



High Dosage Tutoring Program

Air Tutors partnered with Mathematica, a public policy research firm, to evaluate Air Tutors' high dosage tutoring program in the 2020-2021 school year with funding from the Bill & Melinda Gates Foundation. **Interim results suggest that students who participated in Air Tutors achieved significantly higher growth on i-Ready than the national average.** Students who participated in at least 15 sessions grew an average of 6.7 percentile points on i-Ready from the winter to spring i-Ready administrations relative to the national average

- Student population: 162, 6th and 8th-grade students
 - Student to tutor ratio: 1:1 to 4:1
 - Program duration: 14-16 weeks
 - Session frequency: 4-5 days per week
- Achievement outcomes on i-Ready (relative to the national average)
 - > Students who attended at least 15 sessions improved by an average of 6.7 percentile points (0.22 standard deviations)
 - > Female students improved by an average of 9.0 percentile points (0.31 standard deviations)
 - > The average student improved their i-Ready score from the 37th percentile to the 43rd percentile from winter to spring

Summary:

Comparing the i-Ready growth of Air Tutors students to the national average growth provides early evidence on the effectiveness of Air Tutors tutoring. It is likely that Air Tutors students differ from students nationwide in ways that could also contribute to differences in growth, independent of the effect of tutoring. To help address this concern, each Air Tutors student was compared only to students nationwide who had the same i-Ready score prior to the start of the program 2021.