



# Prevalence and Characteristics of Autism Spectrum Disorder Among 8-year-old Children

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Interagency Autism Coordinating Committee Meeting

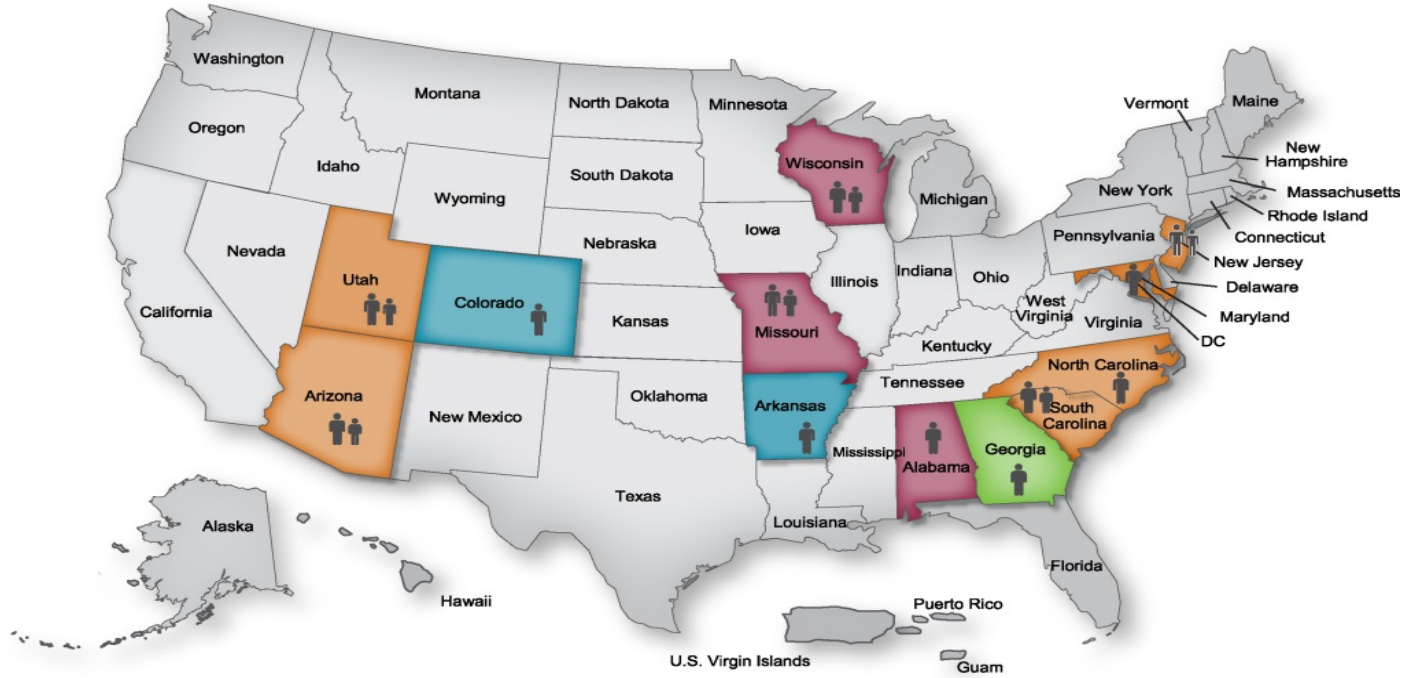
Rockville, MD



April 19, 2016





# Autism and Developmental Disabilities Monitoring (ADDM) Network

- Active, population-based biannual surveillance of autism spectrum disorder (ASD) since 2000
  - Multiple source record review
    - Health sources
    - Education sources
- Goals:
  - Estimate prevalence and characteristics of ASD
  - Estimate prevalence trends of ASD
  - Understand the impact of ASD in US communities

# Current ADDM Network Sites, Surveillance Years 2010 and 2012



 Monitoring 8 year olds  
 Monitoring 4 and 8 year olds

 Autism  
 Autism, Cerebral Palsy  
 Autism, Intellectual Disability  
 Autism, Cerebral Palsy, Intellectual Disability, Vision Impairment, and Hearing Loss

# ADDM Network: 2012 ASD Prevalence

	Prevalence (95% CI)
Overall	14.6 (14.2, 15.0)
Education + Health	17.1 (16.5, 17.6)
Health only	10.7 (10.2, 11.3)
Male	23.6 (22.9, 24.3)
Female	5.3 (4.9, 5.6)
Non-Hispanic white	15.5 (14.9, 16.1)
Non-Hispanic black	13.2 (12.4, 14.0)
Hispanic	10.1 (9.4, 10.9)

# ADDM Network: 2012 Age at Earliest Evaluation

- 87% had developmental concerns noted in record by age 36 months
- Overall age at earliest known comprehensive evaluation
  - ≤36 months: 43%
  - 37-47 months: 19%
  - ≥48 months: 38%
- Healthy People 2020 goal: 47% will have first evaluation by age 36 months
- Non-Hispanic white children more likely to have earliest evaluation ≤36 months (44%) compared with non-Hispanic black (40%) and Hispanic (39%) children

# ADDM Network: 2012 Key Findings

- ASD prevalence in 2012 was similar to 2010 prevalence
  - Too soon to say that prevalence is stabilizing
    - Additional data points needed
    - Variation in prevalence by race/ethnicity and geography
    - Prevalence change at some sites
- Disparities in ASD prevalence by race/ethnicity may indicate that some children are not receiving appropriate services and support
- Progress needed to lower age at first evaluation among all children, particularly non-Hispanic black and Hispanic children

For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://www.cdc.gov)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

