



Jumpstart Child Outcomes

I. Jumpstart preschool-age children make significantly greater gains than a matched comparison group of peers.

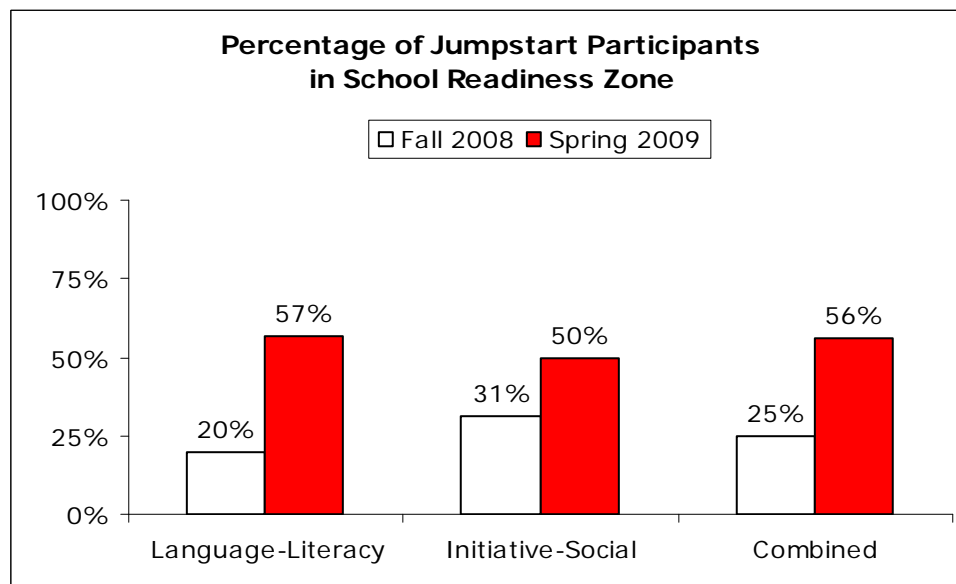
For the third year in a row, eligible Jumpstart participants achieved significantly greater gains in school readiness skills from fall 2008 to spring 2009 than a matched comparison group of peers after only 18-22 weeks of intervention. Specifically, participants showed significantly greater gains on the language-literacy subscale, initiative-social relations subscale, and the total scale ($p = .000$, $p = .008$, $p = .000$, respectively) of the *School Success Checklist* (a modified version of the *Preschool Child Observation Record* (COR)¹).

II. Jumpstart succeeds at moving children into the School Readiness Zone

For the 75 percent of Jumpstart participants that began the year not yet ready for kindergarten (i.e., average scores of less than 4.00 on the 5-point School Success Checklist Total Scale), the program was successful at moving more than half of participants into the School Readiness Zone (i.e., average scores of 4.00 to 5.00 on the Checklist) – a difference of over 30%.

Jumpstart Participants in the School Readiness Zone

Fall 2008	Spring 2009	change	Domains
20%	57%	37% pts.	Language and literacy skills
31%	50%	19% pts.	Initiative and social relations skills
25%	56%	31% pts.	Combined

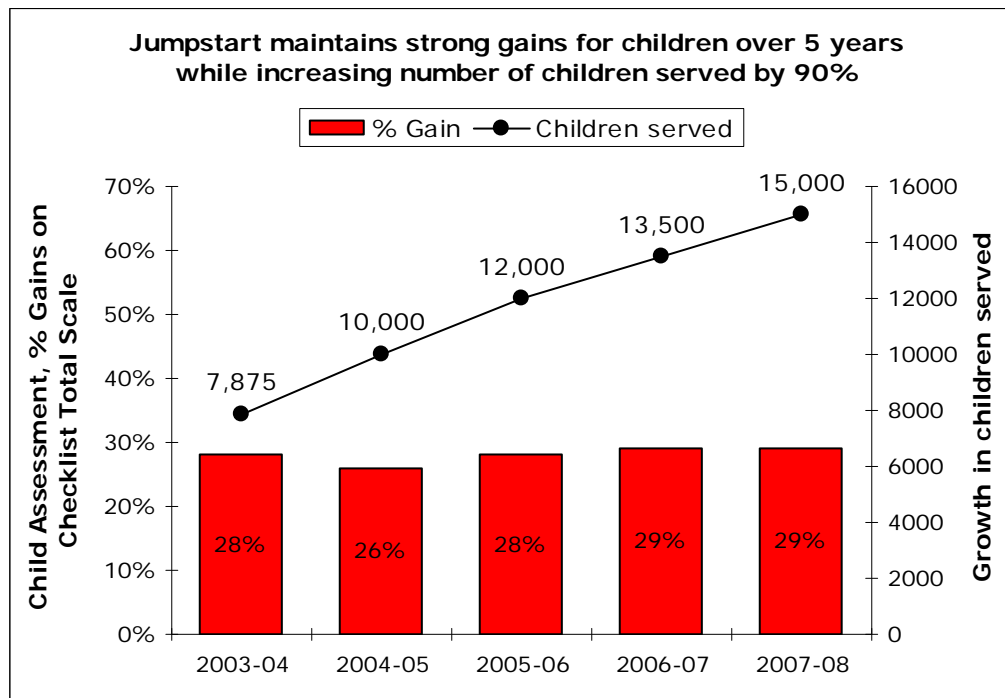


¹ High/Scope Educational Research Foundation. (2003). *Preschool Child Observation Record, Second Edition*. Ypsilanti, MI: High/Scope.

The full *Child Observation Record* (COR) is a 32-item measure assessing four categories of children's skills (language and literacy; initiative and social relations; creative representation, movement, and music; and mathematics and science). Jumpstart's *School Success Checklist* is comprised of 15 of the COR items assessing language, literacy, initiative, and social relations skills. Jumpstart chose the *COR* because it has been shown to have good test properties for a diverse group of children and to be helpful for engaging early childhood educators in program improvement.

Multi-year analysis of child outcome gains

Jumpstart has maintained its success in delivering positive child outcomes during a 5-year period of growth and innovation in its program, curriculum, network structure, and research and evaluation.



In addition, statistically significant differences in individual skill areas *over time* provide evidence of the specific areas Jumpstart is having the greatest effect for children. Based on a **multi-year analysis** of eligible children, Jumpstart **participants have made significantly greater gains than comparison children in the following skill areas for three years in a row:**

1. Demonstrating knowledge about books
 - a. For example, when looking at the pictures in a book, the child tells the story or makes up a story related to the pictures.
2. Using vocabulary
 - a. For example, the child uses two or more words to describe something (e.g. "That's a big, furry dog.")
3. Using complex patterns of speech
 - a. For example, the child uses a compound subject or object in a sentence (e.g., "I'm going to make a car and a garage for it.")
4. Beginning writing
 - a. For example, the child writes a string of letters and reads them or asks to have them read.
5. Initiating play
 - a. For example, during play with other children, the child adds an idea that changes the play in some way.
6. Relating to adults
 - a. For example, the child sustains an interaction with an adult.