	United States Government Accountability Office
GAO	Report to the Chairman and Ranking Minority Member, Subcommittee on Human Rights and Wellness, Committee on Government Reform, House of Representatives
January 2005	SPECIAL EDUCATION

## Children with Autism





United States Government Accountability Office Washington, DC 20548

January 14, 2005

The Honorable Dan Burton Chairman The Honorable Diane E. Watson Ranking Minority Member Subcommittee on Human Rights and Wellness Committee on Government Reform House of Representatives

According to the Autism Society of America, about 1.5 million Americans are currently living with some form of autism. This figure includes over 100,000 school-aged children diagnosed with autism served under the Individuals with Disabilities Education Act (IDEA), the primary federal legislation that addresses the educational needs of children with disabilities. As the number of children diagnosed with autism has increased, interest in understanding how children diagnosed with autism are being served under IDEA has grown.

You expressed an interest in the education of children with autism, and in this report we are describing the trend in the number of children diagnosed with autism served under IDEA, the services provided to these children, the estimated per pupil expenditures for educating children with autism, and approaches to their education.

To determine the number of children diagnosed with autism served under IDEA, we relied on data collected for the Department of Education (Education). To describe the services provided to children with autism, we reviewed relevant literature and spoke with Education officials. To describe the estimates of per pupil expenditures for educating children with autism, we reviewed data collected and analyzed by the Special Education Expenditure Project (SEEP), which was funded by Education and was the only national source of this type of data. We spoke with Education officials about the proper use and reliability of the data we used and found them to be sufficiently reliable for the purposes of this report. However, some weaknesses with the SEEP data exist, including a low survey response rate, potential response bias, and limited documentation. Finally, to describe approaches to the education of children with autism, we reviewed a 2001 report by the National Research Council on the education of children with autism. We conducted our work between

November and December 2004 in accordance with generally accepted government auditing standards.

On December 13, 2004, we briefed your staff on the results of our study. This report formally conveys the information provided during that briefing. In summary, we found:

The number of children diagnosed with autism served under IDEA has increased by more than 500 percent in the last decade. In 2002, data collected for the Department of Education indicated that nearly 120,000 children diagnosed with autism were being served under IDEA. This substantial increase may be due to a number of factors, including better diagnoses and a broader definition of autism.

The services provided to children with autism depend on the needs of the child. These services may include speech therapy, occupational therapy, and the services of special education teachers. As with other children with disabilities, children with autism are eligible for special education services under IDEA in accordance with their individualized education programs (programs established by a team familiar with the needs of the child).

The average per pupil expenditure for educating a child with autism was estimated by SEEP to be over \$18,000 in the 1999-2000 school year, the most recent year for which data were available. This estimate was nearly three times the expenditure for a typical regular education student who did not receive special education services and was among the highest per pupil expenditures for school-age children receiving special education services in public schools.

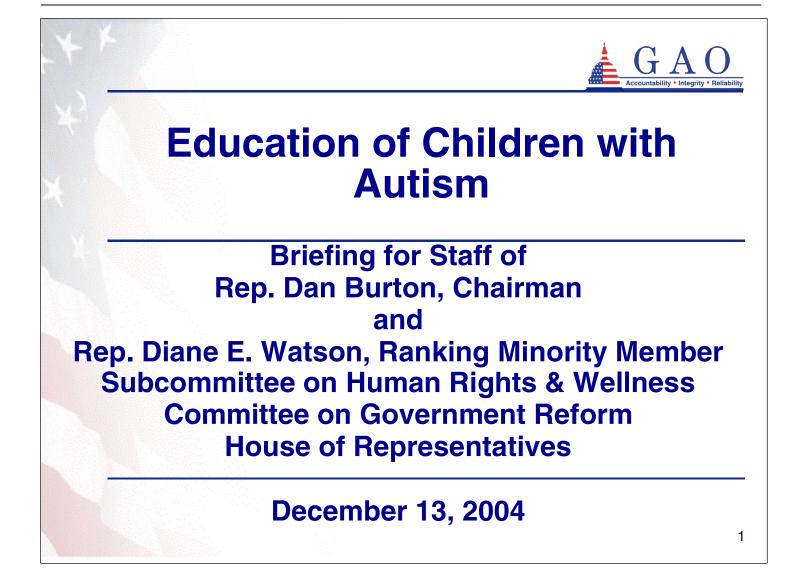
Finally, the National Research Council report offered several key features of successful approaches to the education of children with autism, including early intervention soon after the diagnosis of autism, which can generally occur by the age of 3. The report also offered guidelines regarding educational objectives for children with autism, including the development of social skills and expressive and receptive language and communication skills.

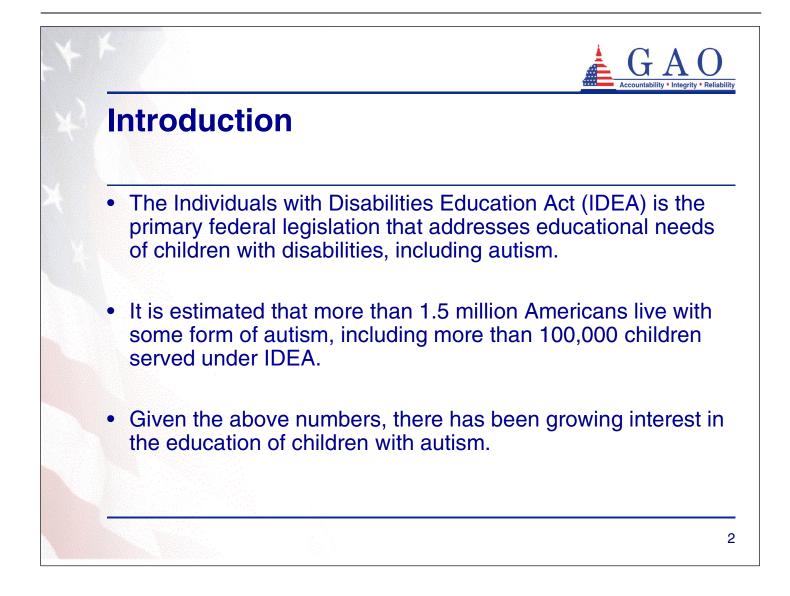
We provided a draft of this briefing to officials at Education for their technical review and incorporated their comments where appropriate. Unless you publicly announce its contents earlier, we plan no further distribution until 30 days after the date of this report. At that time, we will send copies of this report to the Secretary of Education, relevant congressional committees, and other interested parties and will make copies available to others upon request. In addition, the report will be available at no charge on GAO's Web site at http://www.gao.gov.

If you or your staff have any questions about this report, please contact Marnie Shaul or Deborah Edwards at (202) 512-7215. Nagla'a El-Hodiri and Art Merriam also made key contributions to this report.

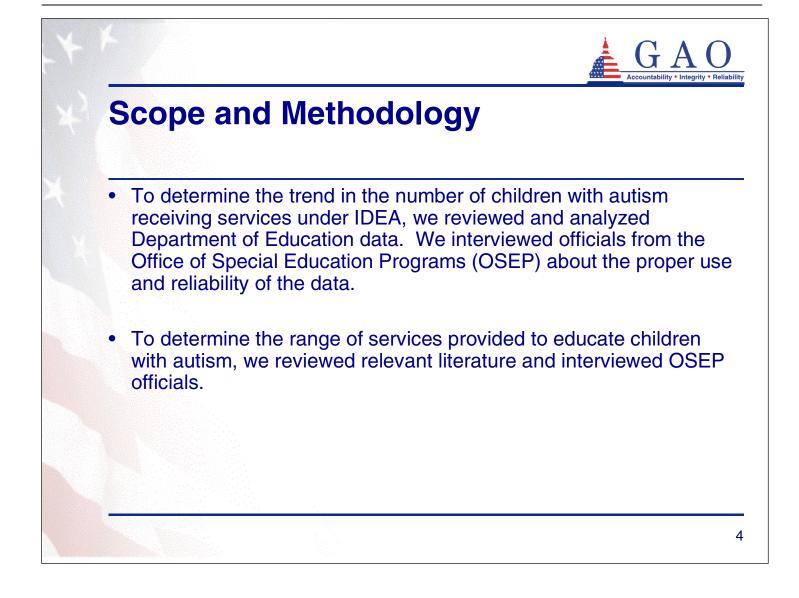
Jeannie S. Shaul

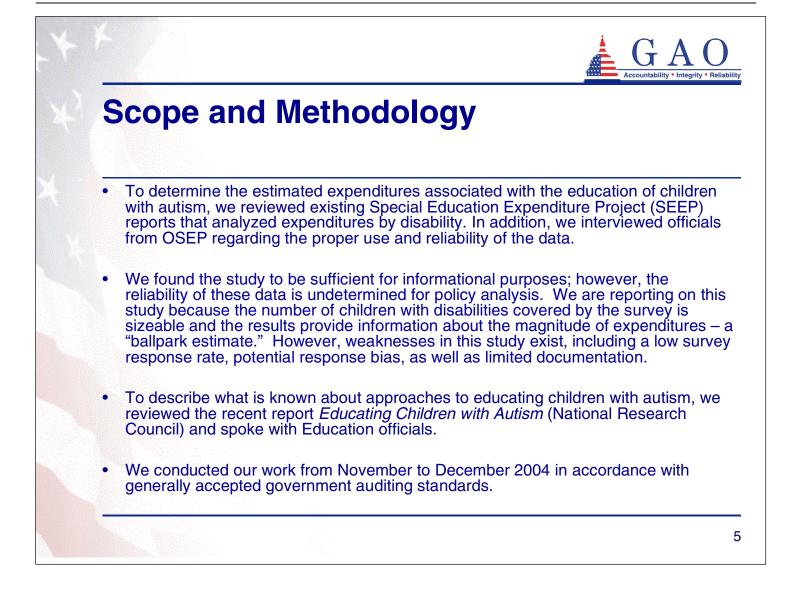
Marnie Shaul Director, Education, Workforce, and Income Security Issues

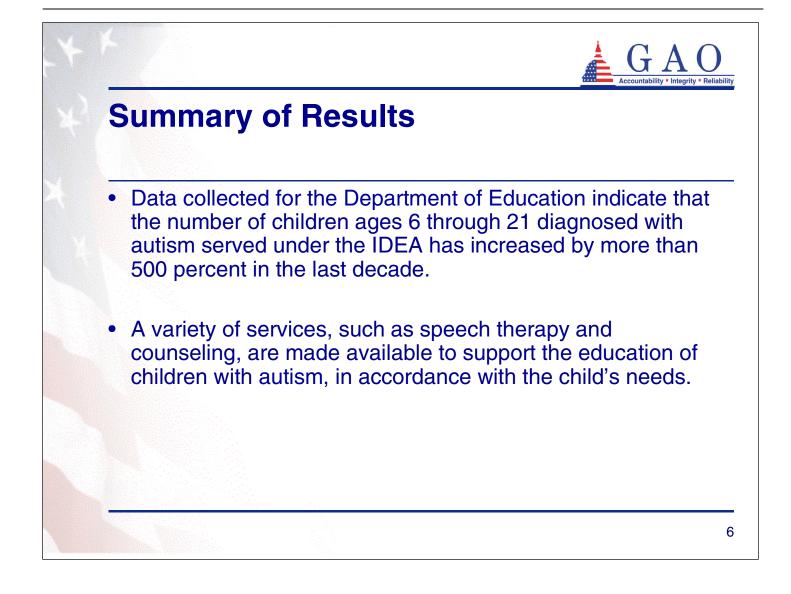


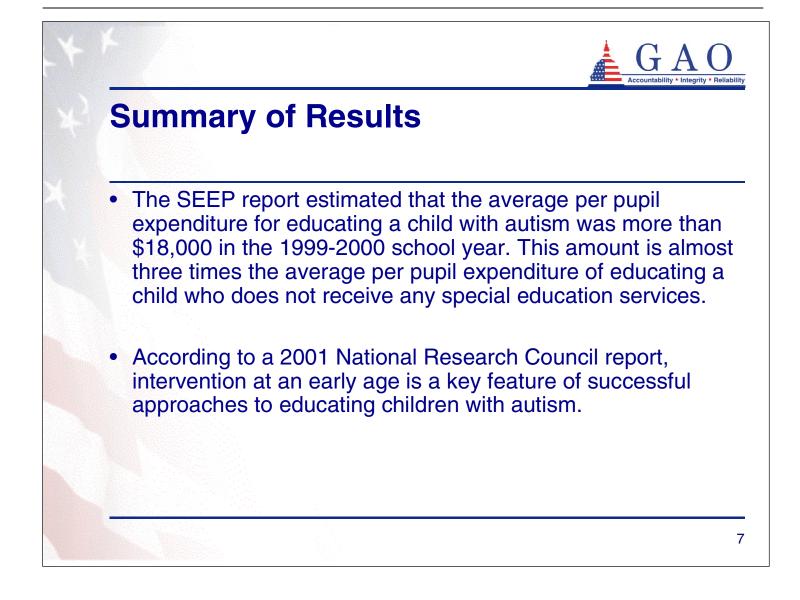


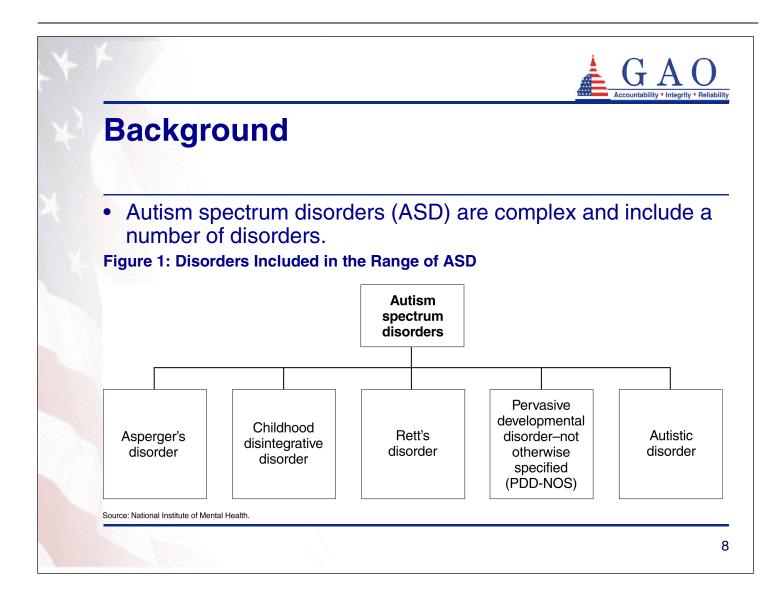


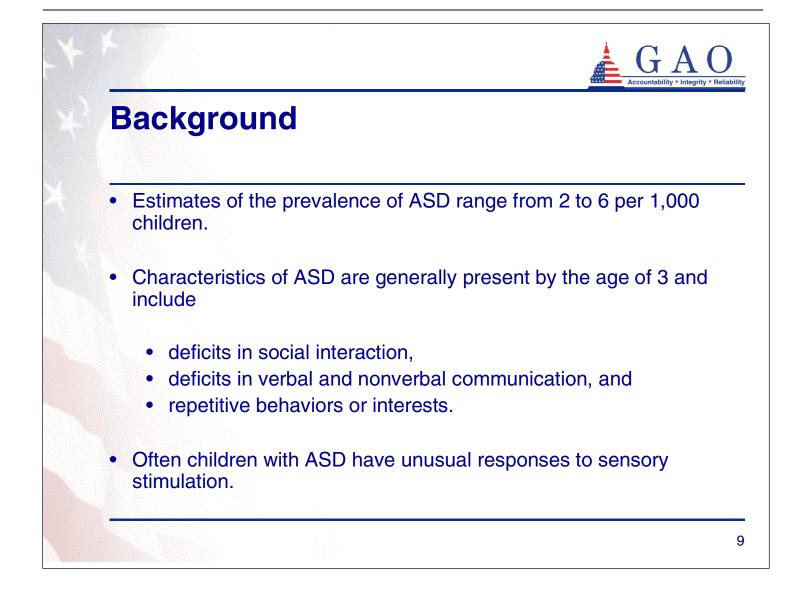


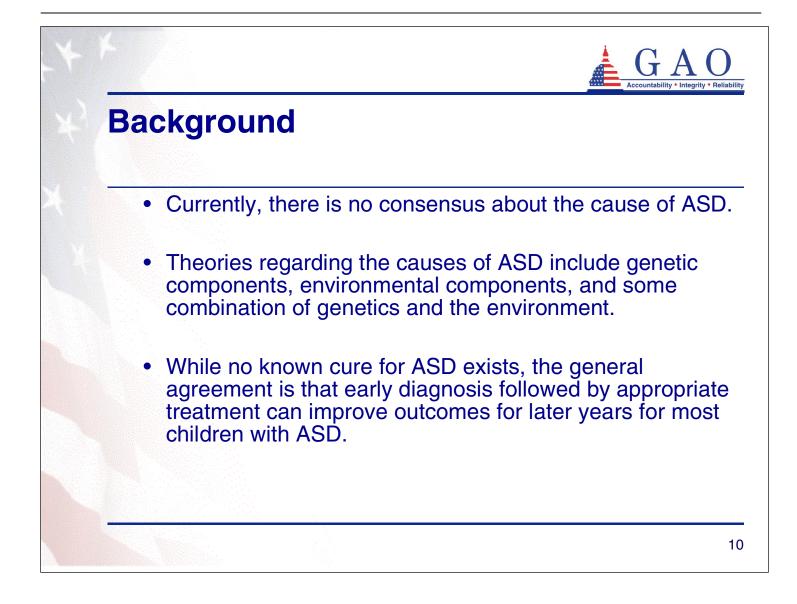


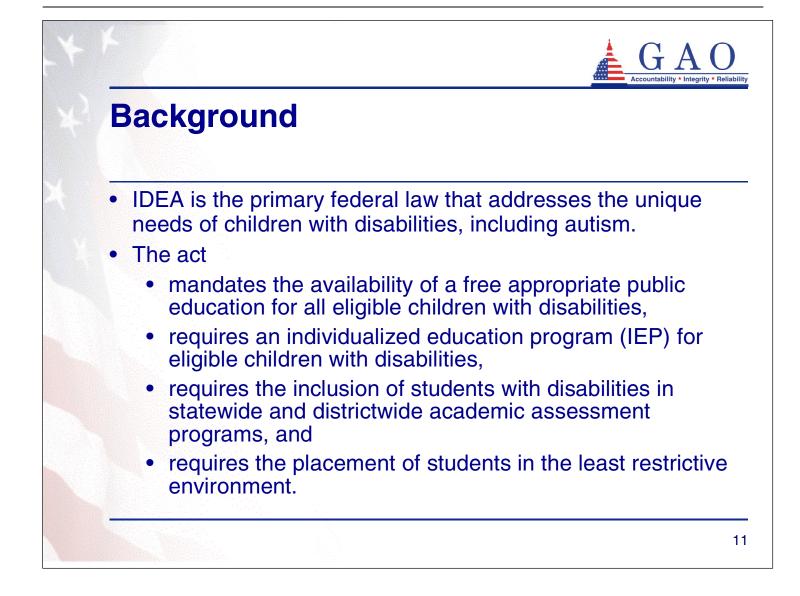


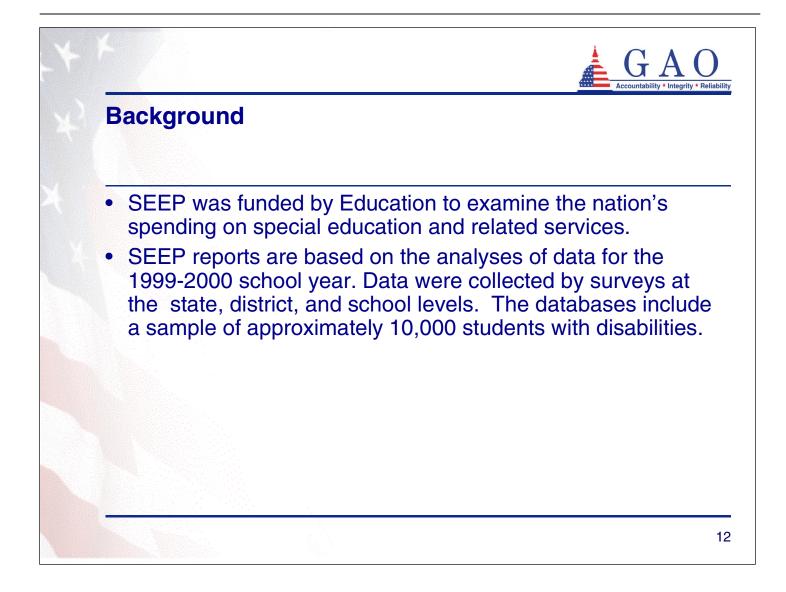


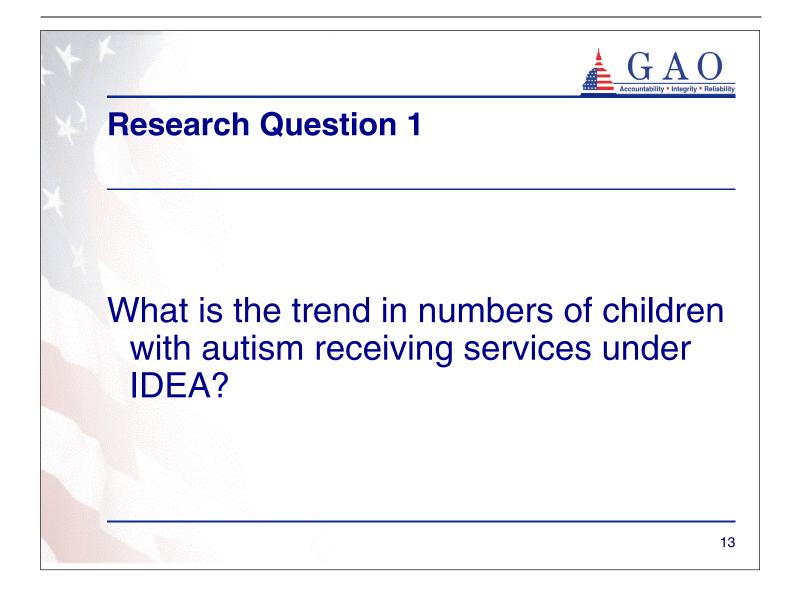


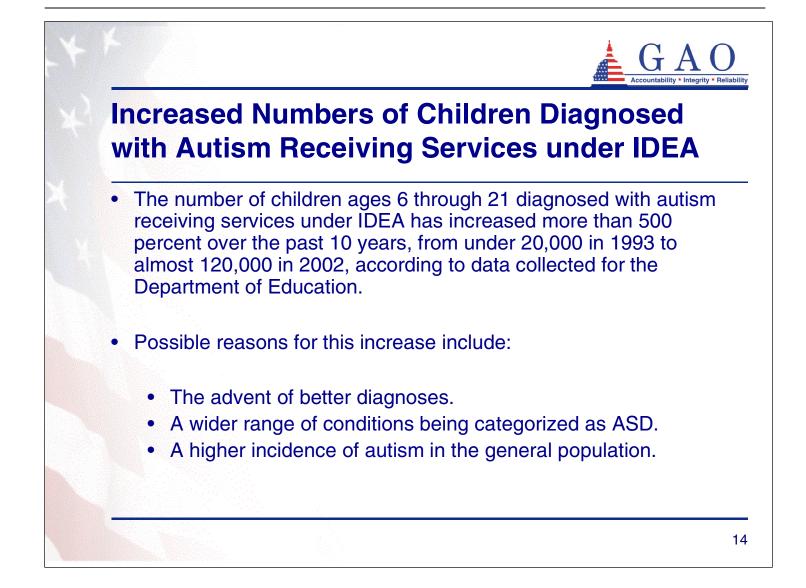


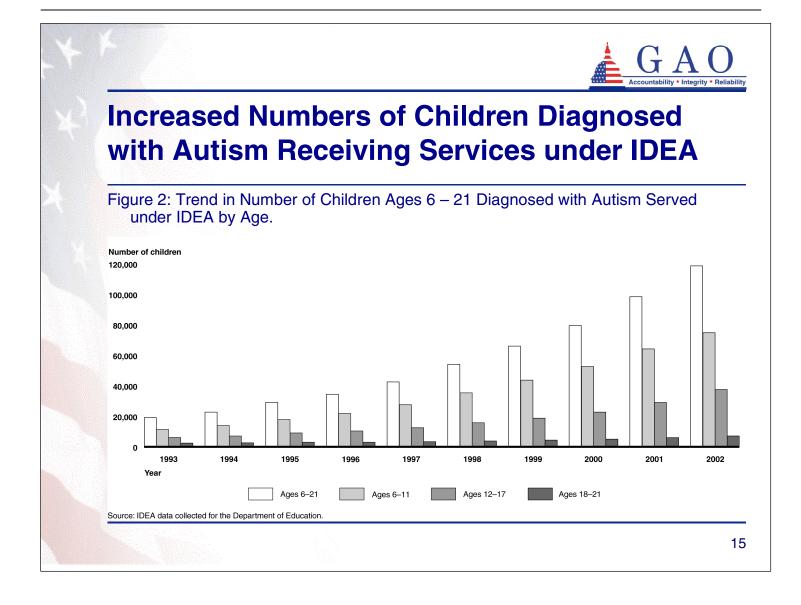


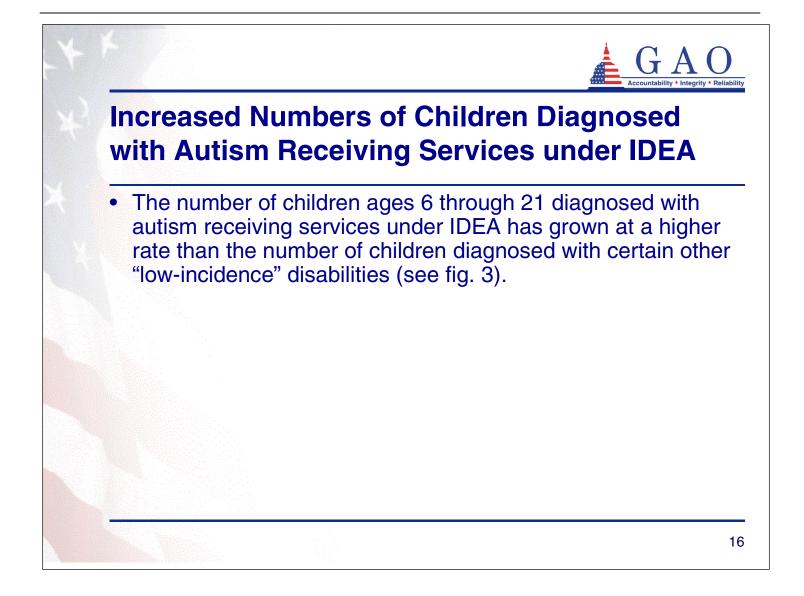


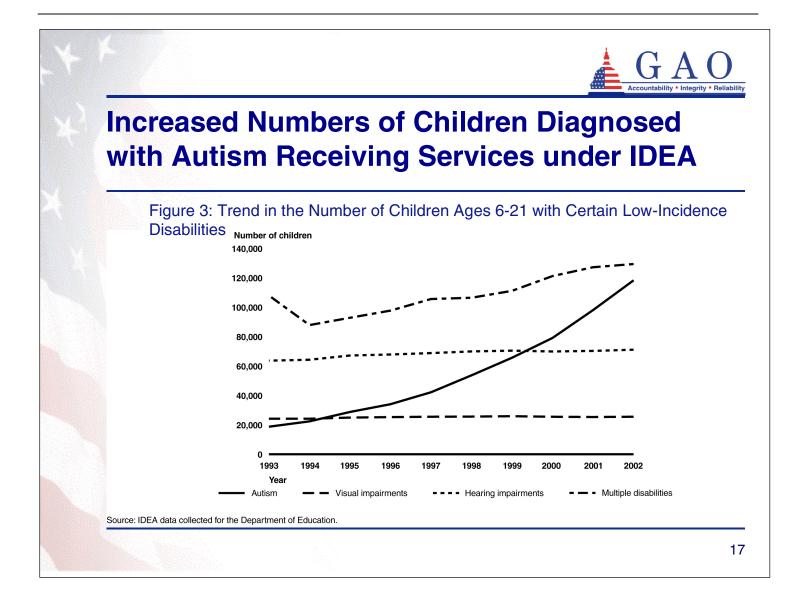


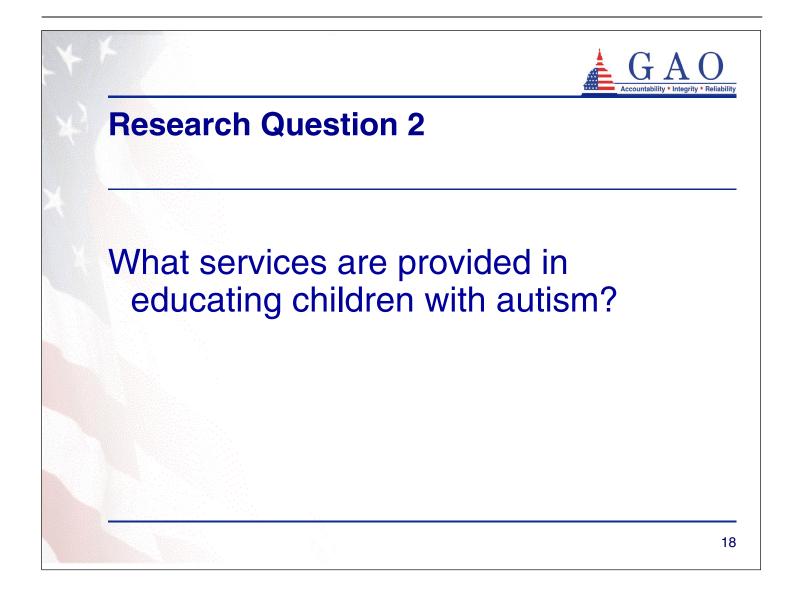




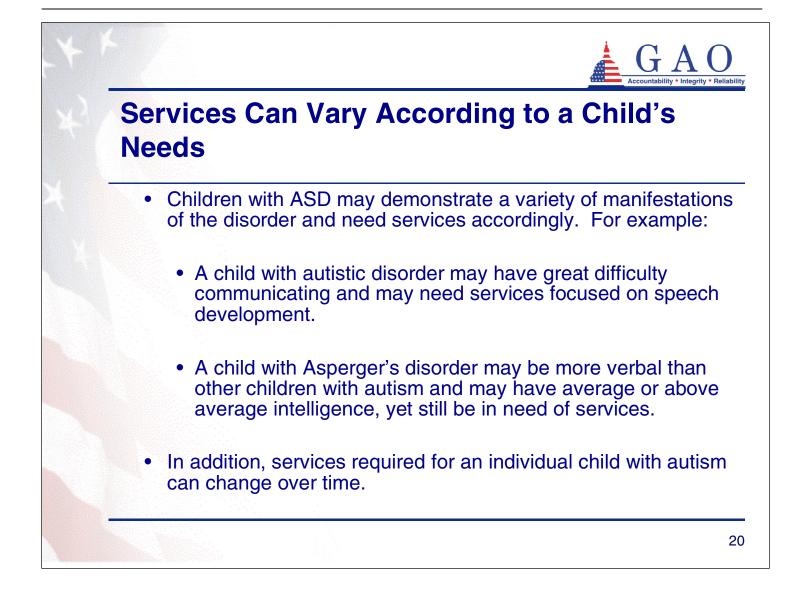






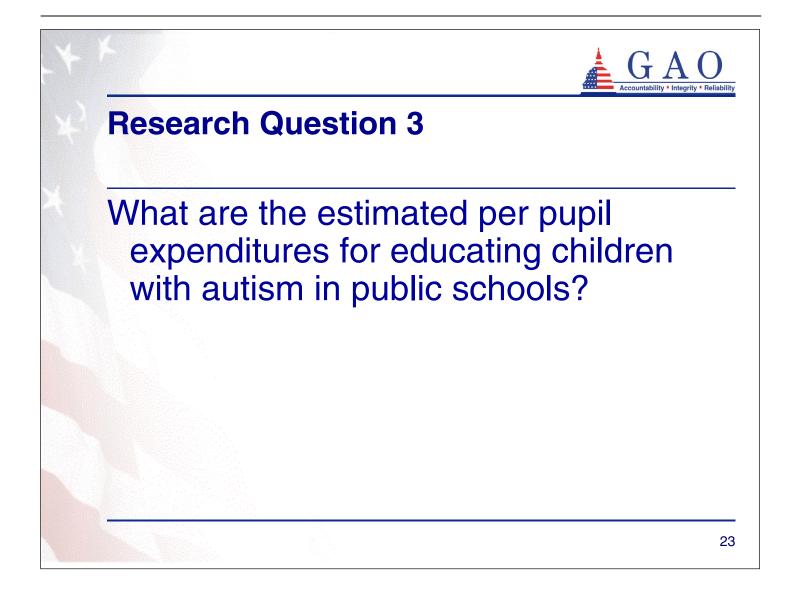


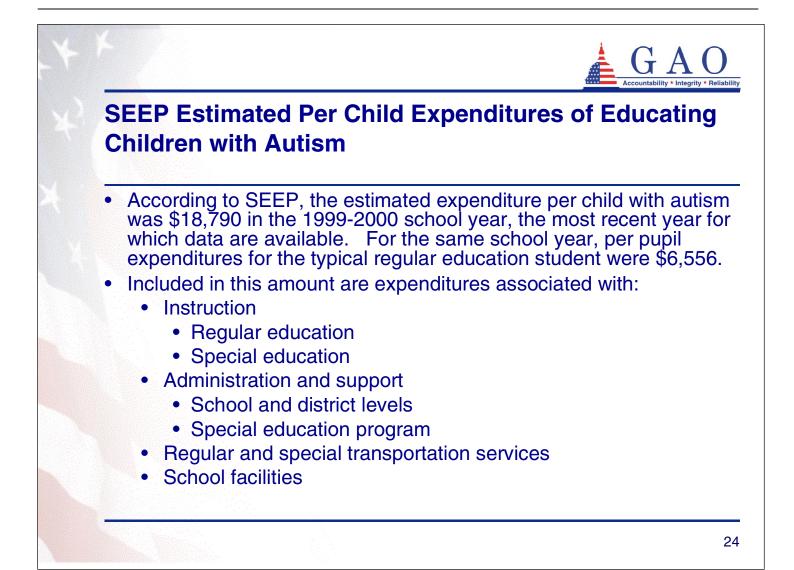




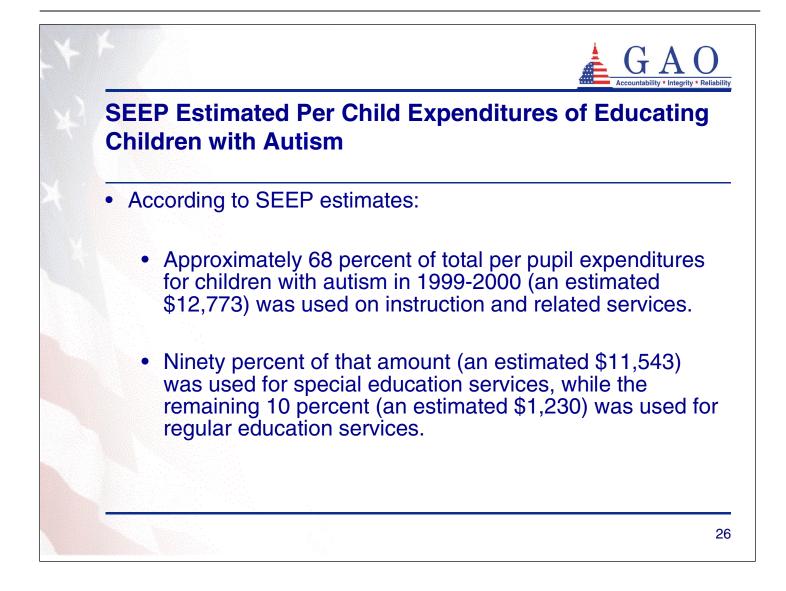


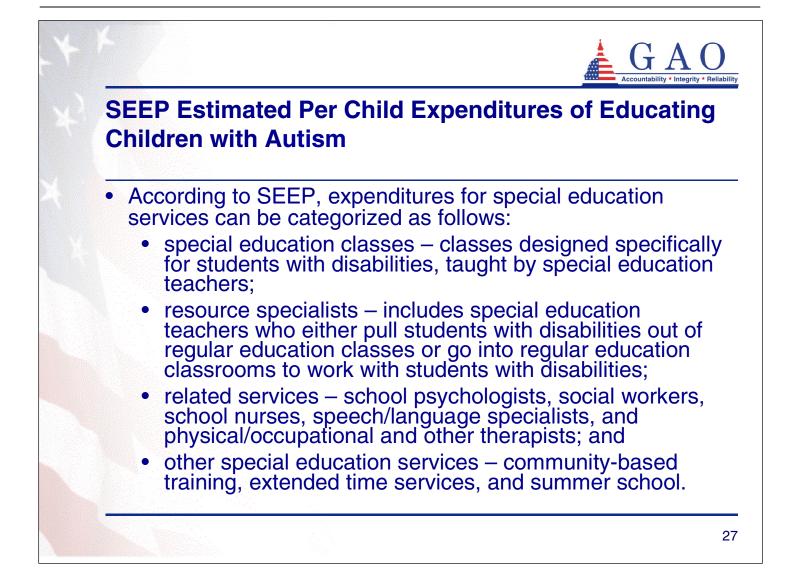


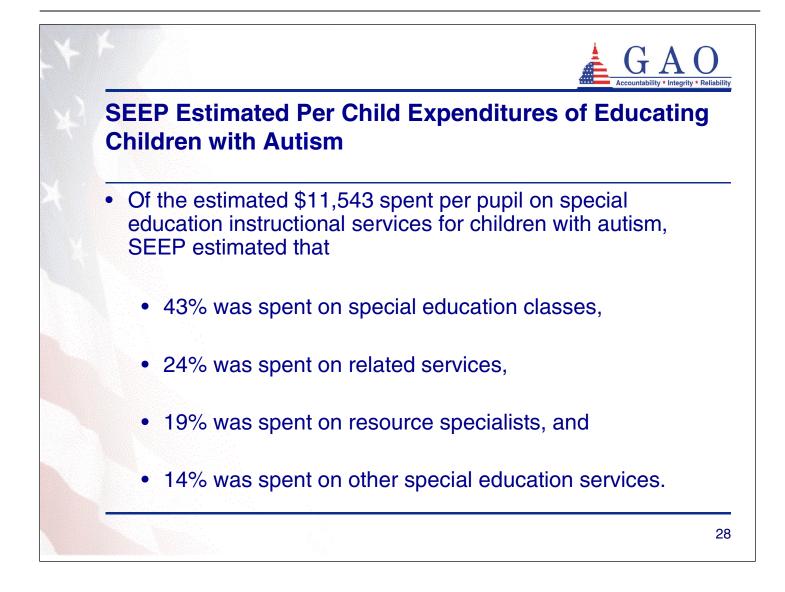




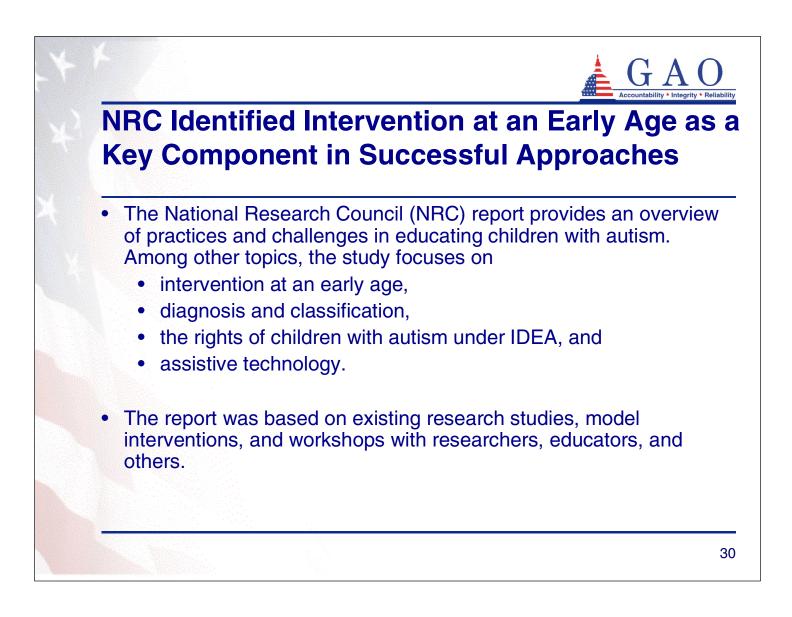
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	st hundred.		disability in 1999	9-2000 (in dolla	rs), rounde
	Average special education student	Autism	Emotional disorders	Mental retardation	Multiple disabilitie
Average per pupil expenditures	12,500 <sup>a</sup>	18,800	14,100	15,000	20,100
Source: Special Education Exp	enditure Project.				

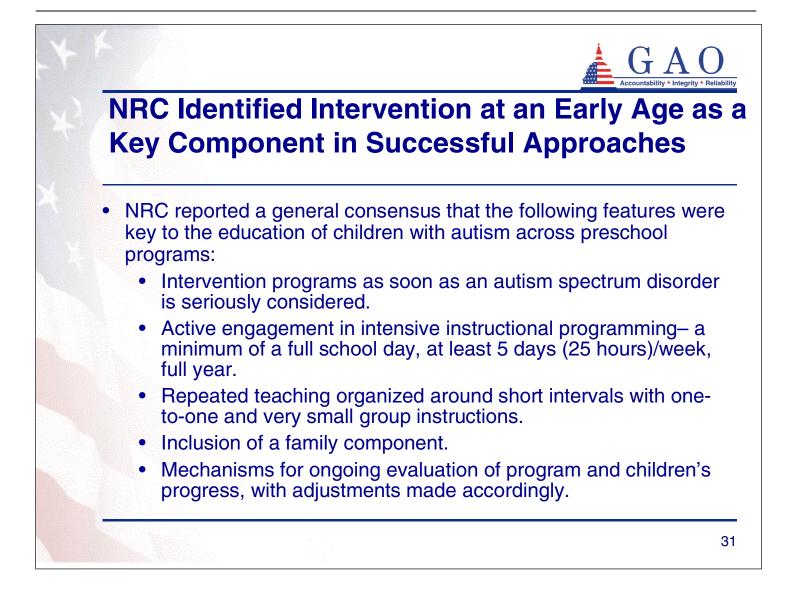


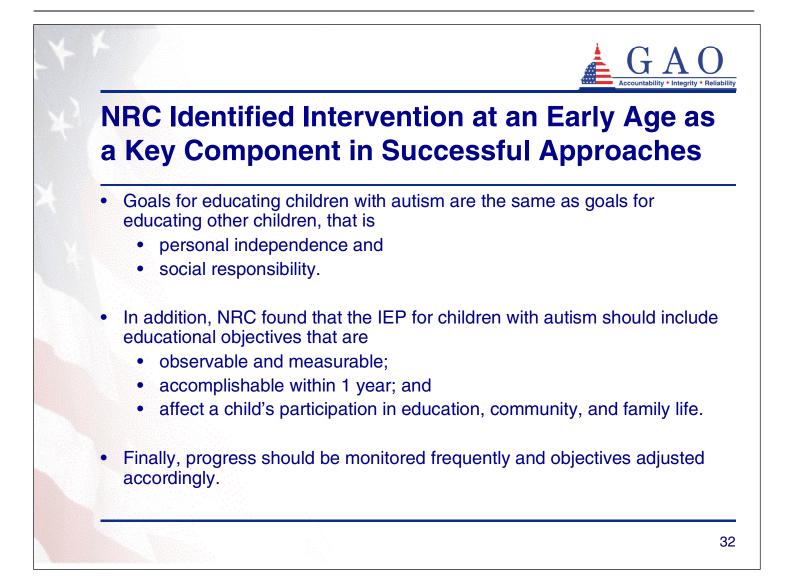




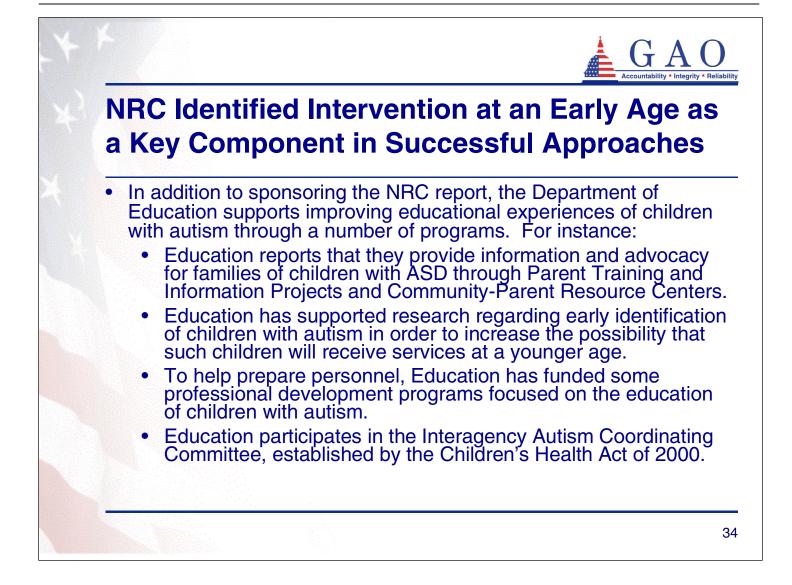












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