

Pennsylvania

2019 STATE GOVERNMENT GEOSPATIAL MATURITY ASSESSMENT

The NSGIC Geospatial Maturity Assessment (GMA) provides NSGIC members and other partners with a summary of geospatial initiatives, capabilities, and issues within and across state governments. Inspired by the Coalition of Geospatial Organizations (COGO) Report Card of 2018, NSGIC has modified the GMA survey to produce report cards for each state on central data themes and coordination topics.

This information is intended to assist state governments with setting goals, identifying peer states for collaboration, identifying areas requiring attention, and connecting with opportunities and resources. Completing the GMA also offers state governments a chance to reflect on their geospatial strategy, operations, and progress.

The assessment is performed every two years. The results of this assessment will be released in the second half of 2019.

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Coordination
The first section gets to the heart of your state's geospatial maturity by how it supports a state program. This section will be graded based on the questions in part A. Part B is informational only and is commonly used by other state representatives or others looking for your data.
A. GIS Program Support
In this survey, the geographic information officer (GIO) or equivalent position is referred to as the GIO, regardless of actual title.
1. Does your state have a GIO? (pick one) *
Yes - official state-level GIO (or equivalent note this applies to all uses of the term GIO in this survey)
Yes - official statewide GIS coordinator (not officially called GIO, but authorized to perform statewide coordination work on a full-time basis)
Yes - generally recognized statewide GIS coordinator (work on a part-time/30% or more basis to improve statewide coordination, but not officially authorized)
No (skip to Section C)

Other:

2. 7	To whom does the GIO directly report? (pick one)
0	Governor or governor's assistant
•	State CIO or other manager in the CIO's office
0	Other state department or agency head
\bigcirc	Other:
3. \	What abilities does the GIO have? (choose all that apply)
	Influence on state and federal policy issues affecting the GIS community
~	Input to budget and financial matters affecting the state GIS office
✓	Input over technology used at the state enterprise level
	Control over state-wide GIS data standards
✓	Coordinate activities across levels of government and within state government
✓	Influence resides more with the Council than the GIO
	Other:
B 9	Support for Coordination

1. What authorization exists for the GIO/coordination position? (pick one)
Statute
Executive order
Regulation
Multi-agency MOU
None
Other:
2. How is the GIO office funded? (choose all that apply)
General funds
Agency services
License fees
Grants
Other
3. Is the GIO office able to accept "soft" money such as grants, fees for service, etc.? (pick one)
Yes
O No
○ N/A

4. Does the GIO have a full-time professional staff that works on the ongoing programs of the office? (pick one)
Yes
○ No
C. Implementation
1. Does your state have a clearinghouse? (pick one) *
Yes
○ No
2. Does your state have a strategic plan for GIS? (pick one) *
Yes, less than 5 years old
Yes, but 5-10 years old
Yes, but more than 10 years old
○ No
3. Does your state have an active GIS coordinating council that meets at least 4 times a year? (pick one) *
Yes, an official GIS Council defined/recognized by statute, executive order, or administrative rule
Yes, an unofficial but active council (could include state user group)
No (skip to part D)

4. Does the council have representation from all relevant stakeholders? (pick one)
Yes
○ No
D. URL and Website Information
Please answer the following questions regarding URLs and websites.
1. Enter the complete URL for your State GIS Data Clearinghouse website. (Include http:// or https://)
http://www.pasda.psu.edu/
2. Enter the complete URL for your State's GIO office website. (Include http:// or https://)
http://www.gis.pa.gov
3. Enter the complete URL for your state's GIS Council website. (Include http:// or https://)
https://www.oa.pa.gov/Programs/Information%20Technology/Pages/geoboard.aspx

4. Provide a very brief description and a full URL for any GIS-related statutes in your state. These can include the establishment of the coordination office, sustained funding sources, public record laws, or other relevant laws.
Act 178 of 2014 - State Geospatial Coordinating Board https://www.legis.state.pa.us/cfdocs/legis/li/uconsCheck.cfm?yr=2014&sessInd=0&act=178
Next Generation 9-1-1 (NG9-1-1)
Answers harvested in this section are informational only. Gathering these data helps states gauge their relative progress and provides them with valuable references for guidance along the way.
1. Is there an effort in your state to move to NG9-1-1? (pick one) *
Yes
○ No
Yes, but the effort is led by counties
2. Is there a state agency assigned with the responsibility for NG9-1-1? (pick one) *
Yes
O No

3. Is there a relationship between the state GIO and state 9-1-1 leadership? (pick one) *
No relationship / no state-level 9-1-1 leadership
Informal – some coordination or contact with state 9-1-1 leadership, but GIS isn't "at the table"
Formal – GIS is included in state 9-1-1 board/council/leadership organization
Fully engaged in the process and or data development and aggregation needed in support of NG9-1-1
4. Is your NG9-1-1 program funded if you have one? (pick one) *
Yes
No (skip to Question 5)
4a. Does 9-1-1 provide funding to state GIS data development? (pick one)
Yes
○ No
5. Are there currently processes to roll up (aggregate) local authoritative data to statewide datasets for use in NG9-1-1? (pick one) *
○ Yes
No (skip to Question 6)

5a. Is the designated aggregator public or private? (pick one)
O Public
O Private
6. Which of the following required datasets for NG9-1-1 exist at a statewide extent? (choose all that apply) *
PSAP Boundaries
Road Centerlines
Emergency Service Boundaries
Provisioning Boundaries
Site/Structure Address Points
Other
None
7. Does your state have GIS data standards for the following critical NG9-1-1 data layers? (choose all that apply) *
Site/structure address points
Road Centerlines
PSAP Boundaries
Emergency Service Boundaries
Other
None

8. Do you have a regular cycle for ensuring that all themes are as current as possible? (pick one) *
○ Yes
No
9. Has your state validated the road centerline and structures/addresses GIS data with the MSAG/ALI? (pick one) *
Yes
No
10. Are your NG9-1-1 GIS layers publicly available? (pick one) *
Yes
○ No
11. Is there any inter-state NG9-1-1 GIS coordination? (pick one) *
Yes
No (skip to the next section, Elections)
11a. Briefly describe your inter-state coordination.
Pennsylvania participates in Maryland's NG911 meetings via call. PA is ahead of the neighboring states and we will be working with the other states closely moving forward.

Elections

Answers harvested in this section are informational only. Please answer the following questions regarding your state's use of GIS in elections.

 Does your office have a relationship with and a direct line of communication to the State's Election Director? (pick one) *
Yes
○ No
 Does your state manage or have access to an accurate statewide voting precinct boundary layer? (pick one) *
Yes
No (skip to Question 4)
3. If you answered yes to the previous question, which statement best
describes the precinct boundaries? (pick one)
describes the precinct boundaries? (pick one)
describes the precinct boundaries? (pick one) The precinct boundaries are static.
describes the precinct boundaries? (pick one) The precinct boundaries are static. The precinct boundaries are regularly updated. The precinct boundaries are regularly updated and are used to spatially assign voters to
describes the precinct boundaries? (pick one) The precinct boundaries are static. The precinct boundaries are regularly updated. The precinct boundaries are regularly updated and are used to spatially assign voters to their precincts. 4. Does your state use and maintain a state or commercial geocoding websites.

5. If you answered yes to the previous question, which statement best describes how the geocoding web services are used? (pick one)
Geographic coordinates for addresses tend to be static once found.
Geographic coordinates for addresses are periodically updated to reflect the location found using the most current geocoding reference data (roads and address GIS layers).
Geographic coordinates for addresses are routinely analyzed and updated more or less continuously.
6. Is the geocoding service used to locate voter addresses and voters? (pick one)
○ Yes
No
7. Does your state have an audit process for precinct assignments within its election database? (pick one) *
○ Yes
No (Please skip to the next section, Address Points)
8. If so, is your staff, data, and other geospatial resources involved? (pick one)
○ Yes
○ No
NoOther:

Address Points

An address point consists of the building number, street, and XY coordinates for the structure. A primary use of address points is to support 9-1-1 response, but they can also be used as reference data for address geocoding and to support thematic mapping of data associated with those points. Addresses are typically assigned by local government, so significant coordination is required to create a state-level database.

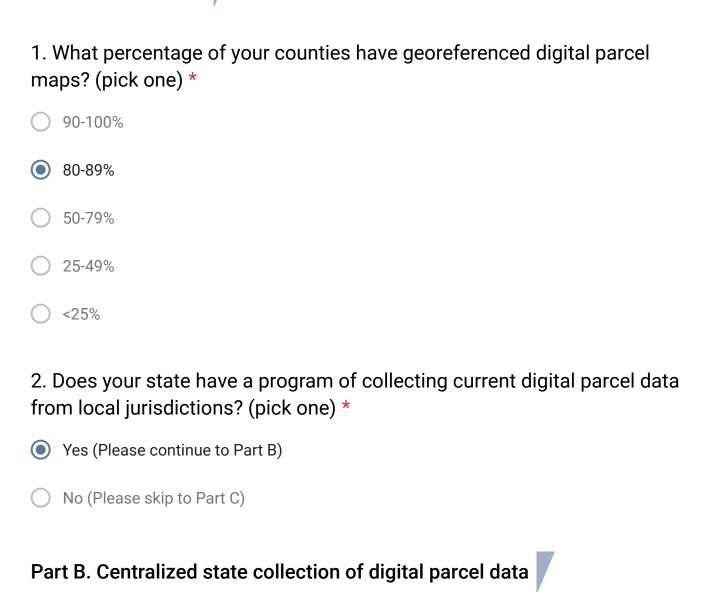
 Does your state have a program for developing or maintaining an authoritative statewide address database? (pick one) *
○ Yes
No (Please skip to next section, Cadastre/Parcels)
2. What percent of local address-authorities contribute to your state's address point database? (pick one)
90-100%
80-89%
O 50-79%
25-49%
<25%

3. ł	How frequently is this data updated? (pick one)
\bigcirc	Daily
0	Weekly
0	Monthly
0	Quarterly
0	2 times per year
0	Annually
0	Every 2-3 years
0	Every >3 years
4. \	What is the quality of the state-level data? (choose all that apply)
	Published to the NENA GIS Data Model (Site/Structure Address Points) or a state-level standard that can be rolled up to that standard and is verified via QA
	Published to the NENA GIS Data Model (Site/Structure Address Points) or a state-level standard that can be rolled up to that standard
	Published to a standard and is verified via QA
	Published to a standard (no verification)
	Published, best effort at standardization
	Published as received

5. How widely used is your address point database? (choose all that apply)
Used to support 9-1-1 activities
Used as reference data for a geocoder web service
Available for download
Available via API (e.g., map service, feature service)
Proactively contributed to the National Address Dataset (NAD)
Available publicly
Available for government use
6. Identify the characteristics of your address point database. (choose all that apply)
Steward: There is a designated aggregator or steward for this data layer.
Funding: This program has regular state-level funding.
Tanang. The program has regard state level randing.
Business plan: A business plan exists for this theme.
 Business plan: A business plan exists for this theme. Local government: There is a formal connection or agreement with local government to
 Business plan: A business plan exists for this theme. Local government: There is a formal connection or agreement with local government to roll up and make data available to the state. Attributes: The state data contains attributes associated with address points; e.g. address including sub-units, land use (e.g. home, park), and nature of point (e.g. parcel
 Business plan: A business plan exists for this theme. Local government: There is a formal connection or agreement with local government to roll up and make data available to the state. Attributes: The state data contains attributes associated with address points; e.g. address including sub-units, land use (e.g. home, park), and nature of point (e.g. parcel centroid, front door of structure, driveway access point).

In most states, authoritative parcel map data is developed at the county level. For this section of the NSGIC perspective, we are interested in the nature of digital parcel mapping in your state, whether in a central state database or only available at the county level.

Part A. Parcel Data.



1. \	What percentage of your counties participate? (pick one)
0	90-100%
\bigcirc	80-89%
\bigcirc	50-79%
\bigcirc	25-49%
•	<25%
2. \	What standard is maintained for the central database? (pick one)
	Published and adheres to a standard verified via QA/QC
	Published to a standard (no verification)
	Published, best effort at standardization
✓	Published as received
	How accessible is data from this central database? (choose all that oly)
~	Open, free, viewable, downloadable, with API
	Open, free, downloadable
	Open, free, viewable
	Open, full file for fee
	In person or formal request
	Internal use only

4. What are the characteristics of your state parcel program? (check all that apply then go to next section, Transportation)
Steward: There is a designated state steward.
Funding: There is regular funding for the state program.
Business plan: The state has a business plan for parcel maps.
Formal relationship: There are formal relationships between the state and local government.
Attributes: The state data includes parcel ID, address, owner name, and other attributes normally associated with parcels and assessment values.
None apply.
Part C. No centralized state collection of digital parcel data
Part C. No centralized state collection of digital parcel data 1. What percentage of your counties make their data available free or at a nominal cost? (pick one)
What percentage of your counties make their data available free or at a
1. What percentage of your counties make their data available free or at a nominal cost? (pick one)
1. What percentage of your counties make their data available free or at a nominal cost? (pick one)90-100%
 1. What percentage of your counties make their data available free or at a nominal cost? (pick one) 90-100% 80-89%
 1. What percentage of your counties make their data available free or at a nominal cost? (pick one) 90-100% 80-89% 50-79%

2. Characterize the general nature (the majority) of your county parcel data systems? (check all that apply)
Yes, they publish and adhere to a published standard.
A lesser level of standardization
Open, free, viewable, downloadable, with/without API
A lesser level of access
Transportation
This graded section is designed to measure your state's progress toward implementation of a statewide road centerline database complete with address ranges. We hope you can describe your efforts to build an authoritative statewide dataset that meets the majority of business requirements. Do not describe a situation where you have multiple non-authoritative datasets in use to meet the individual needs of different agencies.
Definition of road centerline database: the portrayal of physical roads and trails that allow the movement of goods and people between locations. These data must include road centerline geometry and basic road attributes (e.g., road names) and will generally include address ranges, LRS control, and network topology.
1. How complete is your state's road centerline database? (pick one) *
O 100%
76-99%
O 51-75%
26-50%
<25% (or just getting started)
O DO NOT HAVE (Please skip to the next section, Hydrography)

2. ł	How frequently is this data updated? (pick one)
•	Weekly, nightly, or near real-time
\bigcirc	Monthly
\bigcirc	Quarterly
\bigcirc	Annually
0	Every >2 years
0	Not defined
3. What is the quality of the state-level data? (pick one)	
3. \	What is the quality of the state-level data? (pick one)
3. \	What is the quality of the state-level data? (pick one) Edgematched and published to an approved state or national standard (verified/validated)
	Edgematched and published to an approved state or national standard
	Edgematched and published to an approved state or national standard (verified/validated)
	Edgematched and published to an approved state or national standard (verified/validated) Published to an approved state or national standard but not edgematched
	Edgematched and published to an approved state or national standard (verified/validated) Published to an approved state or national standard but not edgematched Published to a nonstate or national standard

4. ł	How accessible is your road centerline database? (pick one)
•	Open, free, viewable, downloadable, with API
\bigcirc	Open, free, downloadable
\bigcirc	Open, free, viewable
\bigcirc	Formal Request - distributed media or downloadable
\bigcirc	Not available or no request process
\bigcirc	Accessible for a fee or Internal use only
	dentify the characteristics of your road centerline database. (choose all apply)
~	Steward: There is a designated aggregator or steward for this data layer.
~	Funding: This program does have regular state-level funding.
~	Business plan: A business plan does exist for this theme.
	Local government: A formal connection or agreement exists with local government to roll up and make data available to the state.
/	Attributes: The state data does contain attributes associated with road centerlines (e.g. lanes, speeds, address ranges).
~	Real-time conditions: Near real-time road conditions are available.
	None apply.

This graded section is designed to measure your state's progress toward implementation of a statewide hydrography dataset above and beyond the National Hydrography Dataset (NHD) provided by the federal government.

Definition of hydrography dataset: an authoritative representation of hydrographic features and characteristics, including classification, location, and extent of drainage network features such as rivers, streams, canals, lakes, ponds, coastline, dams and stream gages.

	How complete is your state's hydrography database? (pick one) *
0	100%
•	76-99%
0	51-75%
\bigcirc	26-50%
\bigcirc	<25% (or just getting started)
0	DO NOT HAVE (Please skip to the next section, Orthoimagery)
2. ł	How frequently is this data updated? (pick one)
2. ł	How frequently is this data updated? (pick one) Annually
2. F	
2. H	Annually
2. I	Annually Every 2-3 years
2. F	Annually Every 2-3 years Every 4-5 years

3. \	What standards are used for publishing state-collected data? (pick one)
()	Published to a standard (verified)
\bigcirc	Published to a standard (no verification)
\bigcirc	Published, best effort at standardization
\bigcirc	Published as received
\bigcirc	N/A
4. ł	How accessible is your hydrography database? (pick one)
•	Open, free, viewable, downloadable, with API
\bigcirc	Open, free, downloadable
\bigcirc	Open, free, viewable
0	Open, full file for a fee
0	In person or formal request
0	Internal use only
\bigcirc	N/A

tha	at apply)
~	Steward: There is a designated aggregator or steward for this data layer.
~	Funding: This program does have regular state-level funding.
	Business plan: A business plan does exist for this theme.
	Local government: A formal connection or agreement exists with local government to roll up and make data available to the state.
✓	Attributes: The state data does contain attributes associated with hydrography (e.g. lake names, stream and river names, coding for all feature types).
	None apply.

5. Identify the characteristics of your hydrography database. (choose all

Orthoimagery

Orthoimagery includes both leaf-on and leaf-off products, both of which are important to users of geospatial data in the states. The leaf-on product serves interests such as agriculture and forestry, while leaf-off serves tax assessors and the emergency response community, among others. Statewide coverage is important and the frequency of update is critical, particularly for areas that are growing and/or changing.



Typically based on the National Agriculture Imagery Program (NAIP) of the US Department of Agriculture.

1. How much of your state is covered by leaf-on orthoimagery? (pick one) *
90-100%
80-89%
S0-79%
25-49%
<25% (or just getting started)
O No coverage
2. Please indicate its update frequency. (pick one) *
Annually
Every 2-3 years
Greater than 3 years
O No coverage
3. Please indicate if you opt for any additional options. (choose all that apply)
Buy-up to 0.5 m product
Other:

4. Please indicate its accessibility (pick one) *
Findable and downloadable
Accessible but with restrictions
Licensed product not available to outside entities
O Not accessible
5. Identify the characteristics of your leaf-on orthoimagery database. (choose all that apply)
Steward. There is a designated aggregator or steward for this data layer.
Funding. This program has regular state-level funding for buy-ups.
Business plan. A business plan exists for this theme.
Local government. There are some formal connections with the local government on buyups.
None apply.
B. Leaf-Off
The leaf-off product should be scored differently based on its uses and the typical frequency of update for

The leaf-off product should be scored differently based on its uses and the typical frequency of update for this orthoimagery layer that is more controlled by state and local resources than federal programs.

1. How much of your state is covered by leaf-off orthoimagery? (pick one) *
90-100%
80-89%
O 50-79%
25-49%
<25% (or just getting started)
No coverage (Please skip to next section, Governmental Units)
2. Please indicate its update frequency. (pick one)
Annual
Every 2-3 years
Every 4-5 years
Every 6-8 years
Update cycle longer than 8 years
O No update
3. Please indicate if you opt for any additional options. (choose all that apply)
6-inch product or better
1-foot product
2-foot product
1-meter product

4. Please indicate its accessibility (pick one)
Findable and downloadable
Accessible but with restrictions
Licensed product not available to outside entities
Not accessible
5. Does your program collect more than the three R-G-B bands of data?
Yes (please specify in the "Other" option if necessary)
□ No
Other: 4-band NIR
6. Identify the characteristics of your orthoimagery database. (choose all
6. Identify the characteristics of your orthoimagery database. (choose all that apply)
 6. Identify the characteristics of your orthoimagery database. (choose all that apply) Steward: There is a designated aggregator or steward for this data layer.
 6. Identify the characteristics of your orthoimagery database. (choose all that apply) ✓ Steward: There is a designated aggregator or steward for this data layer. ✓ Funding: This program has regular state-level funding.
 6. Identify the characteristics of your orthoimagery database. (choose all that apply) Steward: There is a designated aggregator or steward for this data layer. Funding: This program has regular state-level funding. Business plan: A business plan exists for this theme. Local government: There are some formal connections with the local government on buy-
 6. Identify the characteristics of your orthoimagery database. (choose all that apply) Steward: There is a designated aggregator or steward for this data layer. Funding: This program has regular state-level funding. Business plan: A business plan exists for this theme. Local government: There are some formal connections with the local government on buyups.
 6. Identify the characteristics of your orthoimagery database. (choose all that apply) Steward: There is a designated aggregator or steward for this data layer. Funding: This program has regular state-level funding. Business plan: A business plan exists for this theme. Local government: There are some formal connections with the local government on buyups. Accessibility: The data are freely available to the public as a service.

Governmental Units

This graded section will assess your state's requirement for and production of governmental units and your level of cooperation with the Census to provide these data.

Definition of governmental units: boundaries that delineate geographic areas for governance, notably the local government, counties, and tribal reservations. These are the focus on the Census Bureau's annual BAS (Boundary and Annexation Survey) and BVP (Boundary Validation Program) efforts.

1. Does your state have >75% unincorporated areas (as measured by the number of entities, not by land mass)? (pick one) *		
○ Yes		
No		
2. Does your state have statutory authority to submit data to the Census? (pick one) *		
○ Yes		
No		
3. Please pick which best describes the completeness of your governmental units data based on the level of participation in the BAS and BVP programs. (pick one)		
governmental units data based on the level of participation in the BAS and		
governmental units data based on the level of participation in the BAS and		
governmental units data based on the level of participation in the BAS and BVP programs. (pick one)		
governmental units data based on the level of participation in the BAS and BVP programs. (pick one) State participates with 90-100% reporting		
governmental units data based on the level of participation in the BAS and BVP programs. (pick one) State participates with 90-100% reporting State participates with 80-89% reporting		
governmental units data based on the level of participation in the BAS and BVP programs. (pick one) State participates with 90-100% reporting State participates with 80-89% reporting Counties, cities, or other entities participate with >80% reporting		

4. F	Please indicate the update frequency. (pick one)
\bigcirc	Quarterly
\bigcirc	Semi-annually
•	Annually
\bigcirc	2-5 years
0	5 years or more
	The Census Bureau delivers BAS and BVP data in a standard format. at is the state's role in delivering that to Census? (pick one)
\bigcirc	The state handles all submission and verification using Census Bureau standards.
\bigcirc	The state coordinates submission, adjusting to the specified standard and checking for topological consistency.
0	The state coordinates county and local government participation but does not correct data problems.
•	The state plays a minimal role.
0	An odd mix of the above.
	f applicable, please list the variety of governmental units data layers that or state maintains or provides to the Census.
Stat	te, County, Municipal, School District

(choose all that apply)
Steward: There is a designated aggregator or steward for this data layer.
Funding: This program has regular state-level funding.
Business plan: there is a business plan exists for this theme.
Local government: There is a formal connection to local government.
Attributes: State data contains attributes associated with this theme. (e.g. change type, date of the change, authority, change documentation)
Topology: The state has a program to check the topological soundness of the data.
None apply.

7. Identify the characteristics of your governmental boundaries activities.

Geodetic Control

This section is about efforts your state has to augment the National Spatial Reference System (NSRS) maintained by the National Geodetic Survey (NGS). Those efforts could include a variety of activities from adding new control points, to supporting Continuously Operating Reference Station (CORS), to supporting Real-Time Networks (RTN). For states in the Public Land Survey System (PLSS), it could also include efforts to add coordinates to survey corners.

percentage. (pick one) *
90-100%
80-89%
O 50-79%
25-49%
<25% (or just getting started)
 Does your state have any program activities focused on geodetic control? (pick one) *
Yes
O No (Please skip to Question 4)
3. What program activities exist? (choose all that apply)
Nominate new control points to NSRS
Support a statewide CORS network (possibly through private partners)
Support a statewide RTN network (possibly through private partners)
✓ Planning for NGS's 2022 update of NAD 83 and related frameworks
Other
4. Is your state included in the Public Land Survey System (PLSS)? (pick one) *
○ Yes
No (Please skip to Question 5)

4a. Does your state have any program to work with counties to tie their survey corners to the NSRS? (pick one)
O Yes
No
5. What are the details of your state efforts? (choose all that apply)
Steward: There is a designated state steward.
Funding: There is regular funding for the state program.
Business plan: The state has a business plan for geodetic control data.
Formal relationship: There are formal relationships between the state and local government.
None apply.

Elevation

The questions in this graded section are designed to measure your state's progress toward implementation of a statewide elevation database. We hope you can describe your efforts to build an authoritative statewide dataset that meets the majority of business requirements. Do not describe a situation where you have multiple non-authoritative datasets in use to meet the individual needs of different agencies.

Definition of elevation data: the measured vertical position of the earth surface and other landscape or bathymetric features relative to a reference datum typically related to sea level. These points normally describe bare earth positions, but may also describe the top surface of buildings and other objects, vegetation structure, or submerged objects. Elevation data can be stored as a three-dimensional array or as a continuous surface such as a raster, triangulated irregular network, or contours. Elevation data may also be represented in other derivative forms such as slope, aspect, ridge and drainage lines, and shaded relief.

 Indicate the level of completion of the elevation data layer as a percentage. (pick one) * 		
•	90 - 100% statewide	
\bigcirc	80 - 89% statewide	
\bigcirc	70 - 79% statewide	
\bigcirc	60 - 69% statewide	
\bigcirc	50 - 59% statewide	
\bigcirc	40 - 49% statewide	
\bigcirc	30 - 39% statewide	
\bigcirc	20 - 29% statewide	
\bigcirc	10 - 19% statewide	
\bigcirc	<10% statewide	
0	There is no state program for developing or maintaining an authoritative statewide elevation database. (Congratulations, you have completed the 2019 GMA.)	
2. \	What is the frequency of the updates? (pick one)	
0	8 years or sooner statewide	
•	8-12 years	
0	12 years or greater	
0	Not defined	

3. W	hat standards are used for publishing state-collected data? (pick one)
F	Published to a standard (verified via QA)
O F	Published to a standard (no verification)
(F	Published, best effort at standardization
O F	Published as received
4. W	hat is the quality level of the elevation database? (pick one)
• 0	Quality Level 2 (QL2) or better as defined by USGS
0	QL3 or better as defined by USGS
0	QL4 or better as defined by USGS
O V	Worse than QL4
O N	Not defined
is st	o you have any data within your state that is a better Quality Level than ated in the previous question? (pick one) Yes

6. How accessible is your elevation database? (pick one)
Open, free, viewable, downloadable, with API
Open, free, downloadable
Open, free, viewable
Formal Request - distributed media or downloadable
Not available or no request process
Accessible for a fee or Internal use only
7. What are the details of your state efforts? (choose all that apply)
Steward: There is a designated state steward.
Funding: There is regular funding for the state program.
Business plan: The state has a business plan for elevation data.
Formal relationship: There are formal relationships between the state and local government.
None apply.
Thank you for completing the 2019 Geospatial Maturity Assessment.
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We appreciate you taking the time to provide an accurate update on your state's efforts toward geospatial maturity and related data program support. Expect a report by the end of 2019 on the outcomes of the GMA. We hope it can be used to assist with the implementation of the Geospatial Data Act as we work with our federal partners. We will look forward to getting your feedback on the survey at a workshop at the Annual Conference.

Google Forms