

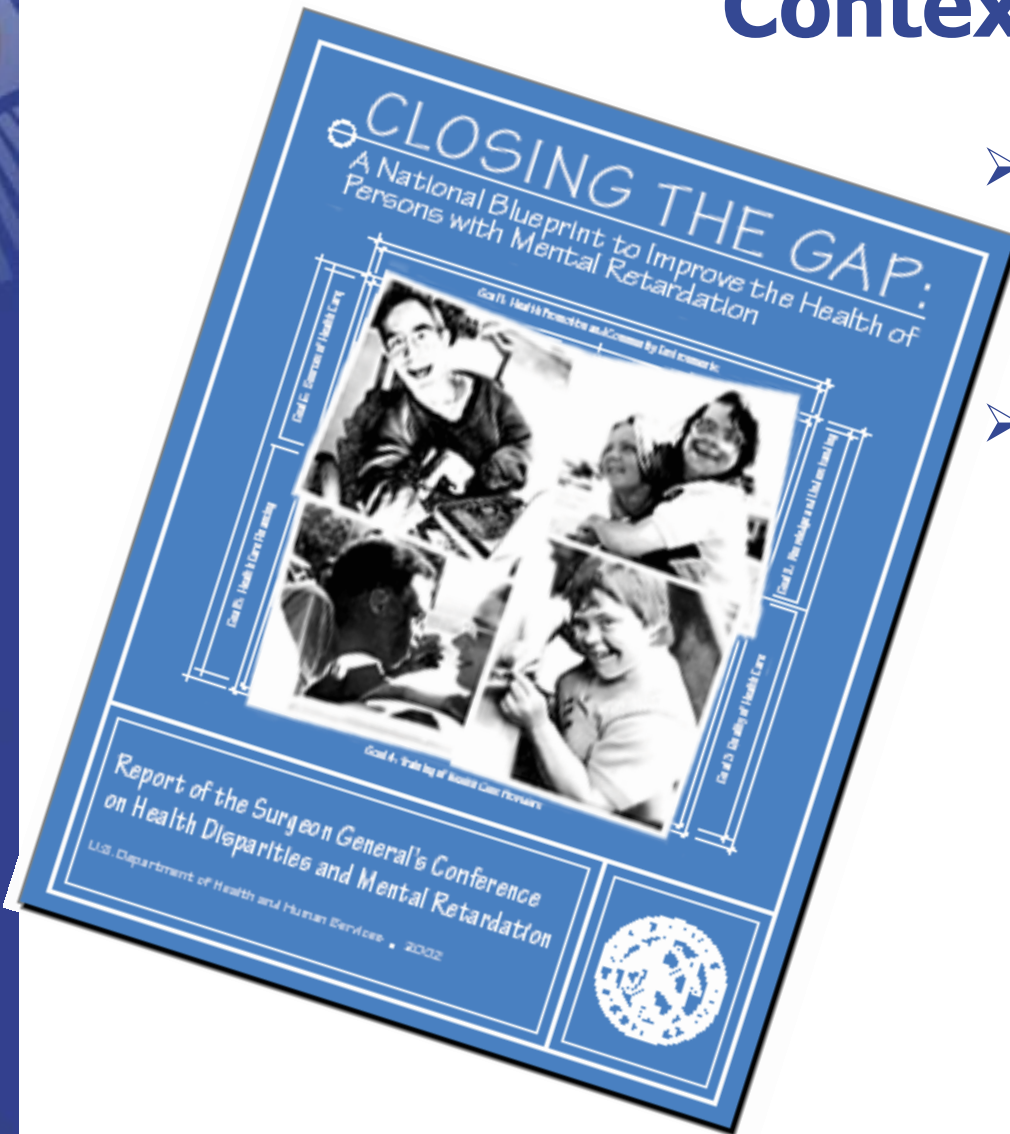
Pregnancy Outcomes of Women with Developmental Disabilities

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**May 2014
ATINER**

Context

- “Cascade of disparities” for people with developmental disabilities (Krahn *et al.*)
- Health and health care access, quality and service utilization are often wholly inadequate for women and men with intellectual and developmental disabilities in the United States



Background

- Women with intellectual and developmental disabilities are becoming pregnant and giving birth
 - Coercive sterilization, institutional segregation and marriage restrictions of the past are giving way to community living in the US
- Prevalence of childbirth among US women with intellectual and developmental disabilities is not known
- Very few population-based studies of pregnancy outcomes (Australia, Sweden)
 - Generally negative outcomes for mothers and infants

Research Questions

- What is the prevalence of pregnancies among US women with developmental disabilities?
- Are the pregnancy outcomes for women with developmental disabilities worse than for other women?

Design

- Secondary analysis of data from the Healthcare Cost and Utilization Project for calendar year 2010
- Nationally-representative hospitalizations for pregnancies in US hospitals
 - Fewer than 3% of US births occur outside of hospitals
 - US women with intellectual and developmental disabilities highly unlikely to have non-hospital births
- Independent variable: women with intellectual and developmental disabilities identified by ICD9 codes

Outcomes

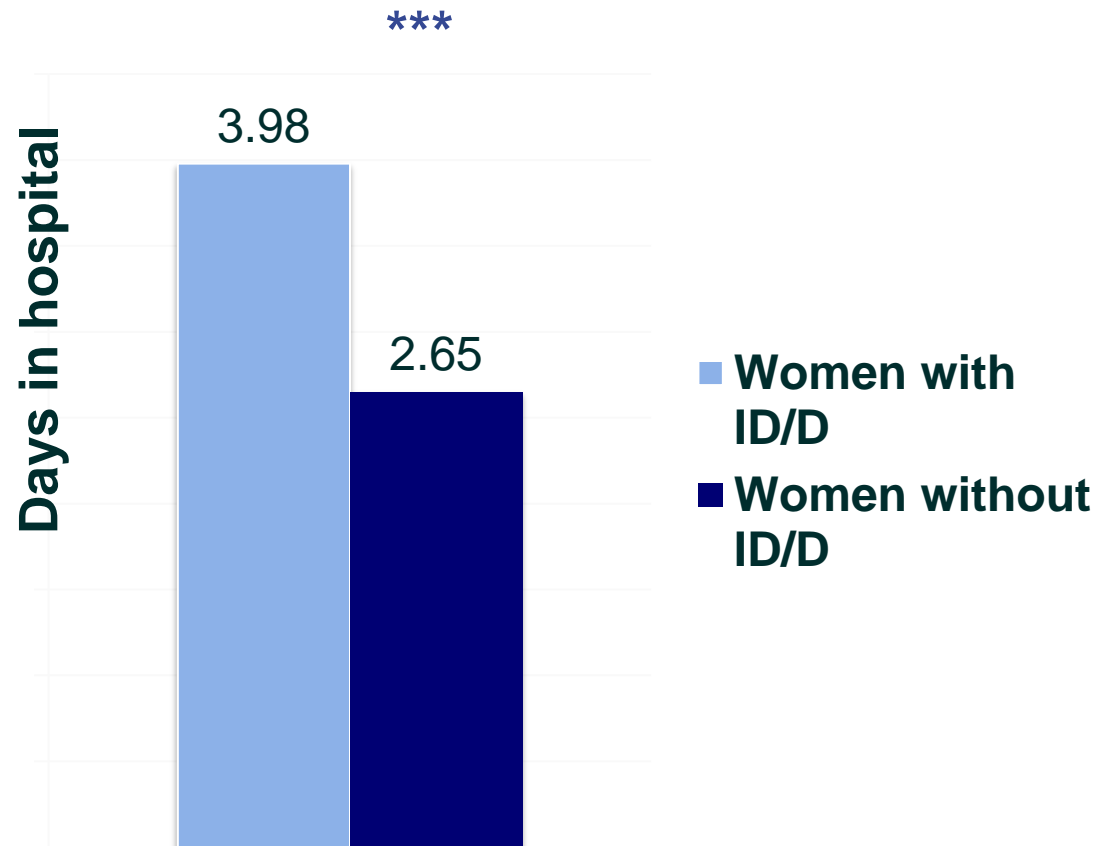
- Caesarean delivery
- Early labor
- Hypertensive complication
- Preterm birth
- Fetal growth restriction
- Days in hospital for delivery

Description of the Sample

Characteristic	Women with ID/DD n = 340	Women without ID/DD n = 768,891
Race is Black***	28%	15%
Ethnicity is Latina or Hispanic***	12%	22%
Aged 18-24 years***	42%	31%
Aged 25-34***	44%	52%
Aged >34 years***	9%	14%
Has public health insurance***	74%	47%

*** $p < .001$

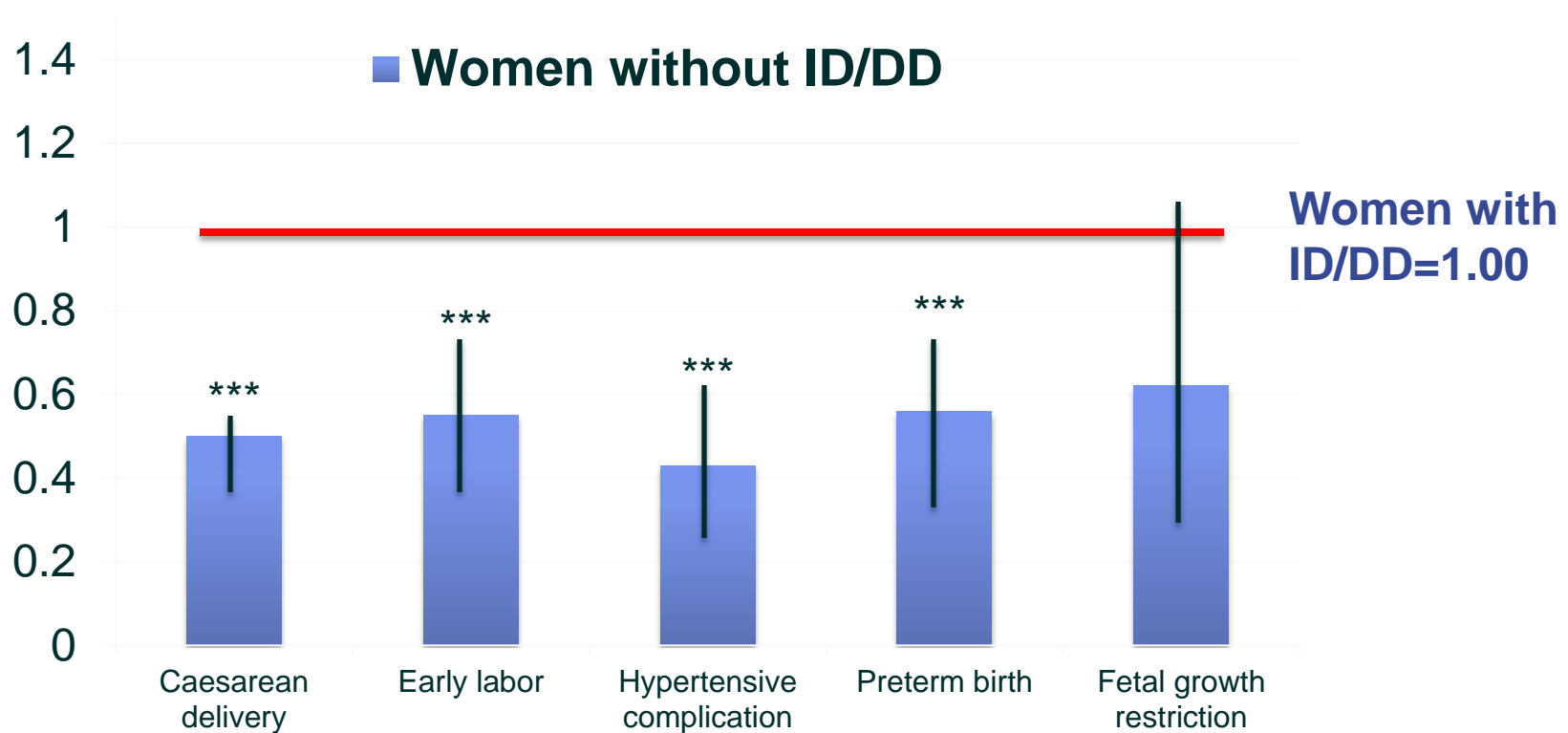
Mean days of delivery-related hospitalizations for women with and without ID/DD, 2010



*** $p < .001$



Adjusted odds ratios of adverse delivery outcomes for US women with and without ID/DD



Notes. Adjusted for race, Hispanic ethnicity, insurance type; age

*** $p < .001$

Conclusions

- US women with intellectual and developmental disabilities have markedly higher rates of adverse pregnancy outcomes in contrast to other women
 - These poor outcomes persist after controlling for age, race, ethnicity, and insurance type
- Further research is needed to understand why mothers with intellectual and developmental disabilities have worse outcomes than other mothers
- There is a critical need for interventions to improve outcomes for mothers with intellectual and developmental disabilities and their infants

Thank you!

- Partial support for this paper was provided by a grant from the Department of Education, NIDRR grant number H133 B080009. However, contents do not necessarily represent the policy of the Department of Education, and endorsement by the federal government should not be presumed. Partial support was also provided by the US Department of Health and Human Services, grant #ACF AIDD 90DD0675-02-00, the Lurie Institute for Disability Policy, The Heller School for Social Policy & Management at Brandeis University and by the Eunice Kennedy Shriver Center at the University of Massachusetts Medical School.