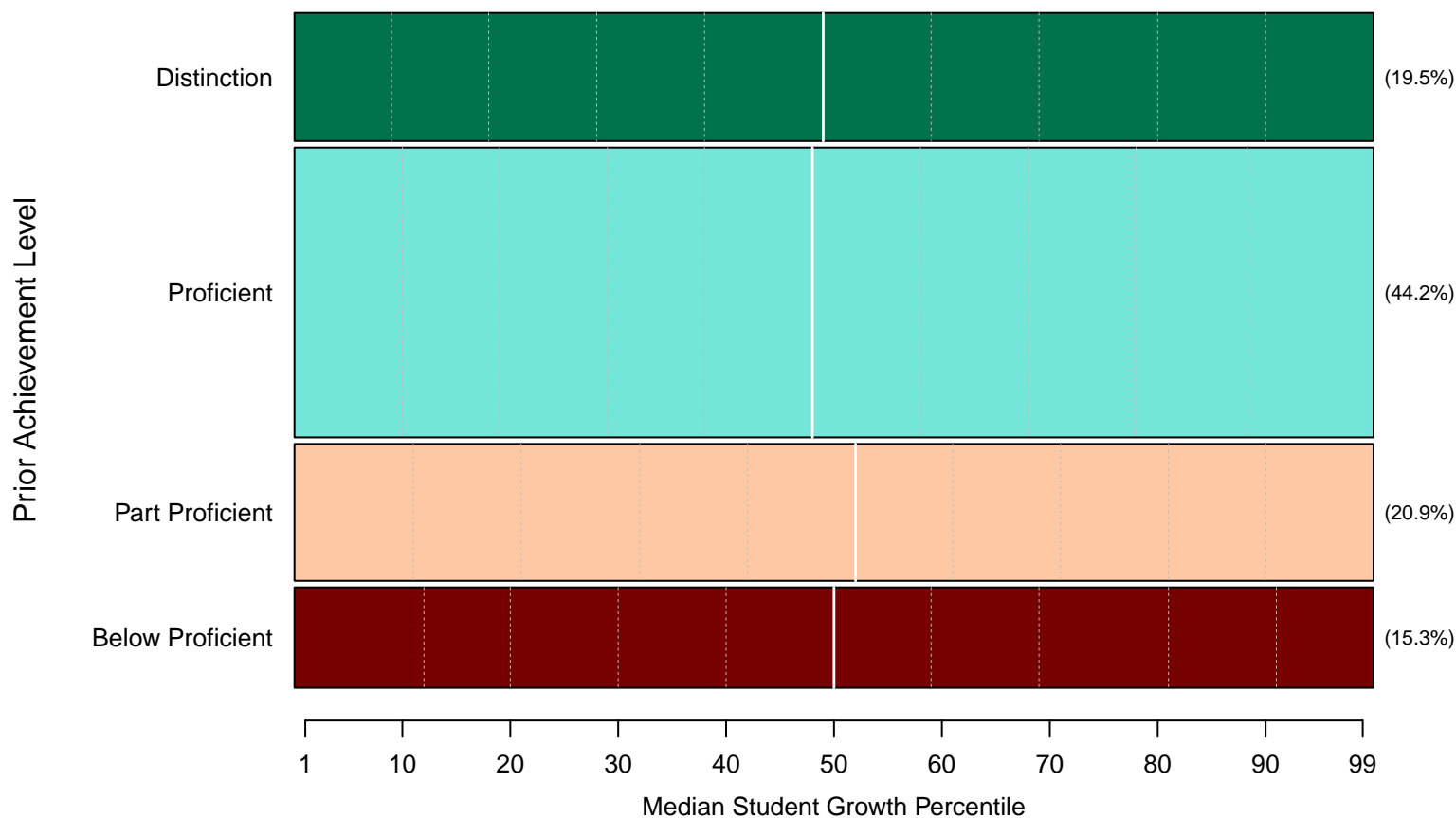


# Student Growth Percentile Goodness-of-Fit Descriptives

2008–2009 Mathematics SGP, Grade 8 (N = 14,962)

## SGP Deciles by Prior Achievement Level



### Student Growth Percentile Range

| Prior Scale Score Decile/Range * | Student Growth Percentile 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/[700,731)                    | 7.81                            | 10.77    | 11.92    | 8.35     | 11.52    | 10.64    | 10.10    | 7.41     | 9.83     | 11.65    | (9.9%)  |
| 2nd/[731,735)                    | 7.93                            | 12.25    | 8.56     | 11.26    | 8.65     | 11.08    | 8.83     | 10.90    | 9.91     | 10.63    | (7.4%)  |
| 3rd/[735,739)                    | 9.06                            | 9.42     | 8.60     | 9.77     | 10.70    | 10.06    | 9.59     | 11.23    | 10.94    | 10.64    | (11.4%) |
| 4th/[739,741)                    | 8.08                            | 9.25     | 9.16     | 11.22    | 10.68    | 10.95    | 11.76    | 8.89     | 9.78     | 10.23    | (7.4%)  |
| 5th/[741,744)                    | 7.95                            | 11.95    | 10.44    | 11.22    | 9.51     | 10.86    | 9.87     | 9.82     | 10.23    | 8.16     | (12.9%) |
| 6th/[744,746)                    | 9.31                            | 12.14    | 9.39     | 12.22    | 9.48     | 9.39     | 10.06    | 8.48     | 9.89     | 9.64     | (8%)    |
| 7th/[746,749)                    | 11.59                           | 9.73     | 10.60    | 9.73     | 9.18     | 11.54    | 9.51     | 9.95     | 9.18     | 9.01     | (12.2%) |
| 8th/[749,751)                    | 10.33                           | 10.63    | 10.73    | 11.12    | 10.14    | 9.06     | 9.94     | 10.14    | 8.56     | 9.35     | (6.8%)  |
| 9th/[751,756)                    | 9.51                            | 10.49    | 9.31     | 9.90     | 10.49    | 9.70     | 9.51     | 10.04    | 9.60     | 11.46    | (13.6%) |
| 10th/[756,780]                   | 11.70                           | 10.66    | 11.83    | 9.23     | 9.10     | 8.65     | 10.73    | 8.65     | 9.95     | 9.49     | (10.3%) |

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

### QQ-Plot: Student Growth Percentiles

