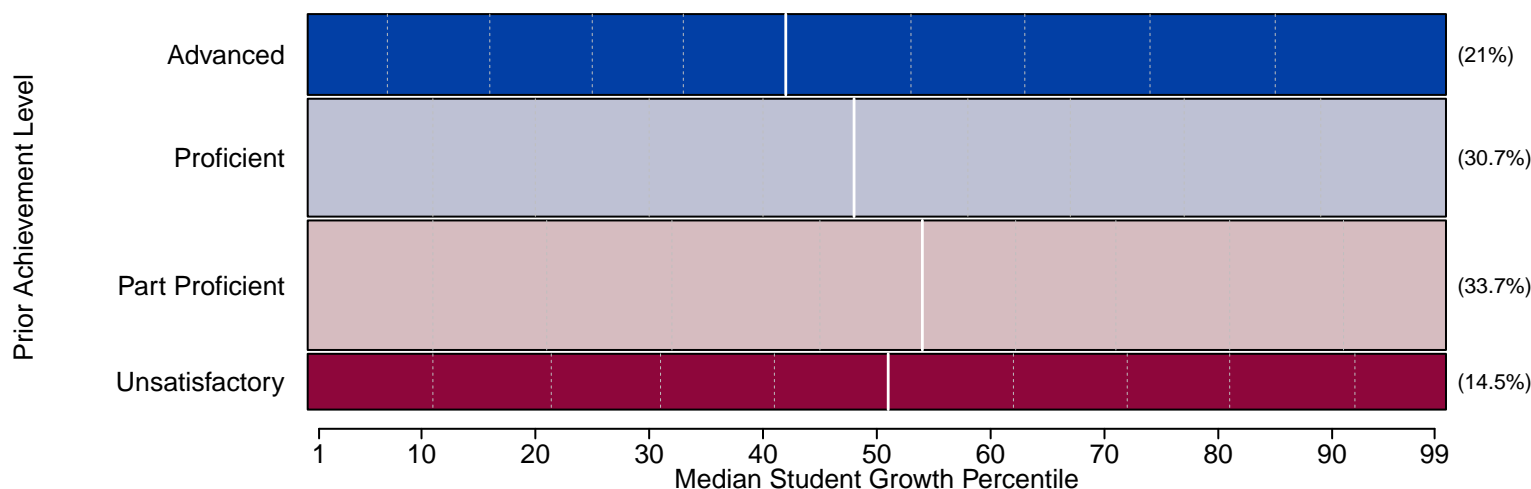


Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP, Grade 8 (N = 4,219)

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: | [310,385] | 44.0 | 24.0 | 16.0 | 12.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N = 25 |
| | | [385,416] | 20.0 | 12.0 | 8.0 | 24.0 | 28.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | N = 25 |
| | Highest OSS: | [696,706] | 0.0 | 0.0 | 0.0 | 0.0 | 4.8 | 4.8 | 14.3 | 19.0 | 4.8 | 33.3 | 9.5 | N = 21 |
| | | [706,791] | 0.0 | 0.0 | 3.3 | 6.7 | 6.7 | 3.3 | 0.0 | 3.3 | 13.3 | 20.0 | 20.0 | N = 30 |

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/[280,467] | 8.23 | 8.96 | 11.62 | 9.93 | 10.65 | 11.14 | 10.17 | 9.93 | 8.47 | 10.90 | (9.8%) |
| 2nd/[467,502] | 8.06 | 9.00 | 8.06 | 9.95 | 9.24 | 8.53 | 10.66 | 10.90 | 12.32 | 13.27 | (10%) |
| 3rd/[502,526] | 7.60 | 9.74 | 8.31 | 9.03 | 8.55 | 11.64 | 12.83 | 12.11 | 9.03 | 11.16 | (10%) |
| 4th/[526,544] | 9.72 | 8.80 | 8.56 | 9.26 | 11.57 | 9.72 | 13.43 | 9.03 | 7.87 | 12.04 | (10.2%) |
| 5th/[544,561] | 7.94 | 11.66 | 10.67 | 6.95 | 11.17 | 10.67 | 7.69 | 10.42 | 9.68 | 13.15 | (9.6%) |
| 6th/[561,577] | 8.77 | 9.72 | 11.14 | 10.43 | 13.98 | 6.64 | 11.14 | 8.77 | 10.43 | 9.00 | (10%) |
| 7th/[577,595] | 10.05 | 9.59 | 9.82 | 9.59 | 11.42 | 10.50 | 10.73 | 9.36 | 7.76 | 11.19 | (10.4%) |
| 8th/[595,616] | 8.35 | 10.98 | 11.93 | 10.26 | 11.93 | 9.31 | 12.65 | 10.02 | 8.35 | 6.21 | (9.9%) |
| 9th/[616,643] | 9.84 | 11.01 | 11.94 | 9.84 | 9.60 | 9.37 | 8.43 | 10.77 | 12.18 | 7.03 | (10.1%) |
| 10th/[643,860] | 15.17 | 11.85 | 10.90 | 14.22 | 9.95 | 9.00 | 9.48 | 7.58 | 7.82 | 4.03 | (10%) |

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

QQ-Plot: Student Growth Percentiles

