# Student Growth Percentile Goodness–of–Fit Descriptives
## 2012–2013 Reading SGP, Grade 7 (N = 13,767)

## SGP Deciles by Prior Achievement Level



Prior Achievement Level

Below Proficient — (100%)

Median Student Growth Percentile (1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99)

### Student Growth Percentile Range

| Prior Scale Score Decile/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/[600,634) | 10.49 | 11.10 | 10.41 | 9.42 | 10.34 | 9.57 | 10.41 | 9.11 | 9.57 | 9.57 | (9.5%) |
| 2nd/[634,640) | 10.55 | 9.91 | 8.91 | 10.26 | 9.48 | 10.19 | 9.76 | 9.76 | 10.98 | 10.19 | (10.2%) |
| 3rd/[640,643) | 9.88 | 10.76 | 9.98 | 9.30 | 10.08 | 10.37 | 8.24 | 9.98 | 10.08 | 11.34 | (7.5%) |
| 4th/[643,646) | 8.54 | 10.18 | 10.18 | 11.25 | 10.34 | 10.26 | 11.74 | 10.02 | 8.70 | 8.78 | (8.8%) |
| 5th/[646,650) | 10.62 | 10.27 | 10.06 | 9.29 | 9.50 | 9.85 | 9.57 | 10.48 | 9.99 | 10.34 | (10.4%) |
| 6th/[650,653) | 9.13 | 9.93 | 9.50 | 10.12 | 10.12 | 9.99 | 10.06 | 10.12 | 10.43 | 10.61 | (11.8%) |
| 7th/[653,657) | 9.78 | 10.36 | 10.67 | 10.04 | 9.40 | 10.55 | 9.09 | 10.23 | 9.09 | 10.80 | (11.4%) |
| 8th/[657,659) | 10.88 | 9.52 | 9.80 | 11.43 | 8.16 | 8.57 | 11.43 | 10.34 | 9.25 | 10.61 | (5.3%) |
| 9th/[659,666) | 9.09 | 10.48 | 9.68 | 9.41 | 10.81 | 9.57 | 9.52 | 10.05 | 10.70 | 10.70 | (13.5%) |
| 10th/[666,680] | 9.39 | 9.58 | 10.08 | 10.71 | 9.89 | 10.08 | 10.27 | 9.83 | 9.83 | 10.33 | (11.5%) |

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

### QQ–Plot: Student Growth Percentiles



Theoretical SGP Distribution

Empirical SGP Distribution