# Student Growth Percentile Goodness–of–Fit Descriptives
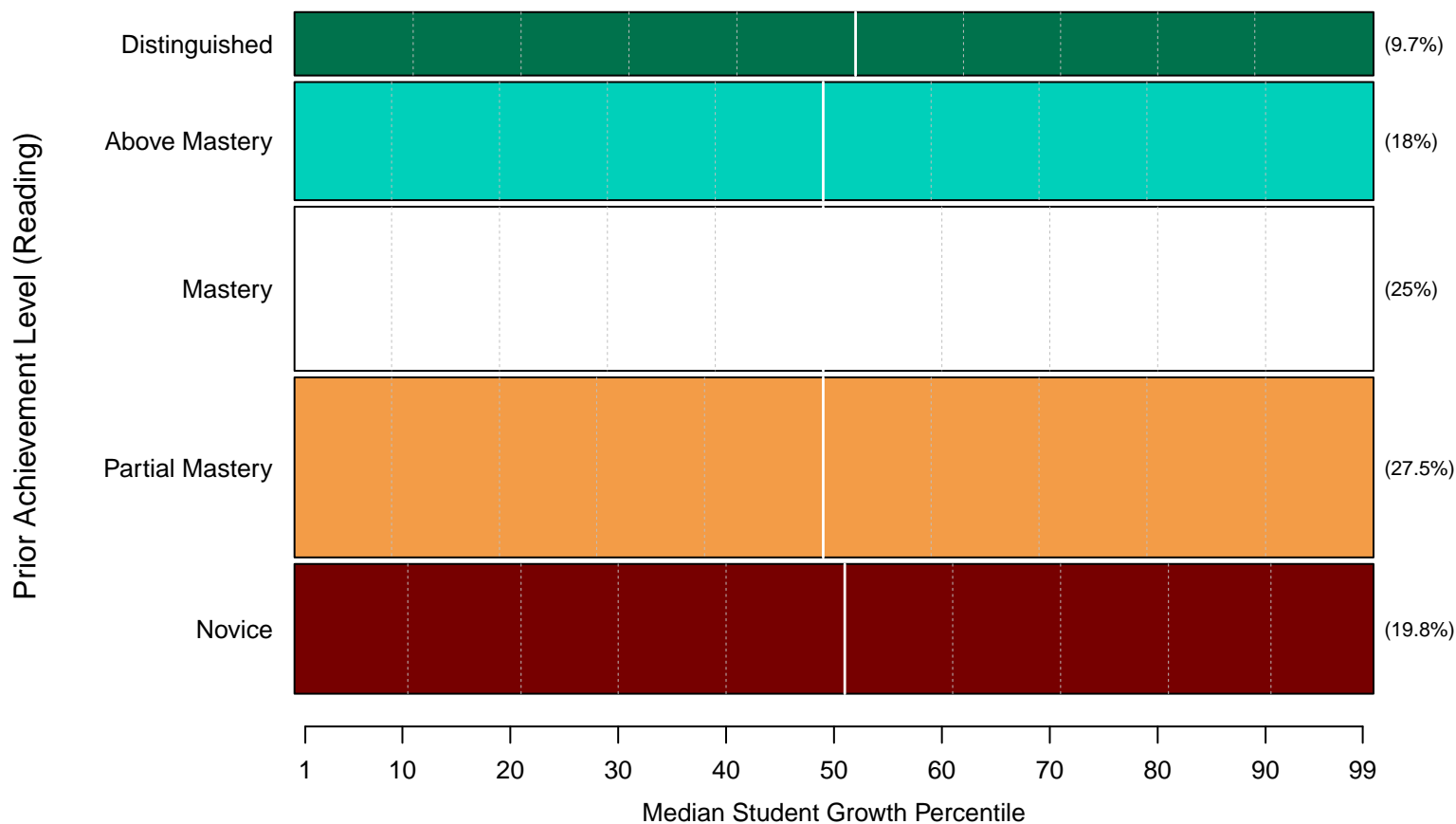## 2011–2012 Reading SGP, Grade 8 (N = 18,772)

## SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

| Level | Percent |
|---|---|
| Distinguished | (9.7%) |
| Above Mastery | (18%) |
| Mastery | (25%) |
| Partial Mastery | (27.5%) |
| 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/[142,426) | 9.09 | 9.83 | 9.60 | 9.94 | 9.26 | 9.49 | 10.57 | 10.80 | 10.63 | 10.80 | (9.3%) |
| 2nd/[426,447) | 9.21 | 9.92 | 10.99 | 10.02 | 9.92 | 9.00 | 9.87 | 9.21 | 10.33 | 11.55 | (10.5%) |
| 3rd/[447,461) | 9.66 | 10.13 | 11.03 | 9.97 | 9.12 | 10.77 | 8.81 | 9.92 | 8.86 | 11.72 | (10%) |
| 4th/[461,472) | 10.97 | 10.20 | 8.50 | 10.48 | 8.94 | 9.93 | 11.30 | 9.87 | 10.09 | 9.71 | (9.7%) |
| 5th/[472,482) | 11.54 | 10.97 | 10.86 | 10.24 | 9.45 | 8.77 | 9.16 | 8.94 | 10.24 | 9.84 | (9.4%) |
| 6th/[482,491) | 10.92 | 9.98 | 10.24 | 10.76 | 9.46 | 9.46 | 9.46 | 9.57 | 10.45 | 9.67 | (10.2%) |
| 7th/[491,501) | 10.15 | 9.85 | 9.59 | 10.15 | 9.28 | 9.74 | 10.67 | 9.33 | 10.10 | 11.13 | (10.4%) |
| 8th/[501,513) | 10.71 | 11.30 | 10.01 | 9.52 | 9.57 | 9.14 | 9.19 | 9.95 | 10.38 | 10.22 | (9.8%) |
| 9th/[513,528) | 10.57 | 8.93 | 9.95 | 10.57 | 10.57 | 9.90 | 10.01 | 9.80 | 9.24 | 10.47 | (10.4%) |
| 10th/[528,693] | 8.33 | 10.11 | 10.11 | 9.32 | 9.74 | 10.16 | 10.48 | 10.69 | 11.16 | 9.90 | (10.2%) |

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

## QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution