

Student Growth Percentile Goodness-of-Fit Descriptives

2011 Chemistry SGP, Grade EOCT (N = 7,237)

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/[130,156] | 9.80 | 10.71 | 9.65 | 8.90 | 9.65 | 10.11 | 10.41 | 9.65 | 10.41 | 10.71 | (9.2%) |
| 2nd/[156,160] | 10.47 | 8.58 | 10.03 | 10.90 | 10.32 | 10.76 | 9.59 | 9.16 | 10.03 | 10.17 | (9.5%) |
| 3rd/[160,162] | 8.74 | 10.87 | 10.87 | 10.87 | 9.71 | 8.54 | 9.71 | 10.29 | 9.90 | 10.49 | (7.1%) |
| 4th/[162,164] | 9.91 | 12.23 | 8.36 | 9.44 | 10.53 | 9.91 | 10.53 | 10.53 | 9.29 | 9.29 | (8.9%) |
| 5th/[164,166] | 8.86 | 8.86 | 10.66 | 9.82 | 10.30 | 11.02 | 10.06 | 9.82 | 9.82 | 10.78 | (11.5%) |
| 6th/[166,168] | 9.67 | 9.67 | 9.44 | 9.44 | 8.89 | 9.67 | 10.22 | 11.44 | 10.44 | 11.11 | (12.4%) |
| 7th/[168,170] | 8.44 | 10.67 | 10.83 | 12.10 | 10.51 | 11.31 | 8.28 | 8.92 | 8.60 | 10.35 | (8.7%) |
| 8th/[170,172] | 11.37 | 9.83 | 9.52 | 9.06 | 10.29 | 9.22 | 11.52 | 8.91 | 11.37 | 8.91 | (9%) |
| 9th/[172,176] | 9.38 | 11.08 | 9.99 | 9.87 | 10.11 | 8.65 | 9.50 | 10.96 | 9.26 | 11.21 | (11.3%) |
| 10th/[176,199] | 9.44 | 9.21 | 10.22 | 10.22 | 9.78 | 10.79 | 10.45 | 9.66 | 9.89 | 10.34 | (12.3%) |

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

QQ-Plot: Student Growth Percentiles

