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The following charts briefly summarizes various studies that have been conducted regarding the benefits of Full-Day Kindergarten:

Recent Research on All-Day Kindergarten — Patricia Clark ERIC Digest: Clearinghouse on Elementary and Early Childhood Education June 2001	 In the fall of 1998, of the 4 million children attending kindergarten in the U.S., 55% were in all-day programs and 45% were in part-day programs (West, Denton, & Germino-Hausken, 2000, p.v.) Consistent findings appeared concerning the positive effect on academic achievement for children identified as being at risk (Housden & Kam, 1992; Karweit, 1992; Puleo, 1988) Research reported in the 1990s shows more consistent positive academic outcomes for all children enrolled in all-day kindergarten (Cryan, Sheehan, Wiechel, & Bandy-Hedden, 1992; Elicker & Mathur, 1997; Fusaro, 1997; Hough & Bryde, 1996; Koopmans, 1991) Cryan et al. (1992) examined the effects of 1/2 day and all-day on children's academic and behavioral success: children who attended all-day kindergarten scored higher on standardized tests, had fewer grade retentions, and had fewer "Chapter 1" placements. Koopmans (1991), for the Newark, New Jersey, Board of Education, looked at cohorts of children after a couple of years of elementary school and found that children who had attended full-day kindergarten scored higher in both reading comprehension and math than their cohort who did not attend full-day kindergarten. Hough & Bryde (1996) looked at student achievement data for 511 children enrolled in 1/2 day and all-day kindergarten programs. Children in the all-day programs scored higher on the achievement test than those in 1/2 day programs on every item tested.
Kindergarten: The Overlooked School Year - Sara Vecchiotti The Foundation for Child Development	 Earlier research reviews indicated positive effects of full-day kindergarten programs on children's learning and achievement, especially for children low-income families (Puleo, 1988; Karweit, 1989; Hosden & Kam, 1992). Gullo (2000) conducted a longitudinal study of 974 second graders from a large Midwestern school district (730 were in full-day kindergarten, 244 were in half-day. Students were measured on the lowa Test of Basic Skills (ITBS), grade retention (1st 3yrs), special advention (1st 3yrs), and attendance records. Full-day effects were
October 2001	positive: FD higher standard scores on the ITBS in Reading and in Math; FD students less likely to be retained; no differences in special ed. Referrals; FD higher attendance. • Attached is a Summary Sheet regarding Full-Day K studies, provided by this paper.

Table 3: Summary of Recent Research Comparing Full-school-day (FD) and Half-Day (HD) Kinder

	Longitudinal study of 974 second graders Jowa Test of Basic Skills (17DS) EFFECTS OF FULL-SCHOOL-DAY
	2. Grade Retention (1" three years) 3. Special Education (1" three years) 4. Attendance records 1. IPT Oral Language Development 2. Woodcock-McGrew Werder Mini-Battery of Achievement -Math 3. Observation Survey of Early Literacy Achievement 4. Report Card Social/Emotional Development Checklist 1. Development Checklist 3. Cademic Report Cards 3. Early Childhood Classroom Observation System (ECCOS) 4. Teacher Interviews 5. Parent Surveys 6. 1" Grade Reading Readiness Ratings 1. Hahnemann Elementary School Behavior Rating Scale
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General Kindergarten Information

Although this information does not specifically address full-day kindergarten, it does provide some basic data on kindergarten in general.

America's Kindergartners -

Jerry West, Project Officer

Kristin Denton, Education Statistics Services Institute

Elvira Germino-Hausken, National Center for Education Statistics

National Center for Education Statistics: Statistical Analysis Report

Early Childhood Longitudinal Study – Kindergarten Class of 1998-99, Fall 1998

February 2000

U.S. Department of Education

- Took a sampling of 22,625 kindergartners, from different racial/ethnic and socioeconomic backgrounds and from 1,277 kindergarten programs, public and private, full-day and part-day programs. These children will be followed into the 5th grade. They studied cognitive skills and knowledge (reading, mathematics, and general knowledge), social skills, physical health and well being, approaches to learning, the child and the family. Below are some key findings:
- Kindergartners (Ks) whose mothers have more education are more likely to score in the highest quartile in reading, math, and general knowledge.
- K's from two-parent families are more likely to score in the highest quartile in reading, math, and general knowledge.
- K's who live in homes where the primary language in English score in the highest quartile in reading, math, and general knowledge.
- K's whose families have not received or are not receiving welfare services are more likely to do well in reading, math, and general knowledge.
- The number of children's books in the home varies by maternal education and family receipt of welfare.