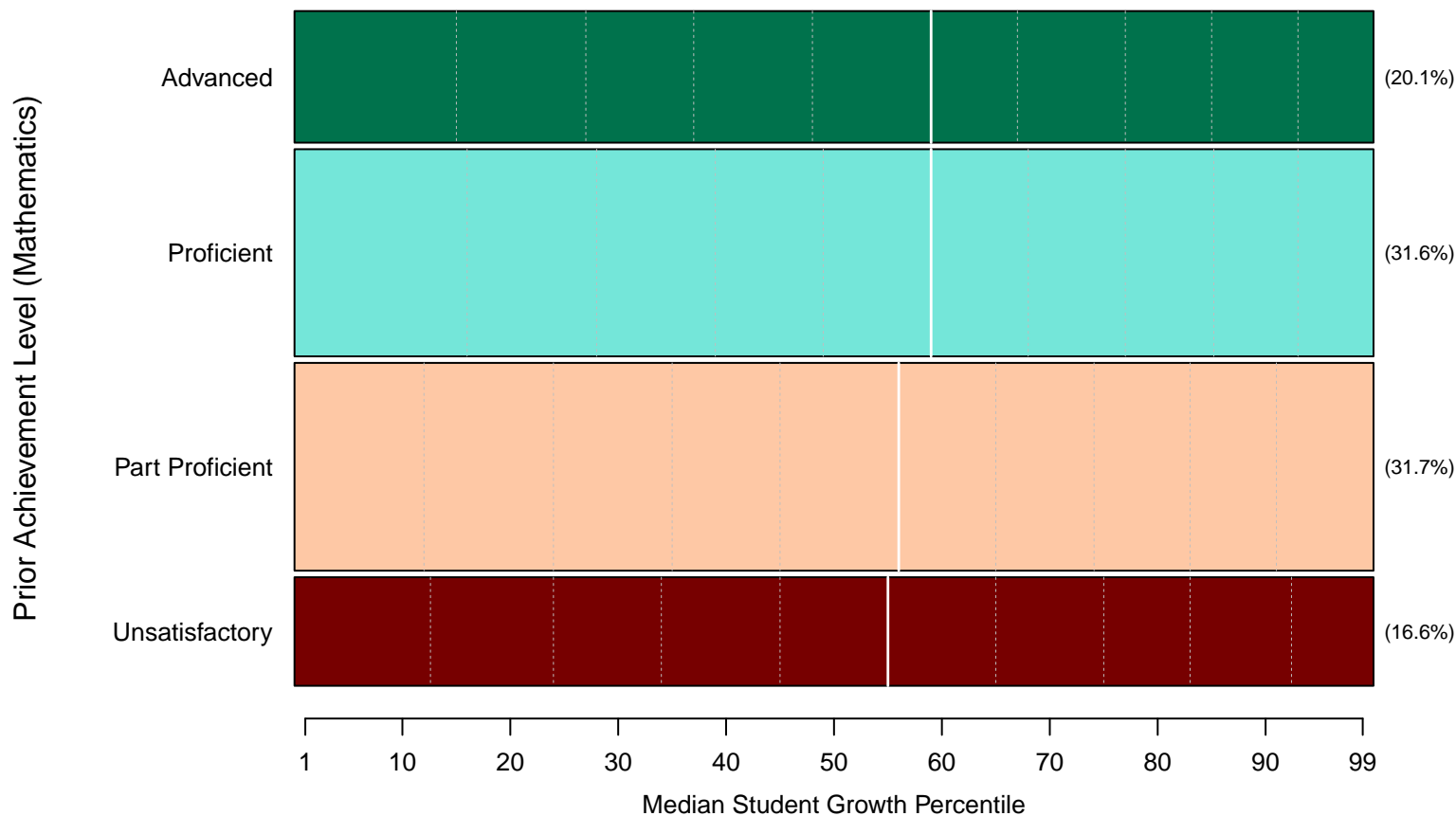


# Student Growth Percentile Goodness-of-Fit Descriptives

2011–2012 Mathematics SGP, Grade 9 (N = 4,206)

## 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/[310,500]                    | 8.89                            | 7.69     | 11.78    | 9.62     | 9.38     | 8.17     | 9.62     | 13.46    | 10.82    | 10.58    | (9.9%)  |
| 2nd/[500,529]                    | 8.33                            | 9.56     | 5.88     | 11.27    | 9.31     | 11.03    | 10.54    | 7.84     | 11.27    | 14.95    | (9.7%)  |
| 3rd/[529,548]                    | 5.71                            | 8.90     | 10.27    | 8.68     | 10.05    | 10.05    | 11.87    | 9.82     | 11.87    | 12.79    | (10.4%) |
| 4th/[548,564]                    | 8.35                            | 7.13     | 8.35     | 8.85     | 9.34     | 11.06    | 9.58     | 13.02    | 10.32    | 14.00    | (9.7%)  |
| 5th/[564,579]                    | 7.37                            | 10.07    | 6.39     | 9.58     | 10.57    | 8.35     | 12.04    | 13.76    | 12.04    | 9.83     | (9.7%)  |
| 6th/[579,594]                    | 3.81                            | 5.00     | 9.29     | 7.38     | 10.71    | 10.71    | 11.19    | 11.90    | 10.95    | 19.05    | (10%)   |
| 7th/[594,610]                    | 5.66                            | 7.92     | 8.82     | 11.31    | 8.37     | 8.37     | 9.95     | 11.76    | 15.84    | 11.99    | (10.5%) |
| 8th/[610,628]                    | 5.91                            | 8.04     | 8.75     | 8.98     | 9.69     | 12.06    | 10.64    | 12.53    | 11.11    | 12.29    | (10.1%) |
| 9th/[628,650]                    | 4.89                            | 10.76    | 8.56     | 9.05     | 8.31     | 9.78     | 11.25    | 11.00    | 12.71    | 13.69    | (9.7%)  |
| 10th/[650,791]                   | 4.82                            | 8.03     | 9.86     | 8.03     | 10.09    | 9.40     | 11.01    | 11.24    | 12.84    | 14.68    | (10.4%) |

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

### QQ-Plot: Student Growth Percentiles

