

Appendix A: Survey Comparison

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
1. Contact Information																	
<i>Serial Number/County ID</i>	X	X							X		X						
Password					X												
<i>Survey Contact Name</i>	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
<i>Survey Contact's Position/Title</i>	X	X		X	X	X	X	X	X	X	X		X			X	
Personal Area of Responsibility								X								X	
<i>Organization/Agency/ Department/Division</i>	X	X		X	X	X	X	X	X	X	X	X	X	X		X	
Type of Organization								X						X		X	
GIS Program Name													X				
<i>Street Address, City, State, ZIP Code</i>	X	X		X	X		X	X	X	X	X	X	X		X	X	
County Name			X	X			X		X	X			X	X	X	X	
<i>Telephone</i>	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
<i>Fax</i>	X	X		X	X		X		X		X	X	X				X
<i>E-mail</i>	X	X		X	X	X	X	X	X	X	X	X	X	X		X	X
Does your Land Information Office have a website?																	X
Website Address				X		X	X		X				X	X			X
Alternate Contact, Address, Telephone, Fax and E-mail							X		X						X		
Date									X							X	
What portion of your organization/department are you representing? (Entire Organization, Some portion thereof)							X										
Would you like contact info kept confidential?				X													
Would you like to be included on the GIS Mailing List?				X						X							

* The South Carolina Standing Committee on Geographic Information hired PlanGraphics, Inc. to conduct a GIS User Needs Assessment. The surveys used in this assessment have been included within this table, but not in their entirety.

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Please provide: Name, Title, and Phone Number for each person who completed the survey																	X
2. Preliminary Questions																	
<i>Does your organization create, update, and/or distribute digital geographic data?</i>	X	X		X					X	X	X	X	X				
Does your agency currently have access to a geographic information system?										X							
If "yes", is the system in-house, operated by a contractor on an ongoing basis, or created by a contractor on an occasional basis?										X							
If "no", is your agency currently developing plans to implement a GIS in some form?									X	X							
If your community plans to implement a GIS, what is the estimated timeframe?									X								
Is this new information or are you updating old information?											X	X					

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
3. Organizational/Institutional Structure																	
<i>Identify organization's jurisdiction or service area (e.g., Federal, State, Regional, Watershed, County, CTV, Private, Tribal)</i>	X	X		X			X		X		X				X		
<i>Name counties and states encompassed by jurisdictional area or service area.</i>	X	X		X					X		X						
Describe the current organizational structure for managing the GIS Program from a policy and technical standpoint. List participants.													X				
Name any other municipal or county agencies in your jurisdiction that manage their own GIS data?									X								
What is the purpose or objective of your organization's GIS Program?													X				
Please summarize your division or work unit mission.																X	
How important are maps and geographically referenced information to your office's mission?																X	
What are the major limitations faced by your office in accessing or processing maps and geographically-referenced information that may be eased or eliminated with proper implementation of a GIS?																X	
Identify possible business needs that will drive GIS development and use and rate their importance.																X	

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What is the status of GIS at your agency/organization? What is the phase of GIS development?				X									X			X	
How long has your organization been involved with GIS?/ Program Start Date/Anticipated Completion Date							X						X				
<i>Within your organization, indicate which departments are creating, maintaining, inventorying, distributing, or using digital geographic data (or GIS).</i>	X	X		X			X				X				X		
Which office or group leads your overall GIS?							X								X		
Are GIS functions centrally administered or split among different departments?									X								
What types of GIS services from the list below should be a) centralized (possibly in a central GIS service bureau in state government), or b) distributed																X	
Did you conduct a needs assessment?							X										
Did you develop a strategic/development plan for your GIS operation?							X								X		
Is your GIS development plan published?															X		
Did you receive outside assistance in the planning/design phase of the program?													X				
What vendor was used?													X				
How many full-time and part-time employees are involved in GIS?						X	X			X			X	X			

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List GIS personnel's titles, %GIS, base salary, program, funding, and name.						X											
List the approximate dollar amounts to indicate your current GIS expenditures for hardware/software, data creation and update, GIS applications, training, salaries, other							X										
Please rank in order of severity any limitations, obstacles, or problems that your organization faces in implementing GIS or in operating a GIS program.																X	
To whom does the Land Information Officer report?																	X
Does the Land Information Officer have other duties? If yes, identify the percent of the job that is LIO related.																	X
Including the land Information Officer, indicate the total number of full time equivalent staff positions allocated to Land Information Office activities.																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
4. Funding																	
What are the sources of funding of your GIS activities?						X	X						X				
Auditor's Office													X				
Auditor % total funding													X				
Commissioner's Approval													X				
Commissioner % total funding													X				
External Funding Source													X				
External % total funding													X				
Other funding sources													X				
Other % total funding													X				
Engineer's Office													X				
Engineer % total funding													X				
Conveyance Tax Increase													X				
Conveyance % total funding													X				
Grant													X				
Grant (who, what where)													X				
Bond																	

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5. Software and Data																	
What software does your organization use? (e.g., GIS, CAD, Remote Sensing; company, version)	X	X	X	X	X	X	X		X	X	X		X	X		X	X
Please indicate the primary vendor of GIS mapping software possessed by various county departments																	X
How many GIS software licenses does your organization maintain?						X										X	
Approximate number of users?																	
Indicate the Database Management Systems that you use?					X		X		X				X			X	X
Other software used?					X								X			X	
What CAMA package are you using?													X				
Did you develop your database design in-house?													X				
If no, what vendor was used to perform this work?													X				
How much of your database design was based on your software application?													X				
Operating system used for GIS, CAD, Image Processing, or Server?					X				X	X			X			X	
List name/model and manufacturer of hardware used? (Also, MHz, RAM, storage, and purpose)					X	X				X			X			X	
List name/model, manufacturer, and version of peripherals used (e.g., distribution media)					X	X			X	X			X			X	

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
How is your existing communication network set-up? (Network, Stand-alone; e.g., dedicated T1 to state WAN)						X							X			X	
Network Software																X	
Identify metadata software used.																	X
Do you use a GPS receiver? If yes, what grade receiver do you use? (Survey, Mapping, Recreational) If yes, are your readings differentially corrected?									X	X				X			
What units of measurement do you prefer/use (int'l feet, survey ft, meters, nautical miles, etc)							X		X								
What Map Projection/Coordinate systems do you prefer/use? Zone?							X		X				X				X
What horizontal datum do you prefer/use? Adjustment?									X				X				X
What vertical datum do you prefer/use?									X								X
Does your county have the ability to convert non-compliant data to the coordinate system used by your county?																	X
Does your organization use USGS 1:24,000 scale paper Topographic maps or Digital Raster Graphics (DRG)? If yes, how?									X								

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How do people in your organization access the organization's GIS data? (e.g., network, stand alone machines, CD, intranet, internet, other)				X													
What are your on-line access options? (Internet download, ftp, Internet map application)									X								
How did you acquire your base map data?				X													

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6. Metadata																	
Have you documented your data by creating metadata for them?				X	X							X		X			
Do you maintain FGDC compliant metadata?															X		
For approximately what percentage of the GIS data sets that your organization develops do you keep and maintain metadata?							X							X			
For approximately what percentage of the GIS data sets that your organization developed are compliant in respect to content and style with the FGDC Content Standard for Digital Geospatial Metadata?							X										
If you have metadata, how do you capture it?							X										
In what format do you store your metadata?									X						X		

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7. Data Sharing/Partnering																	
<i>Does your organization participate with a geographic data coordinating council, committee, task force, or user group, etc?</i>	X	X					X				X				X		
<i>List the two geographic data coordinating councils or groups you are most active with</i>	X	X									X						
What are the main limitations or obstacles that must be overcome to achieve greater coordination and benefits from GIS?																X	
What are your ideas about an organizational structure and staff to support GIS coordination and use?																X	
Is there a need for better coordination, joint programs, etc. between state agencies, COGs, and local governments in the State? Give some examples where better coordination or collaboration is important.																X	
<i>Does your organization share data with other organizations?</i>	X	X		X			X				X		X	X		X	
What data are you sharing? With Whom? (Private, General Public, Other Government)												X	X				
How is the data shared?														X			
If not, do you anticipate sharing data in the future? If so, what data do you anticipate sharing?													X				

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Can outside users access your data and if so, how? (Custom maps on Internet site, download data over the Internet, user must request data, data is not shared)										X							
Do you make your data available through Internet or on-line access?									X								
<i>Does your organization have an Access Policy/Distribution Policy?</i>	X	X		X	X		X				X				X		
Does your organization distribute data?													X		X	X	
In what file formats are your organization able to distribute data?					X				X				X				
How are you distributing data? (Internet, hardcopy, FTP, tape, floppy disk) Web address?													X				
Anticipated costs for these services													X				
Does your organization distribute GIS data through the Enhanced Access to Public Records Act?							X										
Does your organization maintain intergovernmental agreements for distribution and sharing of geographic data? Provide an example.							X										
<i>Does your organization permit others to redistribute its data? (Yes, Yes with restrictions, No)</i>	X	X					X		X		X						
<i>Does your organization advertise in data catalogs, clearinghouses, or other inventory efforts?</i>	X	X					X				X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Does your organization have a product catalog or other means to view data holdings? How is it accessed? / Do you maintain a current list of all your GIS layers? If yes, how is it available? (Hardcopy, Web site, NSDI Clearinghouse)							X		X								
Do you normally restrict access to your data?							X		X								
Is your system set up for cost-recovery or open access?															X		
Do you normally charge for data?									X				X				
If yes, describe your fee/pricing schedule.									X				X				
Are you generating any revenue? Estimates?													X				
Would you be available to make presentations to others about your experiences?							X										
Has the county acquired and/or combined digital spatial data from municipalities within the county to study a cross-jurisdictional issue?																	X
Has the county acquired and/or combined digital spatial data with adjacent counties to study a cross-jurisdictional issue?																	X
Does your county have formal (written) or informal arrangements with other entities?																	X

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Please list the institutional arrangements that exist for your county. Indicate which agencies participate and if the nature of the arrangement is formal (written) or informal (verbal) or are to be negotiated in the future.																	X
Indicate the number of formal (written) or informal (verbal) county has with each of the following types of entities.																	X
Copy and paste a sample arrangement into the text box below, if applicable.																	X
Does your county use any of the following means to provide public access to digital spatial data? Public access terminal; Electronic kiosk; Compact disc or other media; Internet web site --- please specify URL; Dial-up or FTP access (please specify IP Address); Other																	X
If your county has a web site for public access, what functions are available? View spatial data; View tabular data; View static maps; View static tables; Make maps; Query tabular data; View GIS product catalog; View Metadata; Download data; Order data; View information policies; Track land information events; Other																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Does your county have plans to provide access to digital spatial data through the Wisconsin Land Information Clearinghouse (WISCLINC)?																	X
Does your county have plans to provide access to metadata about digital spatial data through the Wisconsin Land Information Clearinghouse (WISCLINC)?																	X
Has your county developed a formal information sharing policy that addresses issues such as pricing, copyright, privacy, liability, data sharing, etc.?																	X
Does your county utilize any of the following when providing digital spatial data to other government agencies? Copyright; License agreement; Restrictions on dissemination of data; Charge for the cost of reproduction; Charge in addition to the cost of reproduction; Other																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
8. Skill Sets and Personnel Needs																	
Enter one or more terms that describe your professional or research interests.					X												
Which of the following GIS skill sets (or experiences) does your agency require or prefer for the following GIS positions? GIS Programmer, GIS Administrator/Systems Administrator, GIS Manager, GIS Analyst, GIS Technician							X										
What is the number of expected personnel needed within each category listed above?/Anticipated Staff?							X						X				
Hiring (Outside Hiring, Train Existing Personnel)													X				
Have you developed position descriptions/job characteristics for these positions?													X				
Rate the following activities based on the amount of activity. Communications is the mechanism to disseminate information. Education and training is based on learning concepts and “hands-on” experience. Please rank the amount of activity from 1-5, where 5 indicates a high degree of activity. Communications; Training and education																	X

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Does your county support any of the following activities? Publishes a land information newsletter; Provides financial support to attend land information conferences; Sponsors land information conferences; Sponsors land information training seminars for staff members; Sponsors land information training seminars and short courses for professionals outside the county; Provides support for staff to obtain degrees in related fields																	X

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9. Training																	
Would your organization be willing to work with other organizations to schedule training?							X										
Would your organization be willing to participate in regionally organized training sessions?							X										
Does your organization provide formal in-house training?							X									X	
If yes, does your organization offer this training to outside agencies?							X										
What methods does your organization utilize to obtain formal training?							X										
Indicate where training is desired or where in-house training is being provided for the following: orientation, GIS-related software packages, database software packages, computer programming and system administrative related skills, metadata, strategic planning, project management?							X									X	
Do you have a budget for GIS training?										X							
How many employees have received formal training in GIS?										X							
For how many employees do you plan to provide GIS training in next 2 years?										X							

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How far are you willing to send your employees for training?										X							
What kind of guidance documents would be useful? (Mapping standards, RFP specifications, statewide GIS plan, other)										X							

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10. GIS Related Activities and Data Sets																	
List & describe primary GIS applications/activities, frequency, and associated data sets				X	X	X	X	X		X			X			X	
Approximate costs associated with projects/applications						X											
List & describe priority data sets					X	X		X				X		X			
Type of data/Theme						X		X						X			
Select scale closest to your need						X		X									
Coverage/Extent/Jurisdiction						X						X					
Georeference						X											
Source of data						X											
Linked databases						X											
Funding Source						X											
Reasons current data is inadequate								X								X	
Date of creation														X			

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
11. Themes																	
Do you use, create, distribute, integrate, update, or need the following themes? (Check boxes for each.)							X									X	
Do you have metadata for these themes? (Check boxes)							X										
Do these themes have use restrictions? (Check boxes)							X										
Give the status, source, scale, media, and notes for the following themes?										X						X	
Scale of planimetric detail										X			X			X	
Please indicate whether the following themes are stored as a layer (a single unique theme), as a derivable (can be selected from a larger layer) or no data available.									X								
Natural (e.g., bedrock, glacial geology, sand dunes, forestry, geology, habitat, soils, wetlands, shorelines, etc.)							X		X	X				X		X	
Resources, Land Management (e.g., land use, wells, pipelines, ag land, sewer lines, etc)							X		X	X				X		X	
Environmental (e.g., brown fields, hazardous waste, water treatment sites, landfills, etc)							X		X	X				X		X	
Cadastral (e.g., parcel ownership, taxation, use, row, state owned lands)							X		X	X				X		X	
Transportation (e.g., airports, bike paths, bus routes, bridges, road centerlines, row, trails, TAZ)							X		X	X				X		X	

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Various Site Locations (e.g., hospitals, landmarks, parks, power plants, local institutions, etc.)							X		X	X				X		X	
People/Public Administration (e.g., census geography, cemeteries, crime incidents, emergency response areas, voting, etc)							X		X	X				X		X	
Geographic Referencing (geodetic control, linear referencing system, PLSS, section corners, USGS quads)							X							X		X	
Flood Hazard/Flood Control Structures									X							X	
Miscellaneous (aerial photography, digital orthoimagery, satellite imagery)							X		X								
Indicate the geographic area or extent covered by these themes.							X			X						X	
Source Agency/Maintained by?																X	
What planimetric data was captured? (Geodetic control, hydrology, edge of pavement, road and centerline network, building/structure outline, manholes, hydrants, catch basins, poles, other)													X				
Start and Completion Dates of Planimetric Detail													X				
Horizontal accuracy													X				
Vendor used to perform this work?													X				
How will this info be updated?													X				

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12. External Data Sources																	
What State data has been integrated with GIS? (Soils, Land Cover, other)													X				
What Federal data has been integrated with GIS? (TIGER, USGS, FEMA, NASA, other)													X				

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13. Framework Data																	
<i>Does your organization create, update, integrate, or distribute framework data?</i>	X	X									X						
<i>Estimate the number of full time employees in your organization currently involved in development, inventory, coordination, integration, or distribution of framework data.</i>	X	X									X						
<i>What incentives do you find most helpful for creating, updating, integrating, or distributing framework data?</i>	X	X									X						
13 a. Cadastral Reference System																	
<i>Do you create, update, integrate or distribute framework cadastral reference system data?</i>	X	X									X						
<i>Does your organization create cadastral reference system data? (Currently do, Plan to do, No plans to do)</i>	X	X					X				X						
<i>To what level has your organization created digital cadastral reference system data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X									X						

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<i>Does your organization coordinate cadastral reference system data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update cadastral reference system data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization integrate cadastral reference system data with other organizations' cadastral reference system data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization create and maintain cadastral reference system metadata? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X									X						
<i>Does your organization distribute cadastral reference system data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing cadastral reference system data?</i>	X	X									X						

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<i>Which of the following best represents the approximate positional accuracy of the majority of your cadastral reference system data?</i>	X	X									X						
Does your county have an active remonumentation program?																	X
How many PLSS corners (section, ¼, meander) in your county have been remonumented meeting or exceeding 1970 Wisconsin statute requirements?																	X
When PLSS corners in your county are being remonumented or reestablished, are coordinates developed and tied to the geodetic control network?																	X
How many PLSS corners in your county have FGCC Third Order Class 1 coordinate values?																	X

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13 b. Cadastral Public Land Ownership																	
<i>Do you create, update, integrate or distribute framework cadastral publicly owned units data?</i>	X	X							X		X						
<i>Does your organization create cadastral publicly-owned units data? (Currently do, Plan to do, No plans to do)</i>	X	X					X		X		X						
<i>If yes, what attributes are used to identify them?</i>									X								
<i>To what level has your organization created digital cadastral publicly-owned units data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X							X		X						
<i>Does your organization coordinate cadastral publicly-owned units data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update cadastral publicly-owned units data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization integrate cadastral publicly-owned units data with other organizations' cadastral publicly-owned units data? (Completed, Work in progress, Planned)</i>	X	X					X				X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
<i>Does your organization create and maintain cadastral publicly-owned units metadata? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X							X		X						
<i>Does your organization distribute cadastral publicly-owned units data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing cadastral publicly-owned units data?</i>	X	X									X						
<i>Which of the following best represents the approximate positional accuracy of the majority of your cadastral publicly-owned units data?</i>	X	X							X		X						
<i>Is this data a subset of your parcel data?</i>									X								
<i>If yes, are the sources of the parcel data and publicly owned lands data the same data the same?</i>									X								
<i>What general methods were used to create the data? (COGO, GPS, Photo interpretation, Digitizing/scanning, other)</i>									X								

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If maps or hardcopy aerial photographs were used to derive the data, what map scales were used? Check all that apply.									X								
What is the horizontal accuracy of the data?									X								
How are feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								
Native file format in which the data is stored?									X								
Total number of files? Total file size in MB?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 c. Cadastral Private Land Ownership																	
<i>Do you create, update, integrate or distribute framework cadastral privately-owned units data?</i>	X	X					X		X		X						
Has your county created or acquired digital parcel mapping?																	X
What is the status of the data? (Complete and current to what date? In progress, projected completion date?)									X								
What percentage of the total parcels in your county are in digital form, including cities, villages, and towns?																	X
Have cities, villages, and towns in your county developed their own digital parcel mapping?																	X
Approximately how many parcels are currently in your county/jurisdiction?			X						X				X				X
Does your organization maintain/update the data? If yes, how often? If no, who maintains the data?			X						X								
Digital parcel mapping for your county was... Completed by an outside vendor; Completed "in-house" by county staff; or combination																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Digital parcel mapping for your county are now... Maintained by an outside vendor; Maintained "in-house" by county staff; or combination																	X
How many new parcels have been added to the digest between Jan 1, 1997 and Dec 31, 19991?			X														
Which appraisal system will you be using?			X														
Do you have any parcel line data in an electronic format (i.e., GIS or CAD)?			X												X		
Give the name, title, employer, and telephone number at the tax assessor's office who is the most knowledgeable about your data, be it electronic or otherwise.			X														
What is the source of digital parcel maps?/What general methods were used to create the data? (COGO, Existing digital data, GPS, hard copy, aerial photography, other)			X						X	X							X
If maps or hardcopy aerial photographs were used to derive the data, what map scales were used?									X								
What is the source scale?																X	
What is the date of creation?																X	
Categorize your digital parcel maps (Non-seamless vs. Seamless, Registered vs. Unregistered)			X														

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
What cadastral data was captured? (Original survey tracts, parcel boundaries, subdivision boundaries, lot lines and numbers, rights of way lines, rr rights of way, easements, highway drops)													X				
Which of the following graphic features do you consider as part of your digital parcel mapping? Deed/title boundaries (ownership parcels); Parcel overlaps and gaps; Tax parcel boundaries; PLSS framework; Subdivision boundaries; Administrative/political boundaries; Road rights-of-way; Railroad rights-of-way; Easements; Meandered water bodies; All water bodies (streams, rivers, ponds, and lakes); Building footprints; Building centroids; Text strings; Owner names; Hydrography; Bearings and distances; Other																	X
Do you maintain a database of property owner names and other attributes that can be linked to the Parcel Identification Number (PIN) or parcel centroid? If yes, in what format is the database?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Does the database contain any of the following items? (Parcel owner, Type of ownership, FIPS code, building value, parcel address, zoning, acreage, assessed value, owner address, land use, land value, date of construction, deed book and page, number of structures)?									X								
Is the cadastral data linked to assessment data? Data items/layers associated with property?													X				
Does your county's digital parcel mapping have topology? (For the purpose of this survey, topology is defined as digital parcels structured as polygons with all lines ending at a node without under- or over-shoots.)																	X
Are digital parcels coded with unique parcel identification numbers?																	X
If yes, what standards are used for developing unique parcel identification numbers?																	X
Can a linkage be made between digital parcel mapping and tax roll/assessment databases? (e.g., to support thematic mapping of attributes such as assessed value, assessment class, and ownership)																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
How are the feature labels stored? (GIS attributes, Graphic Text/Annotation, other, none)									X								
Do the data meet the NC Land Records Management Program specifications?									X								
What is the positional (horizontal) accuracy of the data?									X								
Coordinate System/map projection, Datum, Unit of Measurement?			X						X								
What is the native file format in which the data is stored?									X								
Total number of files? Total file size in megabytes?									X								
In what format do you store your metadata? (FGDC-compliant, locally defined, data dictionary, no metadata)									X								
Vendor used to perform this work?													X				
How will this info be updated?													X				
Quality control used?													X				
Did you develop quality control procedures?													X				

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 d. Digital Orthophotography																	
<i>Do you create, update, integrate or distribute framework digital orthophotography data?</i>	X	X		X							X				X		
<i>Does your organization create digital orthophotography data? (Currently do, Plan to do, No plans to do)</i>	X	X					X				X		X				X
<i>If yes to (to creating or acquiring digital orthos), how much of your county is complete?</i>																	X
<i>Is it in your primary county coordinate system?</i>																	X
<i>To what level has your organization created digital orthophotography data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X							X		X						
<i>Does your organization coordinate digital orthophotography data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update digital orthophotography data? (Completed, Work in progress, Planned)</i>	X	X					X		X		X		X				X
<i>If yes, how often? /Refly cycle being considered/Date of next refly</i>									X				X				X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
If another organization maintains/ updates this data, who is it?									X								
How will photography be updated?													X				
<i>Does your organization integrate digital orthophotography data with other organizations' digital orthophotography data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization create and maintain digital orthophotography metadata? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X							X		X						
<i>Does your organization distribute digital orthophotography data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing digital orthophotography data?</i>	X	X		X							X						
<i>Which of the following best represents the approximate accuracy of the majority of your digital orthophotography data?</i>	X	X		X					X		X		X				

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Do you have any aerial photographs in digital form other than DOQQs? If so, categorize what you have (Plane Rectified, Ortho Rectified, Unrectified)			X														
What is the date of the latest photography used in the tax assessor's office in either digital or paper/mylar format?			X														
Give the name, title, employer, and telephone number at the tax assessor's office who is the most knowledgeable about your data, be it electronic or otherwise.			X														
Flight date? Completion date? Or Anticipated flight date and anticipated completion date?/Currency									X				X	X	X		X
Imagery Type (color IR, True Color, B/W)									X				X				X
What map scales were used to collect the images? Pixel Resolution? Area covered?									X				X	X	X		X
Is there an index file showing the image extents? If yes, what format is it in?									X								
If scanning photographic media produced the digital imagery, do you know the dots per inch used in the scanning process?									X								
Coordinate system, datum, unit of measure?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
In what format/s is this set of imagery available? (Format, Compressed) Total number of files? Total size in MB?									X								
Was a Digital Elevation Model created to support contour development?													X				
Vendor used to perform this work?													X				
Was/Is quality control used?													X				
What method of quality control was/is used?													X				

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 e. Elevation Data																	
<i>Do you create, update, integrate or distribute framework elevation data?</i>	X	X		X							X				X		X
<i>Does your organization create elevation data? (Currently do, Plan to do, No plans to do)</i>	X	X					X		X	X	X		X				
<i>To what level has your organization created digital elevation data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X							X		X						
<i>Data is current to what date? Projected completion date?</i>									X				X		X		
<i>Does your organization coordinate elevation data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update elevation data? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						
<i>If yes, how often? If another organization maintains/updates this data, who is it?</i>									X								
<i>Does your organization integrate elevation data with other organizations' elevation data? (Completed, Work in progress, Planned)</i>	X	X					X				X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
<i>Does your organization create and maintain elevation metadata? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X									X						
<i>Does your organization distribute elevation data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing elevation data?</i>	X	X		X							X						
<i>Which of the following best represents the approximate vertical accuracy of the majority of your elevation data?</i>	X	X		X					X		X						
<i>Which of the following best represents the approximate horizontal accuracy of the majority of your elevation data?</i>	X	X		X					X		X						
<i>What is the source of the data?/Method of acquisition? (Existing digital data, GPS, hardcopy, aerial photograph, USGS DEMS, LIDAR, IFSAR)</i>									X	X			X				
<i>What is the source scale of the data?</i>									X	X					X		

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Type of Data (contours & interval, spot heights, DEM & post spacing, DTM, TIN)									X					X	X		X
Contour Interval													X		X		
How are the feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								
Coordinate system, datum, unit of measure									X				X				
Vendor used to perform this work?													X				
How will this info be updated?													X				

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 f. Geodetic Control																	
<i>Do you create, update, integrate or distribute framework geodetic control data?</i>	X	X		X							X						
<i>Indicate what type of data (sub-categories) is included in your geodetic control framework data (Vertical geodetic control, Horizontal geodetic control.)</i>	X	X		X			X				X						
<i>Does your organization create geodetic control data? (Currently do, Plan to do, No plans to do)</i>	X	X					X				X		X				
<i>To what level has your organization created digital geodetic control data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization coordinate geodetic control data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update geodetic control data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization integrate geodetic control data with other organizations' geodetic control data? (Completed, Work in progress, Planned)</i>	X	X					X				X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
<i>Does your organization create and maintain geodetic control metadata? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X									X						
<i>Does your organization distribute geodetic control data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing geodetic control data?</i>	X	X		X													
<i>Which of the following best represents the approximate horizontal accuracy of the majority of your geodetic control data?</i>	X	X		X													
<i>Which of the following best represents the approximate vertical accuracy of the majority of your geodetic control data?</i>	X	X		X													
Geodetic Control/Monumentation Start Date and Completion Date													X				
Number of Points													X				
Order of Accuracy													X				
Were Section corners used?													X				

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Control to Support (GIS, Mapping Conversion, Photography, All)													X				
Were control points bluebooked by NGS? (Submitted, Accepted, Not Submitted)													X				
Vendor used to perform this work?													X				
How will this info be updated?													X				
Does your county have a horizontal geodetic control network that pre-dates or is not based on the Wisconsin HARN?																	X
Has your county developed a densified horizontal control network using the Wisconsin HARN?																	X
If yes, were WLIB, FGCS, and/or WisDOT guidelines followed in the densification of the HARN?																	X
If densification of the horizontal control network has been initiated, how much densification work has been completed within your county?																	X
Were the horizontal control stations for your county blue booked (i.e. conform to the Input Formats and Specifications of the National Geodetic Survey Data Base of the Federal Geodetic Control Subcommittee) and submitted to the National Geodetic Survey for inclusion in their national database?																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Has your county developed a densified vertical control network based on the National Spatial Reference System?																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 g. Government Units																	
<i>Do you create, update, integrate or distribute framework government units data?</i>	X	X		X					X		X						
<i>Does your organization create government units data? (Currently do, Plan to do, No plans to do)</i>	X	X					X		X		X						
<i>To what level has your organization created digital government units data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization coordinate government units data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update government units data? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						
<i>Does your organization integrate government units data with other organizations' government units data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization create and maintain government units metadata? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X							X		X						
<i>Does your organization distribute government units data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing government units data?</i>	X	X		X							X						
<i>Which of the following best represents the approximate positional accuracy of the majority of your government units data?</i>	X	X		X					X		X						
<i>Does your county have digital mapping of administrative boundaries?</i>																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI	
Which of the following administrative boundaries are locally produced (excluding TIGER)? County Boundaries; Minor civil divisions (cities, villages, and towns); Sewerage districts; Water supply districts; Electric utility districts; Gas utility districts; Phone utility districts; Cable television utility districts; Legislative districts; Voting ward boundaries; Tax increment financing districts; School districts; Lake districts; Census geographies (tracts, block groups, blocks); Native American reservations; Agency administrative districts; Zip codes; Public lands; 911/E911 service areas; Other																		X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 h. County Boundaries																	
Is this data a subset of your parcel data?									X								
If yes, are the sources of the parcel data and county boundary data the same?									X								
What is the status of the data? (Complete & Data is current to what date? Or In-progress & Projected completion date)									X								
Does your organization maintain/update the data? If yes, how often? If no, who maintains the data?									X								
What general methods were used to create the data? (COGO, GPS, Photo interpretation, Digitizing/scanning, other)									X								
Do you have complete coverage for your jurisdiction? If no, for what area/s do you have it?									X								
If maps or hardcopy aerial photographs were used to derive the data, what map scales were used? Check all that apply.									X								
What is the horizontal accuracy of the data?									X								
How are feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Native file format in which the data is stored?									X								
Total number of files? Total file size in MB?									X								
In what format do you store your metadata? (FGDC-compliant, locally defined, data dictionary, none)									X								
Have any county boundaries been surveyed since 1970? If “all” or “some”, what is the date of most recent survey? Do you plan to update a boundary survey in the next 3 years?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 i. Extraterritorial Jurisdictions																	
Is this data a subset of your parcel data?									X								
If yes, are the sources of the parcel data and ETJ boundary data the same?									X								
What is the status of the data? (Complete & Data is current to what date? Or In-progress & Projected completion date)									X								
Does your organization maintain/update the data? If yes, how often? If no, who maintains the data?									X								
What general methods were used to create the data? (COGO, GPS, Photo interpretation, Digitizing/scanning, other)									X								
Do you have complete coverage for your jurisdiction? If no, for what area/s do you have it?									X								
If maps or hardcopy aerial photographs were used to derive the data, what map scales were used? Check all that apply.									X								
What is the horizontal accuracy of the data?									X								
How are feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Native file format in which the data is stored?									X								
Total number of files? Total file size in MB?									X								
In what format do you store your metadata? (FGDC-compliant, locally defined, data dictionary, none)									X								
In what format do you store your metadata? (FGDC-compliant, locally defined, data dictionary, none)									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 j. Municipal Boundary																	
Is this data a subset of your parcel data?									X								
If yes, are the sources of the parcel data and municipal boundary data the same?									X								
What is the status of the data? (Complete & Data is current to what date? Or In-progress & Projected completion date)									X								
Does your organization maintain/update the data? If yes, how often? If no, who maintains the data?									X								
What general methods were used to create the data? (COGO, GPS, Photo interpretation, Digitizing/scanning, other)									X								
Do you have complete coverage for your jurisdiction? If no, for what area/s do you have it?									X								
If maps or hardcopy aerial photographs were used to derive the data, what map scales were used? Check all that apply.									X								
What is the horizontal accuracy of the data?									X								
How are feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Native file format in which the data is stored?									X								
Total number of files? Total file size in MB?									X								
In what format do you store your metadata? (FGDC-compliant, locally defined, data dictionary, none)									X								
In what format do you store your metadata? (FGDC-compliant, locally defined, data dictionary, none)									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 k. Hydrography																	
<i>Do you create, update, integrate or distribute framework hydrography data?</i>	X	X		X					X		X				X		
<i>Does your organization create hydrography data? (Currently do, Plan to do, No plans to do)</i>	X	X					X		X	X	X						
<i>To what level has your organization created digital hydrography data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X							X		X						
<i>Does your organization coordinate hydrography data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update hydrography data? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						
<i>If yes, how often? If no, who maintains the data?</i>									X								
<i>Does your organization integrate hydrography data with other organizations' hydrography data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization create and maintain hydrography metadata? (Completed, Work in progress, Planned)</i>	X	X					X				X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X									X						
<i>Does your organization distribute hydrography data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing hydrography data?</i>	X	X		X							X						
<i>Which of the following best represents the approximate positional accuracy of the majority of your hydrography data?</i>	X	X		X					X		X						
Indicate what type of data (sub-categories) is included in your hydrography framework data (e.g., lakes, rivers, canals, ponds, streams, shorelines, sinking streams)				X													
What is the source of the data?/Method used for creation? (COGO, GPS, Photo interpretation, Digitizing/scanning Existing digital data, other)									X	X							
What is the scale of the data?										X					X		
What is the creation date?															X		
If the data was not created by the agency or its contractor, who was the data source?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
If maps or hardcopy aerial photographs were used to derive the data, what map scales were used? Check all that apply.									X								
Which of the following attributes are available? (Stream name, Stream class, Stream order, Stream type, other, none)									X								
How are feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								
Native file format in which the data is stored?									X								
Total number of files? Total file size in MB?									X								
In what format do you store your metadata? (FGDC-compliant, locally defined, data dictionary, none)									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
13 I. Transportation Data																	
<i>Do you create, update, integrate or distribute framework transportation data?</i>	X	X		X					X		X						X
What type of street network mapping does the county have? Digital; Hard Copy Only; None																	X
If the county has digital and/or hardcopy street network mapping, how much of the county is complete? Digital; Hard Copy																	X
<i>Indicate what type of data (sub-categories) is included in your transportation framework data (e.g., roads, trails, railroads, etc.)</i>	X	X		X			X				X						X
<i>Does your organization create transportation data? (Currently do, Plan to do, No plans to do)</i>	X	X					X		X	X	X						X
<i>To what level has your organization created digital transportation data covering your service or jurisdiction area? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization coordinate transportation data creation with other organizations? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Does your organization revise/update transportation data? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
If yes, how often? If no, who maintains the data?									X								
How current is your street network data? Digital; Hard Copy																	X
<i>Does the road data include street addresses or linear reference system information?</i>	X	X		X							X			X			
<i>Does your organization integrate transportation data with other organizations' transportation data? (Completed, Work in progress, Planned)</i>	X	X					X				X						
<i>Does your organization create and maintain transportation metadata? (Completed, Work in progress, Planned)</i>	X	X					X		X		X						
<i>Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)</i>	X	X							X		X						
<i>Does your organization distribute transportation data to other users? (Completed, Work in progress, Planned)</i>	X	X									X						
<i>Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing transportation data?</i>	X	X		X							X						
<i>Which of the following best represents the approximate positional accuracy of the majority of your transportation data?</i>	X	X		X					X		X						

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
What is the source of the data? (Existing digital data, GPS, hard copy, aerial photography, other)/ What general methods were used to create the data? (COGO, GPS, Photo interpretation, Digitizing/scanning, other)									X	X			X				
What are the methods used for compiling street network data?																	X
What sources of road data does your jurisdiction manage? (E911 system data, parcel data, separate GIS layer, other)									X					X			
What is the best source for ROAD LOCATIONS in your jurisdiction? What is the best source for ROAD NAMES in your jurisdiction? (E911 system data, parcel data, separate GIS layer, other) If two separate sources were identified, can the locations and names be combined into one file?									X								
Road representation (street centerlines, edge of pavement, right of way)									X				X				
Which of the following information do the data contain? (Road names, route numbers, road type, road description, road direction, street addresses, address ranges, ZIP codes)									X					X			
Is this data a subset of your parcel data?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
If yes, are the sources of the parcel and transportation data the same?									X								
What is the scale of the data?										X					X		
What is the creation date?																	
If maps or hardcopy aerial photographs were used to derive the data, what map scales were used? Check all that apply.									X								
How are feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								
Coordinate system, Datum, Unit of Measurement?									X								
Native file format in which the data is stored?									X								
Total number of files? Total file size in MB?									X								
Do you have an E911 system? If yes, addresses are linked to (Street centerlines, point locations, other) Who manages this data?									X								
Start and Completion Dates of centerline development													X				
Is your centerline data being used to support 911?													X				
Vendor used to perform this work?													X				
How will this info be updated?													X				
Does the digital street network system for the county include information on individual street addresses?																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Does the digital street network system for the county include information on street address ranges?																	X
Is address information linked to digital mapping of the street centerline for the county?																	X
Is address information linked to digital mapping of buildings for the county?																	X
Does your county follow United States Postal Service addressing standards?																	X
What type of addressing system does your county generally use?																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
14. Other GIS Data																	
14 a. Floodplain Mapping																	
Do you create, update, integrate or distribute framework floodplain data?		X															
Does your organization create floodplain data? (Currently do, Plan to do, No plans to do)		X							X								
To what level has your organization created digital floodplain data covering your service or jurisdiction area? (Completed, Work in progress, Planned)		X							X								
Does your organization coordinate floodplain data creation with other organizations? (Completed, Work in progress, Planned)		X															
Does your organization revise/update floodplain data? (Completed, Work in progress, Planned)		X							X								
If yes, how often?									X								
Does your organization integrate floodplain data with other organizations' floodplain data? (Completed, Work in progress, Planned)		X															

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
Does your organization create and maintain floodplain data metadata? (Completed, Work in progress, Planned)		X							X								
Is the metadata compliant with the FGDC Content Standard for Digital Geospatial Metadata? (Yes, No, Not Sure)		X							X								
Does your organization distribute floodplain data to other users? (Completed, Work in progress, Planned)		X															
Estimate the amount your organization spends annually on creating, updating, integrating, and/or distributing floodplain data?		X															
Which of the following best represents the approximate positional accuracy of the majority of your floodplain data?		X							X								
Data contains (100-yr floodplains, 500-yr floodplains, base flood elevations or depths and values, coastal barrier resources system areas, floodways, zone labels, cross sections)									X								
Are Letters of Map Amendment or Letters of Map Revision included? Are data for other flood frequencies available? Do you maintain hydrologic and hydraulic analyses for future conditions?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
If maps or hardcopy aerial photographs were used to derive the data, what map scales were used? Check all that apply.									X								
What is the horizontal accuracy of the data?									X								
How are feature labels stored? (GIS attributes, graphic text/annotation, other, none)									X								
Native file format in which the data is stored?									X								
Total number of files? Total file size in MB?									X								
Will you allow your organization's data to be used in the Floodplain Mapping Program?									X								
Do you intend to charge for data used in the Floodplain Mapping Program? If charging for data precludes the use of your data do you still intend to charge?									X								
Will you allow your data that is used in the Floodplain Mapping Program to be redistributed to other users? To whom could it be redistributed?									X								
Will you allow the CGIA to charge a recovery cost on hard copy or media copies as part of a distribution program?									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
<p>Would you allow CGIA to make your data available through a web mapping type of application to enable the public to view your data with other data sets like flood plain boundaries, imagery, and other local data sets? (Viewable only, viewable and downloadable, neither)</p> <p>If viewable only, will your office support direct distribution requests?</p>									X								

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
14 b. Digital Base Maps																	
Has your county created or acquired a digital base map in vector format?																	X
Which of the following features do you include as part of your digital base map? Building footprints; Building centroids; Address points; Surface hydrography; Wetlands and swamps; Street centerlines; Center of right-of-way; Street edge of pavement; Railroads; Driveways; Parking lots; Sidewalks; Trees and wooded areas; Utility poles and towers; Fencelines; Municipal and County boundaries; Other																	X
Which of the following best represents the compilation scale of digital base mapping maintained by your county?																	X
Have cities, villages, and towns in your county developed their own digital base maps?																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
14 c. Zoning																	
Does your county have zoning?																	X
Has your county created or acquired digital mapping of zoning boundaries?																	X
If no, does your county intend to create or acquire digital mapping of zoning boundaries?																	X
Does your county have separate series of maps depicting the following zoning elements in digital form? Shoreland zones; Wetland zones; Floodplain zones; General ordinance zones (residential, commercial, industrial, agricultural, etc.); Environmental corridors; Urban Service Areas; Steep Slopes; Other																	X
Is general ordinance zoning (residential, commercial, industrial, etc.) administered on a countywide basis?																	X
Does the county presently have the capability to integrate multiple types of zoning boundaries into a single comprehensive zoning map in a digital format?																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
14 d. Soils																	
Has your county acquired digital soils data from the U.S. Department of Agriculture, Natural Resources Conservation Service?																	X
If yes, has your county modified or refined NRCS digital soils data?																	X
Has your county acquired or developed digital soils data from another source? (Note: This refers to the source of the digital data only; the original source material -- soil surveys -- may still be from NRCS)																	X
If yes, is it in a format consistent with the counties primary coordinate system?																	X

14 e. Wetlands																		
Has your county acquired digital Wisconsin Wetlands Inventory data from the Wisconsin Department of Natural Resources? If no, why not.																		X
If yes, has your county modified or refined digital Wisconsin Wetlands Inventory data?																		X
Has your county acquired or developed digital wetlands data from another source? If yes, please describe the source for digital wetlands other than WWI.																		X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
14 f. Land Use Mapping																	
What type of land use mapping does the county have?																	X
If the county has digital and/or hard copy land use mapping, how much of the county is complete?																	X
If the county has digital and/or hard copy land use mapping, what time period does that mapping represent?																	X
If the county does not currently have land use mapping in digital form, do you intend to create it?																	X
What classification system do you use for land use mapping?																	X
What is the source for digital land use mapping in the county?																	X
14 g. Natural Resources																	
Does your county have digital mapping of natural resources?																	X
Which of the following natural resources are mapped in digital format? Land cover; Geology; Watersheds; Hydrogeology; Forests; Hydrography; Endangered resources; Impacts on the environment, Other																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
14 h. Infrastructure and Facilities Management																	
Does your county have digital mapping of infrastructure systems?																	X
Which of the following infrastructure features are mapped in digital format? Railroads; Harbors; Transit systems; Airports; Recreational trails; Natural gas network; Electric network; Sewer network; Water network; Phone network; Telecommunications network; Government facilities; Other																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
15. Completion Time																	
Assuming the WLIB policy of completing as many of the foundational elements by the sunset date of August 31, 2003, when do you contemplate completing the following spatial data elements in digital form? Densification of horizontal control from (HARN); Densification of vertical control network; Remonumentation of PLSS section corners; Coordinate values on PLSS section corners; Digital base map in vector format; Image bases (digital orthophotography); Vector elevation data (contours/spot elevations); Raster elevation data (DEM); Parcels; Zoning; Soils; Wetlands; Administrative boundaries; Street centerlines; Street addresses; Land use mapping; ;Natural resources; Infrastructure and facilities management																	X

16. GIS Services and Support					X											X	
Rank the following Land Information Board objectives in order of importance.		X															
Have you used any data from the statewide GIS data warehouse?										X							
Have you created any data that you would wish to distribute to a larger public through the statewide GIS data warehouse?										X							

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17. Town Information						X											
What towns are under your jurisdiction?						X											
Which towns use GIS?						X											
What are the contact names and telephone numbers?						X											
What software do they use?						X											
Do they have GIS staff?						X											
Which departments use GIS?						X											
What GIS data does regional group not hold? Data format?						X											
18. GIS Contracts																	
What vendors provide GIS services to you?						X											
Deliverables?						X											
Extent?						X											
Approximate cost?						X											
Funding Source?						X											

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
19. General Observations																	
Do you see GIS technology as playing an important role in your organization in the future? Explain.																X	
What is the current role of COGs in supporting GIs in your organization?																X	
What should be the future role of COGs in supporting GIs implementation and operations in the State?																X	
What type of GIS support should be provided by State government agencies?																X	
Which of the following stages most accurately describes the current stage of land information system development by your local government organization or the one with which you work most closely? no modernization activities; system initiation stage; database development stage; record keeping stage; analysis stage; democratization stage																	X
What do you consider the most significant benefit to your county that has resulted, thus far, from the Wisconsin Land Information Program?																	X

Question	FGDC	AK	GA	IN	LA	ME	MI	MN	NC	NH	NJ	NM	OH	OK	PA	SC*	WI
In the last year, how would you rate the performance of the Wisconsin Land Information Board?																	X
What are your impressions of the survey? Too short; reasonable; too long																	X
How many people were involved in completion of this survey?																	X
What was the total staff time devoted to completion of this survey?																	X
20. Additional Comments				X				X	X	X						X	
What is the biggest challenge facing the development of your GIS?										X							
21. Higher Education Centers and Institutes GIS Sub-Survey				X													