

CDC Activities with Autism Spectrum Disorders

Melody Stevens, MA

Centers for Disease Control and Prevention

National Center on Birth Defects and Developmental Disabilities

The findings and conclusions in this presentation have not been formally disseminated by the Centers for Disease Control and Prevention. They do not represent and should not be construed to represent any agency determination or policy.





Promoting the health of babies, children, and adults, and enhancing the potential for full, productive living



Identifying the causes of birth defects and developmental disabilities

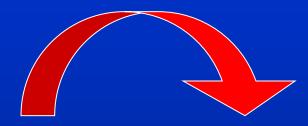
Helping children to develop and reach their full potential

Promoting health and well-being among people of all ages with disabilities





Public Health Model



SurveillanceResearchWho is affected?Who is at risk?

Prevention/ Health Promotion What can we do?



CDC Programs Specific to ASDs

Surveillance/Monitoring

 How many children are affected – helping plan for services and policies



Epidemiologic Research

Examine risk/protective factors

Prevention

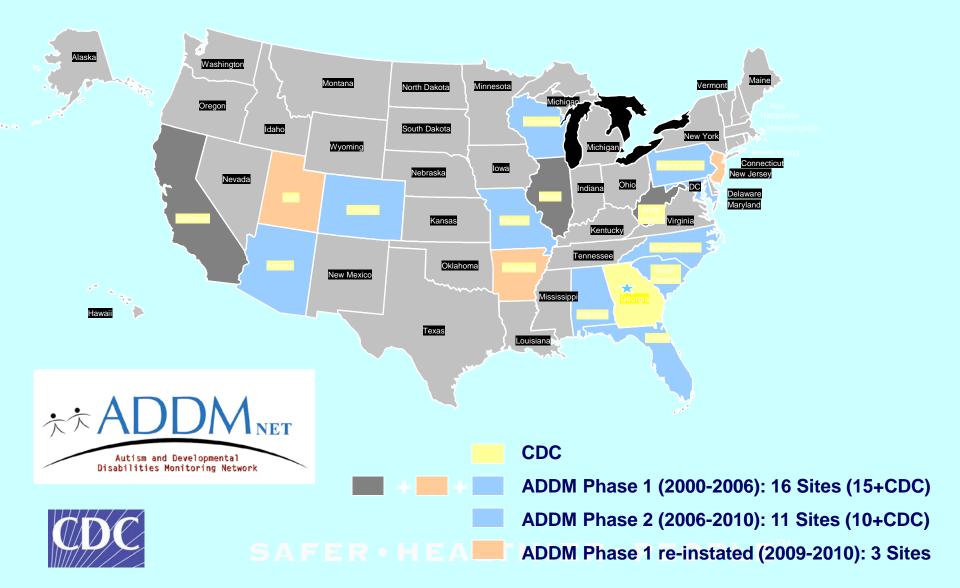
- Improving early identification







Autism and Developmental Disabilities Monitoring (ADDM) Network



Surveillance Year 2002 (8-year-olds born in 1994)

- Sites represented approximately 10% of US 8-year-old children - 2,685 children were identified with an ASD.
- The average prevalence across all sites was very similar to 2000 at 6.6 per 1,000.
- There was also a range 3.3 (AL) to 10.6 (NJ) per 1,000 children

Between 1:100 and 1:300 with an average of 1:150 children with ASD.



Epidemiology and Research

What are the risk and protective factors?









Study to Explore Early Development (SEED)

Multi-state collaborative study to help identify factors that may put children at risk for autism spectrum disorders and other developmental disabilities.

California, Colorado, Georgia, Maryland, North Carolina, Pennsylvania

Approximately 2,700 children, ages 2 to 5, and their parents will be part of this study.





SEED: Research Areas Included

- Infection and immune function, including autoimmunity
- Reproductive and hormonal features
- Gastrointestinal features
- Genetic features



- Investigation of the broader ASD phenotype
- Sociodemographic characteristics
- Substance use, hospitalizations and injuries, sleep disorders, and mercury exposure



Parent Education Campaign Developmental milestones and early warning signs of delay



Every child should meet their full potential.

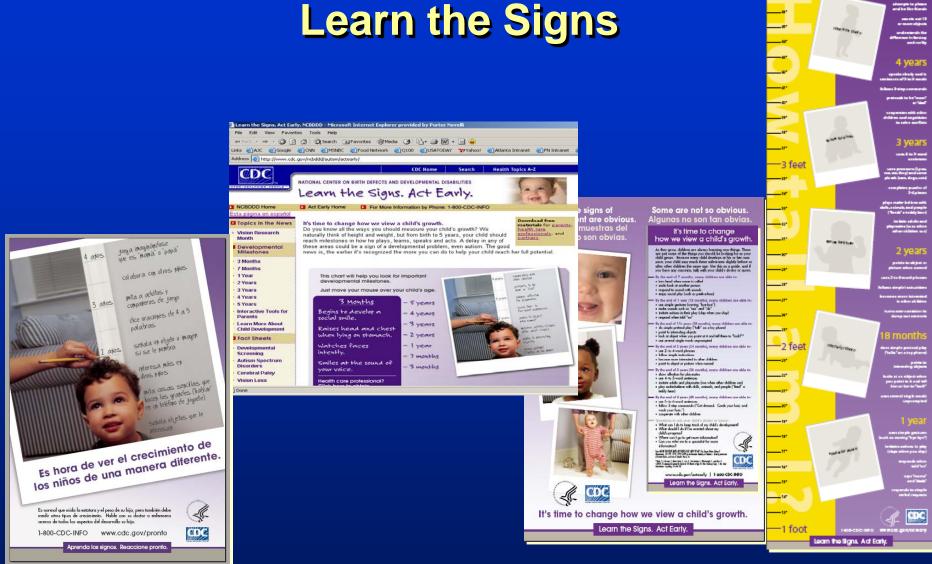


Communication Objectives

- Raise awareness of developmental milestones and early warning signs of developmental delay.
- Increase knowledge about the benefits of early action and early intervention.
- Increase parent-provider dialogue on the topic of developmental milestones and disorders.
- Increase early action for developmental disorders.







it's time to change how we view a child's growt

-4 feet

5 years



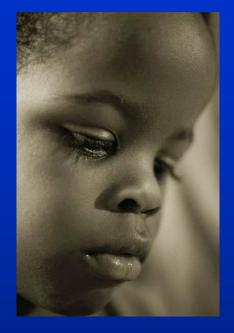






Thank You!

www.cdc.gov/ncbddd sme1@cdc.gov



Centers for Disease Control and Prevention

National Center on Birth Defects and Developmental Disabilities

The findings and conclusions in this presentation have not been formally disseminated by the Centers for Disease Control and Prevention. They do not represent and should not be construed to represent any agency determination or policy.

