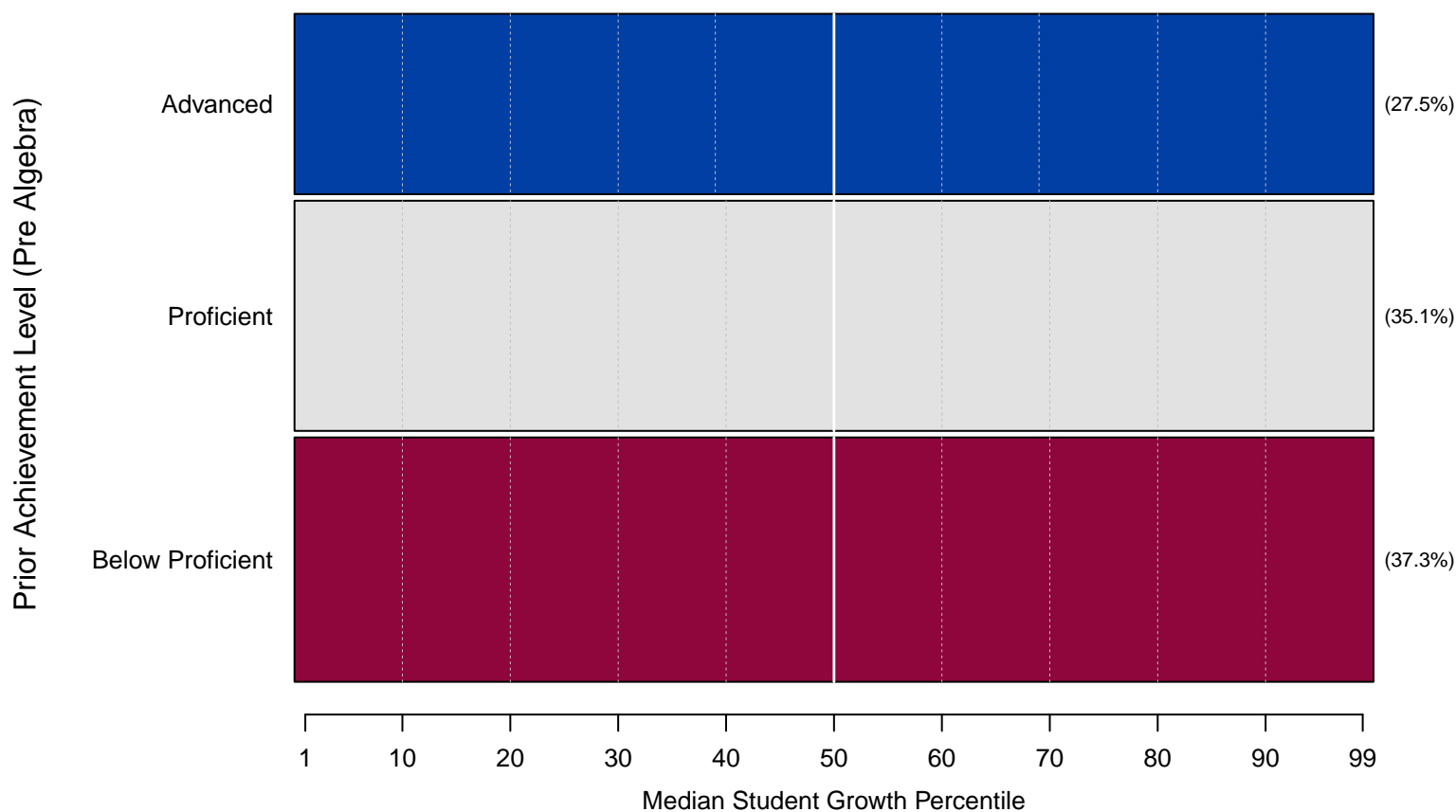# Student Growth Percentile Goodness–of–Fit Descriptives

## 2014 Sec Math II SGP, Grade EOCT (N = 8,372)

### SGP Deciles by Prior Achievement Level



Prior Achievement Level (Pre Algebra):
- Advanced (27.5%)
- Proficient (35.1%)
- Below Proficient (37.3%)

Median Student Growth Percentile

### Student Growth Percentile Range

| Prior Scale Score Decile/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/[130,150) | 8.99 | 11.95 | 8.32 | 10.47 | 11.01 | 9.40 | 9.93 | 9.66 | 9.66 | 10.60 | (8.9%) |
| 2nd/[150,154) | 12.06 | 7.11 | 11.13 | 8.96 | 9.89 | 9.27 | 10.82 | 10.66 | 10.36 | 9.74 | (7.7%) |
| 3rd/[154,157) | 9.38 | 10.42 | 9.90 | 9.11 | 9.38 | 11.33 | 9.11 | 10.42 | 10.29 | 10.68 | (9.2%) |
| 4th/[157,160) | 8.40 | 11.00 | 9.44 | 11.72 | 9.85 | 9.34 | 9.96 | 9.13 | 10.68 | 10.48 | (11.5%) |
| 5th/[160,162) | 8.39 | 12.05 | 10.38 | 9.85 | 9.33 | 11.53 | 10.17 | 10.17 | 8.18 | 9.96 | (11.4%) |
| 6th/[162,164) | 10.46 | 9.01 | 9.80 | 10.20 | 10.20 | 9.40 | 9.80 | 9.80 | 11.26 | 10.07 | (9%) |
| 7th/[164,167) | 11.84 | 7.08 | 10.62 | 9.04 | 10.87 | 8.30 | 10.62 | 10.50 | 9.52 | 11.60 | (9.8%) |
| 8th/[167,169) | 8.77 | 10.60 | 8.40 | 10.11 | 10.48 | 9.99 | 10.96 | 9.14 | 11.33 | 10.23 | (9.8%) |
| 9th/[169,174) | 9.15 | 10.97 | 11.17 | 10.56 | 9.36 | 11.07 | 8.65 | 10.56 | 8.25 | 10.26 | (11.9%) |
| 10th/[174,199] | 10.17 | 9.61 | 9.94 | 9.39 | 10.17 | 9.72 | 10.50 | 9.61 | 11.16 | 9.72 | (10.8%) |

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

### QQ–Plot: Student Growth Percentiles



Theoretical SGP Distribution

Empirical SGP Distribution