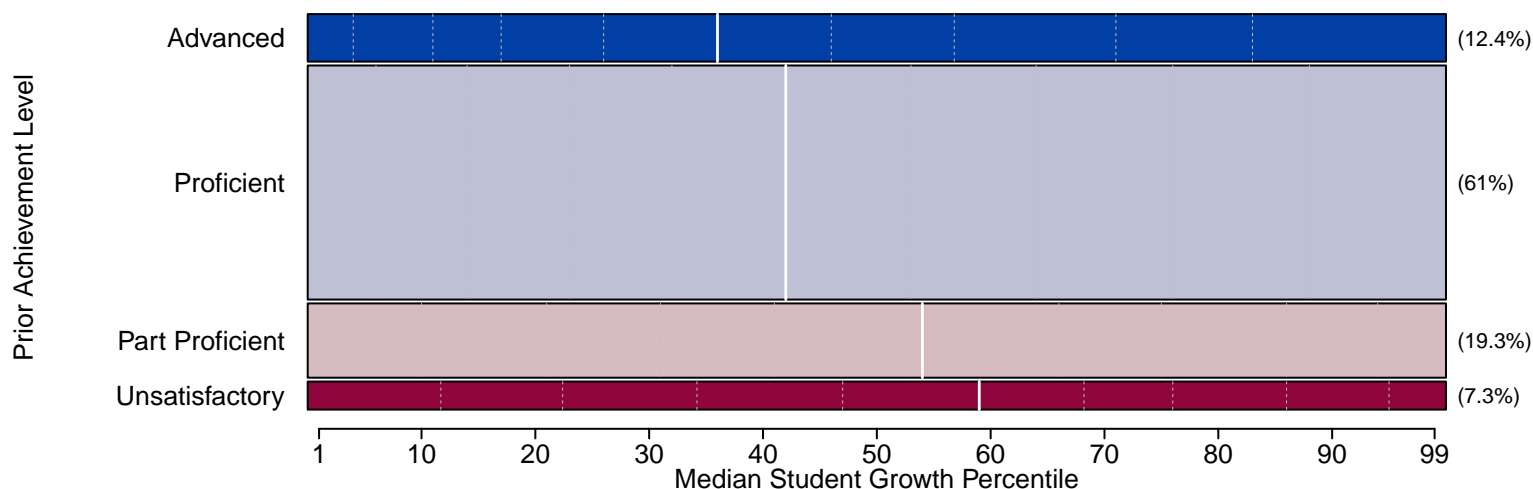


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Reading SGP SIMEX, Grade 9 (N = 4,078)

## SGP Deciles by Prior Achievement Level (Reading)



## Ceiling / Floor Effects Test

|   |              | Student Growth Percentile Range |        |          |          |          |          |          |          |          |          |          |          |        |
|---|--------------|---------------------------------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|   |              | 1 to 5                          | 5 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 94 | 95 to 99 |        |
| Current Observed Score Extremes (Range) | Lowest OSS:  | [350,516]                       | 66.7   | 8.3      | 12.5     | 12.5     | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | N = 24 |
|   |              | [516,548]                       | 23.1   | 11.5     | 19.2     | 11.5     | 15.4     | 3.8      | 7.7      | 0.0      | 3.8      | 3.8      | 0.0      | N = 26 |
|   | Highest OSS: | [767,774]                       | 0.0    | 0.0      | 0.0      | 16.0     | 4.0      | 20.0     | 4.0      | 4.0      | 32.0     | 12.0     | 4.0      | N = 25 |
|   |              | [774,888]                       | 0.0    | 0.0      | 0.0      | 0.0      | 0.0      | 11.5     | 3.8      | 0.0      | 15.4     | 15.4     | 23.1     | N = 26 |

## Student Growth Percentile Range

| Prior 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/[330,589]             | 8.42                            | 7.92     | 9.90     | 8.91     | 8.66     | 8.42     | 9.90     | 11.88    | 8.91     | 17.08    | (9.9%)  |
| 2nd/[589,618]             | 8.75                            | 7.75     | 11.50    | 10.00    | 6.75     | 7.75     | 8.50     | 10.75    | 13.75    | 14.50    | (9.8%)  |
| 3rd/[618,636]             | 10.61                           | 9.34     | 9.85     | 9.85     | 9.60     | 9.09     | 10.61    | 10.35    | 7.83     | 12.88    | (9.7%)  |
| 4th/[636,652]             | 12.05                           | 9.88     | 12.53    | 9.64     | 11.81    | 6.02     | 6.99     | 9.64     | 10.36    | 11.08    | (10.2%) |
| 5th/[652,667]             | 13.94                           | 10.27    | 11.74    | 10.51    | 9.29     | 10.27    | 6.60     | 9.29     | 7.82     | 10.27    | (10%)   |
| 6th/[667,682]             | 15.00                           | 10.24    | 12.62    | 8.10     | 10.71    | 6.43     | 8.10     | 9.52     | 9.52     | 9.76     | (10.3%) |
| 7th/[682,695]             | 13.11                           | 11.57    | 11.05    | 8.74     | 13.37    | 10.03    | 9.25     | 7.97     | 7.71     | 7.20     | (9.5%)  |
| 8th/[695,710]             | 15.18                           | 13.98    | 11.81    | 8.92     | 10.84    | 8.92     | 7.47     | 8.19     | 4.82     | 9.88     | (10.2%) |
| 9th/[710,730]             | 18.18                           | 12.04    | 12.04    | 10.07    | 7.86     | 7.62     | 8.35     | 10.81    | 7.62     | 5.41     | (10%)   |
| 10th/[730,883]            | 19.15                           | 14.42    | 11.82    | 9.46     | 11.82    | 6.62     | 7.57     | 7.80     | 5.20     | 6.15     | (10.4%) |

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

## QQ-Plot: Student Growth Percentiles

