

# Student Growth Percentile Goodness-of-Fit Descriptives

2013 Chemistry SGP, Grade EOCT (N = 5,835)

## 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/[130,161)                    | 9.84                            | 10.19    | 9.67     | 9.84     | 10.19    | 10.37    | 10.02    | 10.19    | 10.72    | 8.96 (9.8%)   |
| 2nd/[161,164)                    | 11.14                           | 8.55     | 12.69    | 9.07     | 8.81     | 10.10    | 10.10    | 9.33     | 8.29     | 11.92 (6.6%)  |
| 3rd/[164,167)                    | 9.12                            | 11.44    | 8.96     | 10.36    | 10.20    | 8.96     | 10.05    | 9.27     | 11.28    | 10.36 (11.1%) |
| 4th/[167,169)                    | 9.18                            | 7.35     | 10.61    | 10.20    | 10.61    | 11.84    | 10.61    | 12.24    | 7.76     | 9.59 (8.4%)   |
| 5th/[169,171)                    | 9.85                            | 10.87    | 8.83     | 10.02    | 10.53    | 9.17     | 9.51     | 9.34     | 10.02    | 11.88 (10.1%) |
| 6th/[171,173)                    | 10.20                           | 9.89     | 11.46    | 9.58     | 8.95     | 9.89     | 10.36    | 9.73     | 11.30    | 8.63 (10.9%)  |
| 7th/[173,174)                    | 11.59                           | 12.94    | 11.32    | 9.43     | 9.43     | 11.59    | 9.16     | 7.01     | 8.63     | 8.89 (6.4%)   |
| 8th/[174,177)                    | 8.67                            | 8.67     | 7.29     | 10.55    | 9.67     | 9.17     | 10.68    | 12.69    | 11.43    | 11.18 (13.6%) |
| 9th/[177,182)                    | 9.97                            | 10.11    | 11.52    | 9.41     | 10.96    | 10.81    | 9.27     | 8.29     | 8.85     | 10.81 (12.2%) |
| 10th/[182,199]                   | 9.56                            | 10.66    | 9.72     | 10.34    | 9.72     | 10.03    | 9.87     | 10.34    | 9.87     | 9.87 (10.9%)  |

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

QQ-Plot: Student Growth Percentiles

