

# Student Growth Percentile Goodness-of-Fit Descriptives

2011 Algebra I SGP, Grade EOCT (N = 8,060)

## SGP Deciles by Prior Achievement Level



Student Growth Percentile Range

| Prior Scale Score Decile/Range * | Student Growth Percentile Range |          |          |          |          |          |          |          |          |          |         |
|----------------------------------|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
|                                  | 1 to 9                          | 10 to 19 | 20 to 29 | 30 to 39 | 40 to 49 | 50 to 59 | 60 to 69 | 70 to 79 | 80 to 89 | 90 to 99 |         |
| 1st/[130,150)                    | 10.43                           | 9.46     | 9.46     | 10.85    | 9.46     | 9.87     | 10.57    | 9.87     | 10.43    | 9.60     | (8.9%)  |
| 2nd/[150,154)                    | 9.60                            | 9.26     | 11.62    | 8.25     | 11.11    | 10.61    | 8.08     | 10.44    | 7.91     | 13.13    | (7.4%)  |
| 3rd/[154,158)                    | 9.20                            | 10.27    | 9.88     | 10.08    | 10.18    | 9.88     | 9.59     | 10.57    | 10.76    | 9.59     | (12.7%) |
| 4th/[158,160)                    | 9.13                            | 11.64    | 8.86     | 10.71    | 9.79     | 10.19    | 11.77    | 8.47     | 9.66     | 9.79     | (9.4%)  |
| 5th/[160,163)                    | 9.22                            | 10.09    | 10.95    | 9.33     | 9.87     | 8.57     | 10.30    | 9.65     | 10.95    | 11.06    | (11.4%) |
| 6th/[163,165)                    | 11.36                           | 8.95     | 9.38     | 10.23    | 9.66     | 12.64    | 8.95     | 10.23    | 9.80     | 8.81     | (8.7%)  |
| 7th/[165,167)                    | 8.72                            | 9.48     | 10.09    | 9.94     | 10.55    | 9.33     | 11.16    | 10.55    | 8.41     | 11.77    | (8.1%)  |
| 8th/[167,170)                    | 9.74                            | 10.52    | 10.71    | 9.83     | 11.00    | 8.86     | 10.03    | 9.54     | 9.35     | 10.42    | (12.7%) |
| 9th/[170,173)                    | 9.00                            | 9.58     | 9.81     | 10.16    | 8.18     | 11.80    | 9.81     | 9.93     | 11.68    | 10.05    | (10.6%) |
| 10th/[173,199]                   | 10.30                           | 10.17    | 9.93     | 9.55     | 11.17    | 8.81     | 10.05    | 9.93     | 9.68     | 10.42    | (10%)   |

\*Prior score deciles can be uneven depending upon the prior score distribution

QQ-Plot: Student Growth Percentiles

