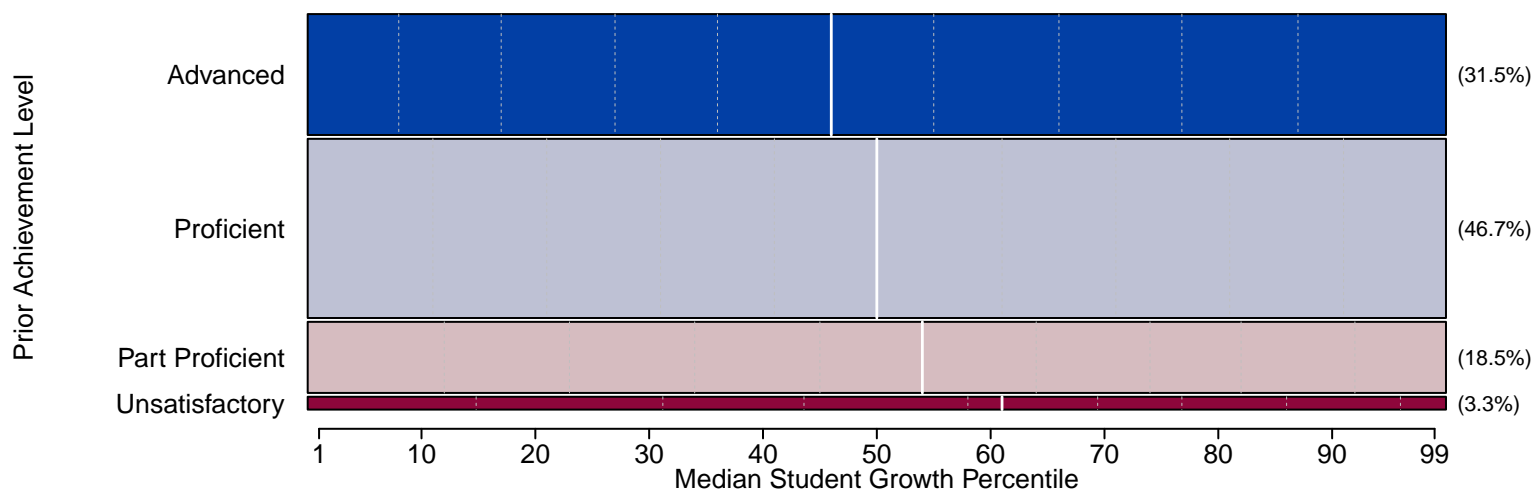


Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX Ranked, Grade 5 (N = 4,040)

SGP Deciles by Prior Achievement Level (Mathematics)



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: | [220,342] | 30.4 | 13.0 | 8.7 | 8.7 | 8.7 | 0.0 | 13.0 | 8.7 | 8.7 | 0.0 | 0.0 | 0.0 | N = 23 |
| | | [342,368] | 29.6 | 3.7 | 33.3 | 3.7 | 3.7 | 3.7 | 7.4 | 7.4 | 7.4 | 0.0 | 0.0 | 0.0 | N = 27 |
| | Highest OSS: | [712,766] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 | 32.0 | 36.0 | 20.0 | N = 25 |
| | | [766,800] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.5 | 19.2 | 69.2 | N = 26 |

Student Growth Percentile 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 | |
| Prior Scale Score Decile/Range* | 1st/[212,421] | 5.71 | 7.94 | 8.68 | 8.68 | 6.45 | 12.41 | 10.92 | 12.41 | 11.41 | 15.38 | (10%) |
| | 2nd/[421,450] | 9.05 | 10.80 | 8.29 | 11.06 | 10.05 | 9.55 | 10.30 | 8.29 | 9.05 | 13.57 | (9.9%) |
| | 3rd/[450,471] | 7.87 | 7.36 | 9.14 | 11.42 | 10.66 | 10.66 | 9.14 | 12.18 | 9.39 | 12.18 | (9.8%) |
| | 4th/[471,488] | 8.73 | 7.48 | 9.73 | 9.98 | 10.22 | 8.73 | 11.47 | 9.23 | 12.22 | 12.22 | (9.9%) |
| | 5th/[488,506] | 9.46 | 12.77 | 9.22 | 8.98 | 10.17 | 8.04 | 10.64 | 10.64 | 10.17 | 9.93 | (10.5%) |
| | 6th/[506,522] | 8.65 | 8.91 | 9.41 | 12.21 | 11.45 | 8.65 | 10.43 | 10.69 | 8.91 | 10.69 | (9.7%) |
| | 7th/[522,540] | 8.84 | 10.61 | 11.11 | 11.62 | 8.33 | 10.10 | 10.86 | 9.09 | 10.86 | 8.59 | (9.8%) |
| | 8th/[540,561] | 11.41 | 14.14 | 10.17 | 8.68 | 10.67 | 11.91 | 6.95 | 5.46 | 11.66 | 8.93 | (10%) |
| | 9th/[561,592] | 12.20 | 8.85 | 10.77 | 9.57 | 9.33 | 9.57 | 11.24 | 11.72 | 8.61 | 8.13 | (10.3%) |
| | 10th/[592,780] | 11.19 | 10.22 | 10.71 | 8.03 | 12.65 | 12.17 | 9.49 | 9.98 | 8.52 | 7.06 | (10.2%) |

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

QQ-Plot: Student Growth Percentiles

