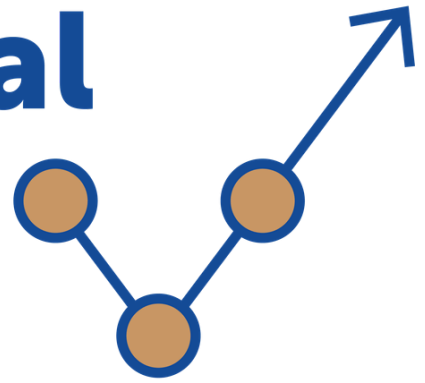


2025



**Geospatial
Maturity**
ASSESSMENT



State Report Cards

GEOSPATIAL MATURITY ASSESSMENT 2025

Alabama Report Card

Overall Grade: B

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

C

Cadastre

B

Elevation

B+

Orthoimagery Leaf-Off

A+

Transportation

D

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B+

Government Units

C-

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Alaska Report Card

Overall Grade: C

COORDINATION

GRADE: C-

STATE-LED THEMES

GRADE

Address

F

Cadastre

D

Elevation

D+

Orthoimagery Leaf-Off

NA

Transportation

C-

NG9-1-1

NA

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

A-

Orthoimagery Leaf-On

NA

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.

ALASKA

GMA RESPONSE

Thank you for the opportunity to review Alaska's results from the 2025 National States Geographic Information Council (NSGIC) Geospatial Maturity Assessment (GMA). The State of Alaska appreciates NSGIC's continued leadership in providing a consistent, national framework for assessing geospatial capacity and maturity across states.

Alaska generally concurs with the overall assessment and views the results as a constructive reflection of the unique challenges the state faces. The GMA serves as a valuable benchmark to help guide future investments and to clearly communicate Alaska's ongoing needs and opportunities for strategic partnership.

With respect to the orthoimagery component, Alaska believes that direct comparison to other states is not applicable. The U.S. Department of Agriculture does not support the National Agriculture Imagery Program (NAIP) in Alaska. As a result, Alaska's statewide imagery mosaic is satellite-based and implemented using a fundamentally different model than the aerial, NAIP-driven programs or state imagery programs in most states.

Although Alaska received a D+ in elevation, this grade does not fully reflect the significant progress and level of investment made in lidar over the past two years. Given Alaska's unique challenges related to scale, remoteness, and logistics, the state, U.S. Geological Survey and federal partners have made substantial investments in lidar acquisition and modernization. While the cumulative impact of these efforts may not yet be fully captured in statewide maturity metrics, they represent meaningful and sustained progress toward statewide lidar goals.

The assessment correctly identifies gaps in addressing and cadastral data. However, it is important to note that approximately 70 percent of Alaska lies within the Unorganized Borough, where no local government exists to generate or maintain foundational addressing or parcel datasets. As a result, Alaska lacks the local institutional structures that underpin these programs in most other states. At the same time, Alaska has made notable progress in filling addressing and cadastral data gaps for remote and rural communities across the state, progress that is not reflected in the current grade. These advances position Alaska well for more coordinated, statewide addressing and cadastral investments as foundational data coverage and governance frameworks continue to mature.

ALASKA GMA RESPONSE

In summary, Alaska supports the GMA findings and values the assessment as an important planning and communication tool. While certain grades reflect realities unique to Alaska, the results also underscore the importance of continued investment and partnership. We look forward to continued collaboration with our federal, state, tribal, and local partners to advance Alaska's geospatial maturity.

Dr. Leslie Jones
Geospatial
Information Officer

GEOSPATIAL MATURITY ASSESSMENT 2025

Arizona Report Card

Overall Grade: A-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

NA

Transportation

B

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

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.



ARIZONA GMA RESPONSE

Arizona extends its sincere gratitude to the National States Geographic Information Council (NSGIC) for the 2025 Geospatial Maturity Assessment (GMA). This assessment is an invaluable resource that provides a vital national perspective on our progress, allowing our stakeholders to celebrate our growth while clearly visualizing the evolution of our state's complex geospatial landscape and collaborative efforts over time. We are very pleased to see Arizona's overall grade climb to an A- this year.

The primary driver behind our success is the passion and expertise of the GIS professionals across Arizona. Our state has fostered a thriving geospatial ecosystem built on deep relationships that transcend organizational boundaries. Whether in state, county, city, tribal, or federal government, or within the academic and private sectors, our professionals work across all subject matters and are dedicated to a "make once and use many" philosophy. This collaborative, non-regulatory approach, driven by the Arizona Geographic Information Council (AGIC), advances cost-effective, data-driven solutions that support decision-making across the state. These strategic partnerships and knowledge exchanges reduce duplication, streamline operations, and empower agencies across the state.

Central to this success is the AZGeo Data Hub, a joint initiative of AGIC and the Arizona State Land Department. AZGeo serves as Arizona's "one-stop shop" for authoritative geospatial data and is a force multiplier for good governance. By centralizing high-quality, standardized mapping services, it helps communities make smarter, faster decisions.

While we celebrate our growth, we remain committed to continuous improvement. A top priority is modernizing Arizona's imagery program. Historically, the state has relied on the NAIP program to meet its needs; however, even with the successful 2025 collection at 60cm resolution, it is clear that higher standards are now required. AGIC is currently leading a statewide initiative to secure collaborative funding for a "buy-up" program to achieve a 30cm resolution. In a state evolving as rapidly as Arizona, high-resolution imagery is no longer a luxury—it is a baseline requirement. Moving to 30cm resolution provides the critical detail professionals need, allowing them to see not just a building, but the specific equipment on its roof.

ARIZONA GMA RESPONSE

For the transportation theme, we understand the criteria for this grade, but believe our current road centerline data layer effectively meets the specific needs of Arizona. Our quarterly update frequency fully aligns with the operational requirements of our state and county transportation departments and our statewide layer remains a robust and reliable resource for its primary users.

The success of GIS in Arizona is a testament to what can be achieved through coordination and a shared vision. As we look toward the future, AGIC and the AZGeo Data Hub will remain the cornerstones of our efforts to ensure that those serving Arizona's citizens have the tools and data they need to do so effectively.

State of Arizona

GEOSPATIAL MATURITY ASSESSMENT 2025

Arkansas Report Card

Overall Grade: A-

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

C

Transportation

B

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

A

Orthoimagery Leaf-On

C

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.



ARKANSAS GMA RESPONSE

Arkansas welcomes the opportunity to participate in the Geospatial Maturity Assessment. The scrutiny provided through this evaluation helps sharpen the Arkansas GIS Office's focus on key programs and reinforces our commitment to excellence. We continually strive to "punch above our weight class" across all focus areas; however, like many states, we must balance our ambition with the reality of doing more amid tightening resources. We also work to align our efforts with the priorities and guidance of our diverse State GIS Board and the administration of Governor Sarah Huckabee Sanders.

While we believe the assessment and its results offer a fair and accurate reflection of the state's geospatial maturity, we also recognize that every process can be strengthened. We commend the GMA Working Group for taking on the difficult and often thankless task of reviewing the assessment framework and enhancing it to create a more robust and meaningful evaluation.

Arkansas' GIS community has a long and proud history of strong coordination among state agencies, local governments, higher education institutions, and the private sector. Our assessment results reflect not only the work of the Arkansas GIS Office but also the cooperative culture that defines geospatial collaboration across the state.

Shelby Johnson
Geospatial
Information Officer

GEOSPATIAL MATURITY ASSESSMENT 2025

Colorado Report Card

Overall Grade: C

COORDINATION

GRADE: C+

STATE-LED THEMES

GRADE

Address

B

Cadastre

A

Elevation

A-

Orthoimagery Leaf-Off

D

Transportation

D-

NG9-1-1

D

FEDERAL-LED THEMES

GRADE

Geodetic Control

C-

Government Units

D+

Orthoimagery Leaf-On

C+

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.



COLORADO GMA RESPONSE

The State of Colorado views the 2025 Geospatial Maturity Assessment (GMA) as a strategic benchmark that reflects both our recent progress and the evolving standards of national geospatial excellence. While several grades have adjusted, we interpret this higher bar as a clear roadmap for innovation and a call to align our collective efforts with the state's GIS strategic direction.

We are evolving our approach to coordinating statewide response and efforts. Moving forward, we are committed to integrating a broader coalition of experts from across state agencies to co-author our maturity development. By leveraging the deep technical knowledge within our agency partners, we ensure that our geospatial initiatives are not just OIT-driven but are deeply rooted in the operational needs of those who use this data to serve Coloradans every day. This effort will help us focus attention on increasing our Coordination theme maturity.

We are particularly proud to maintain our high standings in Cadastre and in Elevation. Our sustained high performance in Cadastre data is a testament to what we can achieve when we focus our efforts on a single theme. We are excited to build on this success by implementing more frequent automated workflows to ingest and validate county data, ensuring our statewide layer remains in high standing.

While grades for foundational themes like Address, Transportation and Coordination have adjusted, these changes mark the need to invest and focus on their development across the state. We are shifting our strategy to confront more themes, such as Address and Ortho-LeafOff, through statewide coordination rather than solely on county or regional efforts, like we did for Ortho-LeafOn. By centralizing coordination efforts for these initiatives, we aim to provide a more consistent, seamless and high-quality product that meets national standards for all constituents.

A cornerstone of our current effort is a comprehensive NG9-1-1 gap analysis. This deep dive into our existing status of NG9-1-1 across the state will allow us to identify precisely where coordination and technical hurdles exist, ensuring that our next steps are targeted, efficient and data-driven. As an additional benefit, we expect these results will increase our maturity in other areas.

.



COLORADO GMA RESPONSE

By focusing our efforts on specific themes as we did with Cadastre and leveraging the expertise of our agency partners, we are confident in our ability to innovate and rise to meet the next level of geospatial maturity. We look forward to collaborating with peer states that have achieved high marks in our target themes to adopt best practices that will drive our 2027 maturity goals.

State of Colorado

GEOSPATIAL MATURITY ASSESSMENT 2025

Connecticut Report Card

Overall Grade: B+

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

B

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

C+

Transportation

C+

NG9-1-1

A-

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

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



GEOSPATIAL MATURITY ASSESSMENT 2025

D.C. Report Card

Overall Grade: A

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

B+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A

Government Units

A+

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



D.C. GMA RESPONSE

The DC Office of the Chief Technology Officer (OCTO) would like to thank NSGIC for its recognition of DC's geospatial maturity. We continue to focus on providing high quality foundational and framework data layers in support of the geospatial initiatives and themes outlined in the geospatial maturity assessment. Through agency partnership, OCTO and DC government will continue improving and innovating with GIS as we provide District residents with impactful services made possible through the use geospatial data and technology.

Matt Crossett

GIS Project Manager

GEOSPATIAL MATURITY ASSESSMENT 2025

Florida Report Card

Overall Grade: B-

COORDINATION

GRADE: D+

STATE-LED THEMES

GRADE

Address

F

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

C

NG9-1-1

B

FEDERAL-LED THEMES

GRADE

Geodetic Control

B-

Government Units

C

Orthoimagery Leaf-On

C

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.



FLORIDA

GMA RESPONSE

Florida generally concurs with the overall assessment and is looking forward identifying resources to allow improvement in some foundational areas prior to the 2027 assessment.

Coordination: Florida 2025 Grade, D+

Our state does not believe the category title “Coordination” is reflective of the measures used to assign this grade. Perhaps “State Support” would be more appropriate. Currently, Florida does not have a geospatial council, any full time dedicated staff, or any funding designated to the Florida Geospatial Information Office. Rather than receiving a low grade, perhaps the ability to achieve what has been accomplished without these foundational resources by Florida and other states in a similar situation, should be recognized.

Addresses: Florida 2025 Grade, F

Florida currently has two address data sets that meet the internal needs of stakeholders, but neither are shared publicly, and both are tailored to programmatic needs. In early 2026, the Florida GIO began engaging the NENA GIS Workgroup, private vendors, and the USDOT deputy GIO to formulate a plan to identify resources for creating and sharing an authoritative Statewide Florida Address Dataset. The recent NSGIC mid-year meeting provided additional opportunities to develop this plan.

Parcels: Florida 2025 Grade, A

Florida has prioritized the sharing of a statewide parcel dataset since the first version was made available in 2023. As a home rule state, our sixty-seven county property appraisers are the definitive data stewards and requested that Statewide data reflect their individual versions without any changes and that all redaction requests are handled first by the county property appraiser. Both the polygon and centroid versions of the Statewide parcel data are consistently the top searched, viewed, and downloaded data set on Florida’s Geospatial Open Data Portal.

Leaf On Ortho Imagery: Florida 2025 Grade, C

Florida’s grade suffers from the assumption that our State has a use for leaf on imagery, when in fact there is very minimal use of the NAIP and no plans to acquire leaf on imagery. We feel a N/A grade designation is more applicable.

FLORIDA GMA RESPONSE

Thank you to the GMA committee and contributors for their hard work, time, and support of the States during the creation of this 2025 assessment. Florida will share this assessment's findings and incorporate them into current and future strategic planning to advance our geospatial maturity.

Kimberly Jackson

GISP, GIO

GEOSPATIAL MATURITY ASSESSMENT 2025

Georgia Report Card

Overall Grade: C

COORDINATION

GRADE: B

STATE-LED THEMES

GRADE

Address

C

Cadastre

C

Elevation

F

Orthoimagery Leaf-Off

C-

Transportation

D

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

D

Government Units

C-

Orthoimagery Leaf-On

C

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.



GEORGIA GMA RESPONSE

In today's economy, geospatial readiness is economic readiness. The GMA helps show where Georgia is prepared to lead—and where additional investment is needed to strengthen the mapped data infrastructure supporting emergency response, transportation, economic development, infrastructure delivery and planning, natural resource management, elections, and efficient government operations.

At its core, this work is about building “One Georgia | One Map”—shared, authoritative statewide data that state agencies, local governments, businesses, and first responders can rely on to make better decisions faster.

The Geospatial Information Office, Georgia's geospatial authority, is encouraged by the meaningful progress reflected in this year's assessment, particularly in statewide coordination, addressing, orthoimagery, and Next Generation 911 (NG911). At the core of these gains is Georgia's growing ability to build modern statewide programs through trusted partnerships. These advancements reflect years of collaboration among state agencies, regional organizations, local governments, academia, nonprofit organizations, and private-sector partners working together to strengthen and modernize Georgia's geospatial ecosystem and the foundational data programs that support it.

Strong collaboration with the Georgia Emergency Communications Authority, the Georgia Department of Transportation, and the Atlanta Regional Commission has helped advance critical geospatial priorities from concept to implementation. These efforts demonstrate what is possible when mapped data is treated as mission-critical, shared public infrastructure and supported through coordinated leadership, investment, and operational partnership.

GEORGIA GMA RESPONSE

Georgia is also proud to have formally established the Georgia Geospatial Advisory Council (GAC), creating a durable structure to guide statewide geospatial coordination and strategy. Reflecting the increasingly universal reliance on mapped data across government and society, the GAC brings together a diverse cross-section of public, academic, nonprofit, regional, and private-sector partners to help shape statewide priorities and direction. The GAC is foundational to strengthening collaboration, leveraging economies of scale, and helping ensure geospatial investments are aligned to operational priorities and long-term statewide needs. This structure is expected to significantly strengthen Georgia's ability to coordinate, prioritize, and sustain geospatial programs over time.

At the same time, the 2025 GMA reinforces an important reality: geospatial maturity is never finished. As government operations, technology, public expectations, and national standards continue to evolve, states are expected not merely to maintain programs, but to continuously modernize and integrate them into government operations. Georgia's progress in areas such as addressing, transportation, orthoimagery, and NG911 demonstrates what is possible when strong partnerships, sustained leadership, and targeted investment align around shared priorities. The assessment also makes clear that long-term success depends on dependable funding, statewide coordination capacity, and continued commitment to building "One Georgia | One Map" as critical infrastructure supporting economic competitiveness, public safety, efficient government operations, and long-term value for citizens, governments, and businesses alike.

Susan Miller

Georgia Geospatial
Information Officer (GIO)

GEOSPATIAL MATURITY ASSESSMENT 2025

Hawai'i Report Card

Overall Grade: B-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

D

Cadastre

A

Elevation

B+

Orthoimagery Leaf-Off

NA

Transportation

D+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B

Government Units

D-

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Idaho Report Card

Overall Grade: B-

COORDINATION

GRADE: C

STATE-LED THEMES

GRADE

Address

C

Cadastre

B

Elevation

B-

Orthoimagery Leaf-Off

NA

Transportation

C+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A

Government Units

C-

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Illinois Report Card

Overall Grade: B

COORDINATION

GRADE: C+

STATE-LED THEMES

GRADE

Address

B

Cadastre

B-

Elevation

A

Orthoimagery Leaf-Off

B

Transportation

C-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

C+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Indiana Report Card

Overall Grade: A-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A-

Transportation

C

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A

Government Units

A-

Orthoimagery Leaf-On

C

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.



INDIANA GMA RESPONSE

The Indiana Geographic Information Office appreciates the invaluable insights provided by NSGIC's geospatial maturity assessment for US states. We are pleased to see we remain one of the top states in the nation for geospatial data. Except for leaf-off orthoimagery, we agree with the grade and believe it is an accurate reflection of the maturity of our geographic data. We thank NSGIC and its members for the tremendous amount of work that has gone into developing the GMA.

While our grade for the leaf-off orthoimagery theme has decreased compared to the 2023 GMA, our statewide imagery program has actually evolved from a 6-inch resolution to a 3-inch resolution, to account for the growing demand in its use cases across people, processes, and technology. Given the cost, Indiana does not see the benefit of collecting statewide imagery more frequently than we currently do (every 4 years), especially since a large portion of the state is agriculture or forest. In rapidly growing parts of the state, our strong partnerships with local government means that we often can acquire more timely data for these areas, outside of our regular collection cycle. Furthermore, we are actively working on expanding our imagery program to include higher resolution leaf-on and historic imagery to the statewide imagery catalog, through partnerships with federal, state, and local agencies, and the nonprofit sector. Given the significant qualitative improvements to our imagery program since the 2023 GMA, we believe the 2025 GMA's emphasis on more frequent collections does not accurately reflect the value of these improvements to a mature, regionally appropriate, and continually evolving imagery program.

Our grade is the result of the work from many. For the past several years all 92 Indiana counties have provided address, cadastral, and transportation data annually to our office, which we combine into statewide, publicly available, datasets. This would not be possible without the hard work of GIS professionals and collaboration of local and county government leadership across the state. We also wish to thank the Indiana Geographic Information Council, which provides annual recommendations to our office and with whom we maintain a close relationship.



INDIANA GMA RESPONSE

We would be remiss in not thanking Indiana legislators for their investment in our office. Our annual appropriation allows us to maintain, among other things, a predictable leaf-off orthoimagery program and an elevation program. We also thank the United States Geological Survey for its 3DNTM (3D National Topography Model) grant program, which helps fund our state elevation program.

As we move towards the implementation of NG9-1-1 in Indiana, we must continue to improve our transportation data layer. While we have made significant progress in terms of quality, such as going from only 50% of counties having address ranges on street centerlines in 2020 to 86% in 2025, our next push must be on deduplicating data across county boundaries and topological enforcement.

Marianne Cardwell
Chief Geographic
Information Officer

GEOSPATIAL MATURITY ASSESSMENT 2025

Iowa Report Card

Overall Grade: B

COORDINATION

GRADE: C

STATE-LED THEMES

GRADE

Address

A

Cadastre

B

Elevation

A

Orthoimagery Leaf-Off

C

Transportation

B

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

C

Orthoimagery Leaf-On

C

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.



IOWA GMA RESPONSE

Iowa maintained an overall Geospatial Maturity Assessment Grade of B between the 2023 and 2025 assessments.

Significant improvements were observed in the foundational data themes of statewide addressing, transportation data, elevation data coordination and geodetic control. Statewide address improvement improved substantially with 100% of Iowa's 99 counties having NG911 addresses. This significant change was achieved through sustained investments by the Iowa HSEM and the hard work of local staff. The Transportation theme improved more from how we reported the source of routable transportation networks. The Iowa DOT itself does not maintain a routable network but the Iowa NG911 program facilitates the building and improvement of that important dataset. Between 2023 and 2025 Iowa also accepted delivery of a Statewide QL-2 dataset meeting USGS 3DEP specifications bringing our planning efforts for lidar to an actual useable dataset for a variety of Statewide programs including the DNR Floodplain Mapping Program. The Geospatial Coordinator at the Iowa Dept. of Management-IT continues to chair a bi-monthly planning group to plan for the next lidar acquisition. The Iowa DOT was identified as the State of Iowa data steward for Geodetic Control and is currently maintaining data assets related to re-monumentation, this is a big milestone for this theme.

There were several areas where we had a decrease in our grade. Coordination dropped from a B to C mostly due to organizational changes and lack of formal recognition of a state GIO or equivalent. Similar to Elevation Data, Imagery both leaf-on and leaf-off lack consistent sustained funding to build an imagery program. We are hopeful that continued conversation with State of Iowa agencies and local government will change that of the next several years.

Patrick Wilke-Brown
Geospatial
Coordinator

GEOSPATIAL MATURITY ASSESSMENT 2025

Kansas Report Card

Overall Grade: A-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A

Cadastre

B-

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

B

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

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



KANSAS GMA RESPONSE

The Kansas GIS program appreciates the opportunity to participate in the GMA. This important endeavor provides valuable insight and information that we can share with fellow GIS professionals and decision-makers across the state. The results of the 2025 GMA are reasonable; however, it is important to recognize the key efforts and partnerships which have allowed us to make progress regarding specific data themes.

Statewide address points, road centerlines, and high-resolution leaf-off orthoimagery would not be possible without the Kansas 911 Coordination Board (Board) and coordination with local jurisdictions. Prior to the Board's Next Generation 911 (NG911) program, we struggled with different approaches, funding, and outreach models regarding these data themes. The Kansas NG911 program provided the funding, focus, and urgency that ultimately led to the development and ongoing maintenance of the statewide data resources.

While significant progress has been made across many data development, aggregation, and publication initiatives, one area that continues to require additional work is the full statewide public-domain release of key datasets—specifically address points, cadastral (parcel boundaries), and road centerline data.

Additionally, the Kansas GIS Program has implemented an initiative to aggregate incorporated area boundaries from local data stewards, and this data is now available through the state's clearinghouse website. The program also plans to pursue a state-level Boundary Annexation Survey (BAS) agreement with the U.S. Census Bureau.

Kansas continues to strive for effective coordination across all levels of government and the private sector to ensure current and authoritative data are readily accessible to all users.

Ken Nelson
Kansas Geographic
Information Officer

GEOSPATIAL MATURITY ASSESSMENT 2025

Kentucky Report Card

Overall Grade: B+

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

A

Cadastre

D

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

B-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

A

Orthoimagery Leaf-On

C+

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.



KENTUCKY GMA RESPONSE

Kentucky's overall GMA grade for 2025 reflects the current state of GIS in the Commonwealth. Most theme-level grades showed incremental progress, but low grades for two specific themes underscore the need for improvement and will help to focus efforts accordingly over the next two years.

Kentucky's high grade on the Coordination theme can be attributed to its long-standing statutory governance (over 30 years) and consistent coordination efforts. The collaborative environment fostered through the state's geographic information advisory council, and bolstered by its numerous statutes, have laid the groundwork for many successful GIS programs over the years.

Focused efforts on both the Address and Geodetic Control themes since 2021 resulted in notable strides that are now evident in the 2025 grades. The elevation and imagery grades are representative of KyFromAbove's outstanding efforts and Kentucky's NG911 program is a great example of how dedicated funding, solid governance, and expert guidance are key to a program's success.

The NG911-centric questions for Road Centerline theme complicate Kentucky's response as our Transportation Cabinet is not the custodian of the authoritative address enabled centerline layer. This situation, along with other scoring criteria makes it difficult for Kentucky to achieve a higher grade. Consideration should be given to conflating the Road Centerline, Addresses, and NG911 themes.

Our very low grade on the Cadastre theme pinpoints where more resources should be focused. Progress has been made in that select state government users now have read-only access to parcel data but only a small number of counties provide open data access. We've known for many years that there was work to be done on this theme but the 2025 grade heightens the level of urgency.

The biennial GMA results help us to re-evaluate the allocation of resources and inform our team as to how we can assist the agencies we support as well as the greater Kentucky GIS community. The grades are referenced during our annual strategic planning process and are shared with executive branch leadership, the Kentucky Geographic Information Advisory Council and legislators. Armed with these grades, we are better prepared to show where Kentucky stands out and demonstrate clearly where additional resources should be dedicated.

KENTUCKY GMA RESPONSE

As the GIO, knowing which states excel in a certain category, lets me know who to contact for guidance and direction. It is my aim to learn from other's and their successful programs. There is great value in being able to reach out to a counterpart for guidance. In fact, that is one of the most valuable aspects of being a NSGIC member.

The Commonwealth appreciates the effort involved in compiling the assessment tool, conducting the assessment, and sharing the results with the NSGIC community.

Kent Anness
GIO, Director of the Division
of Geographic Information

Boyd Shearer
Assistant Director of the
Division of Geographic
Information

GEOSPATIAL MATURITY ASSESSMENT 2025

Louisiana Report Card

Overall Grade: B-

COORDINATION

GRADE: C+

STATE-LED THEMES

GRADE

Address

F

Cadastre

B-

Elevation

A

Orthoimagery Leaf-Off

A

Transportation

B-

NG9-1-1

C

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

A-

Orthoimagery Leaf-On

C+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Maryland Report Card

Overall Grade: A-

COORDINATION

GRADE: A-

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A-

Orthoimagery Leaf-Off

A+

Transportation

B

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B-

Government Units

A-

Orthoimagery Leaf-On

C

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.



MARYLAND GMA RESPONSE

Thank you for your continued work on the statewide geospatial assessment process. We deeply value NSGIC's role in helping states measure and advance their geospatial capabilities, and we appreciate the effort that goes into each evaluation cycle.

We are writing regarding the Transportation section score from the 2025 assessment. We appreciate the updated grade of a B following corrections to Maryland's original submission. We are also pleased that this revision is reflected in the State's overall GMA grade of an A-.

Thank you for your time and partnership.

Julia Fischer
Geographic Information
Officer
Department of Information
Technology

GEOSPATIAL MATURITY ASSESSMENT 2025

Massachusetts Report Card

Overall Grade: A-

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

B-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A

Government Units

A+

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Michigan Report Card

Overall Grade: B+

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

C

Cadastre

B-

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

D

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

A

Orthoimagery Leaf-On

C

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 2025 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 in comparison to other states. The 2025 GMA themes had various changes in the survey questions and the weighting of the scoring criteria. These changes resulted in the scores of some themes dropping compared to previous years. Overall, the 2025 GMA provides a fair representation for the geospatial maturity of these GIS data themes, programs and overall coordination based on the 2025 survey questions and new weighting of the scoring. In a review of the 2025 results, the following are a summary of the observations.

Michigan's geospatial coordination through the Department of Technology, Management and Budget's Center for Shared Solutions continues to be amongst the leading states in this category. The Michigan Statewide Authoritative Imagery and LiDAR (MiSAIL) program for leaf-off 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 fifth of the geographic areas of the state each year. The MiSAIL program scores well based on its two decades long success of collecting authoritative orthoimagery, following national specifications, and for the effective coordination with local government partners. Although scoring an A based on the effective operations of the MiSAIL program, the program still lacks the dedicated funding needed to collect orthoimagery consistently at a third of the state per year and higher resolutions. The score for leaf-on orthoimagery is lower because the stakeholders in Michigan have not identified any specific needs for additional leaf-on imagery beyond the existing United States Department of Agriculture's (USDA) leaf-on imagery that is available. The primary use cases for orthoimagery in Michigan require the leaf-off imagery collection. Therefore, beyond the available USDA imagery, there is no need to collect additional leaf-on orthoimagery, resulting in the C score for that theme.

MICHIGAN GMA RESPONSE

The NG911 category score reflects Michigan's consistency in strong coordination between the GIS and 911 stakeholders across the state to continue to improve GIS data for 911 systems. The scores of address, cadastre, and transportation are lower than other themes, primarily because this GIS data is not currently made available for open statewide public download of the data. The scores for address and transportation dropped significantly in the 2025 GMA because there was a much higher weighted scoring criteria added to those themes for data being made open and available for public download. The address, cadastre, and transportation (local addressed road centerline network) data theme surveys are based on GIS data managed by local governments. The data is currently shared with state government but not made publicly available by all local governments. In the future, with increased willingness by more local governments to make these GIS data layers publicly available for download as open data, these scores will improve.

Mark Holmes
Geographic Information
Officer

GEOSPATIAL MATURITY ASSESSMENT 2025

Minnesota Report Card

Overall Grade: B+

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

B

Cadastre

A

Elevation

A-

Orthoimagery Leaf-Off

D+

Transportation

C

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

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

GEOSPATIAL MATURITY ASSESSMENT 2025

Mississippi Report Card

Overall Grade: B-

COORDINATION

GRADE: F

STATE-LED THEMES

GRADE

Address

F

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

C-

NG9-1-1

B

FEDERAL-LED THEMES

GRADE

Geodetic Control

B+

Government Units

C-

Orthoimagery Leaf-On

C+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Missouri Report Card

Overall Grade: C+

COORDINATION

GRADE: B

STATE-LED THEMES

GRADE

Address

F

Cadastre

C+

Elevation

A

Orthoimagery Leaf-Off

B+

Transportation

D

NG9-1-1

C+

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

C-

Orthoimagery Leaf-On

C+

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.



MISSOURI GMA RESPONSE

The 2025 Geospatial Maturity Assessment provides Missouri with a clearer view of both progress and persistent structural challenges across core data themes. While some grades declined since 2023, the assessment reflects ongoing transitions rather than a retreat from coordination or capability. Many of the evaluated themes are directly tied to national data strategies and federal program requirements, meaning Missouri's progress is increasingly shaped by alignment with national standards, acquisition cycles, and cross-agency coordination expectations rather than solely state-level actions.

Statewide coordination remains a strength for Missouri. The Missouri GIS Advisory Council (MGISAC) continues to play a central role in coordinating elevation and orthoimagery investments, which is reflected in the sustained high performance in elevation and geodetic control. Key agencies such as Missouri Department of Conservation (MDC) and Department of Natural Resources help lead these discussions for MGISAC. Due to this, Missouri's elevation program continues to align closely with national initiatives and planned acquisition cycles, positioning the state well for future applications and emerging federal programs. Missouri stakeholders continue to work with Federal partners including the NRCS and the USGS to develop Elevation Derived Hydrography as a part of the 3DEP program and MDC is working with the USFWS to update the National Wetlands Inventory.

The most notable challenges remain in state-led foundational data themes such as Addressing, Transportation, Cadastre, and Government Units. These grades reflect Missouri's long-standing home-rule governance model, where authoritative data creation and maintenance largely reside at the local level. While this structure supports local control, it limits the state's ability to centralize datasets or formally designate statewide authoritative sources under current governance and funding models.

MISSOURI GMA RESPONSE

Next Generation 9-1-1 is a critical driver for improving Missouri's geospatial maturity, but meaningful progress cannot occur without additional funding and implementation support. While Missouri has identified needed data standards and workflows for address points and road centerlines, limited resources prevent consistent statewide adoption. Without dedicated investment in NG9-1-1, Addressing and Transportation readiness will continue to lag in future assessments. These data themes directly support the safety of Missouri citizens and the operational efficiency of first responders, making them a critical priority for statewide investment and action.

Orthoimagery leaf-off remains a challenge due to the absence of dedicated, recurring funding. Missouri continues to rely on opportunistic and project-based funding to complete statewide collections. While this approach has allowed the state to periodically achieve full coverage and support targeted needs such as NG9-1-1, it does not yet meet the consistency benchmarks evaluated in the GMA. As a state, we rely on the baseline offerings within the NAIP program for our Orthoimagery leaf on products. For years, this has sufficed in the southern portion of our State. As noted, there is a lack of dedicated funding for imagery products which in return would make the enhancement of the NAIP products difficult for the state.

Overall, the 2025 assessment reinforces Missouri's strengths in coordination, elevation, and federal alignment, while highlighting the need for sustained investment, clearer authority pathways, and continued collaboration with local governments. These results will help guide Missouri's priorities as it works to strengthen foundational datasets and improve statewide consistency ahead of future assessments.

Katilin Belk
LiDAR Manager,
Missouri Spatial Data
Information Service
(MSDIS)
Missouri NSGIC Liaison

GEOSPATIAL MATURITY ASSESSMENT 2025

Montana Report Card

Overall Grade: B+

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A-

Orthoimagery Leaf-Off

NA

Transportation

D+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B+

Government Units

A-

Orthoimagery Leaf-On

C+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Nebraska Report Card

Overall Grade: C+

COORDINATION

GRADE: D+

STATE-LED THEMES

GRADE

Address

A

Cadastre

C+

Elevation

F

Orthoimagery Leaf-Off

NA

Transportation

C+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

C+

Government Units

B

Orthoimagery Leaf-On

C+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

New Jersey Report Card

Overall Grade: B+

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

B+

Transportation

B-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

C

Government Units

A

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

New Mexico Report Card

Overall Grade: C+

COORDINATION

GRADE: D+

STATE-LED THEMES

GRADE

Address

B

Cadastre

C-

Elevation

B+

Orthoimagery Leaf-Off

D

Transportation

B-

NG9-1-1

A+

FEDERAL-LED THEMES

GRADE

Geodetic Control

D

Government Units

B-

Orthoimagery Leaf-On

C

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.

GEOSPATIAL MATURITY ASSESSMENT 2025

New York Report Card

Overall Grade: A-

COORDINATION

GRADE: A-

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

B-

NG9-1-1

B

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

A

Orthoimagery Leaf-On

C

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.



NEW YORK GMA RESPONSE

New York State thanks NSGIC for the opportunity to participate in the Geospatial Maturity Assessment (GMA), an exercise that proves invaluable for evaluating our progress and guiding future geospatial activities. The 2025 GMA reflects strong overall achievement for New York's geospatial initiatives, demonstrating sustained excellence across many of our key state-led data themes, and identifying areas for improvement. We are pleased with the widespread success across our programs, and we view the assessment, along with input from the NYS Geospatial Advisory Council, as a crucial resource for identifying areas where continued focus and development will further enhance our capabilities.

Elisabetta DeGironimo
Geographic
Information Officer

GEOSPATIAL MATURITY ASSESSMENT 2025

North Carolina Report Card

Overall Grade: A-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A-

Transportation

B-

NG9-1-1

A+

FEDERAL-LED THEMES

GRADE

Geodetic Control

A

Government Units

A

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

North Dakota Report Card

Overall Grade: B+

COORDINATION

GRADE: A-

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

NA

Transportation

B-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B

Government Units

B

Orthoimagery Leaf-On

C+

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.

GEOSPATIAL MATURITY ASSESSMENT 2025

Ohio Report Card

Overall Grade: A-

COORDINATION

GRADE: A-

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A-

Transportation

C+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

B+

Orthoimagery Leaf-On

C+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Oklahoma Report Card

Overall Grade: B

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

B

Cadastre

C+

Elevation

A

Orthoimagery Leaf-Off

C+

Transportation

C

NG9-1-1

A-

FEDERAL-LED THEMES

GRADE

Geodetic Control

B+

Government Units

B

Orthoimagery Leaf-On

C

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.

GEOSPATIAL MATURITY ASSESSMENT 2025

Oregon Report Card

Overall Grade: B-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

D

Cadastre

B

Elevation

C+

Orthoimagery Leaf-Off

NA

Transportation

F

NG9-1-1

B

FEDERAL-LED THEMES

GRADE

Geodetic Control

B+

Government Units

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



GEOSPATIAL MATURITY ASSESSMENT 2025

Pennsylvania Report Card

Overall Grade: B+

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

B

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

C

Transportation

D+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B+

Government Units

A+

Orthoimagery Leaf-On

C+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Rhode Island Report Card

Overall Grade: B-

COORDINATION

GRADE: C

STATE-LED THEMES

GRADE

Address

B

Cadastre

B

Elevation

A

Orthoimagery Leaf-Off

A

Transportation

C+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

C+

Government Units

D

Orthoimagery Leaf-On

C

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.



RHODE ISLAND GMA RESPONSE

The 2025 NSGIC Geospatial Maturity Assessment (GMA) report card generally provides a state the opportunity to reflect on progress made over the past two years. As the 2025 GMA seeks new information from states, Rhode Island is looking at this as a way to reset our baseline and continue move up. A few grade drops caught us off guard (Transportation and Addressing), but one was expected after answering the questions.

The Government Units section has become a much more robust set of questions, seeking more detailed information than in years past. While we could have let this take the air out of our sails, we look at it as an opportunity to do better, not just for us, but for the residents of our state. The same can be said for the Transportation and Addressing portions of the GMA, both of which saw slight drops. New questions challenge us to rethink the data we have versus what is needed. At the time of completing the GMA, RI was exploring ways of .

In other areas of the GMA, we were happy to see our grades increase and even see that our NG-911 Unit is no longer an N/A. While our grade might have slipped some, it only leaves room for improvement.

Garth Hoxsie-Quinn

RIGIS Coordinator

GEOSPATIAL MATURITY ASSESSMENT 2025

South Carolina Report Card

Overall Grade: B

COORDINATION

GRADE: A-

STATE-LED THEMES

GRADE

Address

C

Cadastre

C

Elevation

A

Orthoimagery Leaf-Off

A

Transportation

C-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

B-

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

South Dakota Report Card

Overall Grade: B-

COORDINATION

GRADE: A-

STATE-LED THEMES

GRADE

Address

B

Cadastre

B

Elevation

B-

Orthoimagery Leaf-Off

F

Transportation

C

NG9-1-1

B+

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Tennessee Report Card

Overall Grade: A-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

B-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

Government Units

B-

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Texas Report Card

Overall Grade: B+

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

B

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

C+

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B

Government Units

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



GEOSPATIAL MATURITY ASSESSMENT 2025

Utah Report Card

Overall Grade: A-

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A-

Orthoimagery Leaf-Off

NA

Transportation

A-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A-

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.



UTAH GMA RESPONSE

Utah appreciates the opportunity to participate in NSGIC's 2025 Geospatial Maturity Assessment (GMA)! Thank you for organizing this critical project.

We believe the scores accurately reflect the years of effort Utah has put into building foundational geospatial datasets and programs to support the state. We've worked closely with our counties for many years to aggregate data to a statewide level and to continually improve that data over time.

As a very rural state with a large percentage of federal land and tightly clustered population centers, it is difficult to find stable funding to collect aerial imagery, particularly leaf-off imagery. We've traditionally been focused on leveraging federal programs, such as the National Agricultural Imagery Program (NAIP) to invest additional money to purchase high-resolution statewide aerial imagery at a cost-effective price. This path helps ensure that rural, less populated counties have an opportunity for high-quality and regularly-updated imagery, while also achieving statewide coverage. As a result, leaf-off imagery collections have been sacrificed to provide everyone with a baseline set of leaf-on imagery.

Erik Neemann

GIS Data Coordinator

GEOSPATIAL MATURITY ASSESSMENT 2025

Vermont Report Card

Overall Grade: A

COORDINATION

GRADE: A+

STATE-LED THEMES

GRADE

Address

A

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

A+

Transportation

B-

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

A

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

Virginia Report Card

Overall Grade: B-

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

B

Cadastre

B

Elevation

F

Orthoimagery Leaf-Off

B+

Transportation

B-

NG9-1-1

A+

FEDERAL-LED THEMES

GRADE

Geodetic Control

F

Government Units

B

Orthoimagery Leaf-On

C

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.



GEOSPATIAL MATURITY ASSESSMENT 2025

West Virginia Report Card

Overall Grade: C+

COORDINATION

GRADE: C+

STATE-LED THEMES

GRADE

Address

F

Cadastre

A

Elevation

A

Orthoimagery Leaf-Off

C-

Transportation

F

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

F

Government Units

B-

Orthoimagery Leaf-On

C

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.

GEOSPATIAL MATURITY ASSESSMENT 2025

Wyoming Report Card

Overall Grade: C-

COORDINATION

GRADE: F

STATE-LED THEMES

GRADE

Address

F

Cadastre

A

Elevation

B+

Orthoimagery Leaf-Off

C

Transportation

D

NG9-1-1

C

FEDERAL-LED THEMES

GRADE

Geodetic Control

D

Government Units

D-

Orthoimagery Leaf-On

C

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.

WYOMING GMA RESPONSE

Wyoming appreciates the opportunity to participate in the 2025 NSGIC Geospatial Maturity Assessment (GMA). Many of the theme's questions this year were far more in-depth and mature, which is understandable considering that as geospatial themes develop improved technology and required data needs, so do the questions asked. Wyoming's grade, therefore, shows Wyoming's 2025 overall grade. The GMA gives our state a cadenced baseline for continual growth in the geospatial realm.

Two themes in which Wyoming was graded as an F have undergone substantial updates since our initial responses were submitted. Coordination wise, there is an interim topic in the legislature regarding GIS Governance, where we anticipate further discussions around coordination support and implementation. Regarding Addresses, the Department of Enterprise Technology Services (ETS), which houses the State GIS office, submitted a 2027/28 budget request to build a state-owned, authoritative statewide address database that would be available for agency usage. This was also approved, and ETS is grateful to Wyoming legislators for their investment in Wyoming's geospatial and public safety future.

Wyoming does participate in Leaf-Off Orthoimagery practices. We had very similar answers from 2023 to 2025, sans the percentage/leaf-off data question. We received a B+ in 2023, however in 2025 we received a C. Wyoming understands that Leaf-On is considered federally led (NAIP) and does not participate in additional Leaf-On Orthoimagery practices. In 2023, with no additional participation, we received a C+.

In response to our Next Generation 9-1-1 grade, we have exciting news. We have received formal notice that our FY25 Safe Streets and Roads for All (SS4A) grant application "Next Generation 911 Readiness in the Rural Frontier," was fully funded - this is a planning project for 3 Wyoming counties to ensure readiness to implement location based 911 emergency response. We would also be remiss in not thanking Governor Gordon for his support in approving our application for the Governor's Infrastructure Matching Funds to match those federal infrastructure funds.

WYOMING GMA RESPONSE

NSGIC's bi-annual grading allows for reflection of accomplishments and opportunities for several themes. As Wyoming looks towards the future, we can look to those high-performing states and apply similar strategies to our own course of action. We are compelled to balance our drive with the reality of increased needs while stretching resources.

Heidi Martin

State of Wyoming