# Student Growth Percentile Goodness–of–Fit Descriptives
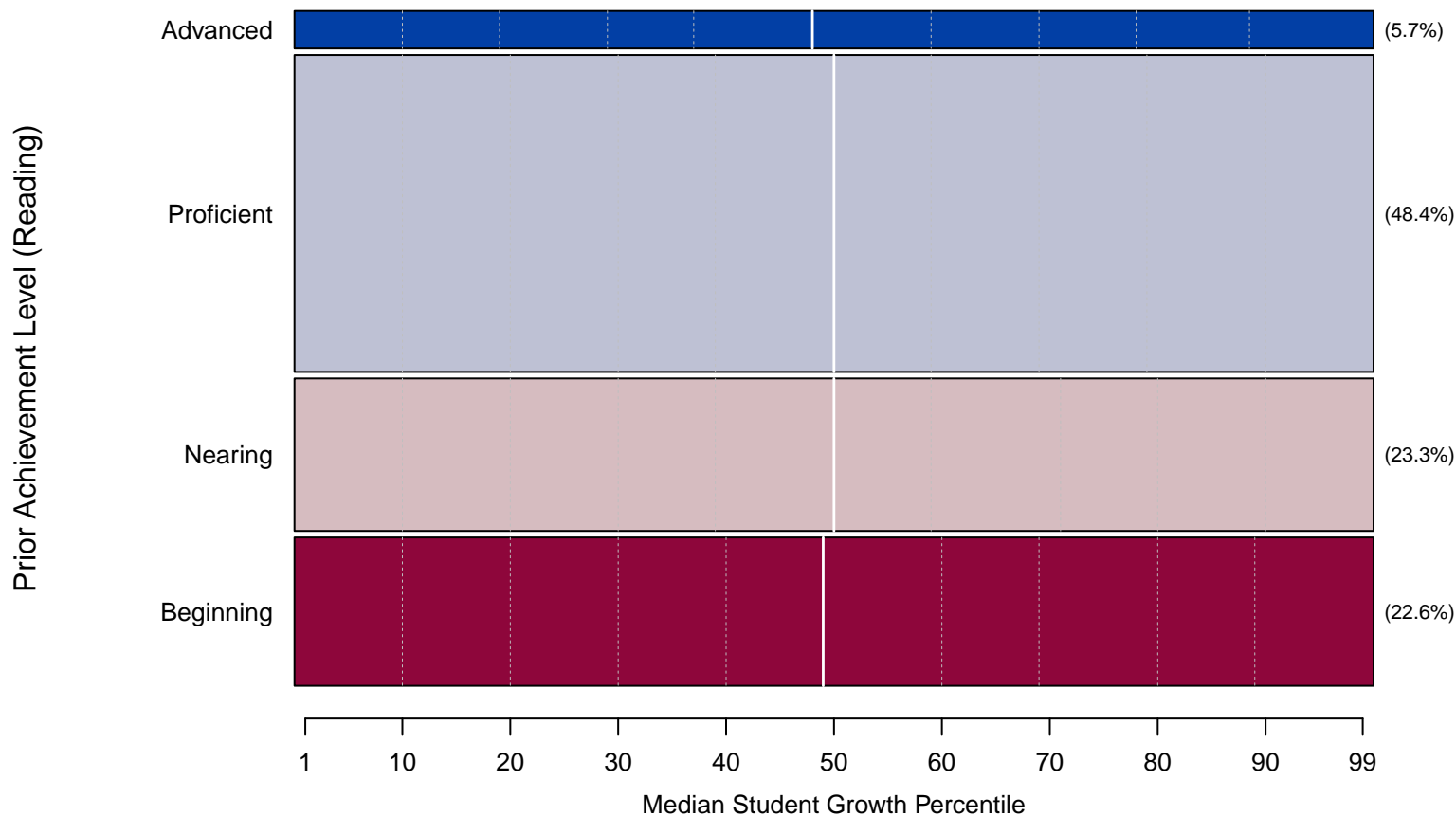## 2013 Reading SGP, Grade 4 (N = 5,358)

## SGP Deciles by Prior Achievement Level



Prior Achievement Level (Reading)

- Advanced (5.7%)
- Proficient (48.4%)
- Nearing (23.3%)
- Beginning (22.6%)

Median Student Growth Percentile

## 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/[300,324) | 10.40 | 11.37 | 9.06 | 11.18 | 10.21 | 10.02 | 8.86 | 10.02 | 9.83 | 9.06 | (9.7%) |
| 2nd/[324,330) | 8.35 | 6.89 | 12.73 | 8.35 | 9.81 | 10.02 | 11.48 | 8.56 | 12.53 | 11.27 | (8.9%) |
| 3rd/[330,335) | 10.53 | 11.43 | 8.71 | 10.89 | 10.53 | 11.80 | 7.80 | 11.25 | 7.62 | 9.44 | (10.3%) |
| 4th/[335,339) | 10.63 | 8.92 | 10.46 | 8.92 | 6.52 | 12.01 | 10.46 | 10.63 | 9.78 | 11.66 | (10.9%) |
| 5th/[339,341) | 7.01 | 11.28 | 8.84 | 16.16 | 12.50 | 4.88 | 7.93 | 10.37 | 13.11 | 7.93 | (6.1%) |
| 6th/[341,344) | 10.83 | 9.88 | 10.01 | 12.04 | 6.77 | 10.55 | 11.37 | 9.07 | 8.80 | 10.69 | (13.8%) |
| 7th/[344,346) | 8.67 | 10.30 | 7.59 | 12.20 | 8.67 | 13.55 | 8.94 | 13.28 | 8.94 | 7.86 | (6.9%) |
| 8th/[346,349) | 10.89 | 10.54 | 12.32 | 8.21 | 10.18 | 9.11 | 6.79 | 12.50 | 8.04 | 11.43 | (10.5%) |
| 9th/[349,354) | 8.53 | 10.00 | 10.29 | 10.00 | 11.62 | 9.26 | 11.62 | 8.53 | 9.26 | 10.88 | (12.7%) |
| 10th/[354,380] | 10.18 | 9.64 | 8.18 | 11.45 | 8.73 | 12.00 | 10.55 | 9.27 | 10.55 | 9.45 | (10.3%) |

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

## QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution



Empirical SGP Distribution