

National States Geographic Information Council 2009 State Summary  
 2009 State Summary  
 State of North Carolina

Background Information

1	Please Choose the primary contact
Tim Johnson	

3	Please select the answer that most closely describes your role in statewide GIS coordination.
Officially Recognized Statewide GIS Coordinator	

4	What is your job title?
State Geographic Information Systems Director	

5	Enter the name of your agency/organization.
North Carolina Center for Geographic Information and Analysis	

6	Please select the answer that best describes the affiliation of your office/agency in state government.
State CIO's Office	

11	Describe your state's top three geospatial accomplishments during the past year. (200 character limit per line)
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[Accomplishment 1.](#)  
 General Assembly accepted recommendations by NC OSBM, GICC and OITS on State Geographic Information Implementation Plan that prioritized geospatial coordination, leading to funding 7 positions and transfer of CGIA to OITS.

[Accomplishment 2.](#)  
 Development of a statewide Master Address Database to support the 2010 census and the business processes of state and local agencies.

[Accomplishment 3.](#)  
 Development of a data transfer and ingest process for NC OneMap and local geospatial data into the State Archives as part of a multi-state Library of Congress grant.

12	Describe your state's top three geospatial goals for the coming year. (200 character limit per line)
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[Goal 1.](#)  
 At the direction of the General Assembly, the Geographic Information Coordinating Council will develop a statewide GIS Strategy.

[Goal 2.](#)  
 At the direction of the General Assembly, develop requirements and specifications for revitalizing NC OneMap that refreshes the technical architecture and leverages new technology to reduce costs and increase utility.

[Goal 3.](#)  
 Develop a statewide business plan for refreshing high-resolution local government orthophotography.

13	Describe the three most significant geospatial challenges for your state. (200 character limit per line)
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[Challenge 1.](#)  
 Successfully accomplish the mandate of the General Assembly to consolidate investments in GIS and geospatial data to better support the business processes of state and local government agencies.

[Challenge 2.](#)  
 Improve NC OneMap by enhancing system functionality and increasing community participation.

[Challenge 3.](#)  
 Expand outreach efforts and continue to promote the engagement of statewide stakeholders in Geographic Information Coordinating Council initiatives.

14	Describe any significant cooperative efforts with federal, state or local partners. (200 character limit per line)
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[Cooperative Effort 1.](#)  
 Lead multi-state Library of Congress project in partnership with Utah, Kentucky and NC Division of Archives to develop and implement tools for preservation of geospatial information.

[Cooperative Effort 2.](#)  
 With support of an EPA grant, the Working Group for Seamless Parcels, representing local, state and regional agencies, is developing tools and protocols to develop a statewide, seamless parcels data set.

[Cooperative Effort 3.](#)  
 The Working Group for Roads and Transportation, representing local, state and regional agencies, is revising the street centerline standard and seeking funds to create a "translator" tool to facilitate data sharing.

[Cooperative Effort 4.](#)  
 Continuation of the orthoimagery cost share initiative, with support of USGS NGPO and others, to refresh local imagery. Contract provisions with local governments require adoption of NC OneMap best practices and free distribution of imagery.

[Cooperative Effort 5.](#)  
 NC OneMap data distribution service continues to grow, offering free data download of 110 statewide vector data sets and 131 high resolution orthoimagery data sets for 81 counties.

[Cooperative Effort 6.](#)  
 NC GIS Inventory (RAMONA) includes entries from 86 of 100 counties, 46 cities, and 38 state agencies. GICC committees use inventory data and promote the inventory to colleagues.

15	Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc. that are on-going or that you have begun over the past year. (200 character limit per line)
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[Activity 1.](#)  
 CGIA, with support from all 100 counties, developed a statewide Master Address Database of more than 4.5 million address points to support the 2010 census. The data will also support business processes of state and local agencies.

[Activity 2.](#)  
 Interagency Leadership Team, a consortium of state and federal agencies, manages a project to develop, enhance and use geospatial data to support highway planning while considering impacts on environmental and cultural resources.

[Activity 3.](#)  
 Landslide Hazard Mapping Program continues to create landslide hazard maps for counties in western NC. The maps help citizens and local officials plan effectively and mitigate the effects of landslide hazards.

[Activity 4.](#)  
 The Floodplain Mapping Program has completed the development of digital Flood Insurance Rate Maps for all 100 counties in NC (92 are final, 8 are undergoing public

review).  
**Activity 5.**  
 NC OneMap Ortho Viewer provides a view of high-resolution orthophotography to internet users who do not have GIS software.  
**Activity 6.**  
 GICC adopted the US National Grid as a NC standard and, in collaboration with a team of academic and government partners, conducted extensive workshops to promote the USNG. Materials are available through the NC OneMap website.

16	Please provide the URL link for the mission statement of your state GIS Council.
URL: <a href="http://www.ncgicc.org/">http://www.ncgicc.org/</a>	
17	Please provide the URL link for your state GIS Coordination Office.
URL: <a href="http://www.cgia.state.nc.us">http://www.cgia.state.nc.us</a>	
18	Please provide the URL link for your state GIS Coordination Council Web Page.
URL: <a href="http://www.ncgicc.org/">http://www.ncgicc.org/</a>	
19	Please provide the URL link for your state GIS Clearinghouse Node.
URL: <a href="http://www.nconemap.net/">http://www.nconemap.net/</a>	
20	Is your Clearinghouse Node set up to be harvested by the GOS Portal?
Yes	
21	Please provide the URL link to a list of GIS data stewards for your state.
URL: <a href="http://www.nconemap.net/">http://www.nconemap.net/</a>	
22	Please provide the URL link to your state GIS Personnel Classifications.
No Specific GIS Classifications	
23	Please provide the URL link for your state GIS data distribution policies.
URL: <a href="http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html">http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html</a>	
24	Please provide the URL link for your state GIS Data Standards.
URL: <a href="http://www.ncgicc.org/">http://www.ncgicc.org/</a>	

## Score Card for the fifty states initiative

1	Which of the following NSGIC Coordination Criteria are in effect in your state?						
	1 = We previously had this function and lost it over the past year						
	2 = No plans at this time for implementing this criteria						
	3 = We currently are planning to implement this within the next 12 to 18 months						
	4 = Progress has been made and we reasonably expect this to be fully implemented within the next 12 months						
	5 = Implemented at this time						
		Not Applicable	1	2	3	4	5
	1. A full-time, paid coordinator position is designated and has the authority to implement the state's business and strategic plans.	-	-	-	-	-	5
	2. A clearly defined authority exists for statewide coordination of geospatial information technologies and data production.	-	-	-	-	-	5
	3. The statewide coordination office has a formal relationship with the state's Chief Information Officer (or similar office).	-	-	-	-	-	5
	4. A champion (politician or executive decision-maker) is aware and involved in the process of coordination.	-	-	-	-	-	5
	5. Responsibilities for developing the National Spatial Data Infrastructure and a State Clearinghouse are assigned.	-	-	-	-	-	5

6. The ability exists to work and coordinate with local governments, academia, and the private sector.	-	-	-	-	-	5
7. Sustainable funding sources exist to meet projected needs.	-	-	-	3	-	-
8. Coordinators have the authority to enter into contracts and become capable of receiving and expending funds.	-	-	-	-	-	5
9. The Federal government works through the statewide coordinating authority.	-	-	-	-	4	-

2   Please identify the stakeholder groups that participate on your GIS Coordination Council and their level of participation.			
	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	Invited to participate in general meetings of our Council
Cities and Towns	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Statewide City Organization	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Counties and Parishes	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Statewide County Organization	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Regional Government Organizations	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
State Agencies	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Tribal Governments	-	-	-
Federal Agencies	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Utilities	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Academic (Colleges & Universities)	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Education (K-12)	-	Has an official 'seat' or voting privileges on our Council	-
Private Sector (GIS Industry Vendors and Users)	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
General Business Community	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Surveying Community	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Non-Profit Organizations	-	Has an official 'seat' or voting privileges on our Council	-
General Public	-	Has an official 'seat' or voting privileges on our Council	-
Local URISA Chapter	-	-	-
Local ASPRS Chapter	-	-	-

3   Please provide the URL link to your current Statewide Strategic Plan for GIS.
Under Development - Not Available at this Time

4   Please provide the URL link to your current Statewide Business Plan for GIS.
Under Development - Not Available at this Time

5   Please provide the URL link to your current Statewide Marketing Plan for GIS.
No Marketing Plan Available

6   Under what authority was your State Council created?
Legislation

7	Please provide the URL link to the Law or Executive Order that established your GIS Coordination Office and/or Council.
URL: <a href="http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_143.html">http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_143.html</a>	
8	Please provide a URL link to your state's law(s) related to privacy issues as they affect data and information technology.
URL: <a href="http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html">http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html</a>	
9	Please provide a URL link to your state's law(s) related to data security issues.
URL: <a href="http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html">http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html</a>	
10	Does your GIS Coordination Council have adequate funding to support its operation? (This refers only to the activities of the Council and not to your Coordination Office or projects like data development.)
Not Funded	
11	What fund sources does your Coordination Council use to support its operations? (Check all that apply)
Federal Grants	
12	Does your GIS Council officially endorse the use of appropriate OGC, FGDC, ANSI or ISO standards as appropriate?
Yes	
13	Does your state make its own GIS Inventory tool available to users?
No, but we actively support use of the Ramona System	
14	Does your state actively develop and promote the use of data sharing agreements?
Yes, but only for limited operational needs	
15	Does your GIS Council or State Coordination Office actively participate in The National Map?
Yes	

## Hot Topics

1	Does your state have a shared Orthoimagery Program that involves local and state agencies?
Yes	
2	Have you completed a Return on Investment (ROI) Study or Cost Benefit Analysis (CBA) to justify a shared Orthoimagery Program?
No	
3	Please provide a URL link so we can obtain a copy of your ROI or CBA study.
Not Applicable	
4	Does your state have a shared Road Centerline file project that involves local and state agencies?
Yes	
5	Have you completed a Return on Investment (ROI) Study or Cost Benefit Analysis (CBA) to justify a shared Road Centerline File program?
No	
6	Please provide a URL link so we can obtain a copy of your ROI or CBA study.
Not Applicable	
7	Does your state have a statewide (or multi-jurisdictional) address database? (pick one)
Yes	
8	Is this database based on individual addresses or address ranges? (pick one)
Individual addresses	

9	Have you completed a Return on Investment (ROI) or Cost Benefit Analysis (CBA) to justify this Address program? (pick one)
No	

10	If applicable, please provide a URL link so we can obtain a copy of your ROI or CBA study. (fill-in if applicable)

11	Please tell us who was identified as the designated entity to apply for grant funds to map broadband access in your state.
Please Provide Name of Entity Regardless of Selection Above: NC Office of Economic Recovery and Investment	

## Role of State GIS Coordinators

1	Please choose the mechanism that created your position.
Agency Administrative Decision	

2	Please provide the URL link for the document(s) that created your position (Legislation, Executive Order or Other Action).
No Statutory Authority, Executive Order, or Other Action	

3	Which choice most closely matches the title of your boss?
State Chief Information Officer	

4	What choice best describes how closely you are aligned with the State CIO?
The CIO is My Boss	

5	Please select the number of staff that you supervise.
11 to 15	

6	Does your GIS Coordination Office have adequate funding to support its operation? (This refers only to the activities of your office and not to the Coordination Council, or projects like data development.)
Partially Funded	

7	What fund sources does your Coordination Office use to support its operations? (Check all that apply)
State Special Funds Federal Grants	

8	When an administration change occurs following a statewide election is your position?
Not Likely to be Affected	

9	Please rank the importance of these characteristics/skills to the effective performance of your job.				
	Not Important	Not Very Important	Important	Very Important	Critical
GIS Evangelist/Cheerleader	-	-	-	-	Critical
GIS Architect	-	-	Important	-	-
Political Savvy	-	-	-	-	Critical
Technological Savvy	-	-	-	Very Important	-
General Management Skills	-	-	-	Very Important	-
Procurement/Contracting Skills	-	-	Important	-	-
People Skills	-	-	-	Very Important	-
Understanding the Business Needs of Your Customers	-	-	-	-	Critical