

Prevalence of Autism in Puerto Rico: Results of the 2011 Survey

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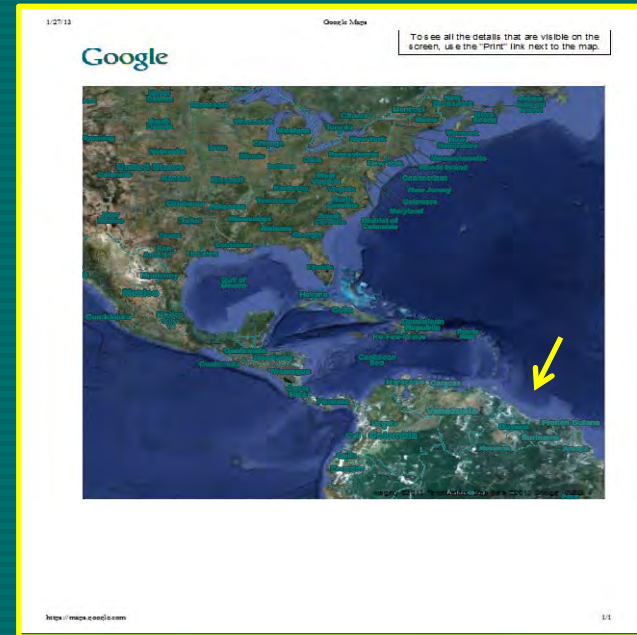


Tópicos

- Background
- Survey Methodology
- Findings
- Discussion

Where is Puerto Rico?

- Puerto Rico is an island in the Caribbean that since 1898 have been under the sphere of the United States
- In 2010 its population was nearly 3.7 million
- In 2010 there were about 40,000 births



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Autism: Challenges in Puerto Rico

- There were no survey or surveillance data to estimate the prevalence of autism in Puerto Rico
 - Available data sources
 - Children with autism registered through Special Education, Department of Education
 - Survey of Children with Special Health Care Needs

Objetives

- Estimate the prevalence of autism in 2011 among children aged 4 to 17 years
- Evaluate their need for health, education, and social services needs (data not presented)

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Methods

- Telephone survey using random-digit dialing methods among residences with a telephone
- Target population
Children 4 to 17 years old
- Probability Sample was stratified based on the regions of the Puerto Rico Health Insurance Services Administration

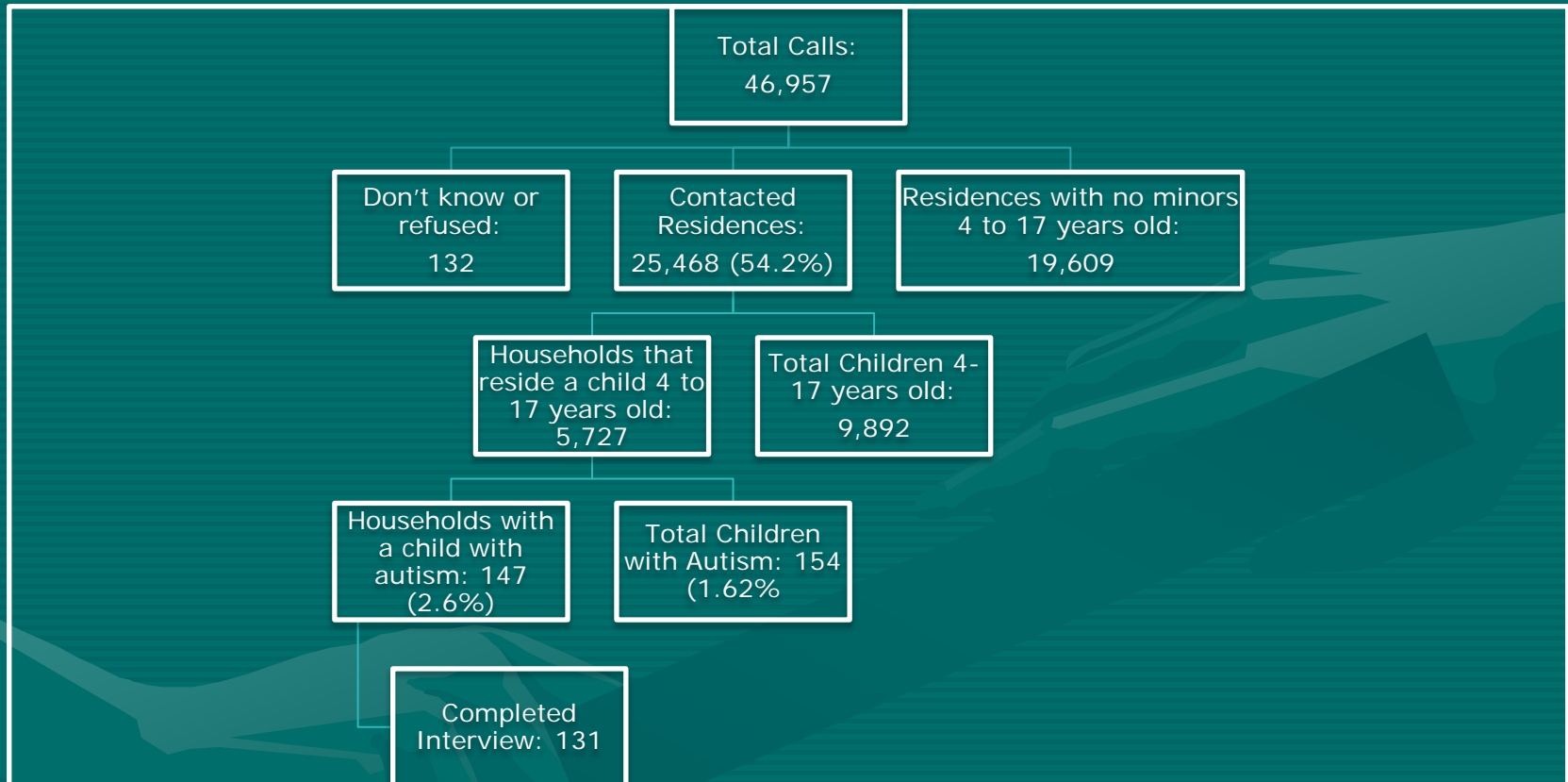
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Autism Survey, Call Flow, Puerto Rico, 2011



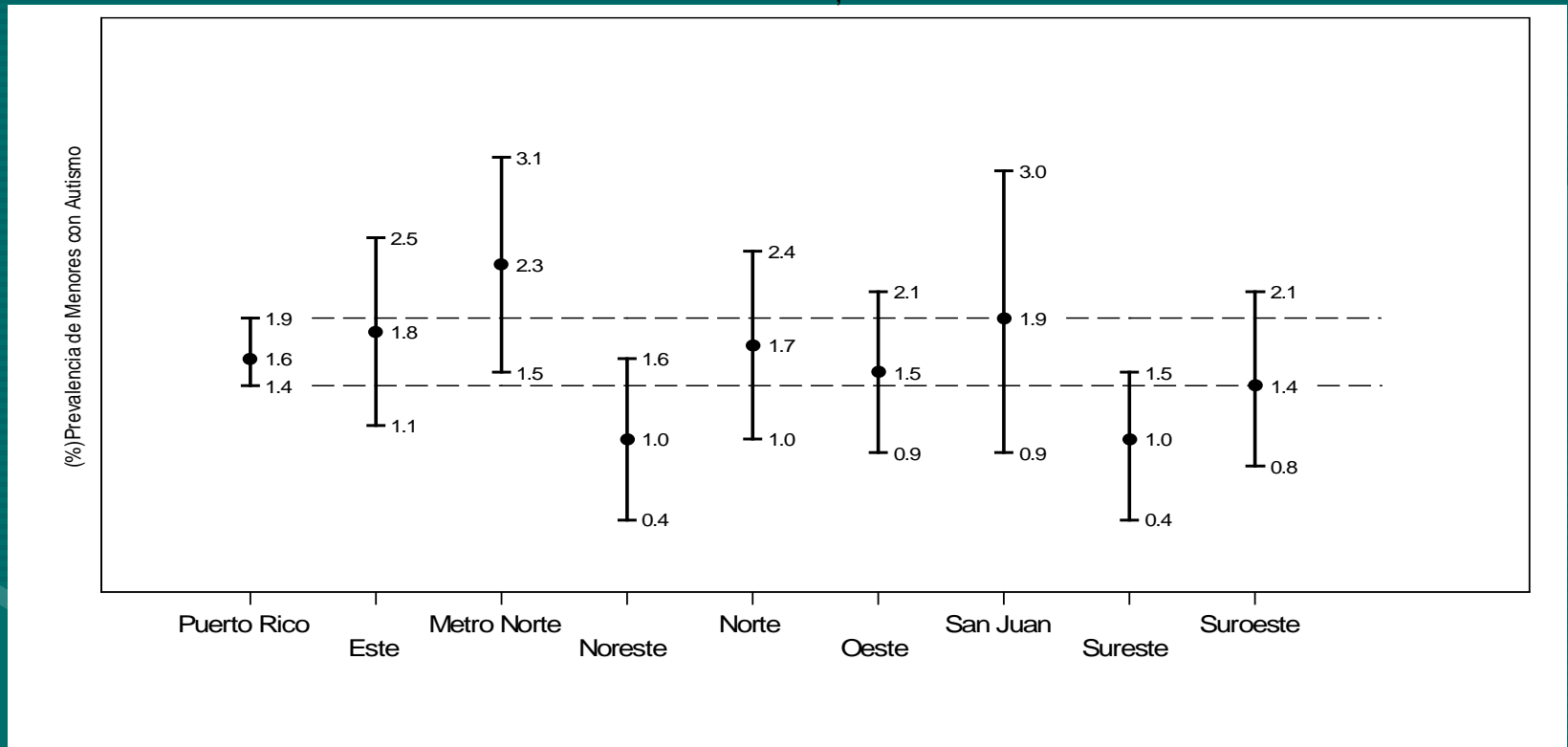
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Autism Prevalence by Region, Puerto Rico, 2011



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Autism Prevalence and Population Estimates, Puerto Rico , 2011

- Prevalence
 - 16.2 per 1,000
 - 1 in 62
- Population Estimates
 - 0 to 3 years old: 2,890
 - 4 to 17 years old: 11,743
 - 18 years + (5,062 – 7189)
 - Total (19,965 – 21,822)

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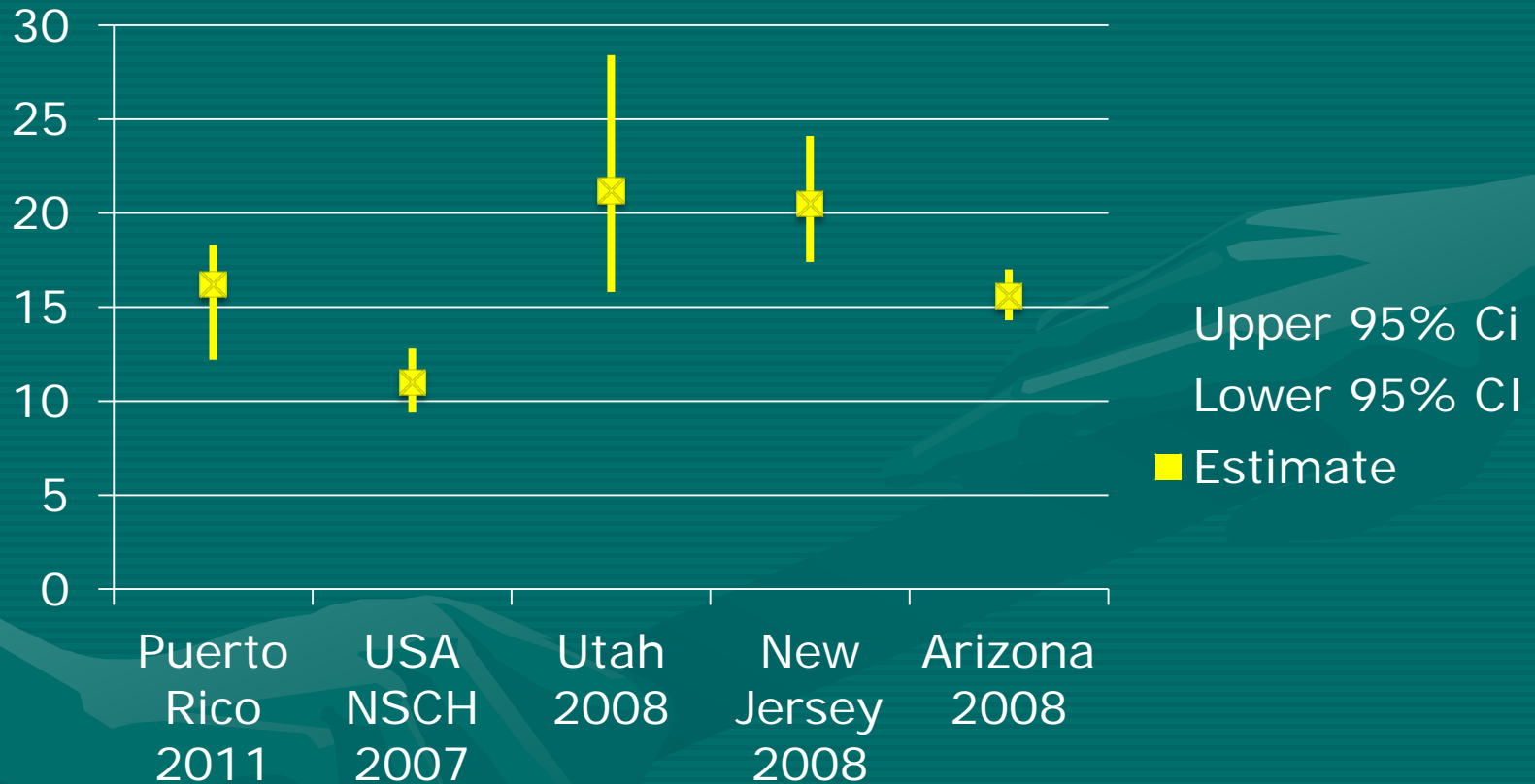
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Autism Prevalence, PR and Selected US Locations, 2007, 2008, 2011



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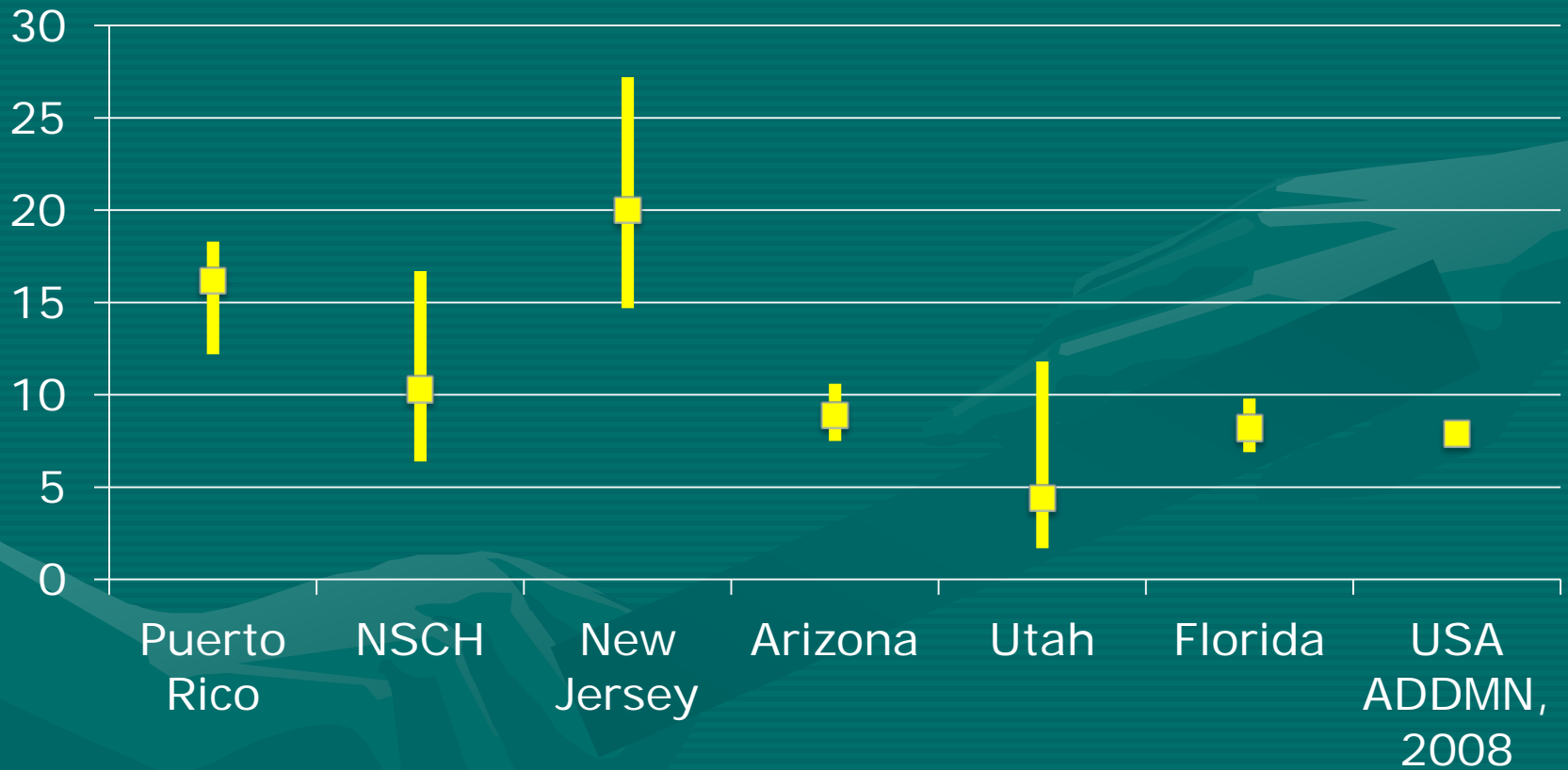
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Autism, Puerto Rico and Hispanics in USA, Selected Locations, 2007, 2008, 2011



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Summary

- The prevalence of autism in Puerto Rico for children 4 to 17 years old in 2011 was 1 in 62
- The prevalence of autism in Puerto Rico falls within the range reported for Hispanics in the US
- Differences in prevalence of autism among Hispanic populations in the US should be evaluated.



**Gracias
Thank You**

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