

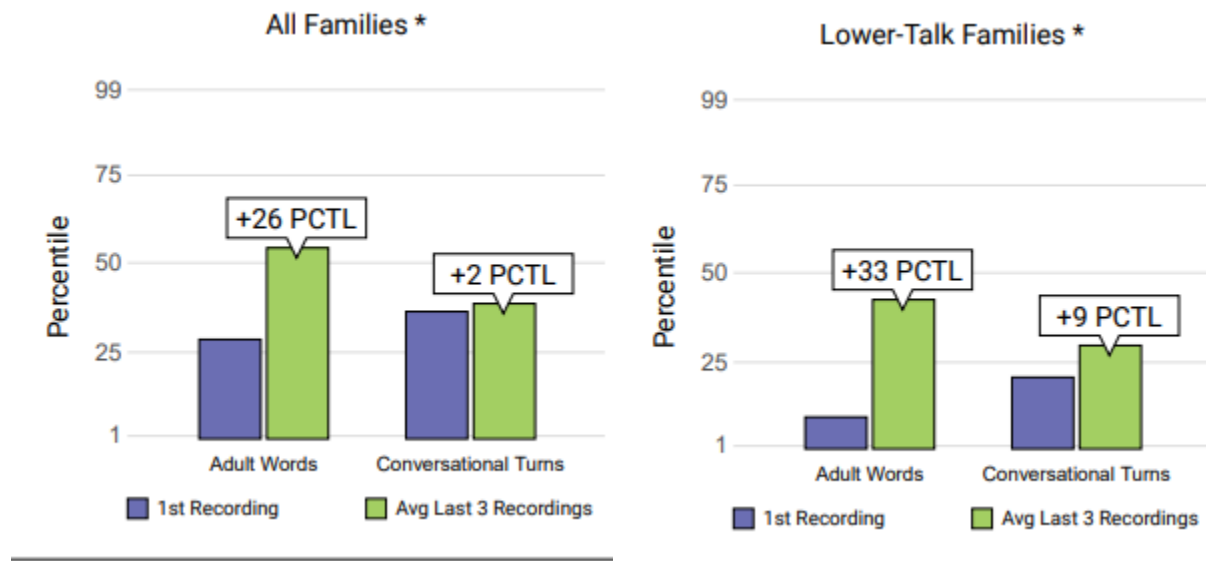
BFDI LENA Start data (including partners) From July 1, 2017 through July 28, 2022

244
participating families
62%
graduation rate
13
more minutes read per day

Shared book reading is emphasized in the program. **Parents reported reading 81% more with their children at graduation compared with the start of the program.**

**Evidence of Significant Adult Behavior Change:
Adult Words & Conversational Turns**

Relative to where they started (blue bars), graduates showed significant increases (green bars) in adult words and conversational turns



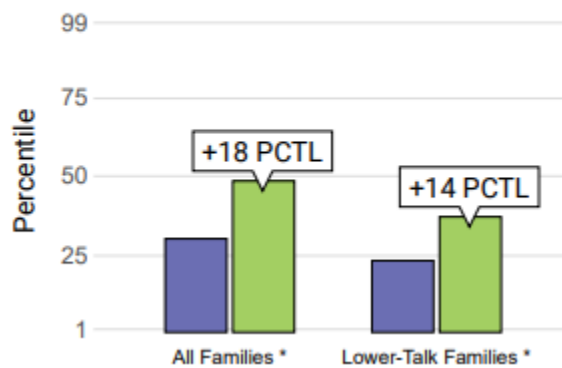
Families were considered part of the "lower talk group" if either words or turns on the first recording fell below the 50th percentile (right panel). These families had greater gains in adult words and conversational turns. The fact that the observed change in adult words is larger than the observed change in conversational turns is not surprising and is consistent with results observed in all other LENA Start sites. The reason for this is that it tends to be easier for parents to initially boost the adult word count. Increasing turns takes higher skill and more effort and so those changes tend to lag the changes in word count.

86% of families who completed the pre and post Parent Survey show gains indicating positive influences on parent perceptions and interactive behaviors

Evidence of Accelerated Child Language Development

The Snapshot is a parent questionnaire that measures a child's receptive and expressive language development. Results below compare Snapshot scores after the completion of LENA Start and show that **children whose parents participated in the program are gaining over 1 month of developmental skill every month**. Rather than falling further behind, the children are actually catching up and surpassing their peers! LENA Start is motivating parents to talk more and giving them the tools to close the gap.

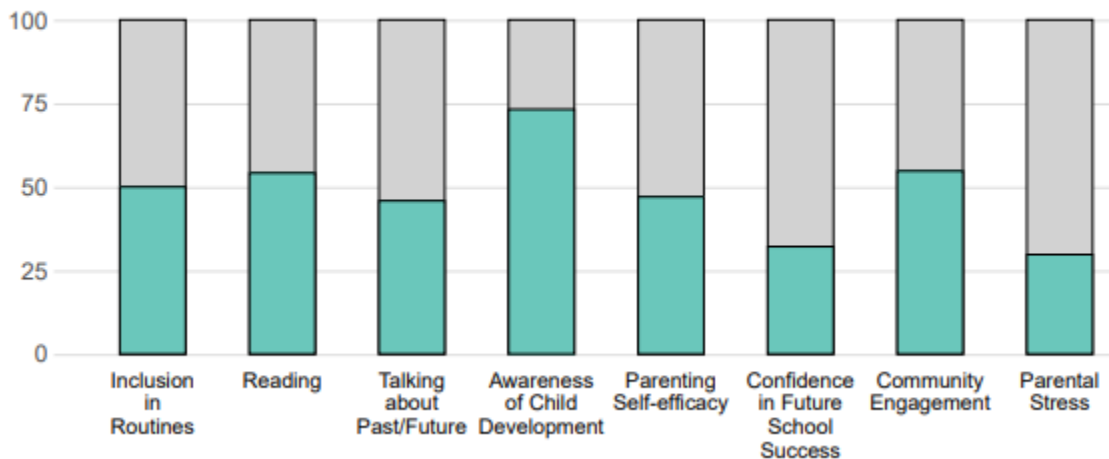
Snapshot Results



Improved Parent Perceptions & Interactive Behaviors

86% of families who completed the pre and post Parent Survey show gains in total scores, indicating positive influences on parent perceptions and interactive behaviors in a number of domains. The percentage of families that reported positive change in each of the domains is detailed below.

Percentage of Families with Positive Change





One of Lena's best and brightest...Erica reading to brother because she knows what reading does....Build Baby 🧠

Text from a former LENA Start participant

Interview with former LENA Start parent

<https://drive.google.com/file/d/1eR0Uu8bV6yVhDSFchv5lYzTcLA1Pppr3/view?usp=sharing>