

# Student Growth Percentile Goodness-of-Fit Descriptives

2013 Algebra II SGP, Grade EOCT (N = 16,291)

## SGP Deciles by Prior Achievement Level



Student Growth Percentile Range

| Prior 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/[130,154]              | 10.05                           | 10.19    | 9.65     | 9.32     | 9.72     | 10.25    | 9.45     | 10.39    | 9.92     | 11.05    | (9.2%)  |
| 2nd/[154,158]              | 9.31                            | 8.89     | 10.57    | 11.17    | 10.21    | 10.09    | 10.81    | 10.09    | 10.15    | 8.71     | (10.2%) |
| 3rd/[158,160]              | 9.21                            | 10.99    | 10.54    | 9.32     | 9.10     | 7.55     | 10.54    | 9.54     | 10.65    | 12.54    | (5.5%)  |
| 4th/[160,163]              | 9.88                            | 10.28    | 10.28    | 9.22     | 10.13    | 10.54    | 9.68     | 9.98     | 9.37     | 10.64    | (12.1%) |
| 5th/[163,165]              | 9.62                            | 9.93     | 8.95     | 11.04    | 10.55    | 10.18    | 9.25     | 10.67    | 9.25     | 10.55    | (10%)   |
| 6th/[165,168]              | 9.03                            | 10.19    | 10.03    | 9.66     | 9.93     | 10.61    | 10.30    | 9.08     | 10.77    | 10.40    | (11.6%) |
| 7th/[168,170]              | 10.18                           | 9.60     | 10.69    | 9.96     | 9.60     | 9.68     | 9.75     | 10.32    | 10.04    | 10.18    | (8.5%)  |
| 8th/[170,174]              | 9.55                            | 9.94     | 9.89     | 10.04    | 10.58    | 9.26     | 10.43    | 10.38    | 9.94     | 9.99     | (12.5%) |
| 9th/[174,178]              | 9.63                            | 10.15    | 10.37    | 10.15    | 9.48     | 9.93     | 9.18     | 10.15    | 10.00    | 10.97    | (8.2%)  |
| 10th/[178,199]             | 9.46                            | 10.42    | 9.66     | 9.61     | 11.34    | 9.56     | 10.93    | 8.80     | 10.78    | 9.46     | (12.1%) |

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

QQ-Plot: Student Growth Percentiles

