
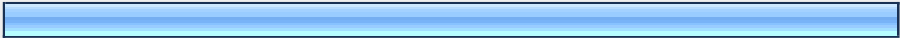
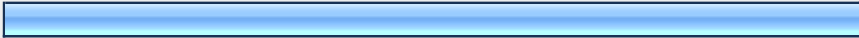


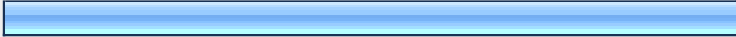
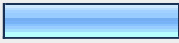

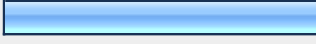

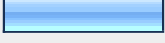









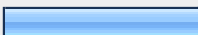

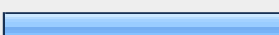
Minnesota GIS Survey

1. Please, tell us about yourself.			
		Response Percent	Response Count
Name (optional):		63.3%	126
Organization:		99.0%	197
Title:		94.5%	188
City/Town/Region:		95.0%	189
URL for your organization's website:		78.9%	157
		answered question	199
		skipped question	22

2. Which of the following best describes your organization?			
		Response Percent	Response Count
State Agency		80.9%	174
Federal Agency	<input type="checkbox"/>	0.9%	2
Regional Organization	<input type="checkbox"/>	3.7%	8
Municipality	<input type="checkbox"/>	0.5%	1
County	<input type="checkbox"/>	5.6%	12
Tribal		0.0%	0
Military		0.0%	0
College / University	<input type="checkbox"/>	3.7%	8
Utility	<input type="checkbox"/>	0.9%	2
Private Sector (e.g. Surveying/Engineering/Planning)	<input type="checkbox"/>	0.9%	2
Other (please specify):	<input type="checkbox"/>	2.8%	6
		answered question	215
		skipped question	6

3. Which of the following best describes your professional role?

		Response Percent	Response Count
Program Manager for a State Agency that uses GIS		19.0%	42
Program Manager for a non-state organization that uses GIS		6.3%	14
GIS end-user in State Agency		34.4%	76
GIS end-user in a non-state organization		1.4%	3
GIS Professional in State Agency		17.2%	38
GIS Professional in non-state organization		5.9%	13
Other		15.8%	35
		If Other, please specify	35
		<i>answered question</i>	221
		<i>skipped question</i>	0

4. How long has your organization been using geospatial technology/GIS?			Response Percent	Response Count
Not using GIS and no plans to implement this technology			2.1%	3
Not currently using GIS, but plan to within the next year			3.4%	5
<1 year			2.8%	4
1-2 years			2.1%	3
2-5 years			2.8%	4
5-10 years			21.4%	31
>10 years			35.2%	51
Don't Know			30.3%	44
			answered question	145
			skipped question	76

5. How many GIS users are there in your organization?										
	0	1	2-5	6-10	11-25	26-100	>100	Don't Know	Response Count	
GIS Professionals (use desktop GIS daily):	7.2% (10)	8.0% (11)	14.5% (20)	7.2% (10)	13.0% (18)	4.3% (6)	1.4% (2)	44.2% (61)	138	
Non-GIS professionals who use GIS services frequently (weekly basis):	10.4% (14)	1.5% (2)	9.0% (12)	6.0% (8)	6.7% (9)	8.2% (11)	8.2% (11)	50.0% (67)	134	
Non-GIS professionals who use GIS services occasionally (1 or 2 times/month):	7.5% (10)	1.5% (2)	9.7% (13)	7.5% (10)	3.0% (4)	7.5% (10)	10.4% (14)	53.0% (71)	134	
									answered question	142
									skipped question	79

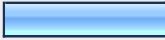
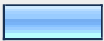
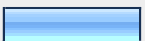
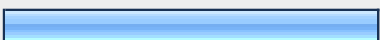
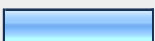
6. How many full-time GIS Professionals do you have on staff within your organization?								
	Don't know	None	1	2	3-5	6-10	>10	Response Count
Manager/Coordinator/Supervisor	46.4% (65)	15.0% (21)	25.7% (36)	5.7% (8)	4.3% (6)	0.7% (1)	2.1% (3)	140
Analyst/Programmer	50.4% (70)	12.9% (18)	9.4% (13)	5.8% (8)	11.5% (16)	7.2% (10)	2.9% (4)	139
Technician	54.2% (71)	17.6% (23)	8.4% (11)	5.3% (7)	6.9% (9)	2.3% (3)	5.3% (7)	131
	answered question							142
	skipped question							79

7. What GIS software does your organization employ? Choose all that are relevant.						
	ESRI	Open Source	Autodesk	Other	Don't Know	Response Count
Desktop GIS software	73.0% (103)	6.4% (9)	2.8% (4)	9.2% (13)	24.1% (34)	141
GIS server for web-GIS	47.2% (60)	8.7% (11)	0.8% (1)	5.5% (7)	45.7% (58)	127
GIS server for spatial data management	50.4% (64)	4.7% (6)	0.0% (0)	4.7% (6)	44.9% (57)	127
	If you responded "other", please specify:					16
	answered question					141
	skipped question					80

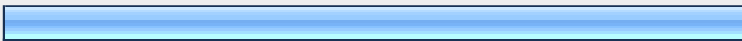


8. What GIS-related geospatial technologies/capabilities does your organization deploy or utilize? Choose all that are relevant.

	ESRI	Google	Microsoft	Open Source	Autodesk	Other	Don't Know	Response Count
3D globe viewing	24.8% (30)	47.1% (57)	8.3% (10)	1.7% (2)	0.0% (0)	1.7% (2)	45.5% (55)	121
Geocoding	51.2% (65)	9.4% (12)	3.1% (4)	3.9% (5)	0.0% (0)	9.4% (12)	42.5% (54)	127
Routing	25.0% (27)	6.5% (7)	0.9% (1)	0.0% (0)	0.0% (0)	4.6% (5)	68.5% (74)	108
CAD (computer aided design)	3.8% (4)	0.0% (0)	0.0% (0)	0.0% (0)	14.3% (15)	4.8% (5)	80.0% (84)	105
GPS	34.6% (44)	3.9% (5)	0.8% (1)	7.1% (9)	0.0% (0)	20.5% (26)	49.6% (63)	127
If you responded "other", please specify:								35
answered question								139
skipped question								82

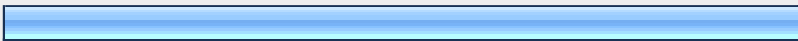


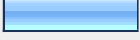
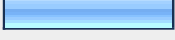
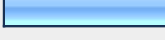
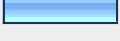
9. Does your organization maintain an intranet or Internet GIS website?



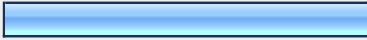
		Response Percent	Response Count
None		17.5%	25
Internet (publicly available)		10.5%	15
Intranet (internal use only)		14.7%	21
Both internet and intranet sites are maintained		41.3%	59
Don't Know		16.1%	23
answered question			143
skipped question			78

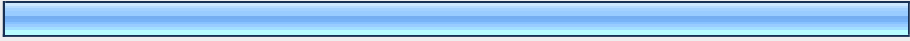



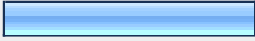
10. Do all of your organization's offices have suitable, high-speed, broadband access to the Internet?

		Response Percent	Response Count
Yes		81.7%	116
No		6.3%	9
Don't Know		12.0%	17
		<i>answered question</i>	142
		<i>skipped question</i>	79

11. Please estimate your organization's GIS budget for the current fiscal year. If you "don't know", please type "YES" into the text-box.

		Response Percent	Response Count
Don't know		87.7%	114
Hardware		16.9%	22
Software		19.2%	25
Consulting		14.6%	19
Training		18.5%	24
Staff		17.7%	23
Other Services		12.3%	16
		<i>answered question</i>	130
		<i>skipped question</i>	91






12. Is your agency the authoritative source and primary custodian for any statewide digital data?			Response Percent	Response Count
Yes			31.1%	42
No			28.9%	39
Don't Know			40.0%	54
			<i>answered question</i>	135
			<i>skipped question</i>	86

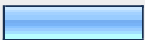



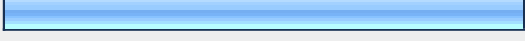
13. If "yes" for question #9 above, please list the data layer(s) your organization is responsible for:			Response Percent	Response Count
Data Layer #1			100.0%	40
Data Layer #2			67.5%	27
Data Layer #3			50.0%	20
Data Layer #4			30.0%	12
Data Layer #5			27.5%	11
			<i>answered question</i>	40
			<i>skipped question</i>	181

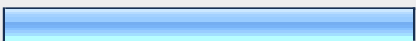
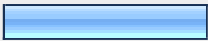
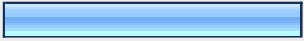
14. Does your organization share/distribute digital geospatial data to other organizations?

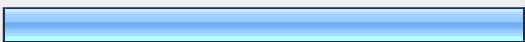


	Never	Sometimes	Frequently	Don't Know	Response Count
To state agencies	9.0% (12)	27.8% (37)	30.1% (40)	33.1% (44)	133
To federal agencies	12.9% (17)	28.8% (38)	21.2% (28)	37.1% (49)	132
To local governments (cities, towns, counties)	8.2% (11)	27.6% (37)	29.9% (40)	34.3% (46)	134
To the general public	10.6% (14)	30.3% (40)	23.5% (31)	35.6% (47)	132
To the private sector	10.4% (14)	28.4% (38)	21.6% (29)	39.6% (53)	134
	answered question				135
	skipped question				86

15. Does your organization maintain metadata for your digital data holdings?


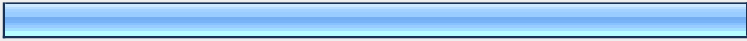

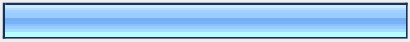
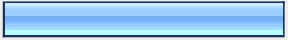
		Response Percent	Response Count
No metadata is maintained		6.7%	9
Some metadata is maintained		37.3%	50
Most of our data holdings have current metadata		18.7%	25
All of our data holdings have current metadata		6.0%	8
Don't Know		31.3%	42
	answered question		134
	skipped question		87

16. Does your organization have a written data distribution policy and/or pricing schedule?			Response Percent	Response Count
Neither			14.9%	20
Yes, written data distribution policy			18.7%	25
Yes, pricing schedule			2.2%	3
Yes, we have both			6.7%	9
Don't Know			57.5%	77
			<i>answered question</i>	134
			<i>skipped question</i>	87



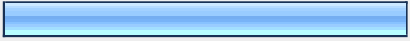
17. Does your organization maintain a copy of the statewide orthophotos on your own server?			Response Percent	Response Count
Yes			45.2%	61
No			22.2%	30
Don't Know			32.6%	44
			<i>answered question</i>	135
			<i>skipped question</i>	86

18. Has your organization ever collected and stored local government data – for example, a county's, or another county's parcel data – on your own system?			Response Percent	Response Count
Yes			57.5%	77
No			6.7%	9
Don't Know			35.8%	48
			<i>answered question</i>	134
			<i>skipped question</i>	87


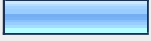



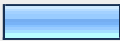
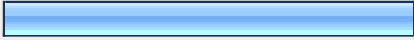
19. What are the principal business uses of mapping, location tools and/or GIS within your organization, whether current or planned? Please list the key business questions/activities/programs that the GIS is employed for? Please be as specific as possible, for example: + "Protecting endangered species" + "Emergency response to flooding" + "Planning for roadway improvements" + "Tracking the location of dead birds infected with West Nile Virus" + "Providing interactive maps to field crews on laptops"

		Response Percent	Response Count
Business area #1		100.0%	156
Business area #2		82.1%	128
Business area #3		64.7%	101
Business area #4		44.2%	69
Business area #5		30.8%	48
		<i>answered question</i>	156
		<i>skipped question</i>	65







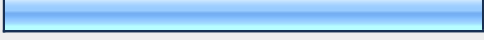
20. Does your agency perform any GIS work on a "fee for service" basis with outside entities and/or internal divisions within your own agency?

		Response Percent	Response Count
Yes		16.3%	29
No		39.3%	70
Don't Know		44.4%	79
		<i>answered question</i>	178
		<i>skipped question</i>	43

21. If you do use "fee for service" support who provides it? Choose all that apply.

		Response Percent	Response Count
None		26.6%	34
GIS/IT Division within my own organization/agency		15.6%	20
Land Management Information Center (LMIC)		6.3%	8
GIS/IT Division of another state agency		3.1%	4
Local or Regional government entity (e.g. a county)		2.3%	3
Private sector		12.5%	16
Don't Know		45.3%	58
		Other (please specify)	8
		answered question	128
		skipped question	93

22. If you do use "fee for service" support, what is the annual value of that support?



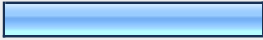
		Response Percent	Response Count
None		29.5%	38
<\$10,000		7.0%	9
\$10,000-\$50,000		4.7%	6
\$50,000-\$100,000		3.9%	5
\$100,000-\$250,000		0.8%	1
\$250,000-\$500,000		0.0%	0
>\$500,000		1.6%	2
Don't know		52.7%	68
		answered question	129
		skipped question	92



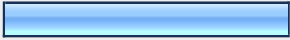
**23. Do you believe that you have adequate access to the GIS services and support you require for your business functions?
Please rate the level of GIS support and services you currently have.**

		Response Percent	Response Count
Excellent		25.1%	44
Adequate		40.0%	70
Some, but need more support		29.1%	51
Do not have any access to GIS		5.7%	10
		answered question	175
		skipped question	46




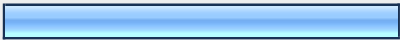

24. Are there any constraints or impediments that you face in obtaining the GIS support and services that you require for your business needs? Choose all that are relevant.

		Response Percent	Response Count
Lack of funding		56.3%	67
Lack of staff expertise		52.1%	62
Lack of access to software		24.4%	29
Lack of access to good/needed data		45.4%	54
Inadequate internet bandwidth		7.6%	9
		Other (please specify)	48
		answered question	119
		skipped question	102

25. Do you consider your organization to have an "enterprise GIS"?			Response Percent	Response Count
Yes			34.7%	60
No			37.0%	64
Don't Know			28.3%	49
			<i>answered question</i>	173
			<i>skipped question</i>	48

26. Do you currently obtain any on-line GIS capabilities from third party organizations? For example, do you consume someone else's web service?			Response Percent	Response Count
Yes			35.9%	61
No			32.9%	56
Don't Know			31.2%	53
			If yes, please describe:	52
			<i>answered question</i>	170
			<i>skipped question</i>	51




27. If enterprise GIS capabilities were available as web services, what would best describe your level of interest in these capabilities?

		Response Percent	Response Count
Not clear what web services are		25.3%	43
Not interested, existing needs are being met		4.1%	7
Skeptical		5.9%	10
Interested for some things		43.5%	74
Extremely interested, this is how we want to do business		21.2%	36
		answered question	170
		skipped question	51

28. Are you currently using any of the shared services/capabilities listed below? If not, would you use them if they were readily available?

	Already using	Would like to use	No requirement to use	Response Count
Data Hosting	43.4% (46)	24.5% (26)	32.1% (34)	106
Data Distribution	47.7% (53)	32.4% (36)	19.8% (22)	111
User Authentication	27.0% (27)	37.0% (37)	36.0% (36)	100
Back-Up Services	38.1% (40)	35.2% (37)	26.7% (28)	105
Database Support	39.4% (41)	35.6% (37)	25.0% (26)	104
License Management	46.0% (46)	27.0% (27)	27.0% (27)	100
Proximity Search and Analysis	29.0% (31)	43.9% (47)	27.1% (29)	107
Aggregation of Events by Area	24.2% (24)	45.5% (45)	30.3% (30)	99
Network Tracing	12.5% (12)	34.4% (33)	53.1% (51)	96
Address Validation and Location Search	38.5% (40)	39.4% (41)	22.1% (23)	104
Finding Best Route (shortest/fastest/etc.)	14.6% (15)	43.7% (45)	41.7% (43)	103
			answered question	124

29. Are there any additional "shared services" or capabilities that you are currently using, or would like to use in the future but are not listed in question #27 above?

		Response Percent	Response Count
Service/capability #1:		100.0%	20
Service/capability #2:		40.0%	8
Service/capability #3:		10.0%	2
		answered question	20
		skipped question	201



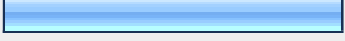


30. If you currently use any of the GIS support or data services listed below, please indicate who provides this service to your organization.

	Land Management Information Center (LMIC)	Another organization	Service not required	Response Count
Data download	42.1% (40)	35.8% (34)	22.1% (21)	95
On-line map viewers	16.1% (14)	54.0% (47)	29.9% (26)	87
On-line WMS map services	38.7% (29)	26.7% (20)	34.7% (26)	75
"Fee for service" projects	12.0% (9)	16.0% (12)	72.0% (54)	75
Technical support	8.9% (7)	35.4% (28)	55.7% (44)	79
Training	2.4% (2)	58.8% (50)	38.8% (33)	85
If you use services from another organization please specify:				66
				answered question
				109
				skipped question
				112

31. Are there any additional GIS support services that an existing organization or a future Enterprise GIS Coordination group could provide that would be useful to you?

		Response Count
		40
<i>answered question</i>		40
<i>skipped question</i>		181

32. How would you rate the GIS support or data services that you obtain from LMIC?

		Response Percent	Response Count
None		33.9%	40
Excellent		22.0%	26
Good		37.3%	44
Fair		5.1%	6
Poor		1.7%	2
<i>answered question</i>			118
<i>skipped question</i>			103

33. Please provide any additional written feedback that you would like considered in the state's enterprise GIS planning study:

		Response Count
		61
<i>answered question</i>		61
<i>skipped question</i>		160