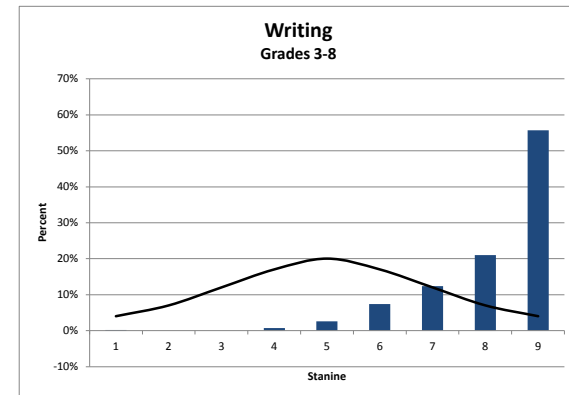
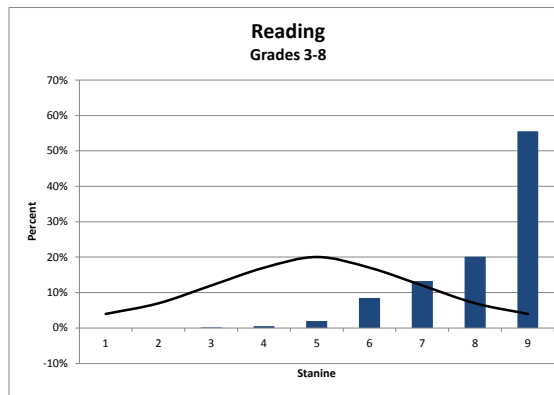
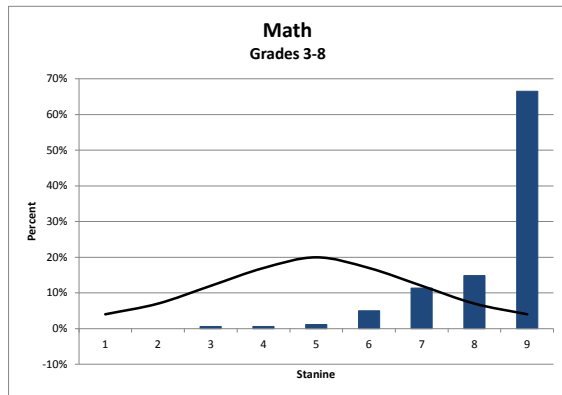


Crossroads Academy ERB Performance versus National Norms



About 55-65 percent of Crossroads students score in the top stanine (top 4 percent) nationally*

About 90-95 percent of Crossroads students score in the top three stanines (top 22 percent) nationally

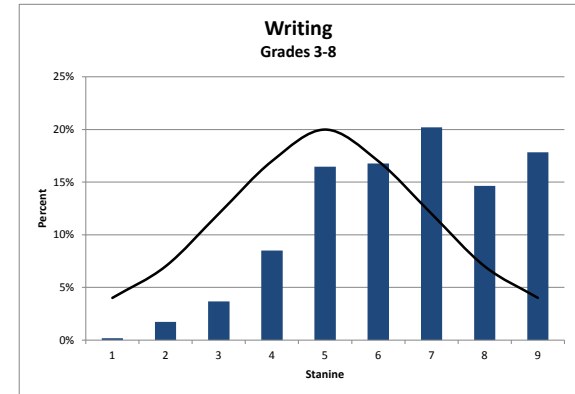
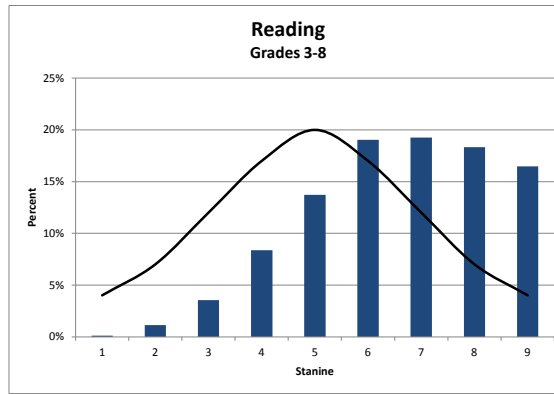
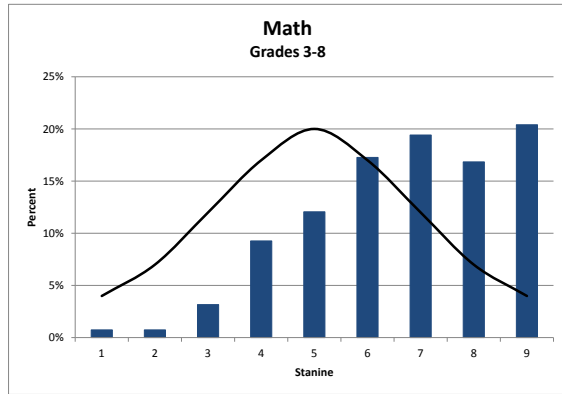
About 80 percent of Crossroads students score the equivalent of "proficient with distinction" on the NECAP**

The blue bars show the distribution of Crossroads students' performance on Educational Records Bureau (ERB) tests. The black line shows the distribution under national norms.

* Stanines are often used in education statistics as an intuitive way of rendering performance relative to a comparison group. The bottom cutoffs of the 2nd through 9th stanines are percentiles 4, 11, 23, 40, 60, 77, 89, and 96 of the comparison group, respectively. For the normal distributions, they roughly correspond to -1.75, -1.25, -0.75, -0.25, 0.25, 0.75, 1.25, and 1.75 standard deviations above the mean. Data are from tests given in May 2013-2015. The ERB CTP-4 consists of seven subtests, and the unit of observation in the graphs is a student's performance in a given year on a given subtest. For brevity, we aggregate the Quantitative Reasoning and Math 1 & 2 tests as "Math", the Verbal Reasoning, Reading Comprehension, and Vocabulary/Auditory Comprehension tests as "Reading", and the Writing Mechanics and Writing Concepts and Skills tests as "Writing."

** About 25, 20, and 15 percent of New Hampshire students score "proficient with distinction" on the New England Common Assessment Program (NECAP) exams, for Math, Reading, and Writing, respectively. This implies that the cutoff for this level of performance is the 75th, 80th, and 85th percentile. Results from the National Assessment of Educational Process (NAEP) imply that these New Hampshire percentiles correspond to roughly the 80, 85, and 90th percentiles nationally. Thus the cutoff for "proficient with distinction" is approximately the bottom, middle, and top of the 7th stanine for Math, Reading, and Writing, respectively.

Crossroads Academy Performance versus ERB Independent Schools



About 50 percent of Crossroads students score in the top three stanines (top 22 percent of students at ERB schools)

About 95 percent of Crossroads students score in the top six stanines (top 78 percent of students at ERB schools)

The blue bars show the distribution of Crossroads students' performance on Educational Records Bureau (ERB) tests. The black line shows the distribution of scores at independent schools that use ERBs

* Stanines are often used in education statistics as an intuitive way of rendering performance relative to a comparison group. The bottom cutoffs of the 2nd through 9th stanines are percentiles 4, 11, 23, 40, 60, 77, 89, and 96 of the comparison group, respectively. For the normal distributions, they roughly correspond to -1.75, -1.25, -0.75, -0.25, 0.25, 0.75, 1.25, and 1.75 standard deviations above the mean. Data are from tests given in May 2013-2015. The ERB CTP-4 consists of seven subtests, and the unit of observation in the graphs is a student's performance in a given year on a given subtest. For brevity, we aggregate the Quantitative Reasoning and Math 1 & 2 tests as "Math", the Verbal Reasoning, Reading Comprehension, and Vocabulary/Auditory Comprehension tests as "Reading", and the Writing Mechanics and Writing Concepts and Skills tests as "Writing."