

National States Geographic Information Council 2009 State Summary
 2009 State Summary
 State of Massachusetts

Background Information

1	Please Choose the primary contact
Christian Jacqz	

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.
MassGIS	

6	Please select the answer that best describes the affiliation of your office/agency in state government.
Exec. Office Energy and Environment	

11	Describe your state's top three geospatial accomplishments during the past year. (200 character limit per line)
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[Accomplishment 1.](#)
 Completed, for the entire state, semi-automated land use/land cover mapping using 1:5000 scale (.5 m GSD) 4-band digital ortho imagery.

[Accomplishment 2.](#)
 Completed 2nd year of cooperative project with USGS to acquire new 4-band digital ortho at 30cm - 2008 was eastern half of state, 2009 is west.

[Accomplishment 3.](#)
 Supported development of a GIS-driven ocean management for Mass. territorial waters.

12	Describe your state's top three geospatial goals for the coming year. (200 character limit per line)
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[Goal 1.](#)
 Implement new funding mechanisms as described in strategic plan and integrate GIS better with state CIO.

[Goal 2.](#)

[Goal 3.](#)

13	Describe the three most significant geospatial challenges for your state. (200 character limit per line)
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[Challenge 1.](#)
 Lack of sustainable funding mechanisms and a clear coordinating role for GIS base layers including parcels, roads, elevation and imagery.

[Challenge 2.](#)
 Lack of a strong champion for GIS at the Governor/Secretary level.

[Challenge 3.](#)
 Many small units of government whose technical capacity is limited.

14	Describe any significant cooperative efforts with federal, state or local partners. (200 character limit per line)
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[Cooperative Effort 1.](#)
 Transportation update was cooperative effort by Transportation, Public Safety and MassGIS working with NAVTEQ corporation.

[Cooperative Effort 2.](#)
 Oblique imagery has been funded by towns, Public Safety and Transportation.

[Cooperative Effort 3.](#)
 Public Safety is working with Regional Planning Agencies and localities to develop Homeland Security data.

[Cooperative Effort 4.](#)
 Surficial geology is being developed by Environmental Affairs, UMASS and USGS/WRD

[Cooperative Effort 5.](#)
 Worked with USWGS and towns to fund the ortho mentioned above for 08 and 09 -- completed statewide at 30cm with buyups by dozens of munis to 15cm.

[Cooperative Effort 6.](#)
 Empty

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.](#)
 State agencies have continued to deploy web mapping using the OGC API. We have shifted to Geoserver platform to support all new web mapping applications.

[Activity 2.](#)
 We now have in place a statewide GIS software contract.

[Activity 3.](#)
 Data development: roads, wetlands, soils, open space, schools, parcels, utilities, water/sewer infrastructure, orthophoto, health-related facilities, survey level town boundaries, tax parcels, surficial geology.

[Activity 4.](#)
 Deployment of a GIS based ocean resources information system.

[Activity 5.](#)
 Empty

[Activity 6.](#)
 Empty

16	Please provide the URL link for the mission statement of your state GIS Council.
Don't Have a Mission Statement	

17	Please provide the URL link for your state GIS Coordination Office.
URL: http://www.state.ma.us/mgis	
18	Please provide the URL link for your state GIS Coordination Council Web Page.
URL: http://www.mass.gov/mgis/mgic.htm	
19	Please provide the URL link for your state GIS Clearinghouse Node.
We Are Working on a Clearinghouse Node - Not Yet Available	
20	Is your Clearinghouse Node set up to be harvested by the GOS Portal?
Other (please specify) GOS harvests XML directly	
21	Please provide the URL link to a list of GIS data stewards for your state.
URL: http://www.mass.gov/mgis/contacts.htm	
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: http://www.mass.gov/mgis/munipubrec.htm	
24	Please provide the URL link for your state GIS Data Standards.
URL: http://www.mass.gov/mgis/standards.htm	

Score Card for the fifty states initiative

1	Which of the following NSGIC Coordination Criteria are in effect in your state?					
<p>1 = We previously had this function and lost it over the past year</p> <p>2 = No plans at this time for implementing this criteria</p> <p>3 = We currently are planning to implement this within the next 12 to 18 months</p> <p>4 = Progress has been made and we reasonably expect this to be fully implemented within the next 12 months</p> <p>5 = Implemented at this time</p>						
	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).	-	-	-	3	-	-
4. A champion (politician or executive decision-maker) is aware and involved in the process of coordination.	-	-	-	3	-	-
5. Responsibilities for developing the National Spatial Data Infrastructure and a State Clearinghouse are assigned.	-	-	-	-	4	-
6. The ability exists to work and coordinate with local governments, academia, and the private sector.	-	-	-	-	4	-
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	-	-
Statewide City Organization	-	-	Invited to participate in general meetings of our Council
Counties and Parishes	-	-	-
Statewide County Organization	-	-	-
Regional Government Organizations	Actively participates on our Council	-	-
State Agencies	Actively participates on our Council	-	-
Tribal Governments	-	-	-
Federal Agencies	Actively participates on our Council	-	-
Utilities	Actively participates on our Council	-	-
Academic (Colleges & Universities)	Actively participates on our Council	-	-
Education (K-12)	-	-	Invited to participate in general meetings of our Council
Private Sector (GIS Industry Vendors and Users)	Actively participates on our Council	-	-
General Business Community	Actively participates on our Council	-	-
Surveying Community	-	-	Invited to participate in general meetings of our Council
Non-Profit Organizations	Actively participates on our Council	-	-
General Public	-	-	Invited to participate in general meetings of our Council
Local URISA Chapter	-	-	Invited to participate in general meetings of our Council
Local ASPRS Chapter	-	-	-

3 Please provide the URL link to your current Statewide Strategic Plan for GIS.	
URL:	www.mass.gov/mgis/stratplan.html

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:	http://www.mass.gov/mgis/mandate.htm

8 Please provide a URL link to your state's law(s) related to privacy issues as they affect data and information technology.	
URL:	http://www.mass.gov/mgis/munipubrec.htm

9 Please provide a URL link to your state's law(s) related to data security issues.	
URL:	http://www.mass.gov/mgis/munipubrec.htm

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 Applicable

11	What fund sources does your Coordination Council use to support its operations? (Check all that apply)
State General Funds 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?
Yes - All Users	

14	Does your state actively develop and promote the use of data sharing agreements?
Yes for all applications	

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?
Yes	

3	Please provide a URL link so we can obtain a copy of your ROI or CBA study.
Digital File Available by E-mail	

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)
Address ranges	

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.
501 c 3 Nonprofit Organization	

Role of State GIS Coordinators

1	Please choose the mechanism that created your position.
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Legislation

2 Please provide the URL link for the document(s) that created your position (Legislation, Executive Order or Other Action).

URL:
<http://www.mass.gov/mgis/mandate.htm>

3 Which choice most closely matches the title of your boss?

Other (please specify)
State cabinet level (undersecretary)

4 What choice best describes how closely you are aligned with the State CIO?

Not Very Close, But Getting Closer

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.)

Not Funded

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

State General Funds
retained revenue (user fees)

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	-	-	-	Very Important	-
GIS Architect	-	-	-	Very Important	-
Political Savvy	-	-	-	-	Critical
Technological Savvy	-	-	-	Very Important	-
General Management Skills	-	-	Important	-	-
Procurement/Contracting Skills	-	-	Important	-	-
People Skills	-	-	-	-	Critical
Understanding the Business Needs of Your Customers	-	-	-	Very Important	-