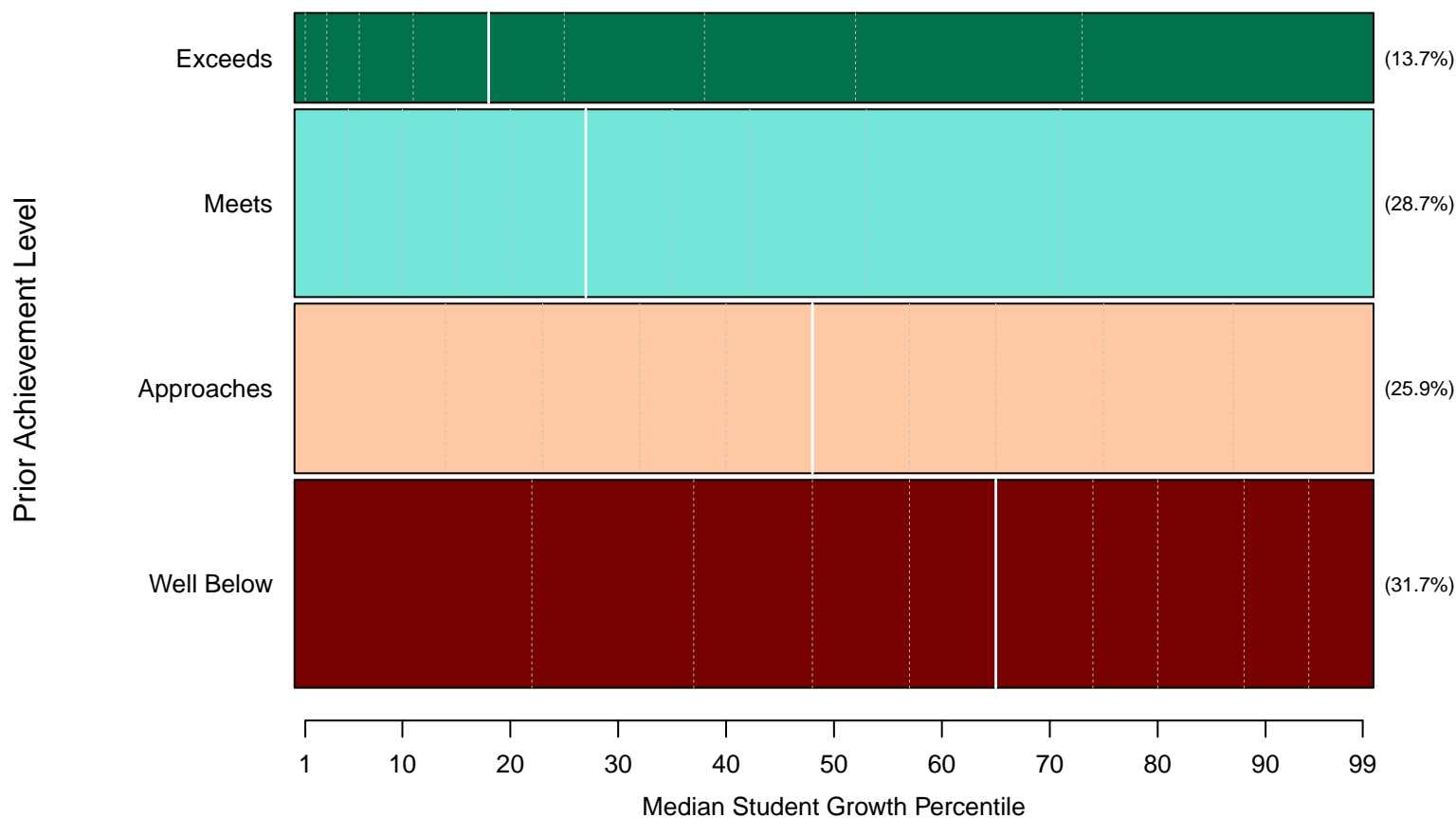


# Student Growth Percentile Goodness-of-Fit Descriptives

2011 Mathematics SGP, Grade 10 (N = 9,584)

## 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/[100,241]                    | 2.33                            | 5.12     | 4.42     | 5.00     | 8.02     | 9.88     | 11.86    | 13.49    | 17.21    | 22.67    | (9%)    |
| 2nd/[241,255]                    | 3.94                            | 5.34     | 5.72     | 7.12     | 6.48     | 12.45    | 12.33    | 14.87    | 14.87    | 16.90    | (8.2%)  |
| 3rd/[255,270]                    | 3.02                            | 5.15     | 6.03     | 9.23     | 12.51    | 11.98    | 12.95    | 10.83    | 12.95    | 15.35    | (11.8%) |
| 4th/[270,280]                    | 4.09                            | 6.74     | 10.47    | 12.52    | 12.88    | 10.59    | 10.71    | 8.54     | 11.55    | 11.91    | (8.7%)  |
| 5th/[280,293]                    | 5.90                            | 9.08     | 12.62    | 11.63    | 12.26    | 11.17    | 13.62    | 10.26    | 5.54     | 7.90     | (11.5%) |
| 6th/[293,302]                    | 6.48                            | 13.20    | 11.49    | 11.74    | 13.81    | 13.08    | 10.39    | 6.60     | 6.60     | 6.60     | (8.5%)  |
| 7th/[302,315]                    | 10.36                           | 16.67    | 14.30    | 13.12    | 14.99    | 11.14    | 7.50     | 4.24     | 3.85     | 3.85     | (10.6%) |
| 8th/[315,329]                    | 18.67                           | 20.43    | 18.28    | 12.12    | 8.50     | 7.43     | 3.81     | 3.52     | 4.30     | 2.93     | (10.7%) |
| 9th/[329,347]                    | 33.74                           | 19.33    | 12.18    | 11.28    | 5.25     | 4.80     | 4.36     | 3.35     | 3.24     | 2.46     | (9.3%)  |
| 10th/[347,467]                   | 35.82                           | 16.84    | 11.97    | 7.36     | 6.21     | 6.21     | 3.81     | 3.55     | 3.81     | 4.43     | (11.8%) |

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

### QQ-Plot: Student Growth Percentiles

