

# Student Growth Percentile Goodness-of-Fit Descriptives

2011 Chemistry SGP, Grade EOCT (N = 5,054)

## 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)                    | 9.39                            | 9.81     | 10.65    | 10.23    | 10.86    | 9.19     | 10.02    | 10.65    | 9.19     | 10.02    | (9.5%)  |
| 2nd/[161,164)                    | 10.53                           | 10.25    | 9.70     | 10.80    | 8.86     | 11.08    | 9.97     | 8.31     | 9.14     | 11.36    | (7.1%)  |
| 3rd/[164,166)                    | 8.57                            | 10.39    | 8.83     | 8.83     | 10.13    | 9.61     | 10.91    | 12.47    | 11.69    | 8.57     | (7.6%)  |
| 4th/[166,168)                    | 9.85                            | 10.52    | 10.18    | 10.02    | 11.02    | 9.18     | 8.18     | 10.52    | 9.85     | 10.68    | (11.9%) |
| 5th/[168,170)                    | 8.62                            | 9.27     | 10.99    | 8.62     | 10.34    | 9.05     | 12.50    | 9.27     | 8.84     | 12.50    | (9.2%)  |
| 6th/[170,172)                    | 11.74                           | 10.28    | 8.26     | 11.19    | 8.07     | 13.03    | 8.99     | 8.81     | 11.01    | 8.62     | (10.8%) |
| 7th/[172,174)                    | 8.69                            | 10.04    | 11.78    | 10.81    | 9.27     | 8.88     | 10.23    | 11.39    | 10.04    | 8.88     | (10.2%) |
| 8th/[174,177)                    | 8.55                            | 10.47    | 9.08     | 9.60     | 11.52    | 9.77     | 9.60     | 9.60     | 9.25     | 12.57    | (11.3%) |
| 9th/[177,181)                    | 9.92                            | 10.73    | 10.53    | 8.50     | 10.12    | 8.50     | 10.93    | 10.12    | 11.34    | 9.31     | (9.8%)  |
| 10th/[181,199]                   | 10.53                           | 8.96     | 9.91     | 11.01    | 9.59     | 10.53    | 10.38    | 8.81     | 9.75     | 10.53    | (12.6%) |

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

QQ-Plot: Student Growth Percentiles

