

Cervical and Breast Cancer Screening Rates Among Women With Disabilities, United States, 2006

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Women with Disabilities

- Have an equal likelihood of developing breast or cervical cancers
- Receive inadequate preventive care
 - ◆ Less likely to receive mammograms, Pap tests (Nosek 1997, Iezzoni 2000, CDC 1998, Chan 1999)
- Experience unique barriers to health care



Current Knowledge Gap

- *Healthy People 2010* Objectives 3-11b, 3-13
- To date, no state-level surveillance of women's health indicators among those with disabilities



Methods

- Data
 - ◆ 2006 BRFSS
 - ◆ 50 states, DC, PR, US VI
- Bivariate descriptive analysis
 - ◆ SUDAAN
 - ◆ Age adjusted



Key Measures

- Women ≥ 40 years:
 - ◆ Mammogram within past 2 years
- All women (≥ 18 years):
 - ◆ Clinical breast exam in past year
 - ◆ Pap test within past 3 years



Case Definition of Disability

- Has activity limitation from physical, mental, or emotional problems
- Uses special equipment because of health problem



Disability Prevalence

- Women ≥ 18 years old (n=217,784)
 - ◆ 1 in 5 (22.4%)
- Women ≥ 40 years old (n=165,311)
 - ◆ 1 in 3 (29.2%)

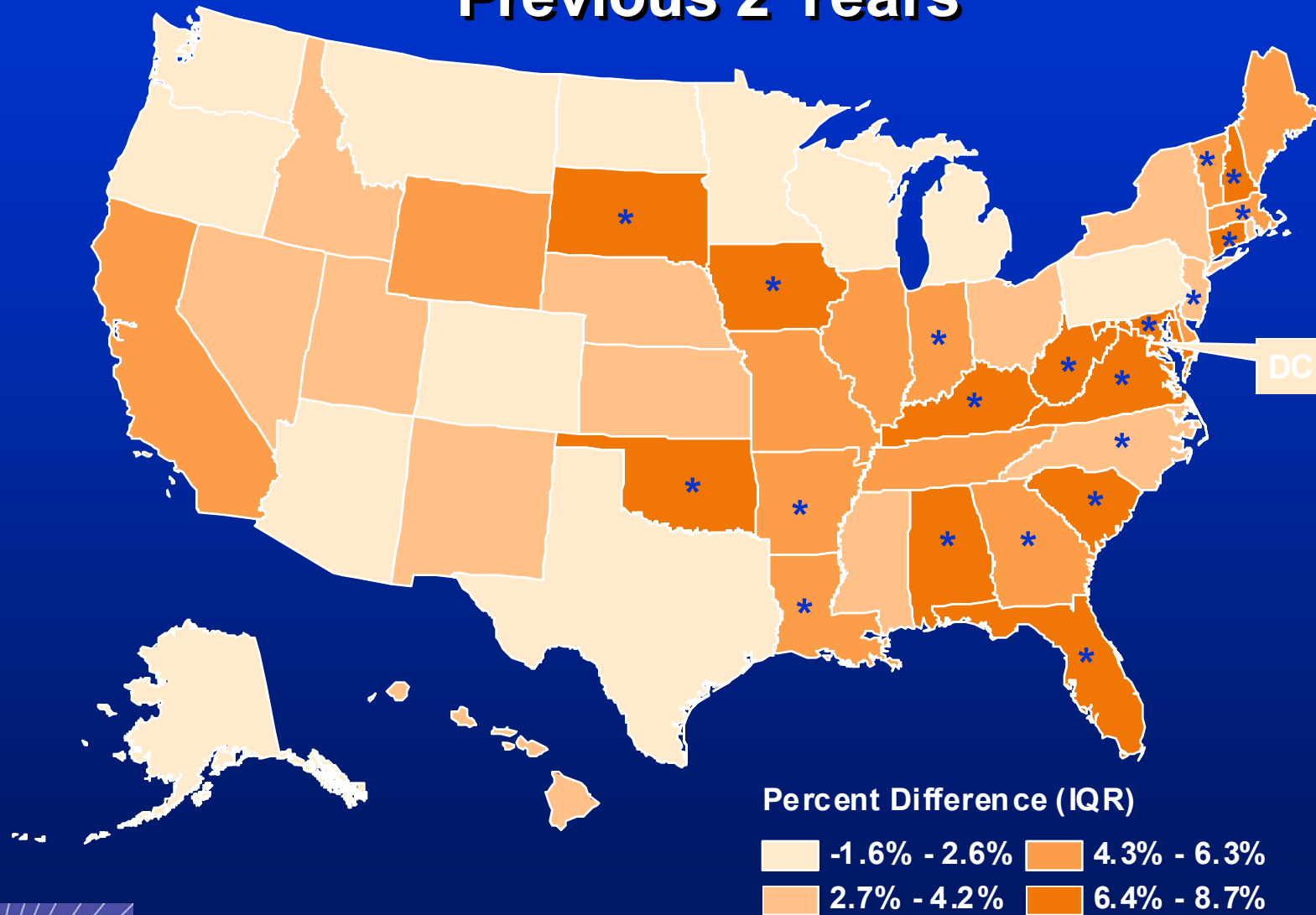


Percentage of Women (aged ≥ 40 years) Reporting a Mammogram Within Previous 2 Years

	With Disability	Without Disability
Mean	72.4%	76.4%
Range	59.3%-82.8%	60.8%-86.0%
Selected States		
Alabama	70.9%	79.6%
California	75.0%	79.6%
Illinois	71.0%	75.5%
New York	76.6%	80.2%
Texas	70.4%	70.8%



Differences in Mammograms Received in Previous 2 Years

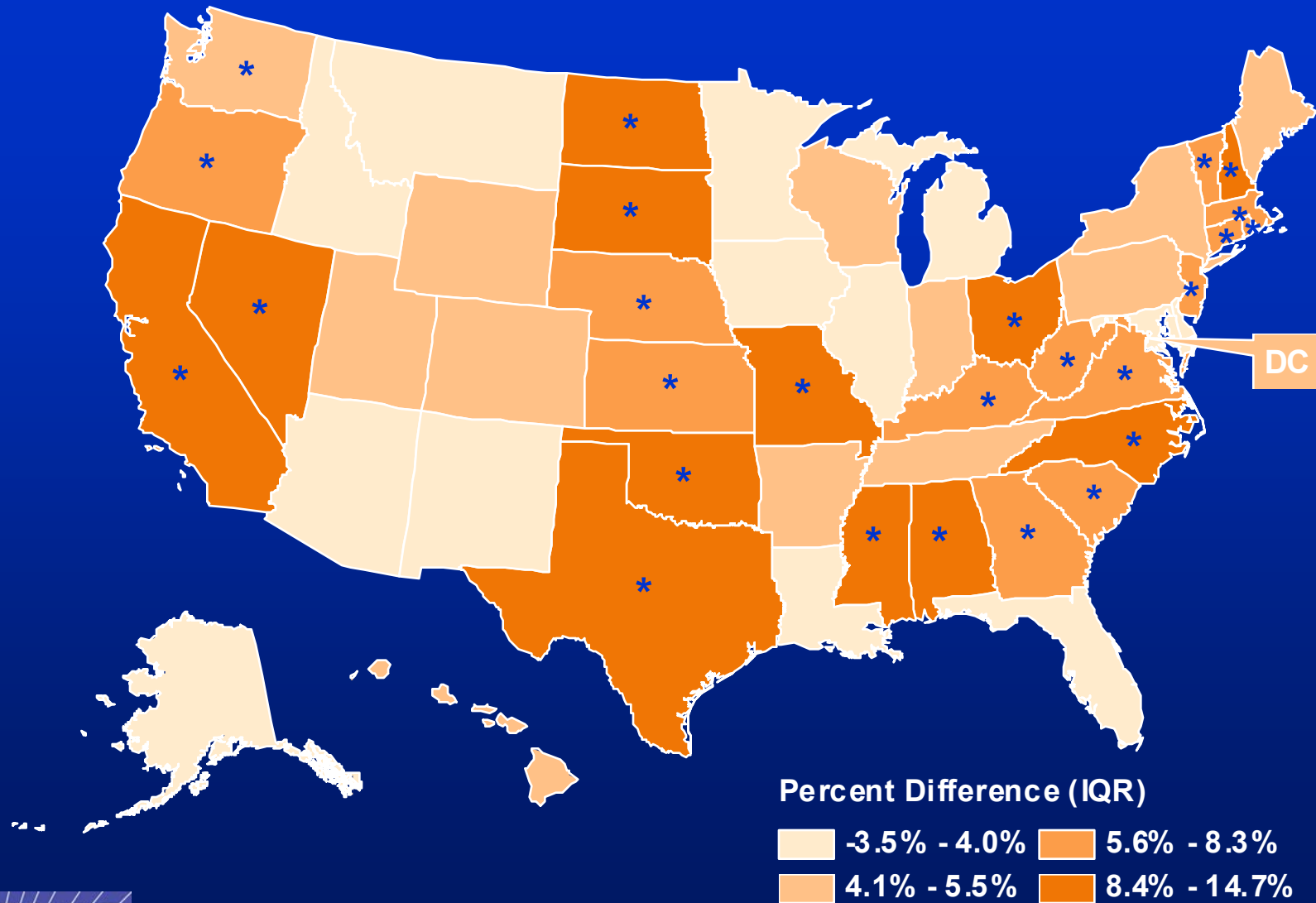


Percentage of Women (aged ≥ 18 years) Reporting a Clinical Breast Exam Within the Previous Year

	With Disability	Without Disability
Mean	59.6%	65.3%
Range	41.3%-75.5%	45.5%-76.7%
Selected States		
Alabama	55.4%	66.8%
California	53.1%	62.1%
Illinois	62.3%	63.9%
New York	64.9%	69.9%
Texas	51.8%	61.1%



Differences in Reported Annual Clinical Breast Exams



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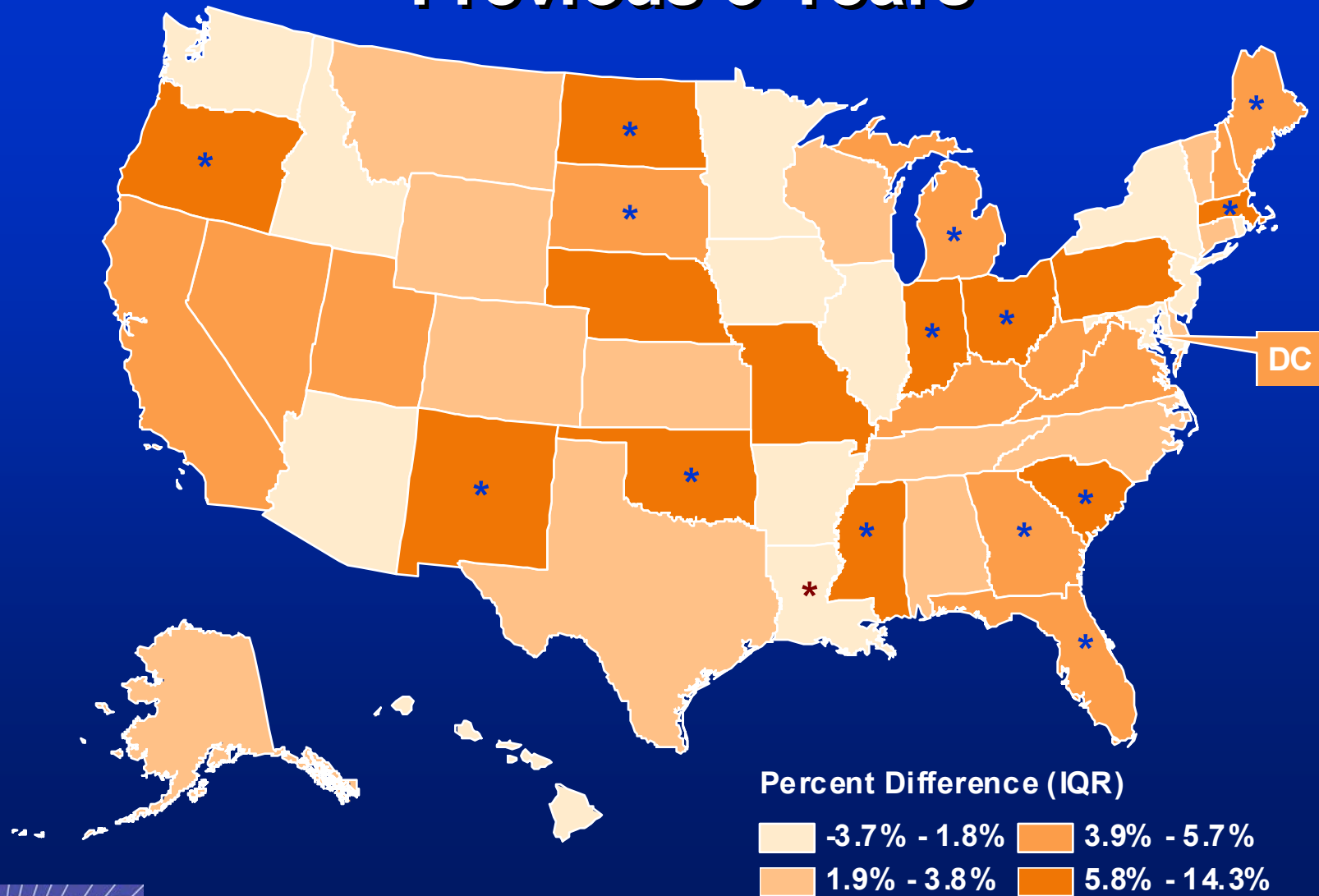
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Percentage of Women (aged ≥ 18 years) Reporting a Pap test Within Previous 3 Years

	With Disability	Without Disability
Mean	80.7%	84.2%
Range	70.1%-90.3%	72.9%-90.0%
Selected States		
Alabama	80.7%	83.8%
California	79.6%	84.9%
Illinois	83.8%	82.8%
New York	84.8%	85.3%
Texas	76.7%	80.0%



Differences in Pap Tests Received in Previous 3 Years



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Limitations

- Limited sampling frame
- Self-reported data
- Severity of disability
- Cross-sectional
- Cancer screening \neq women's health



Conclusions

- First report of state-level estimates of health screenings for women with disabilities
- Significant disparities in breast and cervical cancer screenings for women with disabilities compared to women without disabilities
- Future work: multivariate analysis to control for potentially confounding covariates



Thank you!

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