# Student Growth Percentile Goodness–of–Fit Descriptives
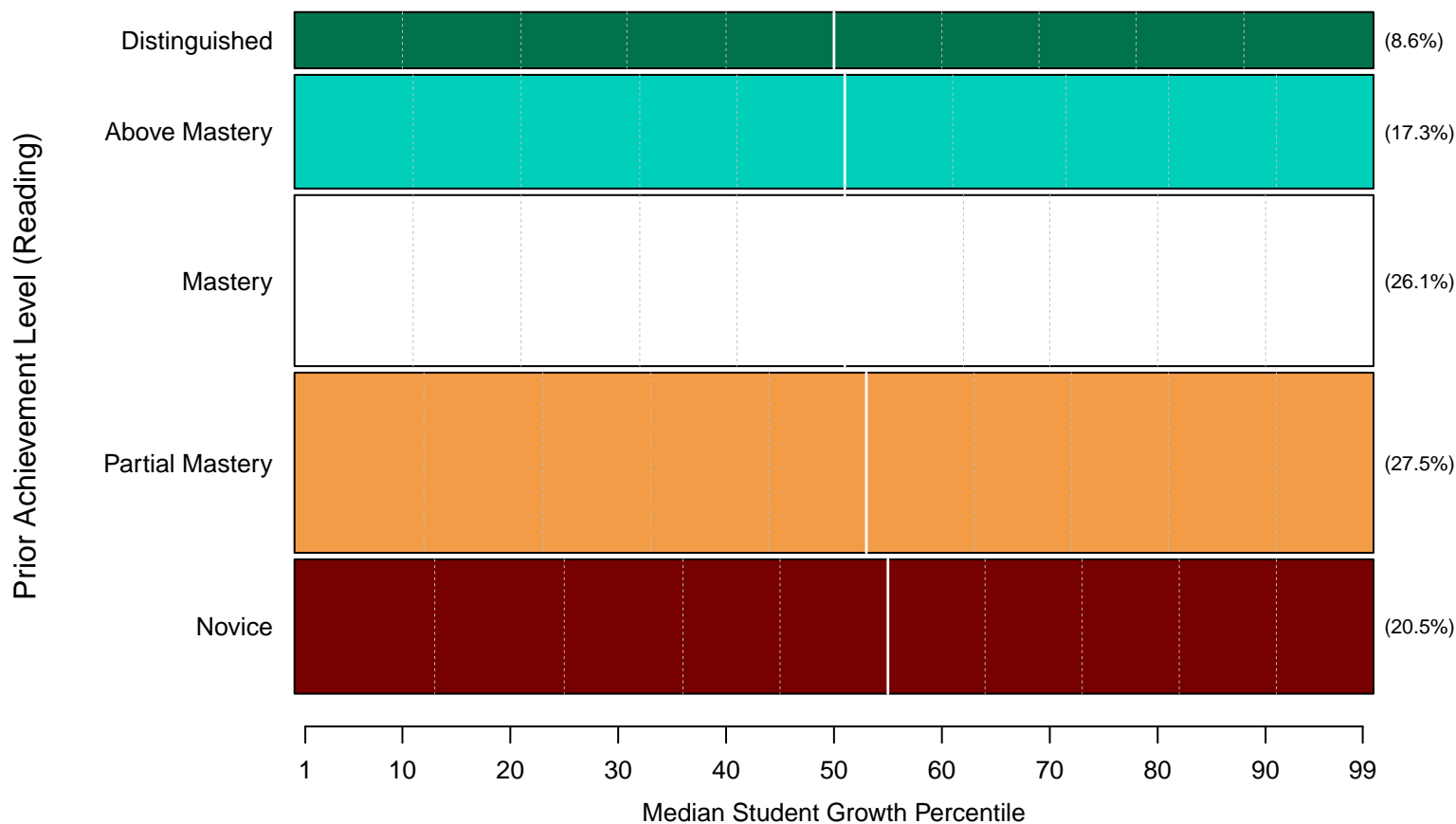
## 2011–2012 Reading SGP, Grade 11 (N = 16,175)

## SGP Deciles by Prior Achievement Level



Prior Achievement Level (Reading) — Median Student Growth Percentile

| Prior Achievement Level | Percent |
|---|---|
| Distinguished | (8.6%) |
| Above Mastery | (17.3%) |
| Mastery | (26.1%) |
| Partial Mastery | (27.5%) |
| Novice | (20.5%) |

## 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/[150,425) | 6.86 | 8.02 | 8.66 | 9.17 | 9.81 | 10.20 | 11.23 | 12.25 | 11.55 | 12.25 | (9.6%) |
| 2nd/[425,452) | 7.13 | 8.71 | 8.45 | 10.35 | 9.97 | 11.80 | 10.47 | 11.10 | 10.79 | 11.23 | (9.8%) |
| 3rd/[452,470) | 8.04 | 8.46 | 9.18 | 10.02 | 9.18 | 9.00 | 11.94 | 11.52 | 11.46 | 11.16 | (10.3%) |
| 4th/[470,482) | 8.14 | 8.47 | 9.37 | 9.70 | 10.80 | 11.18 | 9.83 | 10.21 | 10.34 | 11.96 | (9.6%) |
| 5th/[482,494) | 8.09 | 8.69 | 9.89 | 10.61 | 10.90 | 9.65 | 10.07 | 10.67 | 11.02 | 10.43 | (10.3%) |
| 6th/[494,507) | 8.34 | 9.22 | 9.79 | 9.10 | 10.80 | 10.23 | 11.43 | 10.11 | 10.11 | 10.87 | (9.8%) |
| 7th/[507,520) | 9.18 | 9.68 | 10.38 | 10.63 | 8.54 | 9.62 | 10.57 | 10.76 | 10.00 | 10.63 | (9.8%) |
| 8th/[520,534) | 8.12 | 10.01 | 9.45 | 11.08 | 10.26 | 10.96 | 9.38 | 9.13 | 10.89 | 10.71 | (9.8%) |
| 9th/[534,555) | 9.17 | 8.77 | 10.37 | 10.48 | 10.54 | 9.40 | 9.52 | 9.57 | 10.60 | 11.57 | (10.9%) |
| 10th/[555,774] | 9.49 | 9.43 | 9.98 | 9.56 | 10.71 | 9.68 | 11.14 | 11.63 | 10.10 | 8.28 | (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