# Student Growth Percentile Goodness–of–Fit Descriptives
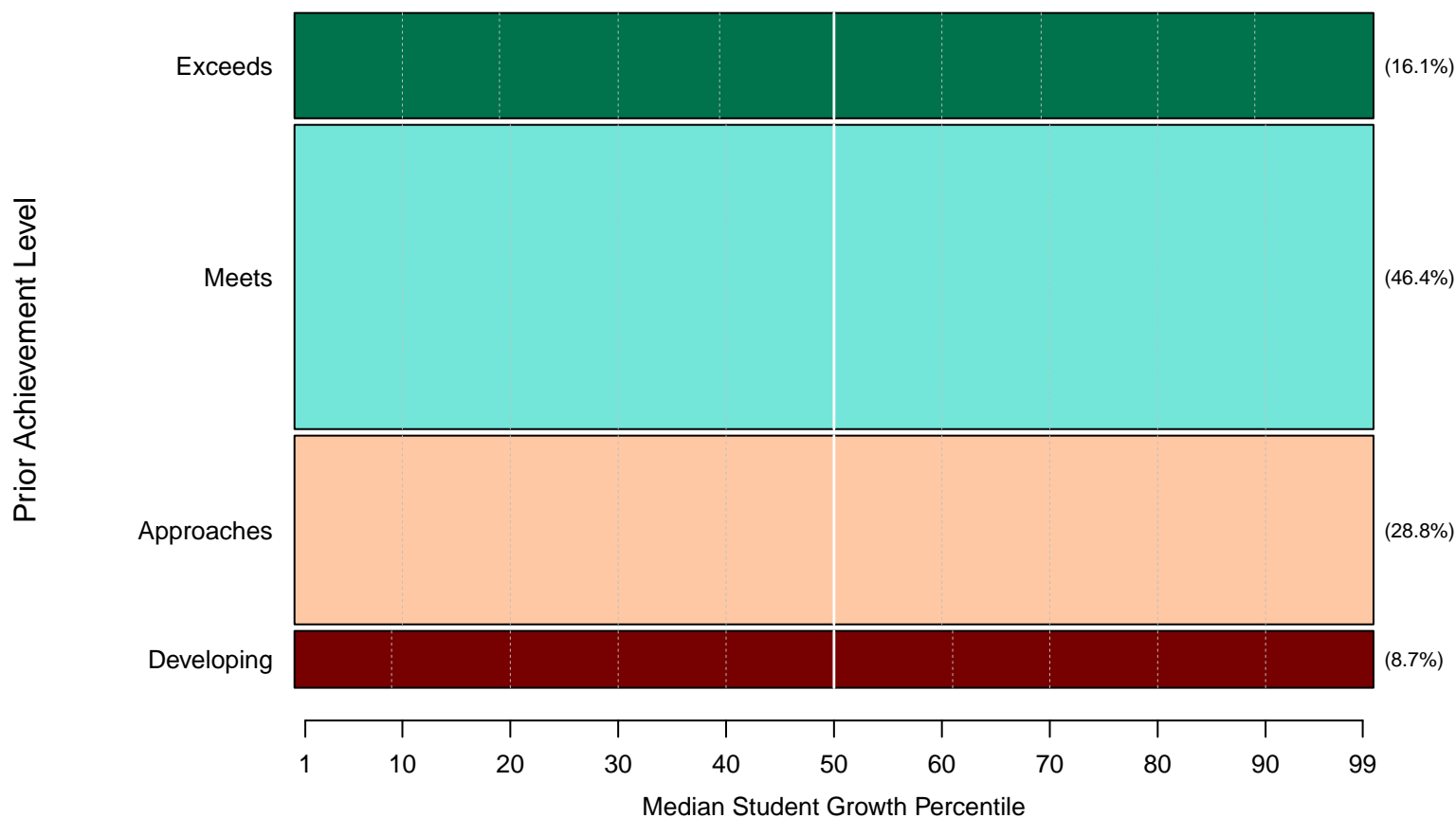
## 2009–2010 Reading SGP, Grade 5 (N = 30,706)

## SGP Deciles by Prior Achievement Level



Prior Achievement Level

| Level | Percentage |
|---|---|
| Exceeds | (16.1%) |
| Meets | (46.4%) |
| Approaches | (28.8%) |
| Developing | (8.7%) |

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/[100,207) | 11.52 | 7.88 | 10.44 | 9.57 | 10.17 | 9.87 | 9.83 | 9.95 | 10.17 | 10.59 | (8.7%) |
| 2nd/[207,258) | 9.49 | 10.21 | 9.94 | 9.64 | 9.64 | 10.06 | 9.13 | 10.55 | 10.49 | 10.85 | (10.8%) |
| 3rd/[258,286) | 9.72 | 10.36 | 9.98 | 10.46 | 9.63 | 10.01 | 10.75 | 8.96 | 9.88 | 10.24 | (10.2%) |
| 4th/[286,302) | 9.17 | 10.09 | 10.29 | 9.63 | 9.80 | 10.42 | 9.38 | 11.25 | 10.05 | 9.92 | (7.8%) |
| 5th/[302,319) | 10.02 | 9.55 | 9.48 | 9.38 | 10.16 | 9.75 | 9.89 | 10.43 | 10.09 | 11.25 | (9.6%) |
| 6th/[319,339) | 9.06 | 9.75 | 10.47 | 9.86 | 10.72 | 8.98 | 10.58 | 9.36 | 10.55 | 10.66 | (11.8%) |
| 7th/[339,355) | 9.49 | 10.71 | 9.18 | 11.08 | 9.79 | 10.27 | 11.08 | 9.05 | 9.12 | 10.23 | (9.6%) |
| 8th/[355,376) | 10.40 | 9.20 | 10.27 | 9.67 | 8.89 | 11.93 | 8.17 | 10.40 | 10.77 | 10.30 | (10.4%) |
| 9th/[376,404) | 9.49 | 10.60 | 9.13 | 11.51 | 10.01 | 9.82 | 9.56 | 10.08 | 9.33 | 10.47 | (10%) |
| 10th/[404,500] | 9.38 | 10.71 | 9.99 | 9.81 | 9.87 | 9.44 | 10.60 | 9.49 | 10.89 | 9.81 | (11.2%) |

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

## QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution



Empirical SGP Distribution