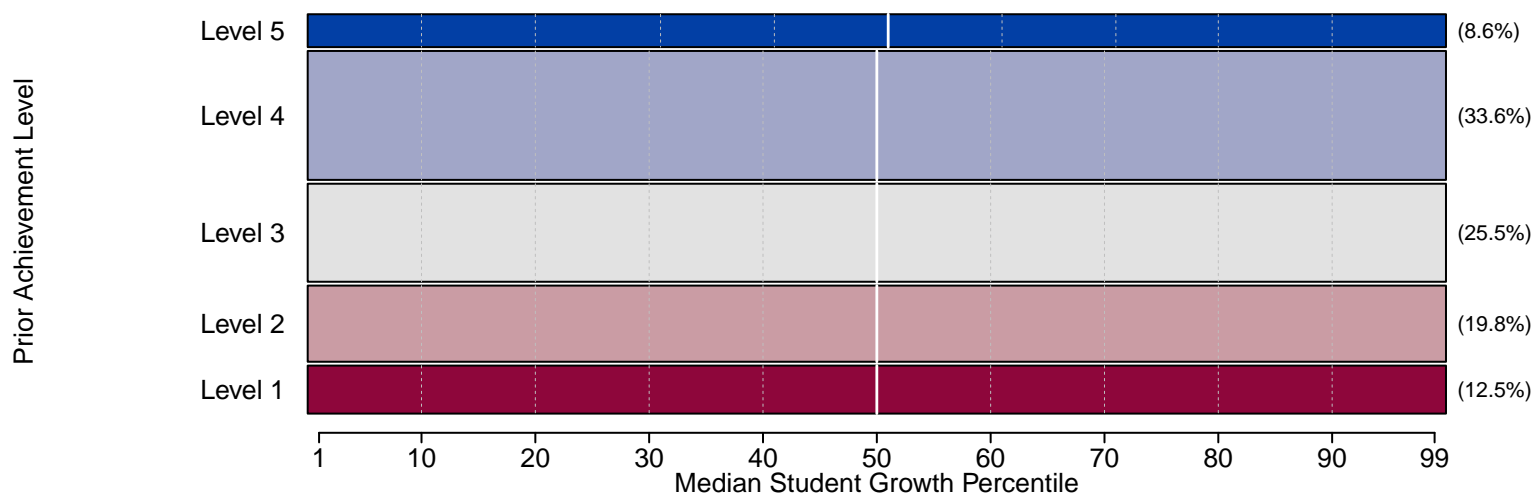


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Mathematics SGP, Grade 4 (N = 402,745)

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: | | | | | | | | | | | | | N = 48 |
| | [-15] | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | (-15,-4.58] | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N = 15 |
| | Highest OSS: | | | | | | | | | | | | | N = 17 |
| | [4.92,4.99] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | [4.99,15] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N = 42 |

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/[-15,-1.54] | 9.27 | 10.23 | 9.87 | 9.80 | 10.28 | 10.17 | 9.86 | 10.16 | 9.95 | 10.42 | (10%) |
| 2nd/[-1.54,-1.08] | 9.68 | 9.55 | 9.98 | 10.18 | 9.79 | 9.87 | 10.11 | 10.06 | 10.03 | 10.75 | (10%) |
| 3rd/[-1.08,-0.713] | 9.69 | 10.20 | 10.23 | 10.19 | 9.93 | 9.93 | 10.01 | 9.36 | 10.15 | 10.31 | (9.9%) |
| 4th/[-0.713,-0.394] | 9.60 | 10.11 | 10.18 | 9.89 | 9.83 | 10.23 | 9.67 | 10.29 | 9.87 | 10.35 | (9.9%) |
| 5th/[-0.394,-0.0803] | 9.50 | 9.96 | 9.92 | 10.04 | 10.17 | 9.62 | 10.36 | 10.24 | 9.69 | 10.51 | (10.1%) |
| 6th/[-0.0803,0.21] | 9.02 | 9.93 | 9.52 | 9.87 | 10.24 | 10.49 | 9.86 | 9.72 | 10.58 | 10.76 | (10.1%) |
| 7th/[0.21,0.518] | 9.45 | 9.71 | 10.71 | 9.54 | 9.66 | 9.91 | 9.82 | 10.93 | 9.51 | 10.75 | (10%) |
| 8th/[0.518,0.837] | 9.96 | 10.23 | 9.61 | 10.54 | 10.01 | 9.92 | 10.32 | 9.04 | 10.14 | 10.23 | (9.7%) |
| 9th/[0.837,1.31] | 9.75 | 10.33 | 10.04 | 10.21 | 10.14 | 9.68 | 9.91 | 9.96 | 9.99 | 10.00 | (10.1%) |
| 10th/[1.31,15] | 9.22 | 9.71 | 10.05 | 9.70 | 10.01 | 10.27 | 9.94 | 10.23 | 10.04 | 10.83 | (10.3%) |

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

QQ-Plot: Student Growth Percentiles

