

# Student Growth Percentile Goodness-of-Fit Descriptives

2013 Algebra II SGP, Grade EOCT (N = 5,050)

## 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/[130,160)                    | 11.26                           | 8.85     | 10.72    | 9.65     | 8.58     | 9.65     | 9.12     | 10.99    | 10.72    | 10.46    | (7.4%)  |
| 2nd/[160,163)                    | 9.68                            | 9.95     | 9.14     | 10.22    | 11.29    | 11.83    | 10.22    | 9.95     | 9.41     | 8.33     | (7.4%)  |
| 3rd/[163,166)                    | 9.91                            | 10.96    | 9.61     | 10.36    | 9.01     | 9.46     | 10.06    | 9.91     | 9.46     | 11.26    | (13.2%) |
| 4th/[166,168)                    | 9.04                            | 9.44     | 10.04    | 8.43     | 10.84    | 11.45    | 10.04    | 8.23     | 11.24    | 11.24    | (9.9%)  |
| 5th/[168,170)                    | 10.41                           | 10.41    | 9.42     | 10.41    | 10.58    | 8.93     | 9.75     | 11.24    | 10.25    | 8.60     | (12%)   |
| 6th/[170,171)                    | 6.91                            | 11.41    | 10.81    | 12.01    | 9.31     | 10.81    | 9.31     | 10.51    | 8.41     | 10.51    | (6.6%)  |
| 7th/[171,174)                    | 10.94                           | 8.91     | 10.16    | 10.47    | 9.69     | 9.69     | 10.31    | 10.00    | 9.53     | 10.31    | (12.7%) |
| 8th/[174,175)                    | 10.81                           | 10.21    | 12.61    | 9.01     | 10.81    | 8.11     | 9.61     | 8.11     | 10.51    | 10.21    | (6.6%)  |
| 9th/[175,181)                    | 9.79                            | 9.95     | 8.35     | 9.31     | 9.63     | 10.59    | 9.47     | 11.72    | 10.59    | 10.59    | (12.3%) |
| 10th/[181,199]                   | 8.90                            | 10.05    | 10.54    | 10.21    | 10.05    | 10.05    | 11.20    | 9.23     | 9.72     | 10.05    | (12%)   |

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

QQ-Plot: Student Growth Percentiles

