

National States Geographic Information Council 2008 State Summary  
 2008 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.
Department of Natural Resources or Environmental Protection	

11	Describe your state's top three geospatial accomplishments during the past year. (200 character limit per line)
----	---

[Accomplishment 1.](#)

Completed GIS strategic plan with extensive stakeholder input including specific recommendations for development and maintenance of spatial data infrastructure

[Accomplishment 2.](#)

Completed statewide update of roads as public/private partnership between Public Safety, Transportation and MassGIS.

[Accomplishment 3.](#)

Funded statewide update of land use mapping at 1:5000 scale; classification will be consistent with previous smaller scale photo-interpretation.

12	Describe your state's top three geospatial goals for the coming year. (200 character limit per line)
----	--

[Goal 1.](#)

Implement new funding mechanisms as described in strategic plan.

[Goal 2.](#)

Integrate GIS better with state CIO.

[Goal 3.](#)

Complete land use mapping.

13	Describe the three most significant geospatial challenges for your state. (200 character limit per line)
----	--

[Challenge 1.](#)

Lack of legislatively authorized funding mechanisms for GIS base layers including parcels, roads and imagery

[Challenge 2.](#)

Lack of a strong champion for GIS at the Governor/Secretary level.

[Challenge 3.](#)

Many small and technically challenged units of government.

14	Describe any significant cooperative efforts with federal, state or local partners. (200 character limit per line)
----	--

[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.](#)

Empty

[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)
----	--

[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: <a href="http://www.state.ma.us/mgis">http://www.state.ma.us/mgis</a>	
18	Please provide the URL link for your state GIS Coordination Council Web Page.
URL: <a href="http://www.mass.gov/mgis/mgic.htm">http://www.mass.gov/mgis/mgic.htm</a>	
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) We are basically ready, but need to connect with the right resources in USGS to take last steps.	
21	Please provide the URL link to a list of GIS data stewards for your state.
URL: <a href="http://www.mass.gov/mgis/contacts.htm">http://www.mass.gov/mgis/contacts.htm</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.mass.gov/mgis/munipubrec.htm">http://www.mass.gov/mgis/munipubrec.htm</a>	
24	Please provide the URL link for your state GIS Data Standards.
URL: <a href="http://www.mass.gov/mgis/standards.htm">http://www.mass.gov/mgis/standards.htm</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).	-	-	2	-	-	-	
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.	-	-	-	-	-	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.	-	-	-	-	-	5	

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.	
Digital File Available by E-mail	

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

7   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.mass.gov/mgis/munipubrec.htm">http://www.mass.gov/mgis/munipubrec.htm</a>	

8   Please provide a URL link to your state's law(s) related to data security issues.	
URL: <a href="http://www.mass.gov/mgis/munipubrec.htm">http://www.mass.gov/mgis/munipubrec.htm</a>	

9   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	

10   What fund sources does your Coordination Council use to support its operations? (Check all that apply)	
---	--

State General Funds Federal Grants
---------------------------------------

11	Does your GIS Council officially endorse the use of appropriate OGC, FGDC, ANSI or ISO standards as appropriate?
Yes	

12	Does your state make its own GIS Inventory tool available to users?
Yes - All Users	

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

14	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)

### Role of State GIS Coordinators

1	Please choose the mechanism that created your position.
Legislation	

2	Please provide the URL link for the document(s) that created your position (Legislation, Executive Order or Other Action).
URL: <a href="http://www.mass.gov/mgis/mandate.htm">http://www.mass.gov/mgis/mandate.htm</a>	

3	Which choice most closely matches the title of your boss?
Other (please specify) State Department/Agency CIO	

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.)
Partially Funded	

7	What fund sources does your Coordination Office use to support its operations? (Check all that apply)
State Bonds State General Funds State Capital Budget Funds Agency Contributions As Required Federal Grants 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	-