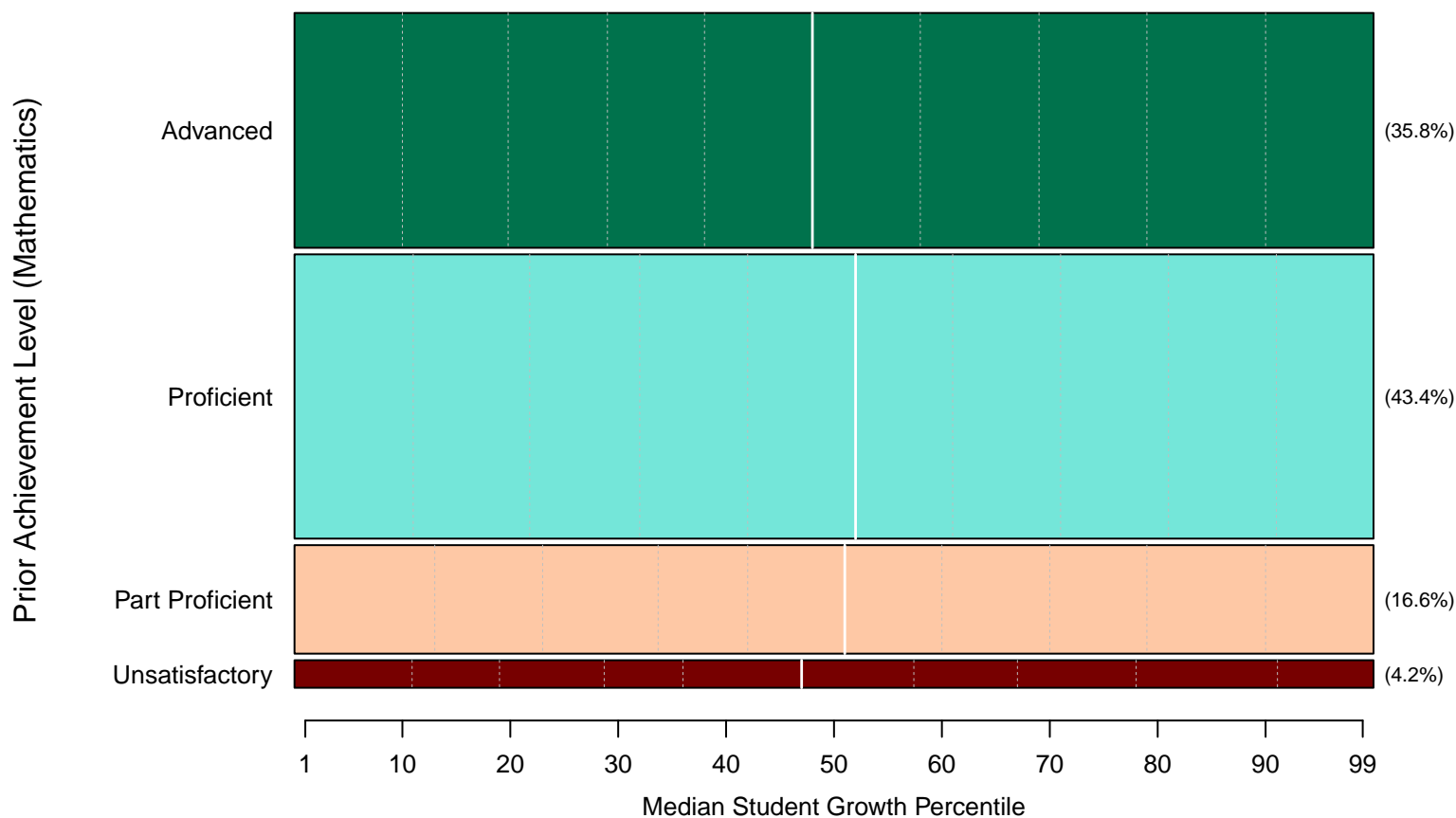


# Student Growth Percentile Goodness-of-Fit Descriptives

2009–2010 Mathematics SGP, Grade 4 (N = 4,045)

## 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/[150,379]                    | 7.46                            | 10.70    | 11.44    | 12.69    | 10.70    | 9.95     | 8.71     | 8.96     | 8.46     | 10.95    | (9.9%)  |
| 2nd/[379,417]                    | 8.89                            | 7.41     | 9.63     | 9.38     | 12.10    | 8.89     | 12.10    | 11.60    | 9.63     | 10.37    | (10%)   |
| 3rd/[417,443]                    | 6.75                            | 11.25    | 9.75     | 9.75     | 9.50     | 13.00    | 9.75     | 10.00    | 11.75    | 8.50     | (9.9%)  |
| 4th/[443,463]                    | 10.08                           | 8.56     | 8.82     | 10.08    | 10.33    | 10.08    | 8.31     | 11.59    | 9.57     | 12.59    | (9.8%)  |
| 5th/[463,483]                    | 7.21                            | 8.17     | 9.13     | 10.34    | 9.62     | 11.06    | 9.62     | 10.34    | 12.74    | 11.78    | (10.3%) |
| 6th/[483,501]                    | 8.10                            | 8.86     | 10.63    | 10.63    | 10.89    | 8.86     | 11.39    | 9.87     | 8.35     | 12.41    | (9.8%)  |
| 7th/[501,522]                    | 9.49                            | 11.19    | 9.00     | 11.68    | 9.73     | 10.95    | 8.76     | 9.00     | 9.73     | 10.46    | (10.2%) |
| 8th/[522,547]                    | 9.58                            | 11.06    | 9.09     | 12.53    | 9.83     | 6.63     | 11.06    | 10.81    | 8.85     | 10.57    | (10.1%) |
| 9th/[547,590]                    | 10.55                           | 10.55    | 10.55    | 9.80     | 11.31    | 9.05     | 9.30     | 10.80    | 8.54     | 9.55     | (9.8%)  |
| 10th/[590,700]                   | 7.73                            | 9.66     | 11.35    | 10.14    | 11.11    | 11.59    | 10.14    | 10.39    | 8.70     | 9.18     | (10.2%) |

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

### QQ-Plot: Student Growth Percentiles

