

# County Scorecard Analysis

**November 2005 - June 2007  
Distributions**

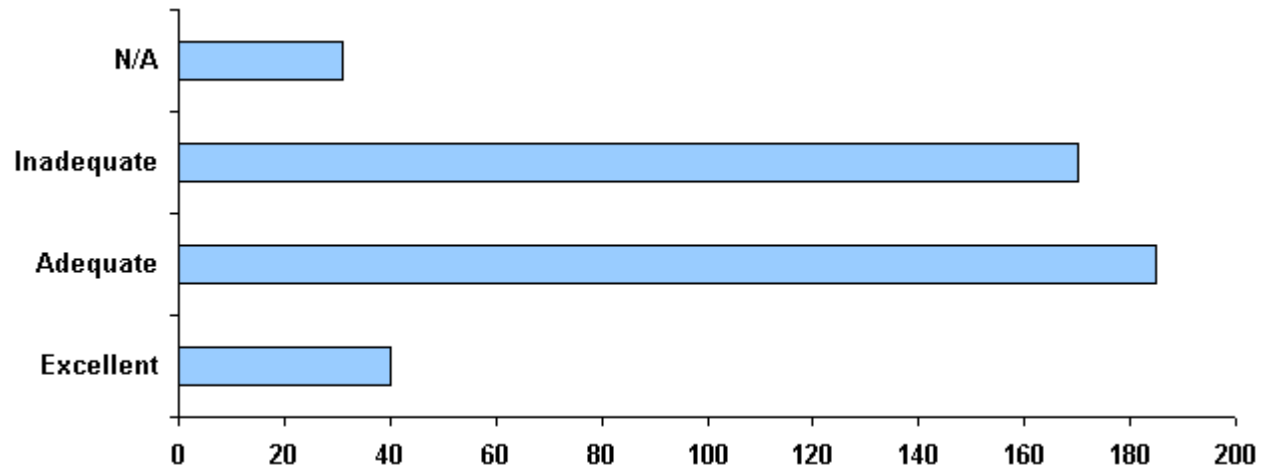


**National Geodetic Survey (NGS)**

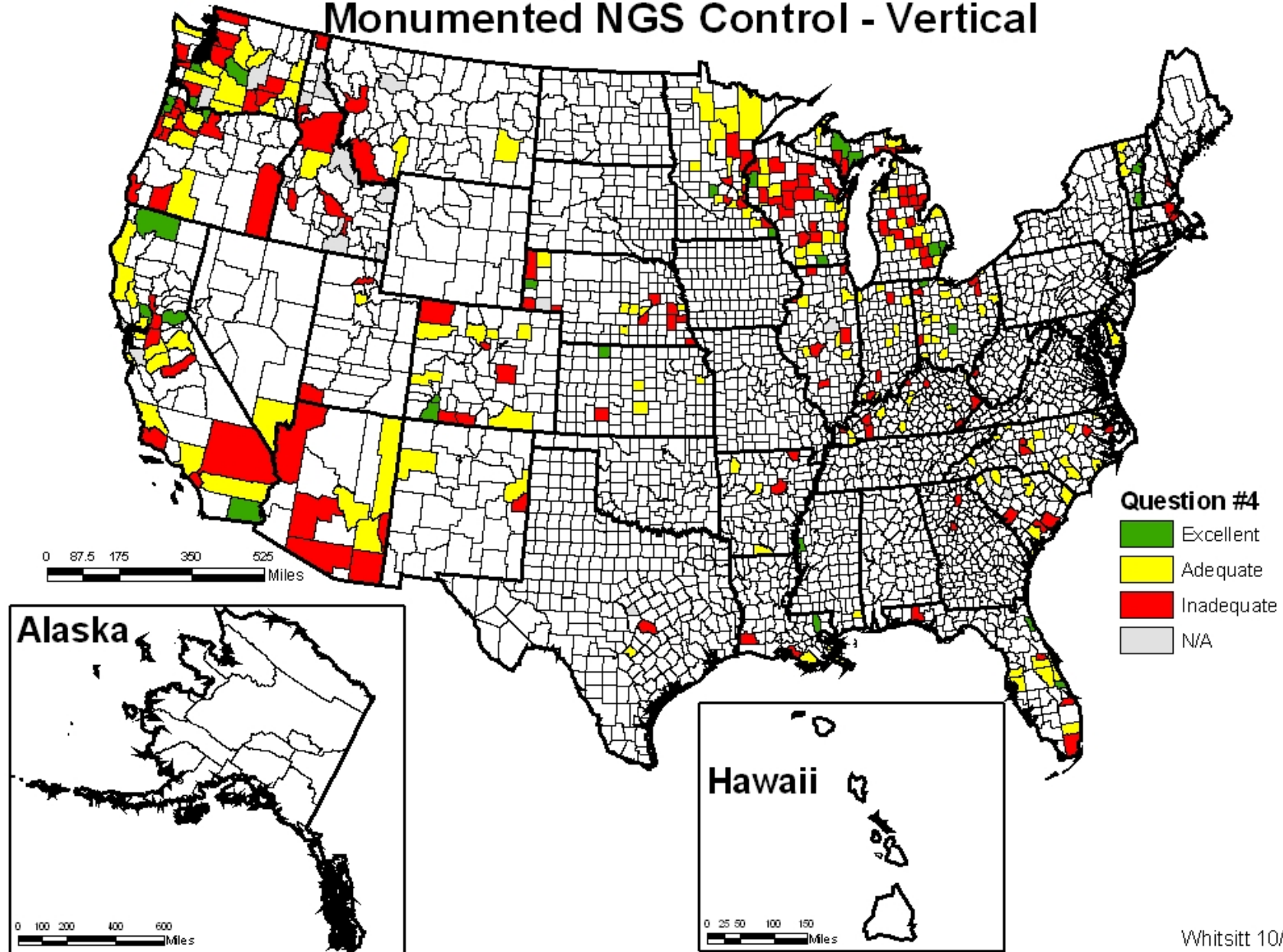
**National Oceanic and Atmospheric Administration (NOAA)**

**Question #4 - How would you rate your local positioning infrastructure?  
(Monumented NGS Control - Vertical)**

Distribution	Excellent	Adequate	Inadequate	N/A	Rating Average	Response Count	Skipped Question
November 2005	7	36	39	7	2.39	89	2
May 2006	15	92	85	15	2.36	207	3
June 2007	18	57	46	9	2.23	130	42
<b>Totals</b>	<b>40</b>	<b>185</b>	<b>170</b>	<b>31</b>	<b>2.33</b>	<b>426</b>	<b>47</b>
<i>Percentage</i>	<i>9.4%</i>	<i>43.4%</i>	<i>39.9%</i>	<i>7.3%</i>			



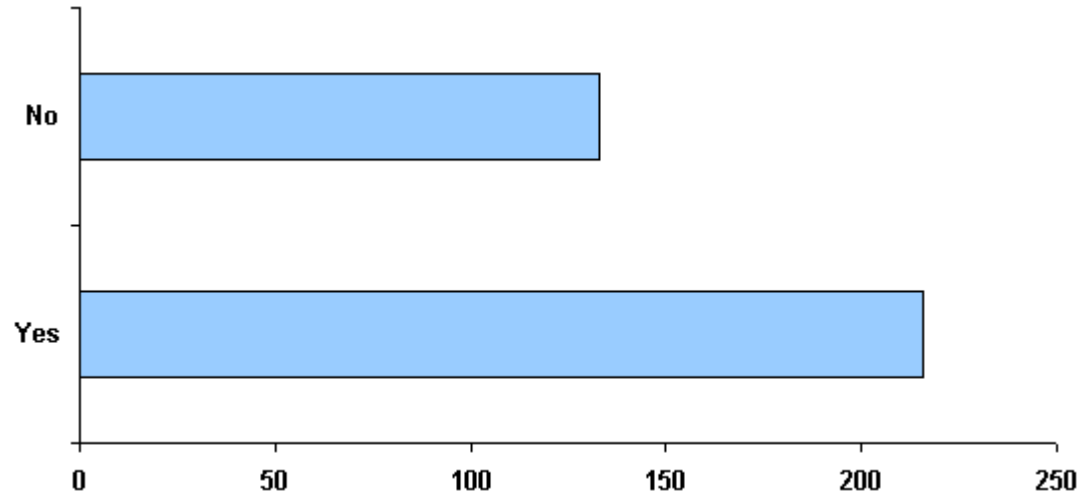
# Question #4 - Rating local positioning infrastructure Monumented NGS Control - Vertical



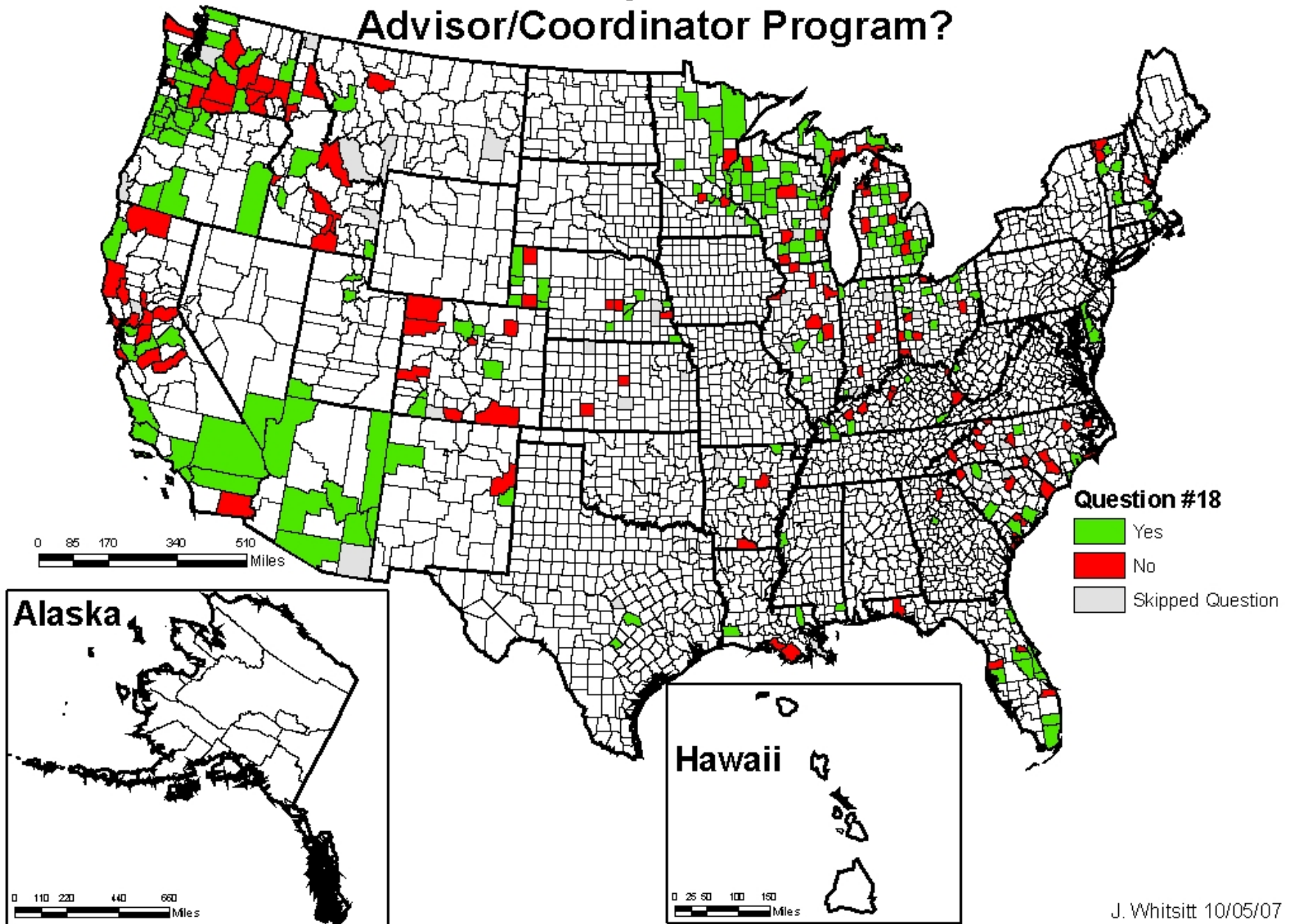
Whitsitt 10/11/07

**Question #18 Are you aware of the State Advisor/Coordinator Program?**

<b>Distribution</b>	<b>Yes</b>	<b>No</b>	<b>Skipped Question</b>	<b>Response Count</b>
November 2005	54	16	21	70
May 2006	91	72	47	163
June 2007	71	45	56	116
<b>Totals</b>	<b>216</b>	<b>133</b>	<b>124</b>	<b>349</b>
<i>Percentage</i>	<i>61.89%</i>	<i>38.11%</i>	<i>35.53%</i>	



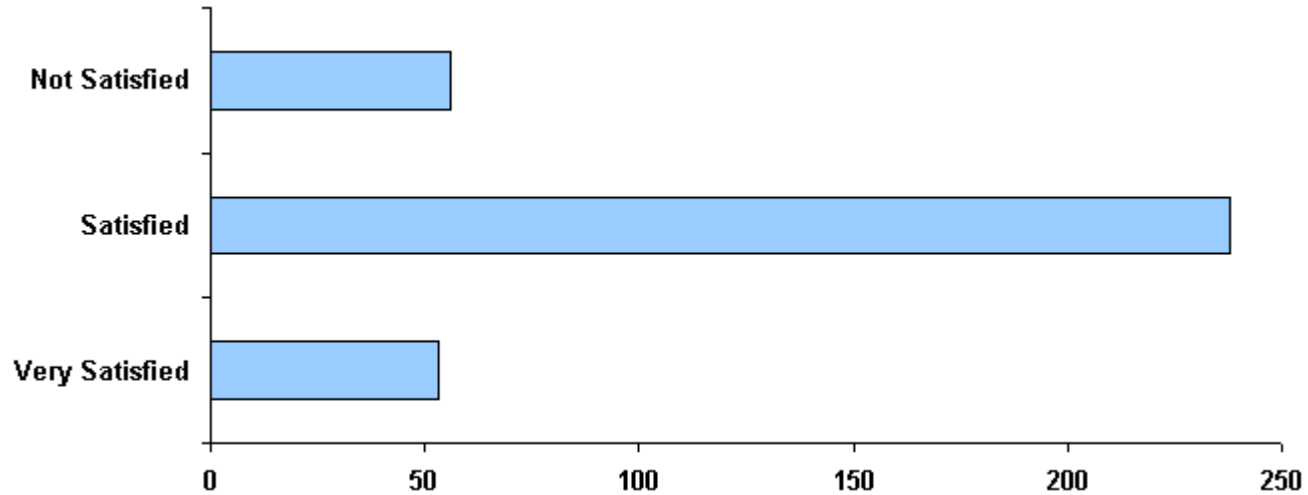
# Question #18 - Are you aware of the State Advisor/Coordinator Program?



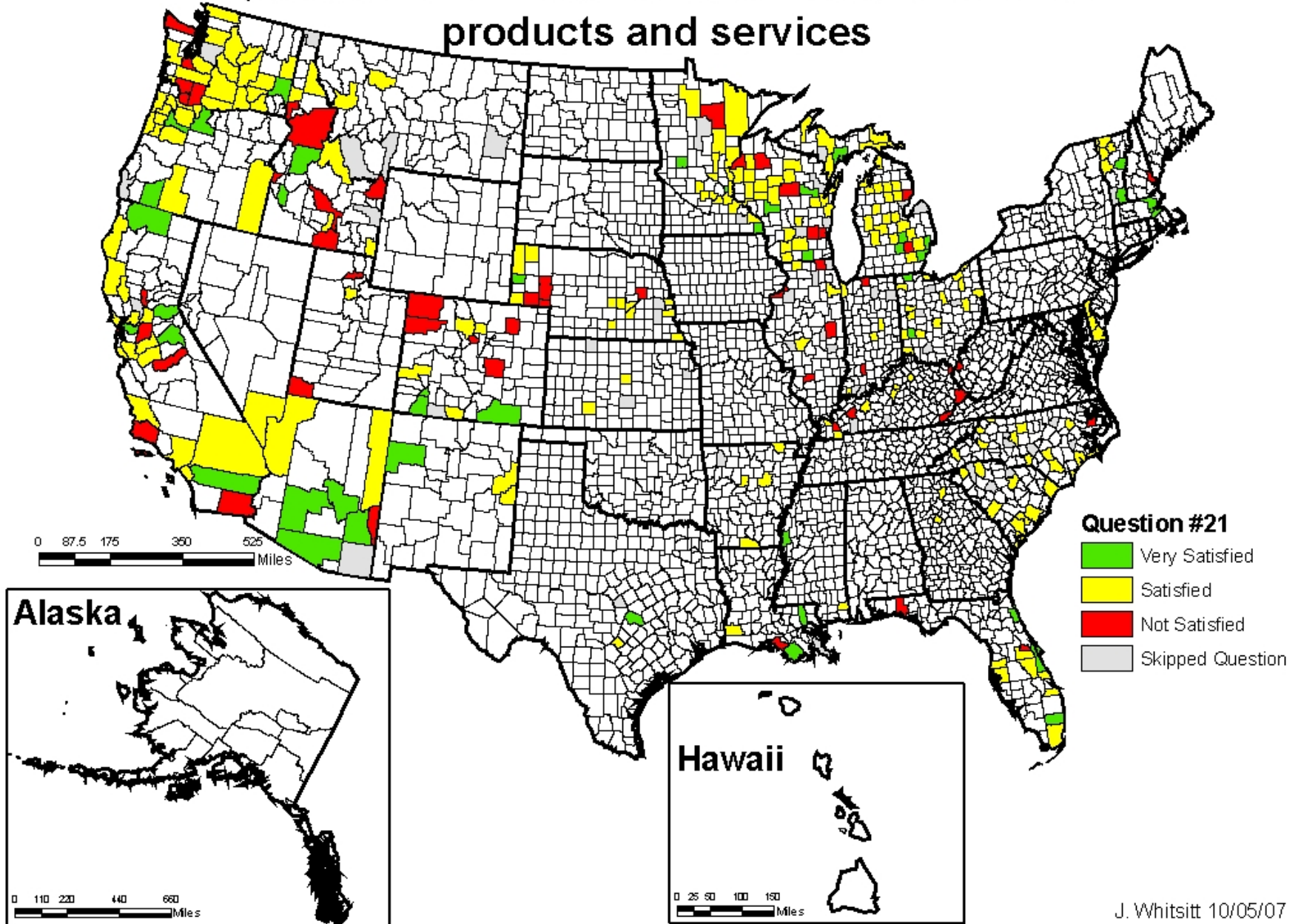
J. Whitsitt 10/05/07

**Question #21 What is your overall level of satisfaction with the products and services that NGS provides to your work?**

Distribution	Very Satisfied	Satisfied	Not Satisfied	Response Count	Skipped Question
November 2005	13	47	10	70	21
May 2006	23	110	28	161	49
June 2007	17	81	18	116	56
<b>Totals</b>	<b>53</b>	<b>238</b>	<b>56</b>	<b>347</b>	<b>126</b>
<i>Percentage</i>	<i>15.27%</i>	<i>68.59%</i>	<i>16.14%</i>		



# Question #21 - Level of satisfaction with NGS products and services



J. Whitsitt 10/05/07

# NGS County Scorecard Survey: Workshop Interest Analysis

The County Scorecard is a web-based survey used to obtain feedback from NGS' core stakeholders about NGS infrastructure, products and services. So far, three distributions of the survey have been collected (**November 2005, May 2006, and April 2007**). From these three distributions, an analysis of two of the survey's questions was conducted.

**Question 15** - "Is there a Workshop/Forum listed that you have not attended but would like to attend in your area?"

For each of the three distributions, the top three responses to this question were calculated. In addition, a calculation was performed to find the top five responses from all three distributions combined. See results page 2.

To obtain additional feedback, the following question was also asked:

**Question 16** - "Is there another Workshop that you would like NGS to provide?"

Responses to this question were compiled into a list. See list page 3.

Each map geographically illustrates the county origins of the responses and will be used to determine areas of the country that would most benefit from holding NGS workshops on those topics in that region for FY08. See pages 4-8.

National Geodetic Survey  
National Oceanic and Atmospheric Administration





<b>Workshop Interest</b>			
		<b>Percent</b>	<b>Count</b>
<b>Nov-05</b>			
	Positioning Accuracy and Standards	60.30%	35
	State Plane Coordinates and Datum Transformations	58.60%	34
	Survey Mark Preservation	55.20%	32
<b>May-06</b>			
	State Plane Coordinates and Datum Transformations	58.10%	72
	Positioning Accuracy and Standards	55.70%	69
	CORS Usage	50.00%	62
<b>Apr-07</b>			
	GPS Processing Workshops	55.30%	47
	State Plane Coordinates and Datum Transformations	54.10%	46
	CORS Usage	47.10%	40
<b>Combined</b>			
	State Plane Coordinates and Datum Transformations	9.30%	152
	Positioning Accuracy and Standards	8.70%	142
	GPS Processing Workshops	7.90%	130
	CORS Usage	7.30%	120
	Survey Mark Preservation	7.00%	115

## **Additional Responses: Is there another Workshop that you would like NGS to provide?**

### **November 2005**

- I would like to see the availability of more workshops in the upper Midwest, especially Minnesota. (**Millie Lacs, Minnesota**)
- I do not remember seeing any of these advertised in my area. (**Iowa, Wisconsin**)
- The workshops are not offered in our area. (**Ford, Kansas**)
- FEMA map update/conversion information. (**Indian River, Florida**)
- Calculating and making the transition from HARN to CORS to ITRF. (**Ada, Idaho**)
- I attend and receive announcements of a variety of workshops put on by the surveying organizations, but I don't recall ever receiving info on these NGS workshops. Have they had any in our area, whatever "our area" is? Do I need to be on another list to receive announcements? (**Hood River, Oregon**)

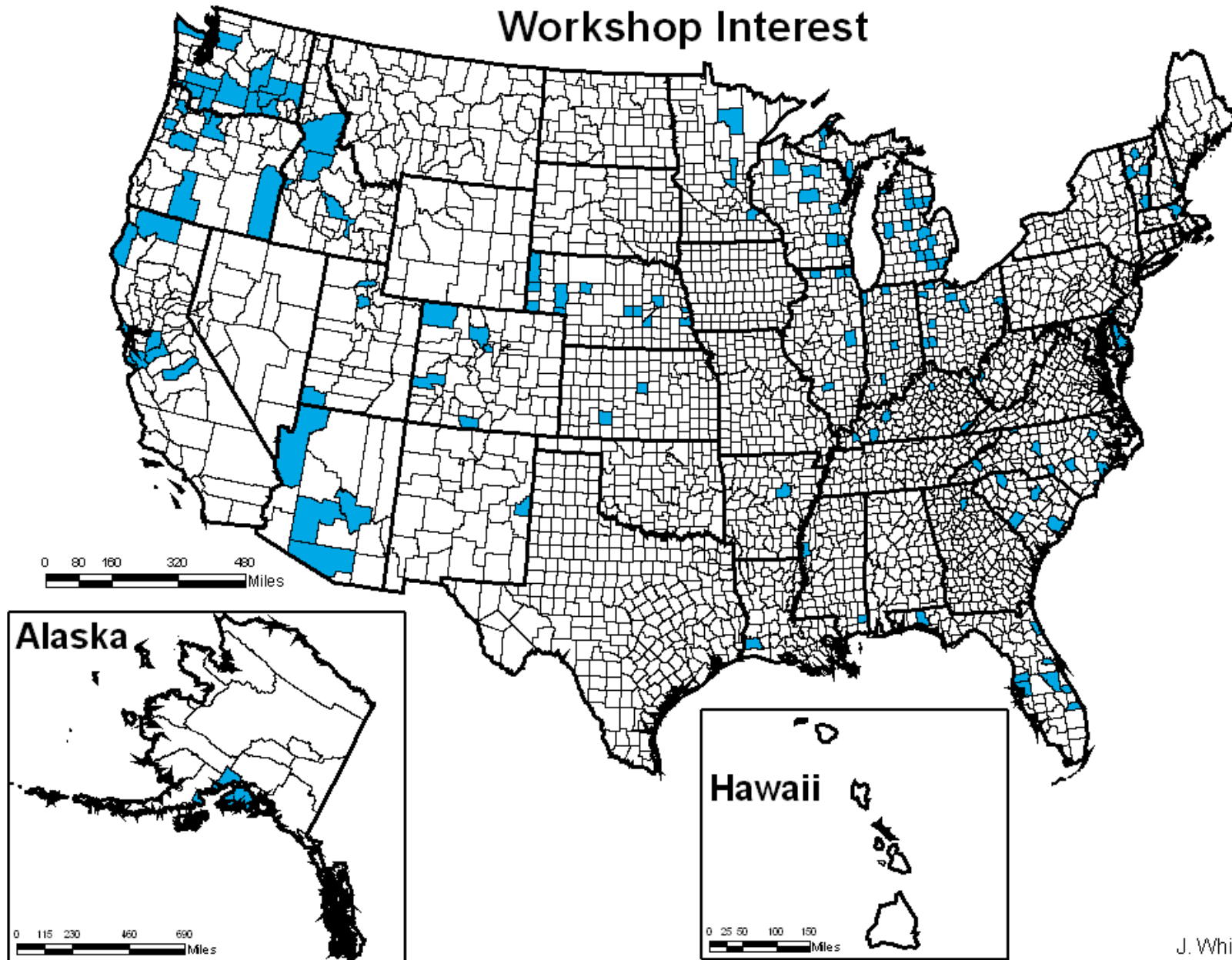
### **May 2006**

- Not involved with NGS (**Kent, Michigan**)
- Probably. Can't remember offhand. Curt Smith is readily available to come present locally. He probably needs more funding, or more staff. (**Valley, Idaho**)
- Must not be on the mailing list - or the ones in the area were not of interest. (**Washington, Wisconsin**)
- What's available? (**Madera, California**)
- No workshops are given in my area, and I won't be funded to go to one out of the area. Is there a way I can get some of them online, thru a workbook or some other way? (**Latah, Idaho**)
- RTK Virtual Reference/Cell phone radio. (**Richland, Ohio**)
- HARN (**Champaign, Illinois**)
- I think it would be a great help to the GIS community in Wisconsin if you could hold a learning session at the Wisconsin Land Information Association (WLIA) annual meeting held in late February or early March of each year. It would be great to cover the "Development, Implementation and Future of NSRS" for example. It would be very well attended I am sure. It gives NGS an opportunity to pitch their services to the GIS community in Wisconsin. This conference is usually attended by 600+ people each year. The people represent a broad spectrum of GIS users from across the State. The attendees include Federal agencies, State agencies, County and Local members and private sector GIS people. Something for NGS to consider.... (**Jackson, Wisconsin**)

### **April 2007**

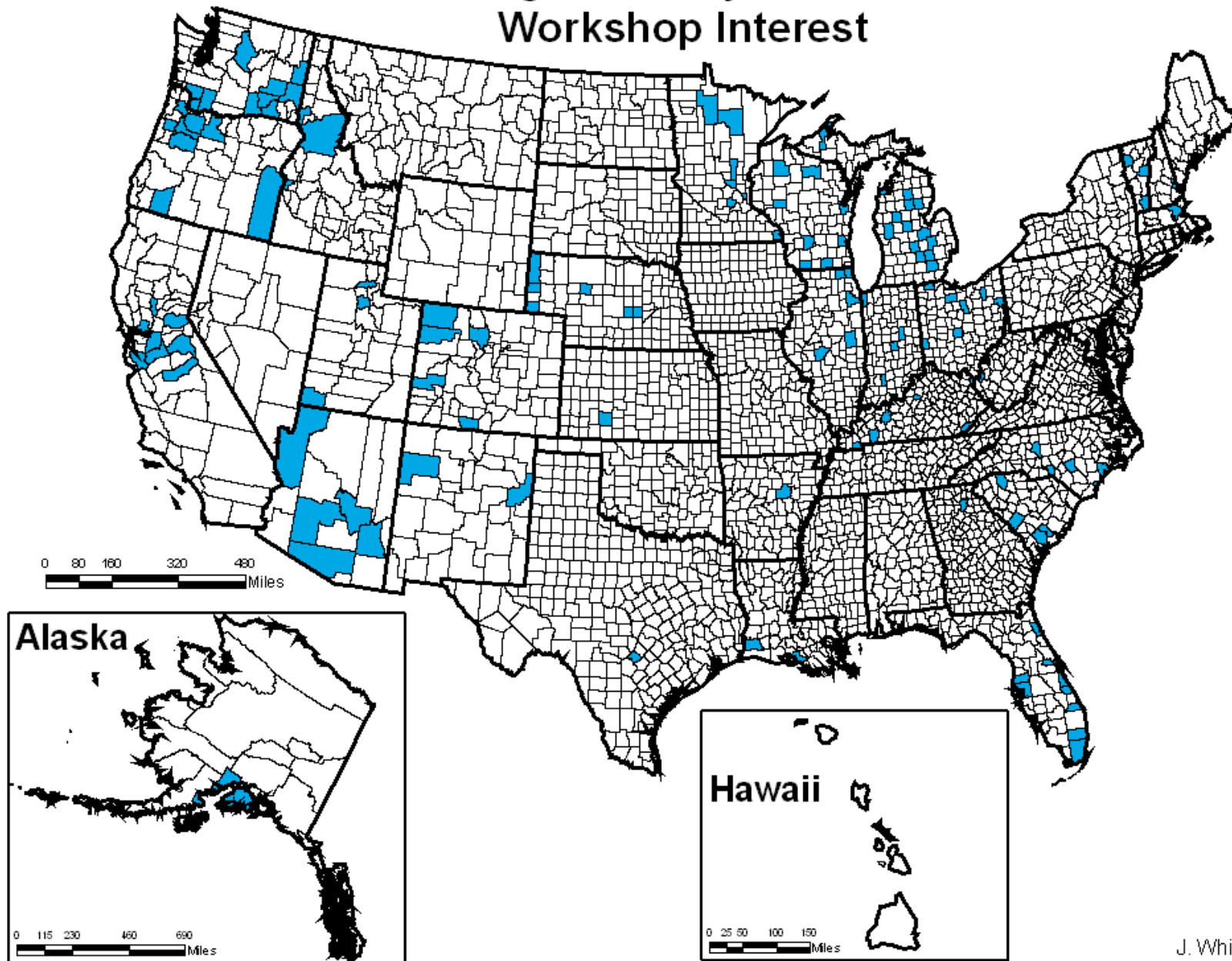
- Who do I contact about these? (**Oneida, Wisconsin**)
- Evaluation of setting a standard NAD 83 coordinate base adjustment throughout MN (i.e. 1986, 1996 HARN, 2007)? (**Sherburne, Minnesota**)
- XYZ Conversion. (**Clackamas, Oregon**)
- Gravity Measurement (**State of Washington**)
- OPUS is changing; are there plans to have a workshop on this? (**Williamson, Texas**)

# State Plane Coordinates and Datum Transformations Workshop Interest



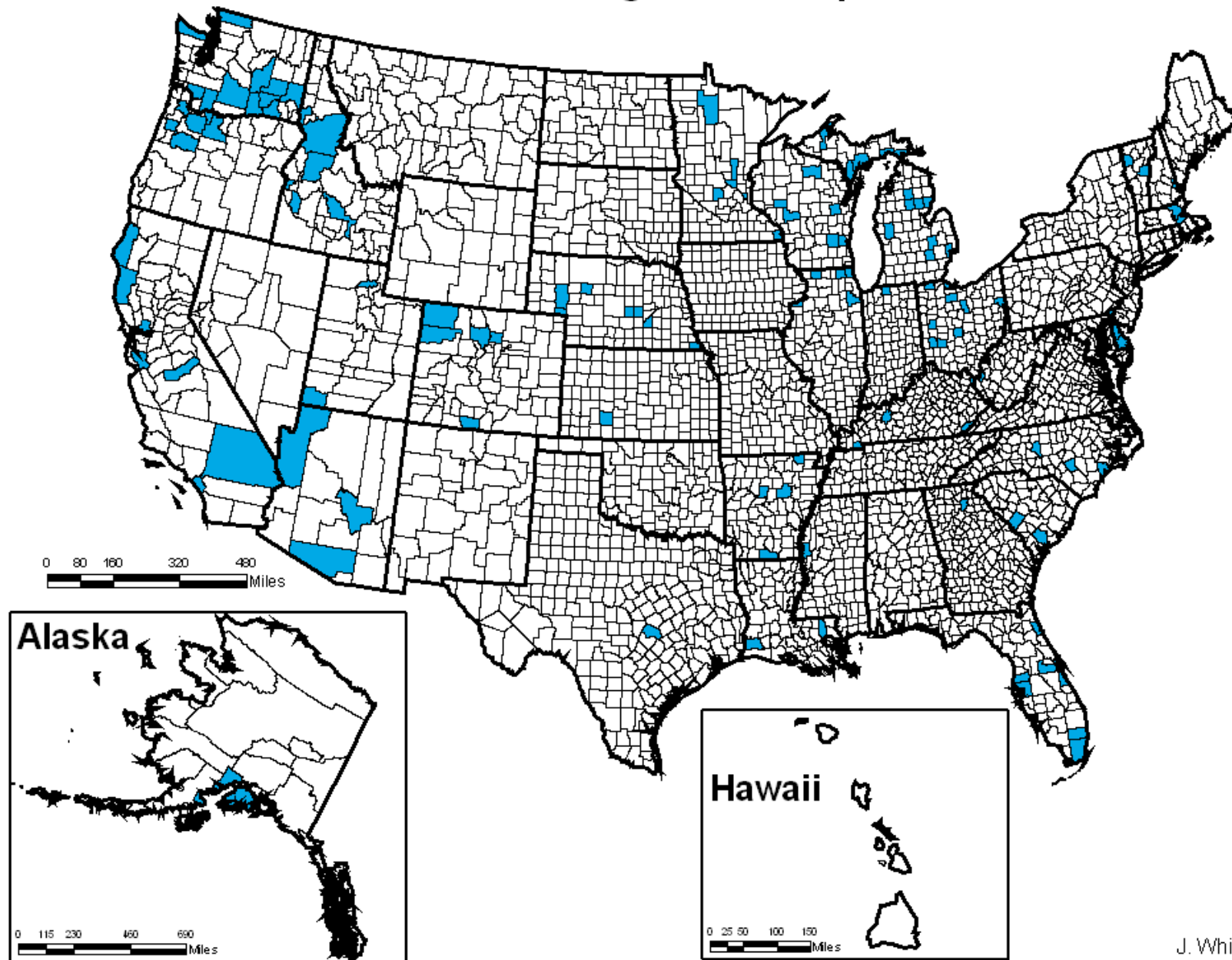
J. Whitsitt 9/14/07

# Positioning Accuracy and Standards Workshop Interest



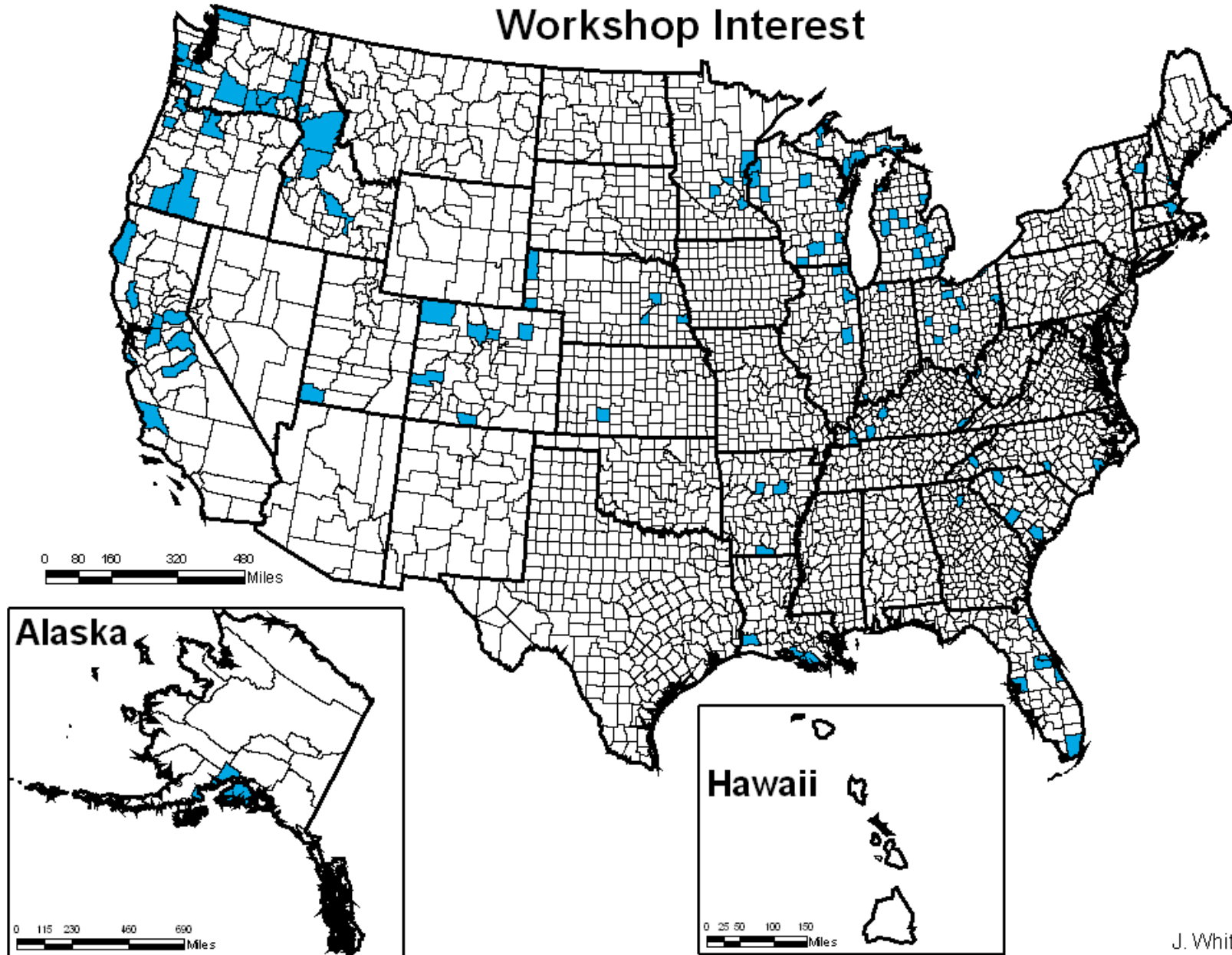
J. Whitsitt 9/14/07

# GPS Processing Workshops Interest



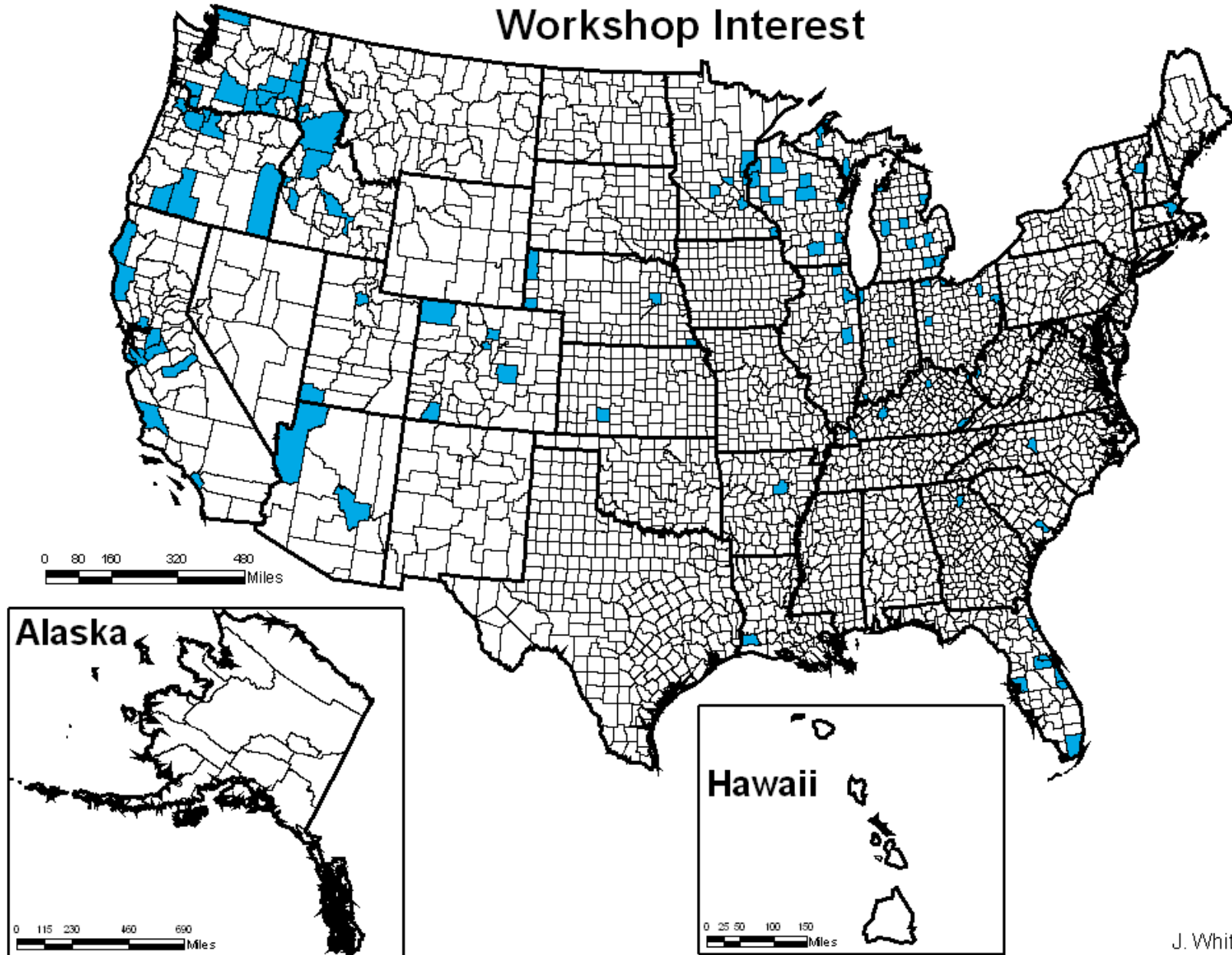
J. Whitsitt 9/14/07

# CORS Usage Workshop Interest



J. Whitsitt 9/14/07

# Survey Mark Preservation Workshop Interest



J. Whitsitt 9/14/07

**Question #4 - How would you rate your local positioning infrastructure?  
(Monumented NGS Control - Vertical)**

<b>State</b>	<b>County</b>	<b>Response</b>
Arizona	Apache	Adequate
Arizona	Cochise	Inadequate
Arizona	Gila	Adequate
Arizona	Graham	Adequate
Arizona	Greenlee	Inadequate
Arizona	Maricopa	Inadequate
Arizona	Mohave	Inadequate
Arizona	Pima	Inadequate
Arkansas	Conway	Adequate
Arkansas	Madison	Adequate
Arkansas	Randolph	Inadequate
Arkansas	Union	Adequate
Arkansas	White	Inadequate
California	Contra Costa	Adequate
California	El Dorado	Excellent
California	Humboldt	Adequate
California	Imperial	Excellent
California	Lake	Adequate
California	Los Angeles	Adequate
California	Madera	Inadequate
California	Marin	NA
California	Mendocino	Adequate
California	Merced	Adequate
California	Orange	Inadequate
California	Riverside	Adequate
California	Sacramento	Inadequate
California	San Bernardino	Inadequate
California	San Francisco	Inadequate
California	San Joaquin	Inadequate
California	San Luis Obispo	Adequate
California	Santa Barbara	Inadequate
California	Santa Clara	NA
California	Santa Cruz	Adequate
California	Siskiyou	Excellent
California	Solano	Adequate
California	Stanislaus	Adequate
California	Sutter	Inadequate
California	Tuolumne	Adequate
California	Yolo	Excellent
Colorado	Archuleta	Inadequate
Colorado	Boulder	Adequate
Colorado	Clear Creek	Inadequate
Colorado	Conejos	Inadequate
Colorado	El Paso	Inadequate
Colorado	Grand	Adequate
Colorado	La Plata	Excellent
Colorado	Las Animas	Adequate
Colorado	Moffat	Inadequate
Colorado	Montrose	Adequate



Colorado	Morgan	Adequate
Colorado	Rio Blanco	Adequate
Colorado	San Juan	Excellent
Delaware	Kent	Adequate
Delaware	New Castle	Adequate
Delaware	Sussex	Adequate
Florida	Brevard	Adequate
Florida	Broward	Adequate
Florida	Hillsborough	Adequate
Florida	Indian River	Excellent
Florida	Martin	Inadequate
Florida	Miami-Dade	Inadequate
Florida	Orange	Adequate
Florida	Osceola	Adequate
Florida	Pasco	Adequate
Florida	Seminole	Inadequate
Florida	St. Johns	Excellent
Florida	Walton	Inadequate
Georgia	Hall	Inadequate
Georgia	Henry	Inadequate
Idaho	Ada	Inadequate
Idaho	Bear Lake	NA
Idaho	Blaine	Inadequate
Idaho	Boundary	Inadequate
Idaho	Cassia	NA
Idaho	Fremont	NA
Idaho	Idaho	Inadequate
Idaho	Latah	NA
Idaho	Lemhi	NA
Idaho	Minidoka	NA
Idaho	Nez Perce	Inadequate
Idaho	Payette	NA
Idaho	Shoshone	NA
Idaho	Valley	Adequate
Illinois	Champaign	Inadequate
Illinois	Clinton	Inadequate
Illinois	Coles	Adequate
Illinois	DeKalb	NA
Illinois	Henry	Adequate
Illinois	Lake	Inadequate
Illinois	McLean	NA
Illinois	Morgan	Adequate
Illinois	Piatt	Adequate
Illinois	Rock Island	Inadequate
Illinois	Sangamon	Inadequate
Illinois	Stephenson	Inadequate
Illinois	Will	Adequate
Indiana	Allen	Adequate
Indiana	Kosciusko	Inadequate
Indiana	Lake	Adequate
Indiana	Madison	Adequate
Indiana	Marion	Adequate
Indiana	Martin	Inadequate
Indiana	Spencer	Adequate

Indiana	St. Joseph	Adequate
Indiana	Vanderburgh	Adequate
Indiana	Warrick	Inadequate
Kansas	Douglas	Adequate
Kansas	Ellsworth	Adequate
Kansas	Ford	Inadequate
Kansas	Norton	Excellent
Kansas	Reno	Adequate
Kentucky	Barren	Adequate
Kentucky	Boyd	Adequate
Kentucky	Calloway	Adequate
Kentucky	Christian	Inadequate
Kentucky	Harlan	Inadequate
Kentucky	Hopkins	Inadequate
Kentucky	Marshall	Adequate
Kentucky	McCracken	Inadequate
Kentucky	Nelson	Adequate
Kentucky	Ohio	Adequate
Kentucky	Oldham	Inadequate
Kentucky	Owsley	Adequate
Kentucky	Pike	Inadequate
Kentucky	Scott	Inadequate
Kentucky	Spencer	Adequate
Louisiana	Calcasieu	Inadequate
Louisiana	Plaquemines	Adequate
Louisiana	St. Mary	Inadequate
Louisiana	Tangipahoa	Excellent
Louisiana	Terrebonne	Adequate
Massachusetts	Middlesex	Inadequate
Massachusetts	Norfolk	Inadequate
Michigan	Arenac	Inadequate
Michigan	Chippewa	Adequate
Michigan	Clinton	Inadequate
Michigan	Crawford	Inadequate
Michigan	Delta	Excellent
Michigan	Dickinson	Inadequate
Michigan	Emmet	Adequate
Michigan	Genesee	Adequate
Michigan	Grand Traverse	Adequate
Michigan	Houghton	Adequate
Michigan	Huron	Adequate
Michigan	Ingham	Adequate
Michigan	Iosco	Inadequate
Michigan	Isabella	Adequate
Michigan	Kalkaska	Adequate
Michigan	Kent	Adequate
Michigan	Leelanau	Adequate
Michigan	Livingston	Inadequate
Michigan	Mackinac	Inadequate
Michigan	Macomb	Excellent
Michigan	Marquette	Excellent
Michigan	Menominee	Inadequate
Michigan	Midland	Inadequate
Michigan	Montcalm	Inadequate

Michigan	Newaygo	Inadequate
Michigan	Oakland	Excellent
Michigan	Ogemaw	Inadequate
Michigan	Osceola	Inadequate
Michigan	Oscoda	Inadequate
Michigan	Roscommon	Inadequate
Michigan	Saginaw	Adequate
Michigan	Shiawassee	Inadequate
Michigan	Washtenaw	Inadequate
Michigan	Wayne	Adequate
Minnesota	Aitkin	Inadequate
Minnesota	Beltrami	Adequate
Minnesota	Carver	Inadequate
Minnesota	Cass	Adequate
Minnesota	Chisago	Adequate
Minnesota	Dakota	Inadequate
Minnesota	Douglas	Adequate
Minnesota	Goodhue	Adequate
Minnesota	Houston	Excellent
Minnesota	Itasca	Adequate
Minnesota	McLeod	Adequate
Minnesota	Meeker	Excellent
Minnesota	Mille Lacs	Adequate
Minnesota	Olmsted	Adequate
Minnesota	Pine	Inadequate
Minnesota	Ramsey	Adequate
Minnesota	Scott	Adequate
Minnesota	Sherburne	Inadequate
Minnesota	St. Louis	Adequate
Minnesota	Washington	Inadequate
Minnesota	Winona	Inadequate
Mississippi	George	Adequate
Mississippi	Washington	Excellent
Montana	Beaverhead	Inadequate
Montana	Custer	Adequate
Montana	Gallatin	Adequate
Montana	Missoula	Inadequate
Montana	Teton	NA
Nebraska	Cass	Inadequate
Nebraska	Cheyenne	NA
Nebraska	Dawes	Adequate
Nebraska	Deuel	Inadequate
Nebraska	Douglas	Adequate
Nebraska	Hamilton	Inadequate
Nebraska	Howard	Adequate
Nebraska	Kearney	Adequate
Nebraska	Kimball	Inadequate
Nebraska	Lancaster	Inadequate
Nebraska	Merrick	Adequate
Nebraska	Platte	Inadequate
Nebraska	Richardson	Inadequate
Nebraska	Saunders	Inadequate
Nebraska	Scotts Bluff	Excellent
Nebraska	Sherman	Adequate

Nebraska	Sioux	Inadequate
Nevada	Clark	Adequate
New Hampshire	Strafford	Inadequate
New Mexico	Curry	Inadequate
New Mexico	McKinley	Adequate
New Mexico	Quay	Adequate
North Carolina	Alleghany	Adequate
North Carolina	Bladen	Adequate
North Carolina	Burke	NA
North Carolina	Camden	Adequate
North Carolina	Carteret	NA
North Carolina	Cumberland	Adequate
North Carolina	Davidson	Adequate
North Carolina	Davie	Inadequate
North Carolina	Edgecombe	Inadequate
North Carolina	Franklin	Adequate
North Carolina	Guilford	Adequate
North Carolina	Haywood	Adequate
North Carolina	Hertford	Adequate
North Carolina	Lenoir	NA
North Carolina	New Hanover	Adequate
North Carolina	Onslow	Adequate
North Carolina	Richmond	Adequate
North Carolina	Rowan	Inadequate
North Carolina	Washington	Inadequate
North Carolina	Watauga	Adequate
Ohio	Auglaize	Adequate
Ohio	Columbiana	Adequate
Ohio	Cuyahoga	Inadequate
Ohio	Defiance	Inadequate
Ohio	Franklin	Excellent
Ohio	Fulton	Excellent
Ohio	Greene	Adequate
Ohio	Hamilton	Adequate
Ohio	Highland	Adequate
Ohio	Lake	Adequate
Ohio	Logan	Adequate
Ohio	Montgomery	Adequate
Ohio	Ottawa	Adequate
Ohio	Preble	Inadequate
Ohio	Richland	Adequate
Ohio	Seneca	Adequate
Ohio	Shelby	Adequate
Ohio	Summit	Inadequate
Ohio	Tuscarawas	Adequate
Oregon	Benton	Inadequate
Oregon	Clackamas	Adequate
Oregon	Curry	Inadequate
Oregon	Hood River	Excellent
Oregon	Jackson	Inadequate
Oregon	Klamath	Adequate
Oregon	Lincoln	Inadequate
Oregon	Linn	Adequate
Oregon	Malheur	Inadequate

Oregon	Marion	Inadequate
Oregon	Multnomah	Adequate
Oregon	Polk	Adequate
Oregon	Tillamook	Excellent
Oregon	Wasco	Inadequate
Oregon	Washington	Inadequate
Oregon	Yamhill	Inadequate
Pennsylvania	Philadelphia	Adequate
South Carolina	Aiken	Inadequate
South Carolina	Beaufort	Adequate
South Carolina	Berkeley	Inadequate
South Carolina	Colleton	Adequate
South Carolina	Dorchester	Inadequate
South Carolina	Greenville	NA
South Carolina	Horry	Adequate
South Carolina	Kershaw	Adequate
South Carolina	Lancaster	Adequate
South Carolina	Newberry	NA
South Carolina	Pickens	Adequate
South Carolina	Spartanburg	Adequate
Texas	Comal	Adequate
Texas	Lampasas	NA
Texas	Williamson	Inadequate
Utah	Salt Lake	Adequate
Utah	Washington	Inadequate
Utah	Weber	Inadequate
Vermont	Addison	Adequate
Vermont	Bennington	NA
Vermont	Chittenden	Adequate
Vermont	Franklin	Adequate
Vermont	Grand Isle	Adequate
Vermont	Lamoille	NA
Vermont	Orange	Excellent
Vermont	Windham	Excellent
Washington	Adams	Inadequate
Washington	Benton	Inadequate
Washington	Chelan	Adequate
Washington	Clallam	Adequate
Washington	Clark	Excellent
Washington	Cowlitz	Inadequate
Washington	Douglas	Adequate
Washington	Franklin	Inadequate
Washington	Grant	NA
Washington	Grays Harbor	Inadequate
Washington	Island	Inadequate
Washington	King	Inadequate
Washington	Kittitas	Excellent
Washington	Klickitat	Adequate
Washington	Lewis	Adequate
Washington	Pierce	Adequate
Washington	Skamania	NA
Washington	Snohomish	Inadequate
Washington	Spokane	Adequate
Washington	Thurston	Excellent

Washington	Wahkiakum	Inadequate
Washington	Walla Walla	Adequate
Washington	Whatcom	Inadequate
Washington	Whitman	Adequate
Washington	Yakima	Adequate
West Virginia	Cabell	Inadequate
Wisconsin	Barron	Adequate
Wisconsin	Brown	Adequate
Wisconsin	Burnett	Inadequate
Wisconsin	Chippewa	Adequate
Wisconsin	Clark	Inadequate
Wisconsin	Columbia	Inadequate
Wisconsin	Dane	Adequate
Wisconsin	Dodge	Adequate
Wisconsin	Door	Inadequate
Wisconsin	Dunn	Inadequate
Wisconsin	Eau Claire	Inadequate
Wisconsin	Iowa	Adequate
Wisconsin	Jackson	Inadequate
Wisconsin	Lafayette	Adequate
Wisconsin	Lincoln	Inadequate
Wisconsin	Manitowoc	Adequate
Wisconsin	Marathon	Inadequate
Wisconsin	Marquette	Inadequate
Wisconsin	Oconto	Inadequate
Wisconsin	Oneida	Inadequate
Wisconsin	Outagamie	Adequate
Wisconsin	Pepin	Adequate
Wisconsin	Polk	Excellent
Wisconsin	Rock	Excellent
Wisconsin	Sauk	Inadequate
Wisconsin	Sawyer	Inadequate
Wisconsin	Shawano	Excellent
Wisconsin	Sheboygan	Inadequate
Wisconsin	Taylor	Inadequate
Wisconsin	Washburn	Adequate
Wisconsin	Washington	Adequate

## Question #18 - Are you aware of the State Advisor/Coordinator Program?

State	County	Response
Arizona	Apache	Yes
Arizona	Cochise	Skipped
Arizona	Gila	Yes
Arizona	Graham	Yes
Arizona	Greenlee	Yes
Arizona	Maricopa	Yes
Arizona	Mohave	Yes
Arizona	Pima	Yes
Arkansas	Conway	Yes
Arkansas	Madison	Skipped
Arkansas	Randolph	Yes
Arkansas	Union	No
Arkansas	White	No
California	Contra Costa	Yes
California	El Dorado	No
California	Humboldt	Yes
California	Imperial	No
California	Lake	No
California	Los Angeles	Yes
California	Madera	No
California	Marin	No
California	Mendocino	No
California	Merced	No
California	Orange	Yes
California	Riverside	Yes
California	Sacramento	No
California	San Bernardino	Yes
California	San Francisco	No
California	San Joaquin	No
California	San Luis Obispo	Yes
California	Santa Barbara	Yes
California	Santa Clara	Yes
California	Santa Cruz	No
California	Siskiyou	No
California	Solano	No
California	Stanislaus	Yes
California	Sutter	No
California	Tuolumne	Yes
California	Yolo	Skipped
Colorado	Archuleta	Skipped
Colorado	Boulder	Yes
Colorado	Clear Creek	No
Colorado	Conejos	No
Colorado	El Paso	Yes
Colorado	Grand	Yes
Colorado	La Plata	Yes
Colorado	Las Animas	No
Colorado	Moffat	No
Colorado	Montrose	No
Colorado	Morgan	No

Colorado	Rio Blanco	No
Colorado	San Juan	Yes
Delaware	Kent	Yes
Delaware	New Castle	Yes
Delaware	Sussex	Yes
Florida	Brevard	Yes
Florida	Broward	Yes
Florida	Hillsborough	Yes
Florida	Indian River	Yes
Florida	Martin	No
Florida	Miami-Dade	Yes
Florida	Orange	Yes
Florida	Osceola	Yes
Florida	Pasco	No
Florida	Seminole	No
Florida	St. Johns	Yes
Florida	Walton	No
Georgia	Hall	No
Georgia	Henry	Yes
Idaho	Ada	Yes
Idaho	Bear Lake	Yes
Idaho	Blaine	No
Idaho	Bonneville	Skipped
Idaho	Boundary	Skipped
Idaho	Cassia	No
Idaho	Latah	Yes
Idaho	Lemhi	No
Idaho	Minidoka	No
Idaho	Nez Perce	No
Idaho	Payette	No
Idaho	Shoshone	No
Idaho	Valley	Yes
Illinois	Champaign	No
Illinois	Clinton	Yes
Illinois	Coles	Skipped
Illinois	DeKalb	No
Illinois	Henry	Skipped
Illinois	Lake	Yes
Illinois	McLean	No
Illinois	Morgan	Skipped
Illinois	Piatt	Yes
Illinois	Rock Island	No
Illinois	Sangamon	Yes
Illinois	Stephenson	No
Illinois	Will	No
Indiana	Allen	Skipped
Indiana	Kosciusko	Skipped
Indiana	Lake	Yes
Indiana	Madison	No
Indiana	Marion	No
Indiana	Martin	No
Indiana	Spencer	Skipped
Indiana	St. Joseph	Yes
Indiana	Vanderburgh	Yes



Indiana	Warrick	Skipped
Kansas	Douglas	Skipped
Kansas	Ellsworth	No
Kansas	Ford	No
Kansas	Norton	Skipped
Kansas	Reno	Skipped
Kentucky	Barren	Skipped
Kentucky	Boyd	No
Kentucky	Calloway	Yes
Kentucky	Christian	Yes
Kentucky	Harlan	Yes
Kentucky	Hopkins	No
Kentucky	Marshall	Yes
Kentucky	McCracken	Yes
Kentucky	Nelson	No
Kentucky	Ohio	No
Kentucky	Oldham	Skipped
Kentucky	Owsley	Skipped
Kentucky	Pike	No
Kentucky	Scott	Yes
Kentucky	Spencer	No
Louisiana	Calcasieu	Yes
Louisiana	Plaquemines	Skipped
Louisiana	St. Mary	No
Louisiana	Tangipahoa	Yes
Louisiana	Terrebonne	No
Massachusetts	Middlesex	Yes
Massachusetts	Norfolk	Yes
Michigan	Arenac	Skipped
Michigan	Chippewa	Yes
Michigan	Clinton	Yes
Michigan	Crawford	Yes
Michigan	Delta	No
Michigan	Dickinson	Skipped
Michigan	Emmet	No
Michigan	Genesee	No
Michigan	Grand Traverse	No
Michigan	Houghton	Yes
Michigan	Huron	Skipped
Michigan	Ingham	Yes
Michigan	Iosco	No
Michigan	Isabella	Yes
Michigan	Kalkaska	Yes
Michigan	Kent	Yes
Michigan	Leelanau	No
Michigan	Livingston	No
Michigan	Mackinac	No
Michigan	Macomb	Yes
Michigan	Marquette	Yes
Michigan	Menominee	Yes
Michigan	Midland	No
Michigan	Montcalm	Yes
Michigan	Newaygo	No
Michigan	Oakland	Yes

Michigan	Osceola	Yes
Michigan	Oscoda	Yes
Michigan	Roscommon	Yes
Michigan	Saginaw	Yes
Michigan	Shiawassee	Yes
Michigan	Washtenaw	Yes
Michigan	Wayne	Yes
Minnesota	Aitkin	Yes
Minnesota	Beltrami	Yes
Minnesota	Carver	Yes
Minnesota	Chisago	Yes
Minnesota	Dakota	No
Minnesota	Douglas	Yes
Minnesota	Goodhue	Yes
Minnesota	Houston	Yes
Minnesota	Itasca	Yes
Minnesota	McLeod	No
Minnesota	Meeker	Yes
Minnesota	Mille Lacs	Yes
Minnesota	Olmsted	Skipped
Minnesota	Pine	No
Minnesota	Ramsey	Yes
Minnesota	Scott	Yes
Minnesota	Sherburne	Yes
Minnesota	St. Louis	Yes
Minnesota	Washington	Yes
Minnesota	Winona	Yes
Mississippi	George	Yes
Mississippi	Washington	Yes
Montana	Beaverhead	Skipped
Montana	Custer	Skipped
Montana	Gallatin	Skipped
Montana	Missoula	Yes
Montana	Teton	No
Nebraska	Cass	No
Nebraska	Cheyenne	No
Nebraska	Dawes	No
Nebraska	Deuel	Yes
Nebraska	Douglas	Yes
Nebraska	Garden	Yes
Nebraska	Hamilton	Yes
Nebraska	Howard	No
Nebraska	Kearney	Yes
Nebraska	Kimball	Yes
Nebraska	Lancaster	Skipped
Nebraska	Merrick	Yes
Nebraska	Platte	Yes
Nebraska	Richardson	Yes
Nebraska	Saunders	Skipped
Nebraska	Scotts Bluff	Yes
Nebraska	Sherman	No
Nebraska	Sioux	Yes
Nevada	Clark	Yes
New Hampshire	Strafford	No

New Mexico	Curry	Yes
New Mexico	McKinley	Yes
New Mexico	Quay	No
North Carolina	Alleghany	No
North Carolina	Bladen	No
North Carolina	Burke	No
North Carolina	Camden	Skipped
North Carolina	Carteret	No
North Carolina	Cumberland	No
North Carolina	Davidson	No
North Carolina	Davie	Skipped
North Carolina	Edgecombe	No
North Carolina	Franklin	Skipped
North Carolina	Guilford	Yes
North Carolina	Haywood	No
North Carolina	Hertford	Skipped
North Carolina	Lenoir	Skipped
North Carolina	Moore	Skipped
North Carolina	New Hanover	Yes
North Carolina	Onslow	Yes
North Carolina	Richmond	No
North Carolina	Rowan	Skipped
North Carolina	Washington	No
North Carolina	Watauga	No
Ohio	Auglaize	Yes
Ohio	Columbiana	Yes
Ohio	Cuyahoga	Yes
Ohio	Defiance	Yes
Ohio	Franklin	Yes
Ohio	Fulton	Yes
Ohio	Greene	No
Ohio	Hamilton	No
Ohio	Highland	Skipped
Ohio	Holmes	Skipped
Ohio	Lake	Yes
Ohio	Logan	Skipped
Ohio	Montgomery	Yes
Ohio	Ottawa	No
Ohio	Preble	No
Ohio	Richland	Yes
Ohio	Seneca	Yes
Ohio	Shelby	No
Ohio	Summit	Yes
Ohio	Tuscarawas	No
Oregon	Benton	Yes
Oregon	Clackamas	Yes
Oregon	Curry	Skipped
Oregon	Hood River	Yes
Oregon	Jackson	Yes
Oregon	Klamath	Yes
Oregon	Lincoln	Yes
Oregon	Linn	Yes
Oregon	Malheur	Yes
Oregon	Marion	Yes

Oregon	Multnomah	Yes
Oregon	Polk	Yes
Oregon	Tillamook	Yes
Oregon	Wasco	Yes
Oregon	Washington	Yes
Oregon	Yamhill	Yes
Pennsylvania	Philadelphia	Skipped
South Carolina	Aiken	Yes
South Carolina	Beaufort	No
South Carolina	Berkeley	Yes
South Carolina	Colleton	Yes
South Carolina	Dorchester	No
South Carolina	Greenville	Skipped
South Carolina	Horry	No
South Carolina	Kershaw	No
South Carolina	Lancaster	Skipped
South Carolina	Newberry	Skipped
South Carolina	Pickens	No
South Carolina	Spartanburg	Yes
Texas	Comal	Yes
Texas	Lampasas	Skipped
Texas	Williamson	Yes
Utah	Salt Lake	Yes
Utah	Washington	Yes
Utah	Weber	Yes
Vermont	Addison	Yes
Vermont	Bennington	Skipped
Vermont	Chittenden	No
Vermont	Franklin	No
Vermont	Grand Isle	No
Vermont	Lamoille	Yes
Vermont	Orange	Yes
Vermont	Windham	Yes
Washington	Adams	No
Washington	Benton	Yes
Washington	Chelan	No
Washington	Clallam	No
Washington	Clark	Yes
Washington	Cowlitz	Yes
Washington	Douglas	Yes
Washington	Franklin	No
Washington	Grant	No
Washington	Grays Harbor	Yes
Washington	Island	No
Washington	King	Skipped
Washington	Kittitas	Yes
Washington	Klickitat	No
Washington	Lewis	Yes
Washington	Pierce	Yes
Washington	Skamania	No
Washington	Snohomish	Yes
Washington	Spokane	Yes
Washington	Thurston	Yes
Washington	Wahkiakum	No

Washington	Walla Walla	No
Washington	Whatcom	Yes
Washington	Whitman	No
Washington	Yakima	No
West Virginia	Cabell	Yes
Wisconsin	Barron	Yes
Wisconsin	Brown	Yes
Wisconsin	Burnett	Yes
Wisconsin	Chippewa	Yes
Wisconsin	Clark	Yes
Wisconsin	Columbia	Skipped
Wisconsin	Dane	Yes
Wisconsin	Dodge	Yes
Wisconsin	Door	Yes
Wisconsin	Dunn	Yes
Wisconsin	Eau Claire	Yes
Wisconsin	Iowa	Yes
Wisconsin	Jackson	Yes
Wisconsin	Lafayette	No
Wisconsin	Lincoln	Yes
Wisconsin	Manitowoc	No
Wisconsin	Marathon	No
Wisconsin	Marquette	Yes
Wisconsin	Oconto	Skipped
Wisconsin	Oneida	Yes
Wisconsin	Outagamie	Yes
Wisconsin	Pepin	Skipped
Wisconsin	Polk	Yes
Wisconsin	Rock	Yes
Wisconsin	Sauk	No
Wisconsin	Sawyer	Yes
Wisconsin	Shawano	Yes
Wisconsin	Sheboygan	Skipped
Wisconsin	Taylor	Yes
Wisconsin	Washburn	No
Wisconsin	Washington	No

**Question #21 - What is your overall level of satisfaction with the products and services that NGS provides to your work?**

<b>State</b>	<b>County</b>	<b>Response</b>
Arizona	Apache	Satisfied
Arizona	Cochise	Skipped
Arizona	Gila	Very Satisfied
Arizona	Graham	Very Satisfied
Arizona	Greenlee	Not Satisfied
Arizona	Maricopa	Very Satisfied
Arizona	Mohave	Satisfied
Arizona	Pima	Very Satisfied
Arkansas	Conway	Satisfied
Arkansas	Madison	Skipped
Arkansas	Randolph	Satisfied
Arkansas	Union	Satisfied
Arkansas	White	Satisfied
California	Contra Costa	Very Satisfied
California	El Dorado	Very Satisfied
California	Humboldt	Satisfied
California	Imperial	Not Satisfied
California	Lake	Satisfied
California	Los Angeles	Satisfied
California	Madera	Not Satisfied
California	Marin	Satisfied
California	Mendocino	Satisfied
California	Merced	Satisfied
California	Orange	Satisfied
California	Riverside	Very Satisfied
California	Sacramento	Satisfied
California	San Bernardino	Satisfied
California	San Francisco	Not Satisfied
California	San Joaquin	Not Satisfied
California	San Luis Obispo	Satisfied
California	Santa Barbara	Not Satisfied
California	Santa Clara	Satisfied
California	Santa Cruz	Satisfied
California	Siskiyou	Very Satisfied
California	Solano	Satisfied
California	Stanislaus	Satisfied
California	Sutter	Not Satisfied
California	Tuolumne	Very Satisfied
California	Yolo	Skipped
Colorado	Archuleta	Skipped
Colorado	Boulder	Satisfied
Colorado	Clear Creek	Not Satisfied
Colorado	Conejos	Satisfied
Colorado	El Paso	Not Satisfied
Colorado	Grand	Satisfied
Colorado	La Plata	Very Satisfied
Colorado	Las Animas	Very Satisfied
Colorado	Moffat	Not Satisfied
Colorado	Montrose	Satisfied

Colorado	Morgan	Not Satisfied
Colorado	Rio Blanco	Not Satisfied
Colorado	San Juan	Very Satisfied
Delaware	Kent	Satisfied
Delaware	New Castle	Satisfied
Delaware	Sussex	Satisfied
Florida	Brevard	Very Satisfied
Florida	Broward	Very Satisfied
Florida	Hillsborough	Satisfied
Florida	Indian River	Satisfied
Florida	Martin	Satisfied
Florida	Miami-Dade	Satisfied
Florida	Orange	Satisfied
Florida	Osceola	Satisfied
Florida	Pasco	Satisfied
Florida	Seminole	Not Satisfied
Florida	St. Johns	Very Satisfied
Florida	Walton	Not Satisfied
Georgia	Hall	Satisfied
Georgia	Henry	Satisfied
Idaho	Ada	Very Satisfied
Idaho	Bear Lake	Satisfied
Idaho	Blaine	Not Satisfied
Idaho	Bonneville	Skipped
Idaho	Boundary	Skipped
Idaho	Cassia	Not Satisfied
Idaho	Fremont	Not Satisfied
Idaho	Idaho	Not Satisfied
Idaho	Latah	Satisfied
Idaho	Lemhi	Satisfied
Idaho	Minidoka	Satisfied
Idaho	Nez Perce	Not Satisfied
Idaho	Payette	Not Satisfied
Idaho	Shoshone	Satisfied
Idaho	Valley	Very Satisfied
Illinois	Champaign	Not Satisfied
Illinois	Clinton	Not Satisfied
Illinois	Coles	Skipped
Illinois	DeKalb	Skipped
Illinois	Henry	Skipped
Illinois	Lake	Skipped
Illinois	McHenry	Not Satisfied
Illinois	Morgan	Skipped
Illinois	Piatt	Skipped
Illinois	Rock Island	Not Satisfied
Illinois	Sangamon	Satisfied
Illinois	Stephenson	Satisfied
Illinois	Will	Satisfied
Indiana	Allen	Skipped
Indiana	Kosciusko	Skipped
Indiana	Lake	Satisfied
Indiana	Madison	Satisfied
Indiana	Marion	Satisfied
Indiana	Martin	Not Satisfied

Indiana	Spencer	Skipped
Indiana	St. Joseph	Not Satisfied
Indiana	Vanderburgh	Satisfied
Indiana	Warrick	Skipped
Kansas	Douglas	Skipped
Kansas	Ellsworth	Satisfied
Kansas	Ford	Satisfied
Kansas	Norton	Skipped
Kansas	Reno	Skipped
Kentucky	Barren	Skipped
Kentucky	Boyd	Not Satisfied
Kentucky	Calloway	Satisfied
Kentucky	Christian	Skipped
Kentucky	Harlan	Not Satisfied
Kentucky	Hopkins	Not Satisfied
Kentucky	Marshall	Not Satisfied
Kentucky	McCracken	Satisfied
Kentucky	Nelson	Satisfied
Kentucky	Ohio	Satisfied
Kentucky	Oldham	Skipped
Kentucky	Owsley	Skipped
Kentucky	Pike	Not Satisfied
Kentucky	Scott	Satisfied
Kentucky	Spencer	Satisfied
Louisiana	Calcasieu	Satisfied
Louisiana	Plaquemines	Skipped
Louisiana	St. Mary	Not Satisfied
Louisiana	Tangipahoa	Very Satisfied
Louisiana	Terrebonne	Very Satisfied
Massachusetts	Middlesex	Very Satisfied
Massachusetts	Norfolk	Very Satisfied
Michigan	Arenac	Skipped
Michigan	Chippewa	Satisfied
Michigan	Clinton	Satisfied
Michigan	Crawford	Satisfied
Michigan	Delta	Very Satisfied
Michigan	Dickinson	Skipped
Michigan	Emmet	Satisfied
Michigan	Genesee	Satisfied
Michigan	Grand Traverse	Satisfied
Michigan	Houghton	Satisfied
Michigan	Huron	Skipped
Michigan	Ingham	Very Satisfied
Michigan	Iosco	Not Satisfied
Michigan	Isabella	Satisfied
Michigan	Kalkaska	Satisfied
Michigan	Kent	Satisfied
Michigan	Leelanau	Satisfied
Michigan	Livingston	Not Satisfied
Michigan	Mackinac	Satisfied
Michigan	Macomb	Very Satisfied
Michigan	Marquette	Satisfied
Michigan	Menominee	Satisfied
Michigan	Midland	Satisfied



Michigan	Montcalm	Satisfied
Michigan	Newaygo	Satisfied
Michigan	Oakland	Satisfied
Michigan	Ogemaw	Satisfied
Michigan	Osceola	Satisfied
Michigan	Oscoda	Satisfied
Michigan	Roscommon	Satisfied
Michigan	Saginaw	Satisfied
Michigan	Shiawassee	Very Satisfied
Michigan	Washtenaw	Satisfied
Michigan	Wayne	Very Satisfied
Minnesota	Aitkin	Satisfied
Minnesota	Beltrami	Satisfied
Minnesota	Carver	Satisfied
Minnesota	Cass	Skipped
Minnesota	Chisago	Satisfied
Minnesota	Dakota	Satisfied
Minnesota	Douglas	Very Satisfied
Minnesota	Goodhue	Satisfied
Minnesota	Houston	Very Satisfied
Minnesota	Itasca	Not Satisfied
Minnesota	McLeod	Satisfied
Minnesota	Meeker	Satisfied
Minnesota	Mille Lacs	Satisfied
Minnesota	Olmsted	Skipped
Minnesota	Pine	Satisfied
Minnesota	Ramsey	Very Satisfied
Minnesota	Scott	Satisfied
Minnesota	Sherburne	Satisfied
Minnesota	St. Louis	Satisfied
Minnesota	Washington	Satisfied
Minnesota	Winona	Satisfied
Mississippi	George	Satisfied
Mississippi	Washington	Very Satisfied
Montana	Beaverhead	Skipped
Montana	Custer	Skipped
Montana	Gallatin	Skipped
Montana	Missoula	Satisfied
Montana	Teton	Satisfied
Nebraska	Cass	Satisfied
Nebraska	Cheyenne	Not Satisfied
Nebraska	Dawes	Satisfied
Nebraska	Deuel	Not Satisfied
Nebraska	Douglas	Satisfied
Nebraska	Garden	Not Satisfied
Nebraska	Hamilton	Satisfied
Nebraska	Howard	Satisfied
Nebraska	Kearney	Satisfied
Nebraska	Kimball	Satisfied
Nebraska	Lancaster	Skipped
Nebraska	Merrick	Satisfied
Nebraska	Platte	Not Satisfied
Nebraska	Richardson	Satisfied
Nebraska	Saunders	Skipped

Nebraska	Scotts Bluff	Very Satisfied
Nebraska	Sherman	Satisfied
Nebraska	Sioux	Satisfied
Nevada	Clark	Satisfied
New Hampshire	Strafford	Not Satisfied
New Mexico	Curry	Satisfied
New Mexico	McKinley	Very Satisfied
New Mexico	Quay	Satisfied
North Carolina	Alleghany	Satisfied
North Carolina	Bladen	Satisfied
North Carolina	Burke	Satisfied
North Carolina	Camden	Skipped
North Carolina	Carteret	Satisfied
North Carolina	Cumberland	Satisfied
North Carolina	Davidson	Satisfied
North Carolina	Davie	Skipped
North Carolina	Edgecombe	Satisfied
North Carolina	Franklin	Skipped
North Carolina	Guilford	Satisfied
North Carolina	Haywood	Satisfied
North Carolina	Hertford	Skipped
North Carolina	Lenoir	Skipped
North Carolina	Moore	Skipped
North Carolina	New Hanover	Satisfied
North Carolina	Onslow	Satisfied
North Carolina	Richmond	Satisfied
North Carolina	Rowan	Skipped
North Carolina	Washington	Not Satisfied
North Carolina	Watauga	Satisfied
Ohio	Auglaize	Satisfied
Ohio	Columbiana	Satisfied
Ohio	Cuyahoga	Satisfied
Ohio	Defiance	Satisfied
Ohio	Franklin	Satisfied
Ohio	Fulton	Very Satisfied
Ohio	Greene	Satisfied
Ohio	Hamilton	Satisfied
Ohio	Highland	Skipped
Ohio	Holmes	Skipped
Ohio	Lake	Satisfied
Ohio	Logan	Skipped
Ohio	Montgomery	Very Satisfied
Ohio	Ottawa	Satisfied
Ohio	Preble	Satisfied
Ohio	Richland	Satisfied
Ohio	Seneca	Skipped
Ohio	Shelby	Satisfied
Ohio	Summit	Satisfied
Ohio	Tuscarawas	Satisfied
Oregon	Benton	Satisfied
Oregon	Clackamas	Satisfied
Oregon	Curry	Skipped
Oregon	Hood River	Satisfied
Oregon	Jackson	Very Satisfied

Oregon	Klamath	Satisfied
Oregon	Lincoln	Satisfied
Oregon	Linn	Satisfied
Oregon	Malheur	Satisfied
Oregon	Marion	Very Satisfied
Oregon	Multnomah	Satisfied
Oregon	Polk	Satisfied
Oregon	Tillamook	Satisfied
Oregon	Wasco	Very Satisfied
Oregon	Washington	Satisfied
Oregon	Yamhill	Satisfied
Pennsylvania	Philadelphia	Skipped
South Carolina	Aiken	Satisfied
South Carolina	Beaufort	Satisfied
South Carolina	Berkeley	Satisfied
South Carolina	Colleton	Satisfied
South Carolina	Dorchester	Satisfied
South Carolina	Greenville	Skipped
South Carolina	Horry	Satisfied
South Carolina	Kershaw	Satisfied
South Carolina	Lancaster	Skipped
South Carolina	Newberry	Skipped
South Carolina	Pickens	Satisfied
South Carolina	Spartanburg	Satisfied
Texas	Comal	Satisfied
Texas	Lampasas	Skipped
Texas	Williamson	Very Satisfied
Utah	Salt Lake	Satisfied
Utah	Washington	Not Satisfied
Utah	Weber	Not Satisfied
Vermont	Addison	Satisfied
Vermont	Bennington	Skipped
Vermont	Chittenden	Satisfied
Vermont	Franklin	Satisfied
Vermont	Grand Isle	Satisfied
Vermont	Lamoille	Satisfied
Vermont	Orange	Very Satisfied
Vermont	Windham	Very Satisfied
Washington	Adams	Satisfied
Washington	Benton	Satisfied
Washington	Chelan	Satisfied
Washington	Clallam	Not Satisfied
Washington	Clark	Not Satisfied
Washington	Cowlitz	Not Satisfied
Washington	Douglas	Satisfied
Washington	Franklin	Satisfied
Washington	Grant	Satisfied
Washington	Grays Harbor	Satisfied
Washington	Island	Satisfied
Washington	King	Skipped
Washington	Kittitas	Satisfied
Washington	Klickitat	Satisfied
Washington	Lewis	Satisfied
Washington	Pierce	Satisfied

Washington	Skamania	Not Satisfied
Washington	Snohomish	Satisfied
Washington	Spokane	Satisfied
Washington	Thurston	Not Satisfied
Washington	Wahkiakum	Satisfied
Washington	Walla Walla	Satisfied
Washington	Whatcom	Satisfied
Washington	Whitman	Very Satisfied
Washington	Yakima	Satisfied
West Virginia	Cabell	Not Satisfied
Wisconsin	Barron	Satisfied
Wisconsin	Brown	Satisfied
Wisconsin	Burnett	Not Satisfied
Wisconsin	Chippewa	Satisfied
Wisconsin	Clark	Satisfied
Wisconsin	Columbia	Skipped
Wisconsin	Dane	Satisfied
Wisconsin	Dodge	Not Satisfied
Wisconsin	Door	Satisfied
Wisconsin	Dunn	Satisfied
Wisconsin	Eau Claire	Satisfied
Wisconsin	Iowa	Satisfied
Wisconsin	Jackson	Very Satisfied
Wisconsin	Lafayette	Satisfied
Wisconsin	Lincoln	Satisfied
Wisconsin	Manitowoc	Satisfied
Wisconsin	Marathon	Not Satisfied
Wisconsin	Marquette	Satisfied
Wisconsin	Oconto	Skipped
Wisconsin	Oneida	Satisfied
Wisconsin	Outagamie	Satisfied
Wisconsin	Pepin	Satisfied
Wisconsin	Polk	Satisfied
Wisconsin	Rock	Very Satisfied
Wisconsin	Sauk	Satisfied
Wisconsin	Sawyer	Not Satisfied
Wisconsin	Shawano	Very Satisfied
Wisconsin	Sheboygan	Skipped
Wisconsin	Taylor	Satisfied
Wisconsin	Washburn	Satisfied
Wisconsin	Washington	Not Satisfied

## Questions #15 and #16 Workshop Interest Analysis

<b>State</b>	<b>County</b>	<b>State Plane Coordinates and Datum Transformations</b>	<b>Positioning Accuracy and Standards</b>	<b>GPS Processing</b>	<b>CORS Usage</b>	<b>Survey Mark Preservation</b>
Alaska	Kenai Peninsula	1	1	1	1	
Arizona	Gila	1	1	1		1
Arizona	Graham		1			
Arizona	Maricopa	1	1			
Arizona	Mohave	1	1	1		1
Arizona	Pima	1	1	1		
Arkansas	Conway			1	1	
Arkansas	Randolph			1		
Arkansas	Union			1	1	
Arkansas	White	1	1	1	1	1
California	El Dorado		1		1	
California	Humboldt	1		1	1	1
California	Lake				1	
California	Madera	1	1	1	1	1
California	Marin	1				
California	Mendocino			1		1
California	Orange			1		1
California	Sacramento				1	
California	San Bernardino			1		
California	San Francisco	1	1	1	1	1
California	San Joaquin	1	1		1	1
California	San Luis Obispo				1	1
California	Santa Clara	1	1	1		1
California	Santa Cruz	1			1	1
California	Siskiyou	1				
California	Solano		1	1		1
California	Stanislaus	1	1			1
California	Sutter		1			
California	Tuolumne		1		1	
Colorado	Boulder			1	1	1
Colorado	Clear Creek	1				1
Colorado	Conejos	1	1	1	1	
Colorado	El Paso					1
Colorado	Grand	1	1	1	1	
Colorado	La Plata					1
Colorado	Moffat	1	1	1	1	1
Colorado	Montrose	1	1		1	
Colorado	Morgan				1	
Colorado	Rio Blanco		1	1		
Delaware	Kent	1		1		
Delaware	New Castle	1		1		
Delaware	Sussex	1		1		
Florida	Brevard		1	1	1	1
Florida	Broward		1	1		
Florida	Hillsborough	1	1	1	1	1
Florida	Indian River	1	1			1

Florida	Martin	1	1			
Florida	Miami-Dade		1	1	1	1
Florida	Orange			1	1	1
Florida	Osceola	1				
Florida	Pasco	1	1	1		
Florida	Seminole	1	1		1	1
Florida	St. Johns	1	1	1	1	1
Florida	Walton	1				
Georgia	Hall	1	1	1	1	1
Idaho	Ada			1		1
Idaho	Blaine	1		1	1	1
Idaho	Idaho	1	1	1	1	1
Idaho	Nez Perce		1	1	1	1
Idaho	Payette	1	1	1	1	1
Idaho	Valley	1		1	1	1
Illinois	Champaign	1	1		1	1
Illinois	Clinton	1				
Illinois	Lake	1	1	1	1	
Illinois	McHenry	1	1	1	1	1
Illinois	Rock Island			1		
Illinois	Sangamon		1			
Illinois	Stephenson	1		1		
Illinois	Will		1	1	1	1
Indiana	Lake	1	1			1
Indiana	Madison		1			
Indiana	Marion	1	1			1
Indiana	Martin	1	1			
Indiana	St. Joseph	1		1	1	
Indiana	Vanderburgh				1	1
Kansas	Ellsworth	1				
Kansas	Ford	1	1	1	1	1
Kentucky	Boyd	1	1	1	1	1
Kentucky	Calloway		1	1	1	
Kentucky	Christian	1	1		1	
Kentucky	Harlan	1	1	1	1	1
Kentucky	Marshall	1			1	1
Kentucky	Ohio	1	1	1	1	1
Kentucky	Scott	1				1
Kentucky	Spencer		1			
Louisiana	Calcasieu	1	1	1	1	1
Louisiana	St. Mary		1		1	
Louisiana	Tangipahoa			1		
Louisiana	Terrebonne				1	
Massachusetts	Middlesex	1	1	1	1	1
Massachusetts	Norfolk			1		
Michigan	Clinton	1	1			1
Michigan	Crawford	1	1	1		
Michigan	Delta			1	1	
Michigan	Genesee	1	1	1	1	1
Michigan	Houghton	1	1	1	1	1
Michigan	Ingham	1	1		1	
Michigan	Iosco	1		1	1	1
Michigan	Isabella	1	1		1	1
Michigan	Leelanau	1	1		1	1

Michigan	Livingston	1	1	1		
Michigan	Mackinac			1	1	
Michigan	Macomb			1		
Michigan	Menominee	1		1	1	1
Michigan	Newaygo	1	1	1	1	1
Michigan	Ogemaw	1	1	1		
Michigan	Osceola		1		1	
Michigan	Roscommon	1	1	1		
Michigan	Saginaw	1	1		1	
Michigan	Washtenaw	1	1		1	1
Michigan	Wayne	1			1	1
Minnesota	Beltrami		1	1		
Minnesota	Carver		1			
Minnesota	Chisago				1	1
Minnesota	Dakota				1	1
Minnesota	Goodhue	1				
Minnesota	Houston		1	1		1
Minnesota	Itasca	1	1			
Minnesota	Meeker			1	1	1
Minnesota	Mille Lacs	1	1	1		
Minnesota	Pine				1	1
Minnesota	Ramsey		1	1		
Minnesota	Sherburne	1	1	1	1	1
Mississippi	George	1				
Mississippi	Washington	1		1		
Nebraska	Cass	1			1	
Nebraska	Deuel	1		1		
Nebraska	Douglas	1				
Nebraska	Garden	1		1		
Nebraska	Hamilton	1		1	1	
Nebraska	Hooker	1	1	1		
Nebraska	Howard	1	1	1		
Nebraska	Kimball	1	1		1	1
Nebraska	Platte	1			1	1
Nebraska	Richardson			1		1
Nebraska	Scotts Bluff	1	1			
Nebraska	Sherman	1	1	1		
Nebraska	Sioux	1	1		1	1
New Hampshire	Strafford	1	1	1	1	
New Mexico	Curry	1				
New Mexico	McKinley		1			
New Mexico	Quay		1			
North Carolina	Alleghany	1				
North Carolina	Cumberland	1	1	1		
North Carolina	Davidson	1	1	1		1
North Carolina	Edgecombe	1				
North Carolina	Haywood	1			1	
North Carolina	New Hanover	1	1			
North Carolina	Onslow	1	1	1	1	
North Carolina	Richmond	1	1		1	
Ohio	Columbiana	1	1	1	1	1
Ohio	Defiance	1				
Ohio	Franklin		1	1	1	
Ohio	Fulton	1	1	1		1

Ohio	Greene			1	1	
Ohio	Lake				1	
Ohio	Montgomery	1		1		
Ohio	Ottawa	1		1	1	1
Ohio	Preble	1	1			
Ohio	Richland	1	1	1	1	
Ohio	Seneca	1	1	1	1	
Ohio	Shelby	1		1	1	1
Ohio	Summit		1			1
Oregon	Clackamas		1	1		1
Oregon	Hood River	1		1	1	1
Oregon	Jackson		1		1	1
Oregon	Klamath	1			1	1
Oregon	Linn	1	1	1		
Oregon	Malheur	1	1			1
Oregon	Marion		1			
Oregon	Polk	1	1	1	1	
Oregon	Wasco	1	1	1	1	1
Oregon	Washington	1	1	1	1	1
South Carolina	Aiken	1	1	1	1	
South Carolina	Berkeley	1				
South Carolina	Colleton		1	1	1	
South Carolina	Dorchester		1			1
South Carolina	Kershaw	1				
South Carolina	Spartanburg	1	1		1	
Texas	Comal		1			
Texas	Williamson			1		
Utah	Salt Lake	1	1			1
Utah	Washington	1	1	1	1	1
Utah	Weber	1	1	1		
Vermont	Addison	1				
Vermont	Chittenden		1	1		
Vermont	Lamoille	1				
Vermont	Orange	1	1	1	1	1
Vermont	Windham	1	1			
Washington	Adams	1	1	1		1
Washington	Benton	1	1	1	1	1
Washington	Chelan		1			
Washington	Clallam	1		1		
Washington	Clark		1			1
Washington	Cowlitz	1	1	1	1	1
Washington	Franklin	1	1	1	1	1
Washington	Grant	1		1		
Washington	Grays Harbor				1	
Washington	Island	1	1	1		1
Washington	Lewis	1				
Washington	Skamania	1	1	1		
Washington	Snohomish	1				
Washington	Spokane		1		1	1
Washington	Thurston				1	
Washington	Wahkiakum	1				
Washington	Walla Walla	1	1	1	1	1
Washington	Whatcom			1	1	1
Washington	Whitman	1	1	1	1	1



Washington	Yakima	1		1	1	1
West Virginia	Cabell	1	1	1	1	1
Wisconsin	Brown		1		1	1
Wisconsin	Burnett				1	1
Wisconsin	Dane				1	1
Wisconsin	Dodge	1		1		
Wisconsin	Dunn				1	1
Wisconsin	Eau Claire		1	1		1
Wisconsin	Jackson			1		
Wisconsin	Lafayette		1		1	
Wisconsin	Lincoln				1	1
Wisconsin	Marathon	1				1
Wisconsin	Oneida	1	1	1		
Wisconsin	Outagamie	1		1		
Wisconsin	Polk				1	1
Wisconsin	Rock		1			
Wisconsin	Sauk		1			
Wisconsin	Sawyer	1	1			1
Wisconsin	Washington	1	1	1	1	1