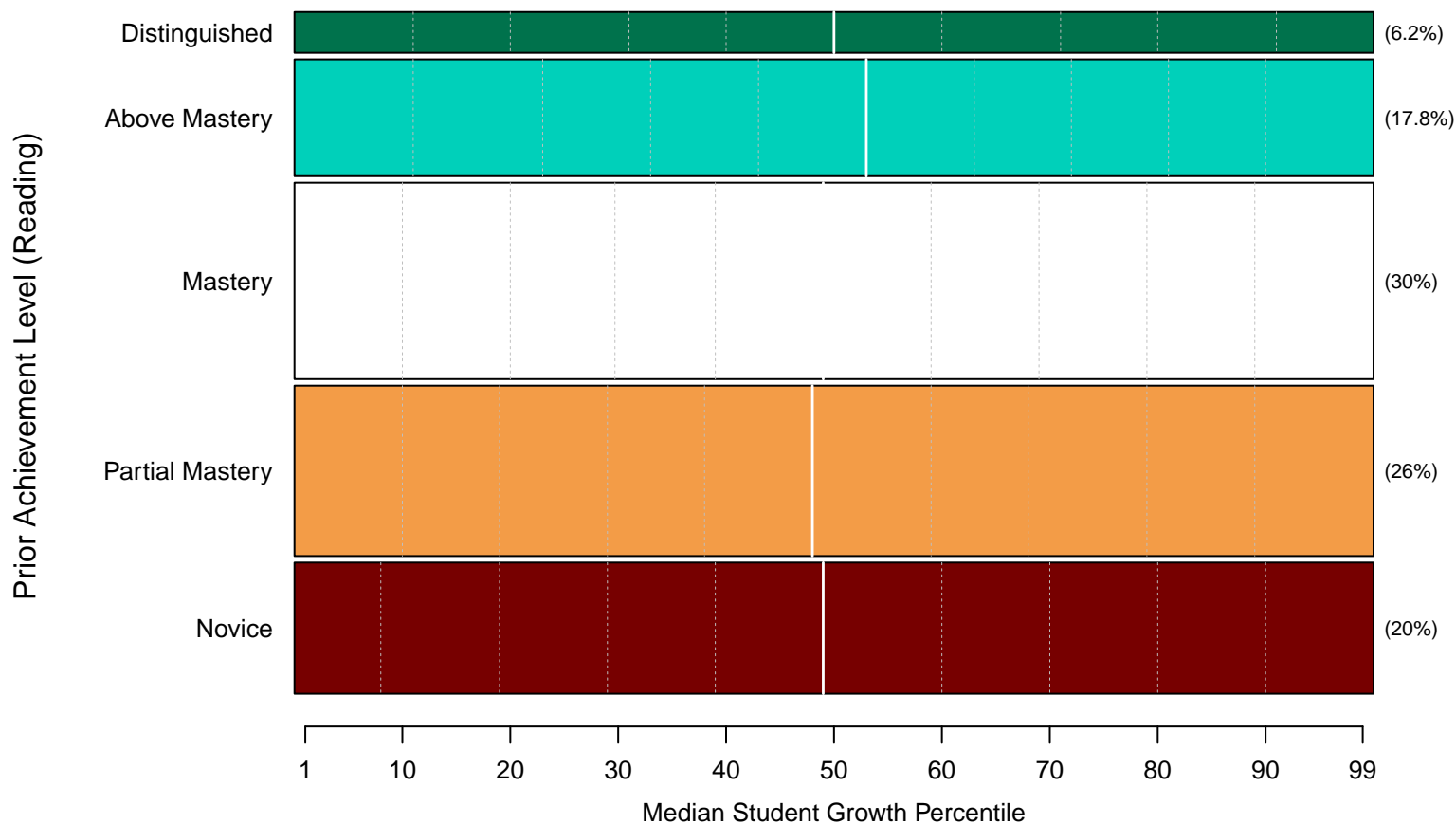# Student Growth Percentile Goodness–of–Fit Descriptives
## 2012–2013 Reading SGP, Grade 10 (N = 17,254)

## SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

| Level | Percentage |
|---|---|
| Distinguished | (6.2%) |
| Above Mastery | (17.8%) |
| Mastery | (30%) |
| Partial Mastery | (26%) |
| Novice | (20%) |

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/[148,422) | 12.55 | 10.29 | 9.91 | 10.16 | 9.22 | 9.16 | 9.35 | 9.79 | 9.41 | 10.16 | (9.2%) |
| 2nd/[422,447) | 10.11 | 8.68 | 10.45 | 9.77 | 10.11 | 9.82 | 9.37 | 10.74 | 10.57 | 10.39 | (10.1%) |
| 3rd/[447,465) | 11.33 | 10.45 | 10.13 | 10.67 | 8.92 | 9.80 | 10.29 | 8.65 | 9.47 | 10.29 | (10.6%) |
| 4th/[465,477) | 8.85 | 9.96 | 10.81 | 10.55 | 10.74 | 9.70 | 10.16 | 10.55 | 10.09 | 8.59 | (8.9%) |
| 5th/[477,489) | 9.43 | 10.54 | 9.93 | 10.81 | 10.09 | 9.38 | 10.15 | 10.37 | 9.27 | 10.04 | (10.5%) |
| 6th/[489,499) | 9.60 | 9.71 | 10.49 | 10.16 | 11.17 | 10.77 | 9.20 | 9.88 | 10.33 | 8.70 | (10.3%) |
| 7th/[499,510) | 9.47 | 10.54 | 9.71 | 10.24 | 11.19 | 9.71 | 9.71 | 10.48 | 8.94 | 10.01 | (9.8%) |
| 8th/[510,523) | 9.35 | 9.75 | 9.52 | 10.25 | 9.07 | 9.92 | 9.69 | 10.03 | 10.87 | 11.55 | (10.3%) |
| 9th/[523,539) | 8.75 | 8.35 | 9.10 | 10.09 | 10.90 | 10.03 | 11.07 | 10.78 | 11.25 | 9.68 | (10%) |
| 10th/[539,727] | 8.17 | 9.99 | 9.36 | 10.61 | 9.31 | 10.05 | 9.99 | 10.95 | 10.16 | 11.41 | (10.2%) |

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

### QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100)

Empirical SGP Distribution (0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100)