GPRA & County Scorecard Brown Bag

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National Oceanic and Atmospheric Administration

Presentation Overview

- **Overview**
- **Background**
- **Partners**
- **Details**
- **Results**
- **Next Steps**

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Overview

Measures the percentage of U.S. counties rated as fully enabled or substantially enabled with accurate positioning capacity

- Goal: Increase % of counties rated as substantially or fully enables from 25% in 2004 to 90% in 2011
- County Scorecard is an important component

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Overview

- FY06 was first year of implementation
  - a more customer, outcome focused measure
  - replaces "old" GPRA measure: Percent of National Spatial Reference System Complete
- **Extremely High Visibility.** Reported to:
  - National Ocean Service
  - Department of Commerce
  - President's Office of Management and Budget
  - Congress
  - The general public (through PART at www.expectmore.gov)

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Background

Why are we doing this?

▫ GPRA- Government Performance and Results Act of 1993
  • requires agency reporting of performance goals and targets
▫ DOC Inspector General Report, February 2003,
  • recommended reevaluation of old GPRA measure
▫ to reach out and interact with our core customers
  • for input
  • for education
▫ to improve our Products and Services
▫ to improve management decisions on how best to allocate resources

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Who is involved in this process?

- NGS Leadership
- State Geodetic Representatives
  - local County Surveyors
  - GIS Professionals
- State Advisors / Coordinators
- Products and Services Committee
- Other Partners
  - National Association of County Surveyors
  - American Congress on Surveying and Mapping
  - National Association of Counties

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GPRA Measure Details

Indicator:

By County, a measure of the NOAA-provided level of infrastructure, tools, and local capacity needed for accurate positioning as follows:

RED – Not yet classified

YELLOW – County "substantially enabled" to conduct accurate positioning (Use OPUS as a Proxy)

GREEN – County is "fully enabled" to conduct accurate positioning (Use County Scorecard for validation and to improve NGS products and services)
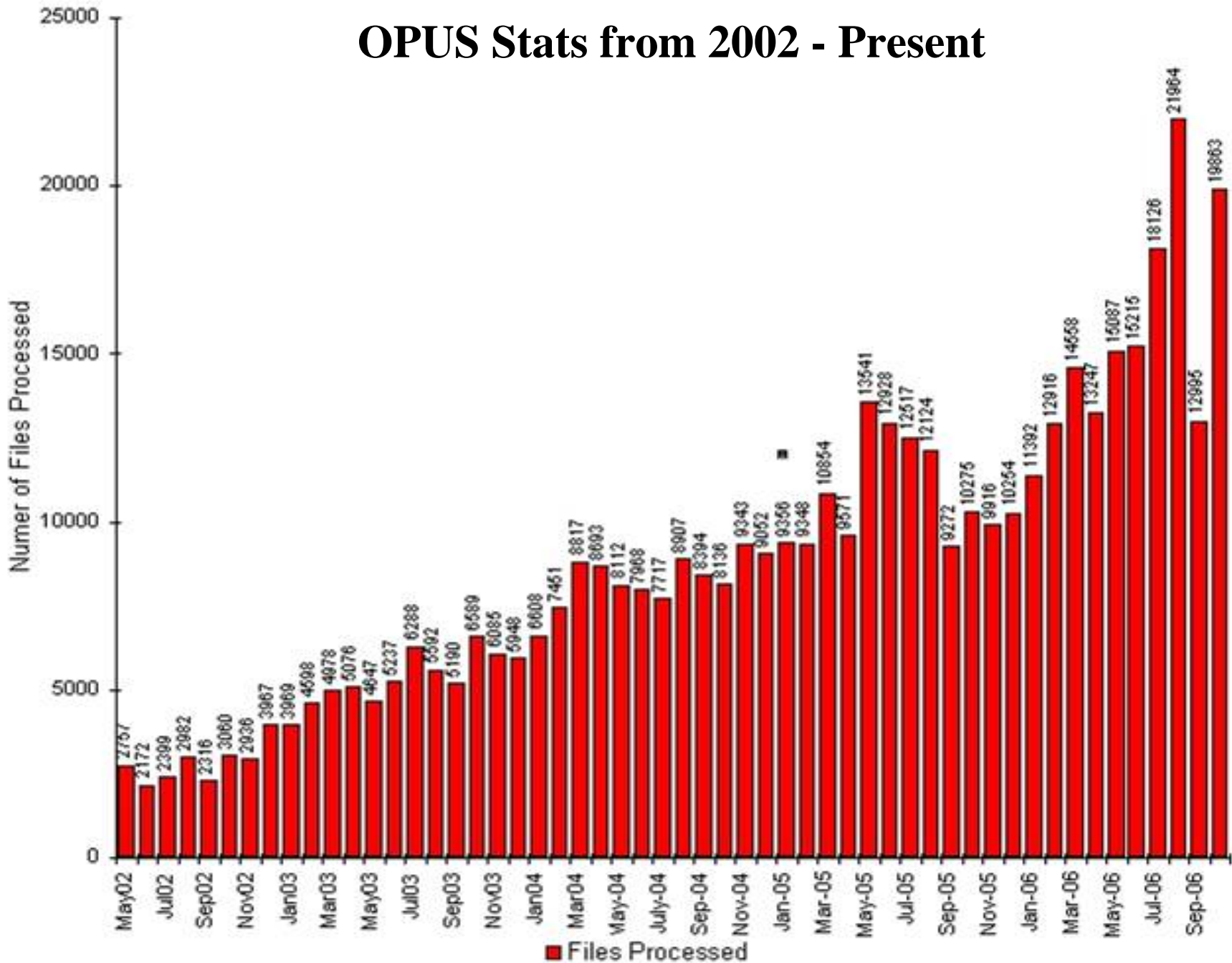
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Definition of Substantially Enabled

□Indicates County has demonstrated it has the NOAA-enabled infrastructure, tools, and local capacity needed for accurate positioning

□Measures local OPUS use as a proxy

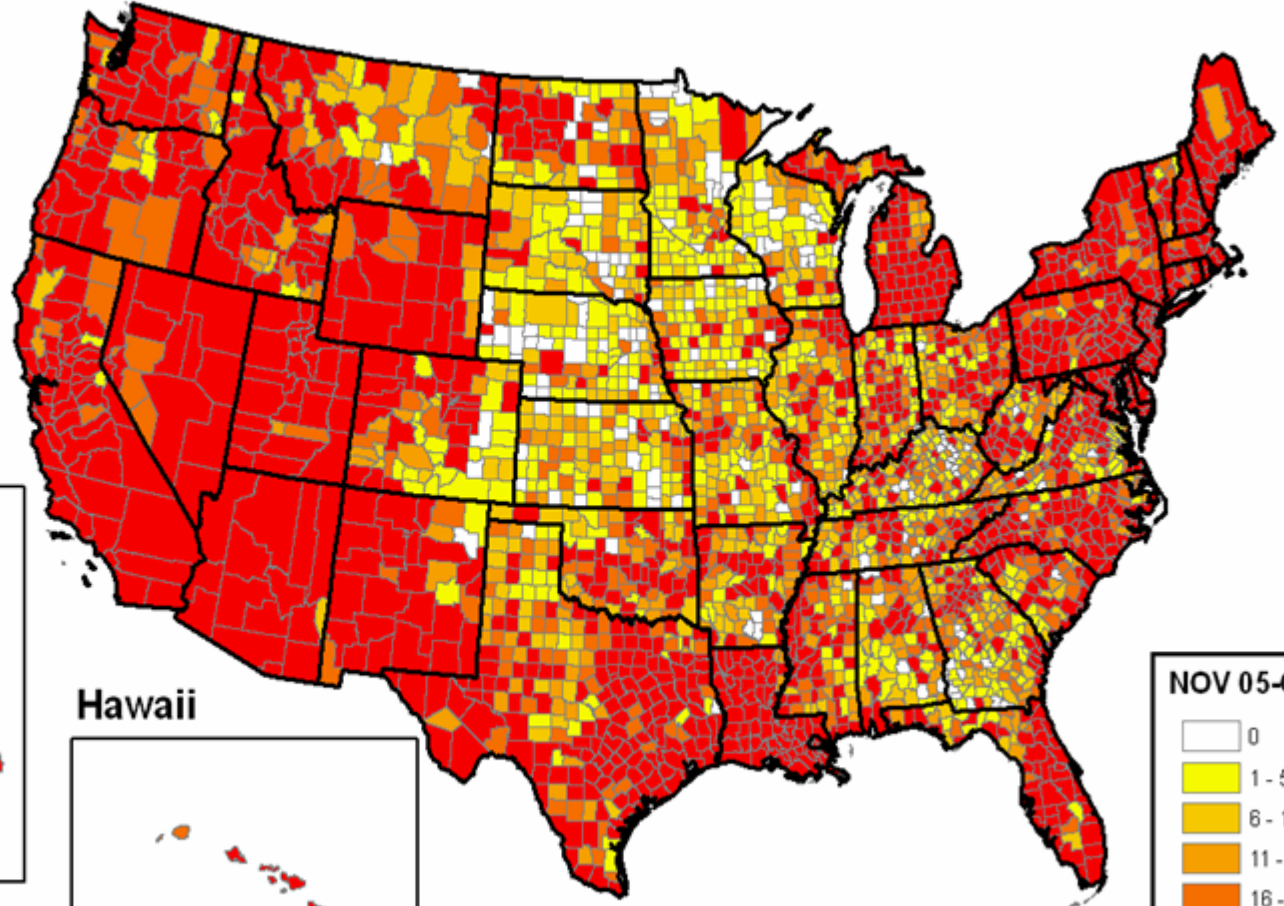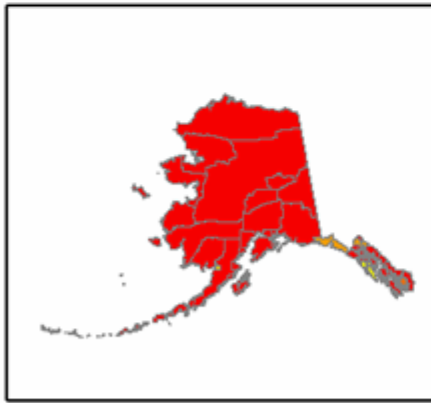□Indicated by 25 or more OPUS solution generations in a given county in the last year.

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OPUS Stats from 2002 - Present

OPUS Usage November 2005 Through October 2006
Total = 167,451

Alaska

Hawaii

NOV 05-OCT 06		
0		5.71%
1 - 5		17.03%
6 - 10		11.98%
11 - 15		9.05%
16 - 24		12.05%
25 - 2511		43.65%

Hale 11/2/2006

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Definition of Fully Enabled

- Indicates county validated NOAA-enabled infrastructure, tools, and local capacity needed for accurate positioning. This is indicated by having the four following elements:

  1. The county participates in the State Advisor/Coordinator program or has a State Designated Equivalent.
  2. NGS has identified a County Designated Representative such as: County Surveyor, County Engineer, GIS Administrator, or equivalent.
  3. County has submitted accepted "blue book" data to NGS through activities such as: leveling project software, GPS projects and OPUS DB (when available).
  4. County completes a county-based, accurate-positioning scorecard (County Scorecard).

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County Scorecard Details

- Developed over the two years in partnership with NACS

- Gauges the local use of NOAA positioning tools and services as well as customer satisfaction.

- Web-based. Uses Survey Monkey web survey tool.

- Contains 23 questions specifically focusing on infrastructure, NGS models and tools, NGS capacity building and outreach, and overall satisfaction.

- Paperwork Reduction Act Compliant

- Two distributions so far:

  - In December 2005, the County Scorecard was finalized and distributed to 200 NACS members. Survey closed in February 2006. Received 104 responses.

  - In June 2006 the 2nd Distribution was sent to 737 State Geodetic Representatives. Survey closed in September 2006. Received 309 responses.
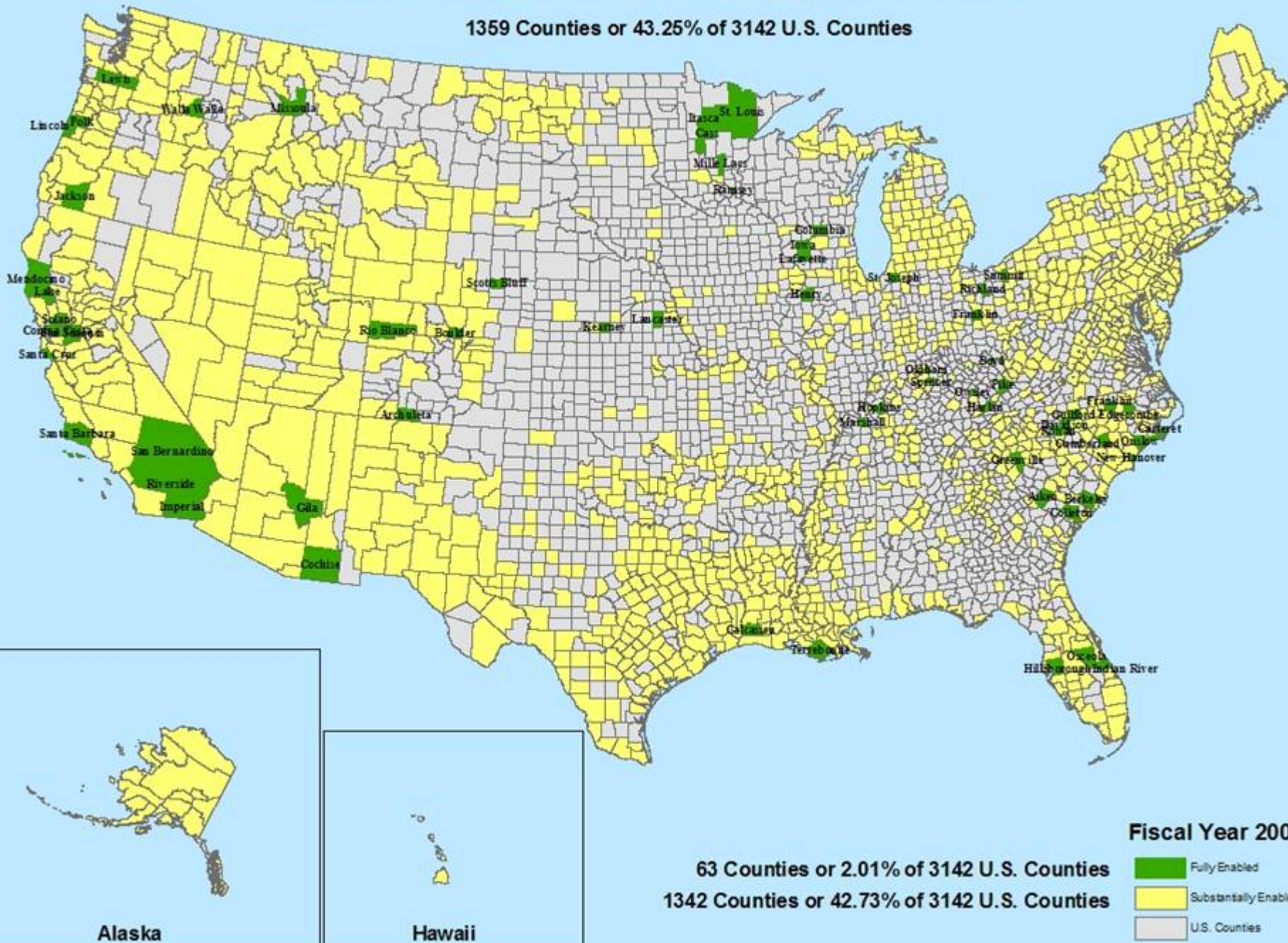
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Results

Fully or Substantially Enabled Counties - FY 2006

1359 Counties or 43.25% of 3142 U.S. Counties

Alaska

Hawaii

Fiscal Year 2006

63 Counties or 2.01% of 3142 U.S. Counties

1342 Counties or 42.73% of 3142 U.S. Counties

- Fully Enabled
- Substantially Enabled
- U.S. Counties

Howe 10/10/06

GRPA Measure Targets

Ranking	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Substantially Enabled	44%	52%	62%	62%	62%
Fully Enabled	5%	8%	13%	20%	30%
Total GPRA (Green and/or Yellow)	49%	60%	75%	82%	92%

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Results from County Scorecard 2ⁿᵈ Distribution

3. What best describes your profession?

		Response Percent	Response Total
County Surveyor (non-NACS member)		34.9%	106
County Surveyor (NACS member)		6.6%	20
Local Government Representative		12.5%	38
Geodesist/Cartographer		2.3%	7
Other Land Surveyor/Engineer		12.8%	39
GIS/Mapping User		34.2%	104
Other (please specify)		9.2%	28

Results from County Scorecard 2nd Distribution

12. What is your overall satisfiaction with NGS' Models and Tools?

	Response Percent	Response Total
Very Satisfied	10.7%	19
Satisfied	**78%**	**138**
Not Satisfied	11.3%	20

21. What is your overall level of satisfaction withe products and services that NGS provides to your work?

	Response Percent	Response Total
Very Satisfied	14.3%	23
Satisfied	**68.3%**	**110**
Not Satisfied	17.4%	28

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Results from County Scorecard 2ⁿᵈ Distribution

	Very Satisfied	Satisfied	Not Satisfied	N/A
Aeronautical Photos and Data	4%	24%	9%	63%
CORS	14%	45%	12%	29%
Monumented Horizontal Control	12%	55%	20%	12%
Monumented Vertical Control	9%	50%	28%	13%
Geoid Models	9%	38%	5%	48%
GPS Orbital	6%	34%	3%	57%

Results from County Scorecard 2nd Distribution

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

	Response Percent	Response Total
Height Modernization Forum	23.4%	29
Blue Booking	30.6%	38
Calibration Baselines	24.2%	30
CORS Usage	50%	62
Developing an Accurate GIS/LIS	37.9%	47
Development, Implementation and Future of NSRS	14.5%	18

18. Are you aware of the State Advisor/Coordinator Program?

	Response Percent	Response Total
Yes	55.8%	91
No	44.2%	72

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Results from County Scorecard 2nd Distribution

County Scorecard Comments:

"I was not aware of many of the available items/programs available. It should help that I know the information is out there."

"While updating multiple online datasheet submittals, I accidentally typed in the wrong County Code, and for the 10 or so monuments I recovered, they say the wrong county code on them. I know this was my error while typing, but maybe if a double check could be incorporated, it would solve this problem."

"Have used NGS products/services very sparingly. I don't readily think of NGS as a resource."

Comment on OPUS: "Great service. We need more CORS in central Idaho. Plate boundary commission?"

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Next Steps

- Increase awareness of County Scorecard within and outside of NGS
    - Publicize results on the NGS website.
    - Make data readily available on NGS Intranet / Sharepoint site
- Update list of County Geodetic Representatives
- Provide feedback from 2nd Distribution to State Advisors
- Scrub the County Scorecard Database
- **Identify High Priority Counties to Target in FY 2007**
- **Incorporate results into management decisions**
    - Improve Products and Services
    - Targeted Workshops
- Meet with National Association of County Surveyors
- **Initiate 3rd Distribution of County Scorecard**
- Work with other partners on advancing this initiative
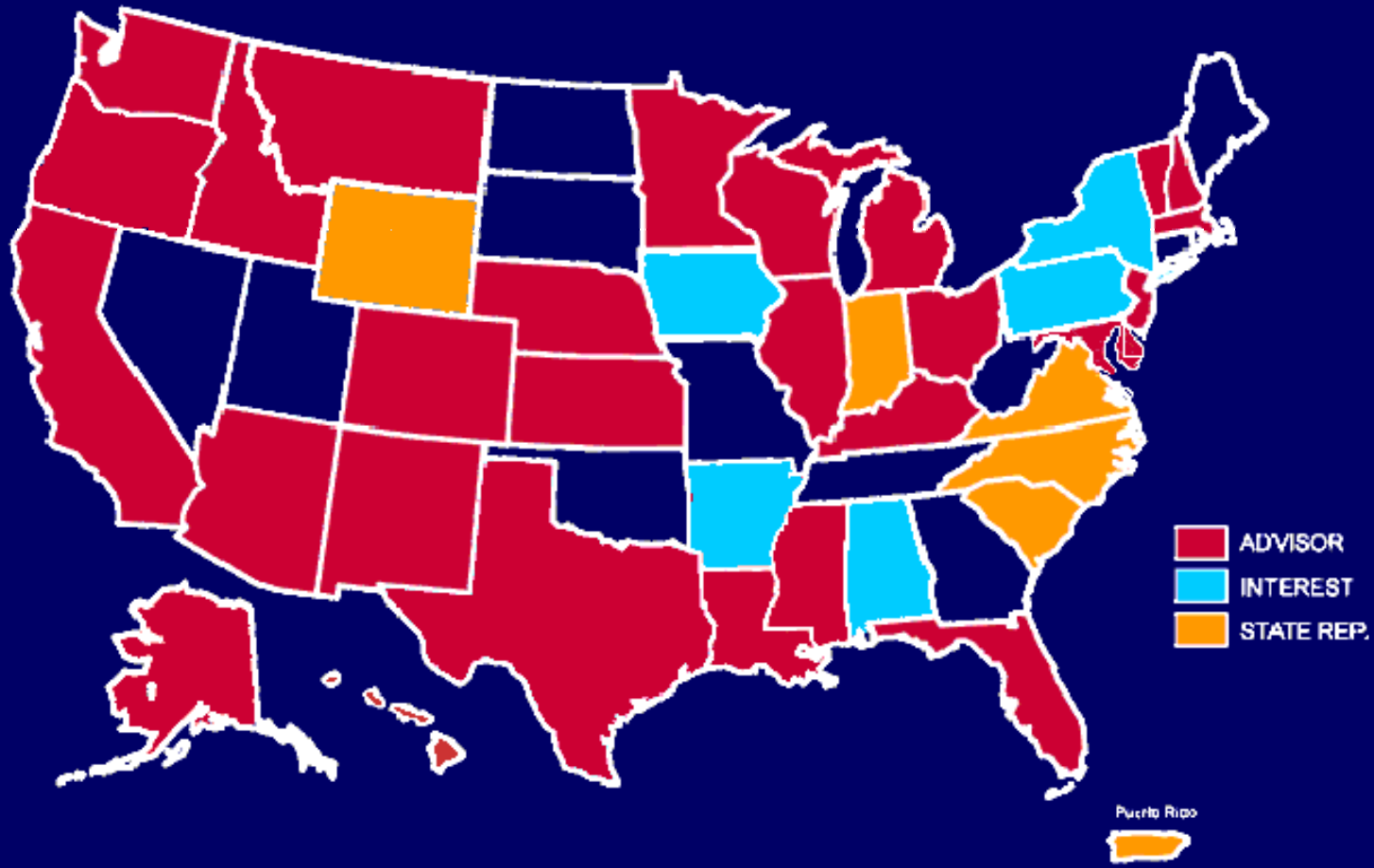   - NACO and others

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BACKGROUND SLIDES

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State Advisor Program

National Geodetic Survey State Advisors

Online Positioning User Service (OPUS)

- Users submit GPS data to NGS, where they are processed using NGS computers and software.
- The resulting precise positions are e-mailed back to the user.