

**Which agency in your state is PRIMARILY responsible for archiving geospatial data and managing archived geo records? (choose one)**

Answer Options	Response Percent	Response Count
State GIS organization	13.8%	4
State Archives or Records	13.8%	4
State Library	0.0%	0
Other	17.2%	5
University Library	10.3%	3
Archives are decentralized: managed at the local/ county/ state agency level	17.2%	5
Our state is NOT actively archiving geospatial data	27.6%	8
	Other (please specify)	6
	<i>answered question</i>	29
	<i>skipped question</i>	0
<b>Other (please specify)</b>		
some imagery at the state level is archived, but at the department level		
State Clearinghouse at University		
DNR Land Records Information Section		
Not sure		
Mississippi Information Technology Services		
University of Wyoming Spatial Science Center		

**How long has your state had a formal geo-archives program?**

Answer Options	Response Percent	Response Count
More than 5 years	19.0%	4
3-5 years	9.5%	2
1-2 years	4.8%	1
Less than 1 year	9.5%	2
It is still in the development phase	57.1%	12
	<i>answered question</i>	21
	<i>skipped question</i>	8

**Which organizations contribute to/ are involved in your state geospatial archives program: (check all that apply)**

Answer Options	Response Percent	Response Count
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Other state(wide) agencies	66.7%	14
Counties	28.6%	6
Other	28.6%	6
Municipalities	23.8%	5
Regional Planning Councils	9.5%	2
Tribal Governments	4.8%	1
Universities	47.6%	10
Non Profits	14.3%	3
Private sector	19.0%	4
	Other (please specify)	5
		<i>answered question</i>
		<b>21</b>
		<i>skipped question</i>
		<b>8</b>
<b>Other (please specify)</b>		
federal agencies		
No program exists at this time		
Federal agencies		
We don't have a formal program		
no defined state geospatial archive program		

<b>What are the business rules or drivers for the archiving of geospatial data in your state? (check all that apply)</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Information technology policy	23.8%	5
Records retention/ archival policy	66.7%	14
Other	9.5%	2
Tax administration rules	14.3%	3
Legal or statutory purposes	23.8%	5
Change analysis (land use/land cover, population, etc)	47.6%	10
Historic mapping	38.1%	8
Cultural preservation	23.8%	5
N/A	14.3%	3

Other (please specify)	3
<b>answered question</b>	<b>21</b>
<b>skipped question</b>	<b>8</b>
<b>Other (please specify)</b>	
No program exists at this time	
We don't have a formal program	
Not clearly defined	

<b>Is geospatial data specifically addressed in agency records retention schedules?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Geospatial data is addressed in the state's general retention schedule	9.5%	2
Geospatial data is addressed consistently in all agency retention schedules.	0.0%	0
Geospatial data is addressed in some but not all agency retention schedules.	33.3%	7
Not Sure	61.9%	13
<b>answered question</b>		<b>21</b>
<b>skipped question</b>		<b>8</b>

<b>Which of the following best describes access to NON ORTHO geospatial data once it has been archived:</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Online/ open public access	28.6%	6
Online/ restricted access	9.5%	2
Offline/ by request only	42.9%	9
Media not easily accessible	4.8%	1



Municipal, county, Native American reservation, state BOUNDARIES	0	1	0	1	1	7	7	17
Legislative, congressional, senate BOUNDARIES	0	1	0	0	1	7	8	17
Elevation (contours, spot elevation)	0	1	0	1	0	3	12	17
Hydrography (watershed areas, surface waters, flood zones, wetlands)	0	1	1	1	0	4	10	17
Biological/Environmental (park/forest/vegetation info, animal habitat, landfill, superfund)	0	1	0	3	0	4	9	17
Address/Geodetic Points	0	2	1	1	0	5	8	17
Parcel/Cadastral/Land Ownership	0	1	1	1	2	3	9	17
Roads/Street Centerlines	0	2	1	1	1	5	7	17
Other transportation (airports, railroads)	0	1	0	2	0	4	10	17
Zoning/Land Use	0	1	0	0	1	3	12	17
Geology (bedrock, minerals, soils, hazards)	0	1	0	1	0	4	11	17
Utilities (water/sewer, telecom, power)	0	1	0	1	0	4	11	17
Any other VECTOR layers?(please specify)								3
<i>answered question</i>								<b>17</b>
<i>skipped question</i>								<b>12</b>
<b>Any other VECTOR layers?(please specify)</b>								
environmental layers are done on a multi-year basis as new remote sensing data is acquired.								
Layers are archived if replaced with a newer version.								
I am not aware of a clear state program or policy (very decentralized) and therefore I do not really know the answer to these questions, but there is no way to give that response								

**Are archived copies of vector data typically converted into a new format as part of the archives process? (i.e converting Geodatabase to Shapefile)**

Answer Options	Response Percent	Response Count
Yes	23.5%	4
No	52.9%	9
Not sure	23.5%	4
If YES, please explain the SOURCE and ARCHIVED formats		5
<i>answered question</i>		<b>17</b>
<i>skipped question</i>		<b>12</b>
<b>If YES, please explain the SOURCE and ARCHIVED formats</b>		
Source format is typically ESRI shapefile. Data are then input into an ArcSDE geodatabase. Archived formats are kept offline in an ESRI personal geodatabase.		
Source is SDE, Archive is file-based geodatabase.		
data is currently made available in shapefile format - I believe the data is created in GDB but am not certain		
Managed with ArcSDE, with data ingested from several data formats		
I am not aware of a clear state program or policy (very decentralized) and therefore I do not really know the answer to these questions, but there is no way to give that response		

<b>Are archived copies of vector data stored in a proprietary or open format</b>		
Answer Options	Response Percent	Response Count
Proprietary	47.1%	8
Open	35.3%	6
Not sure	17.6%	3
<i>answered question</i>		<b>17</b>
<i>skipped question</i>		<b>12</b>

<b>Which RASTER datasets does your state archive? (check all that apply)</b>		
Answer Options	Response Percent	Response Count
Digital Orthophotos	76.2%	16
Elevation (DEM)	33.3%	7
Other	14.3%	3
Land Cover	33.3%	7
Satellite imagery	47.6%	10
We don't archive raster data	9.5%	2
Other Raster layers? (please specify)		4

<i>answered question</i>	<b>21</b>
<i>skipped question</i>	<b>8</b>
<b>Other Raster layers? (please specify)</b>	
No program exists at this time	
DOQQs developed by the state are kept from years past and available online. High resolution orthos flown by counties are the property of the counties and the state cannot make them available online.	
University of Alaska; older datasets remain part of the on-line inventory available for download. Removed from "best available" layer.	
I am not aware of a clear state program or policy (very decentralized) and therefore I do not really know the answer to these questions, but there is no way to give that response	

<b>How long are superseded ORTHOPHOTOS typically retained as part of a records retention schedule or policy? (choose one)</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
10+ years	57.1%	12
5-9 Years	9.5%	2
2-4 Years	0.0%	0
Previously superseded copy and current	4.8%	1
Superseded orthos are not retained or addressed in a retention plan	28.6%	6
<i>answered question</i>		<b>21</b>
<i>skipped question</i>		<b>8</b>

<b>Which of the following best describes access to your state's superseded Orthos? (choose one)</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Online/ open public access	66.7%	14
Online/ restricted access	0.0%	0
Offline/ by request only	14.3%	3
Media not easily accessible (vault/dark	4.8%	1

archives)		
Not Sure	14.3%	3
<i>answered question</i>		<b>21</b>
<i>skipped question</i>		<b>8</b>

<b>Do any state organizations archive DIGITIZED copies of: (check all that apply)</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Historic hardcopy maps (scanned only)	52.4%	11
Historic hardcopy maps (scanned and geo-referenced)	28.6%	6
Aerial photos (scanned only)	38.1%	8
Aerial photos (scanned and geo-referenced)	47.6%	10
None of the above	33.3%	7
<i>answered question</i>		<b>21</b>
<i>skipped question</i>		<b>8</b>

<b>Do any archived geospatial datasets include core attribute or other business data (i.e. .dbf files) in addition to/ or associated with vector data?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
YES	47.6%	10
NO	19.0%	4
Not Sure	33.3%	7
<i>answered question</i>		<b>21</b>
<i>skipped question</i>		<b>8</b>

<b>What type of METADATA records are saved with the snapshot data?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
FGDC format	57.1%	12
Locally defined	9.5%	2
Archival specific	0.0%	0



metadata		
Archival AND FGDC or Locally defined metadata	0.0%	0
None	0.0%	0
Not Sure	33.3%	7
<i>answered question</i>		<b>21</b>
<i>skipped question</i>		<b>8</b>

<b>Are metadata records updated once datasets have been archived to reflect their new "archived" status and/or describe any archive related processing that may have taken place? (choose one)</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
YES	19.0%	4
NO	19.0%	4
N/A - Not Sure	61.9%	13
<i>answered question</i>		<b>21</b>
<i>skipped question</i>		<b>8</b>

<b>What tools does your state use to INVENTORY geospatial data? (choose all that apply)</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
GIS Inventory (Ramona)	44.8%	13
NSDI Clearinghouse	62.1%	18
Geospatial OneStop (GOS)	34.5%	10
Other	20.7%	6
ESRI ArcCatalog	51.7%	15
Homegrown or Open Source solution	20.7%	6
We do not inventory our geospatial data	3.4%	1
Other (please specify)		6
<i>answered question</i>		<b>29</b>
<i>skipped question</i>		<b>0</b>
<b>Other (please specify)</b>		
Internal Access Database		
listing of layers available by several agencies - using DBs		
Oracle Spatial DB Management Tools		
GeoryLibrary		

ESRI GeoPortal Toolkit

2 universities have statewide inventories -- one specializing in vector the other in raster, several regional archives

**Please provide any examples of unique uses for archived geospatial data in your state.**

mapping historical features such as cattle trails.

Several counties have converted historic aerial photos to digital orthos usually at 10 year intervals beginning in the late-1930's.

No program exists at this time

look at previous condition of coastline, development, etc. Structures built since last flight / data capture, etc.

scientific baseline data, esp. wrt to climate change, land cover or land use changes

Nothing unique; primarily change analysis.

Florida Geographic Data Library -- [www.fgdl.org](http://www.fgdl.org)

Land Boundary Information System -- [www.labins.org](http://www.labins.org)

**Please share any lessons learned/ best practice recommendations or thoughts/ experiences you may have pertaining to the process of archiving of geospatial data:**

Archiving is generally a low priority issue with little funding to support such efforts.

No program exists at this time

Archiving is something we have briefly discussed but have not implemented uniformly across the board for state agencies or local organizations. It is understood that there is benefit to archiving some/all layers, but no standards or procedures of practice as to how frequently it should be done, or enticements to do so.

No lessons, but since it appears that there is no other place to offer comments, just want to mention that there are no official mechanism or rules guiding archiving of geospatial data. I have forwarded the survey to our University map librarian who may be answering this from their perspective.