



South Carolina

The South Carolina Autism and Developmental Disabilities Monitoring Program (SC-ADDMM)

RESULTS

Autism Spectrum Disorder (ASD) Prevalence, 2008

Number of children identified with ASDs: 264

Total prevalence of ASDs: 11.1 per 1,000 (1 in 90)

Boys: 18.3 per 1,000 (1 in 55)

Girls: 3.5 per 1,000 (1 in 286)

Race/ Ethnicity

White: 10.2 per 1,000

Black: 9.9 per 1,000

Hispanic: 7.0 per 1,000

Documented ASD Diagnosis

Children with ASD diagnosis in their records: 69%

Median earliest age ASD was documented in their records:
4 years, 6 months

Autistic Disorder: 3 years, 10 months

ASD/PDD: 4 years, 10 months

Asperger Disorder: 6 years, 9 months

SITE INFORMATION

Part of South Carolina Included in ADDM, 2008

23 counties: Allendale, Bamberg, Barnwell, Beaufort, Berkeley, Charleston, Chesterfield Clarendon, Colleton, Darlington, Dillon, Dorchester, Florence, Georgetown, Hampton, Horry, Jasper, Lee, Marion, Marlboro, Orangeburg, Sumter, and Williamsburg

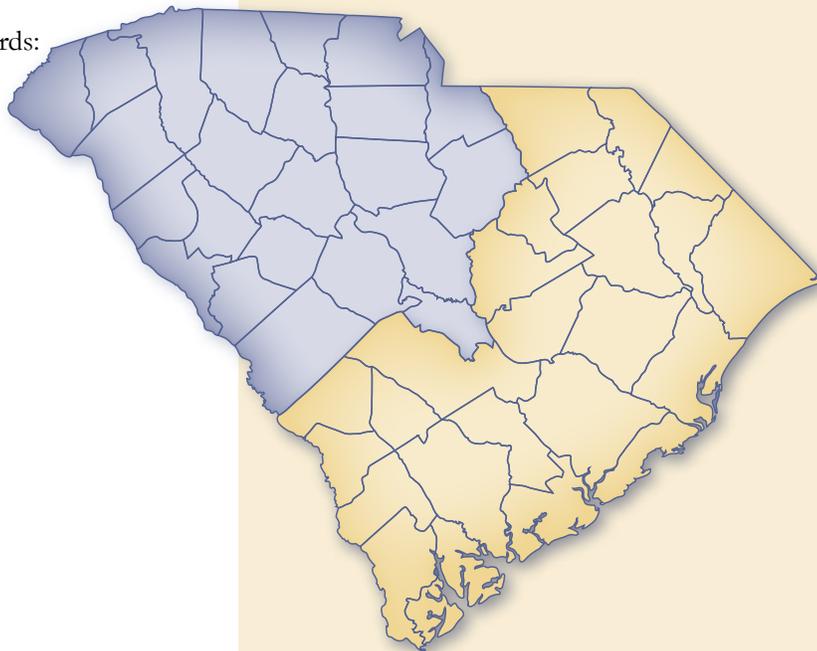
Population of 8-Year-Old Children in Study Area, 2008

8-Year-Old Children: 23,769

White: 52.6%

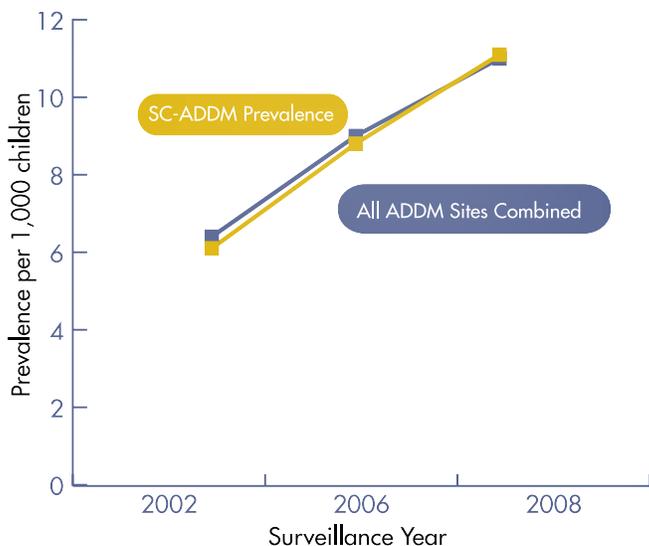
Black: 40.2%

Hispanic: 5.4%



Yellow - Counties in the ADDM Network in 2008

Overall ASD Prevalence



SC-ADDMM also reported data for the 2000 and 2004 surveillance years. See the earlier ADDMM Network reports for this information.

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The South Carolina Autism and Developmental Disabilities Monitoring Program (SC-ADDM)

The South Carolina Autism and Developmental Disabilities Monitoring Program (SC-ADDM) is a multisource public health surveillance system established to monitor the number of children in the population with ASDs or other developmental disabilities. In 2000, SC ADDM was established as an ADDM Network site. SC ADDM is currently conducting surveillance of ASDs in 4 year olds as well as 8 year olds, ASDs and intellectually disabilities, and ASDs and Fragile X. This surveillance system provides an accurate count of the number of children and families residing in South Carolina living with these disabilities. The investigators are members of the Department of Pediatrics; Division of Developmental Pediatrics; and Department of Medicine, Division of Biostatistics and Epidemiology at the Medical University of South Carolina (MUSC). SC-ADDM has completed the 2000, 2002, 2004, 2006 and 2008 surveillance years and will continue to collect data for the 2010 and 2012 surveillance years.

What kinds of education and training programs does the program offer to people who work with children who have ASDs or other developmental disabilities?

The SC ADDM team has contributed information on the characteristics and risk factors of ASDs, including;

- Over 140 presentations to professional groups at a local, state and national level
- Over 35 publications on autism in peer reviewed journals

The SC-ADDM team continues to present programs to health care providers, educators, service providers, and the community to increase awareness, screening, diagnosis, and early intervention efforts.

SC-ADDM team members continue to be active participants of the National CDC campaign Learn the Signs/Act Early including helping to develop and implement the SC Act Early Strategic Plan. <http://www.cdc.gov/ncehd/actearly/index.html>. This included a training program to assist pediatricians to identify signs and to make earlier ASD diagnosis

SC ADDM has hosted four conferences on ASD for professionals and the public. A recent initiative is to host the first scientific meeting for all South Carolina autism researchers.

What are some of the resources available in South Carolina for children with developmental disabilities, their families, and the professionals who serve them? Other autism resources in South Carolina include:

- The South Carolina Department of Disabilities and Special Needs (<http://ddsn.sc.gov>)
- South Carolina Autism Society (www.scautism.org)
- Greenwood Genetic Clinic (www.ggc.org)
- Family Connection (www.familyconnections.org)
- Family Resource Center (www.frdsn.org)
- Developmental Evaluation Centers at the Medical University of South Carolina (www.musckids.com/vincemoseley)
- University of South Carolina (<http://scatn.med.sc.edu/>)
- Greenville Hospital System (<http://www.ghschildrens.org/autism-wonders-home.php>)
- SC Early Intervention Programs (<http://www.scfirststeps.org/>),
- South Carolina Public Schools Special Education Directors http://ed.sc.gov/agency/programs-services/173/documents/Coordinator_list.pdf

For more information, please contact:

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