# Student Growth Percentile Goodness–of–Fit Descriptives
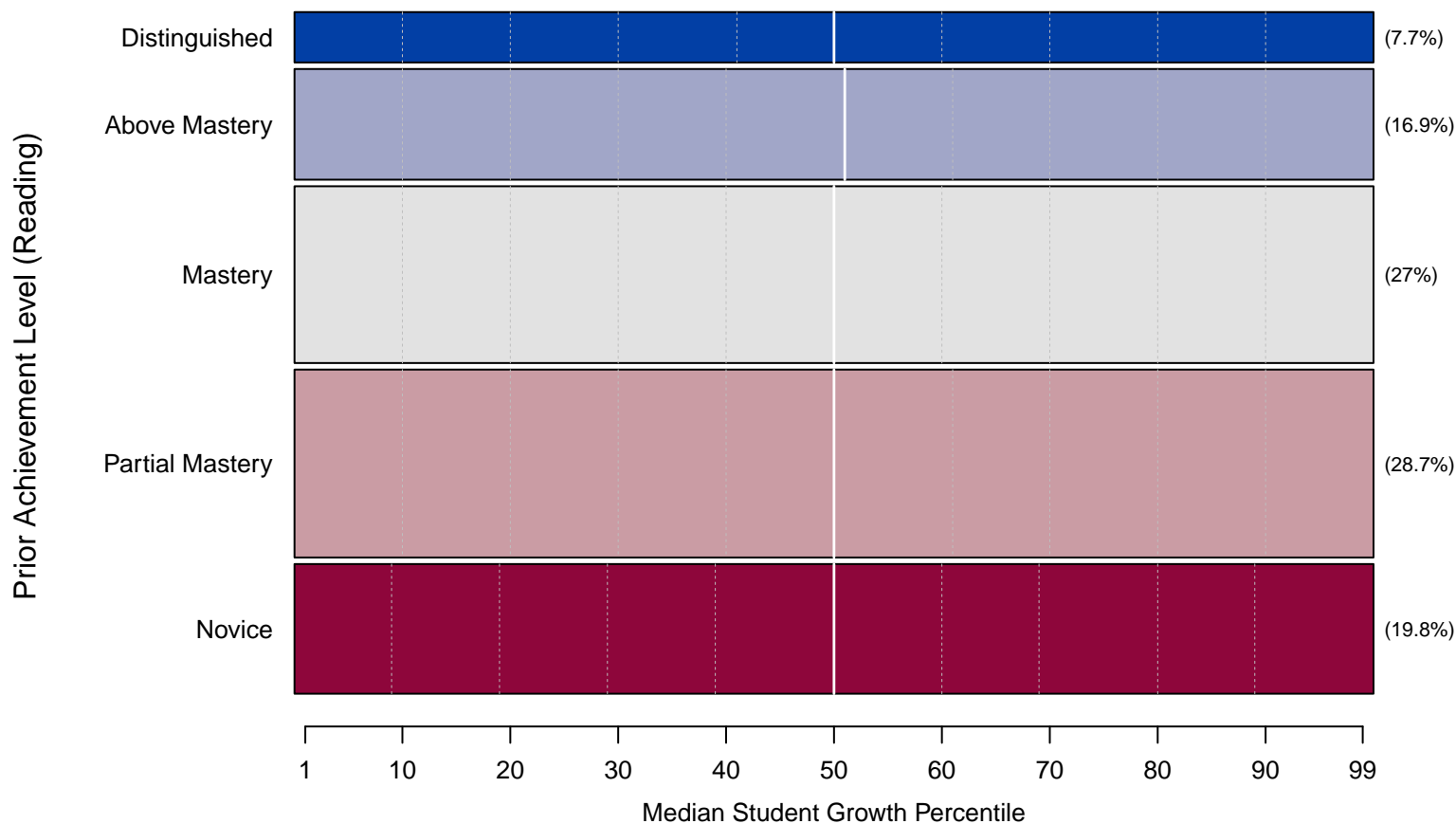## 2013–2014 Reading SGP, Grade 9 (N = 16,747)

## SGP Deciles by Prior Achievement Level

**Prior Achievement Level (Reading)**

| Distinguished | (7.7%) |
| Above Mastery | (16.9%) |
| Mastery | (27%) |
| Partial Mastery | (28.7%) |
| Novice | (19.8%) |

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/[145,426) | 9.48 | 10.86 | 10.40 | 9.61 | 10.27 | 9.42 | 9.55 | 10.27 | 9.94 | 10.20 | (9.1%) |
| 2nd/[426,448) | 10.71 | 9.64 | 10.03 | 9.92 | 8.91 | 10.71 | 10.65 | 9.47 | 10.37 | 9.59 | (10.7%) |
| 3rd/[448,461) | 9.93 | 9.51 | 9.99 | 11.25 | 10.41 | 9.09 | 8.72 | 9.93 | 10.23 | 10.95 | (9.9%) |
| 4th/[461,472) | 9.20 | 10.70 | 10.14 | 9.64 | 9.70 | 10.07 | 10.20 | 9.95 | 9.70 | 10.70 | (9.6%) |
| 5th/[472,481) | 9.86 | 9.99 | 10.25 | 9.27 | 9.01 | 9.33 | 10.70 | 10.05 | 10.18 | 11.36 | (9.1%) |
| 6th/[481,492) | 9.35 | 9.61 | 9.67 | 10.20 | 9.93 | 9.93 | 10.57 | 9.61 | 10.72 | 10.41 | (11.3%) |
| 7th/[492,501) | 11.06 | 10.24 | 9.93 | 10.62 | 9.56 | 8.99 | 9.68 | 11.18 | 8.68 | 10.06 | (9.6%) |
| 8th/[501,513) | 8.92 | 10.27 | 9.53 | 9.72 | 9.90 | 10.95 | 10.46 | 9.47 | 9.72 | 11.07 | (9.7%) |
| 9th/[513,533) | 10.03 | 9.37 | 9.75 | 9.65 | 9.92 | 10.14 | 9.70 | 10.41 | 10.35 | 10.68 | (11%) |
| 10th/[533,667] | 9.54 | 10.44 | 9.72 | 9.12 | 10.20 | 9.78 | 10.55 | 10.14 | 10.26 | 10.26 | (10%) |

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

## QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution