

Student Growth Percentile Goodness-of-Fit Descriptives

2011 Chemistry SGP, Grade EOCT (N = 4,896)

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/[133,161) | 9.87 | 9.87 | 9.87 | 10.53 | 10.75 | 9.21 | 10.96 | 9.43 | 9.43 | 10.09 | (9.3%) |
| 2nd/[161,164) | 11.85 | 7.80 | 10.98 | 9.83 | 10.98 | 10.12 | 8.67 | 10.12 | 8.96 | 10.69 | (7.1%) |
| 3rd/[164,166) | 7.30 | 10.81 | 10.81 | 8.38 | 8.92 | 10.00 | 10.00 | 11.62 | 12.97 | 9.19 | (7.6%) |
| 4th/[166,168) | 10.58 | 10.75 | 9.56 | 10.75 | 10.07 | 10.07 | 9.90 | 8.87 | 9.39 | 10.07 | (12%) |
| 5th/[168,170) | 8.67 | 9.33 | 10.67 | 8.67 | 9.78 | 10.00 | 12.44 | 8.89 | 9.56 | 12.00 | (9.2%) |
| 6th/[170,172) | 11.64 | 9.73 | 8.21 | 11.26 | 9.73 | 10.88 | 9.16 | 10.31 | 9.54 | 9.54 | (10.7%) |
| 7th/[172,174) | 8.37 | 11.16 | 12.35 | 8.17 | 9.96 | 9.36 | 8.96 | 11.75 | 10.36 | 9.56 | (10.3%) |
| 8th/[174,177) | 9.16 | 8.98 | 9.34 | 11.49 | 10.41 | 9.87 | 9.52 | 9.87 | 10.23 | 11.13 | (11.4%) |
| 9th/[177,181) | 9.48 | 9.90 | 10.72 | 9.07 | 9.69 | 9.69 | 11.55 | 9.07 | 10.31 | 10.52 | (9.9%) |
| 10th/[181,199] | 10.00 | 10.48 | 9.35 | 10.32 | 10.32 | 9.84 | 10.32 | 9.68 | 9.68 | 10.00 | (12.7%) |

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

QQ-Plot: Student Growth Percentiles

