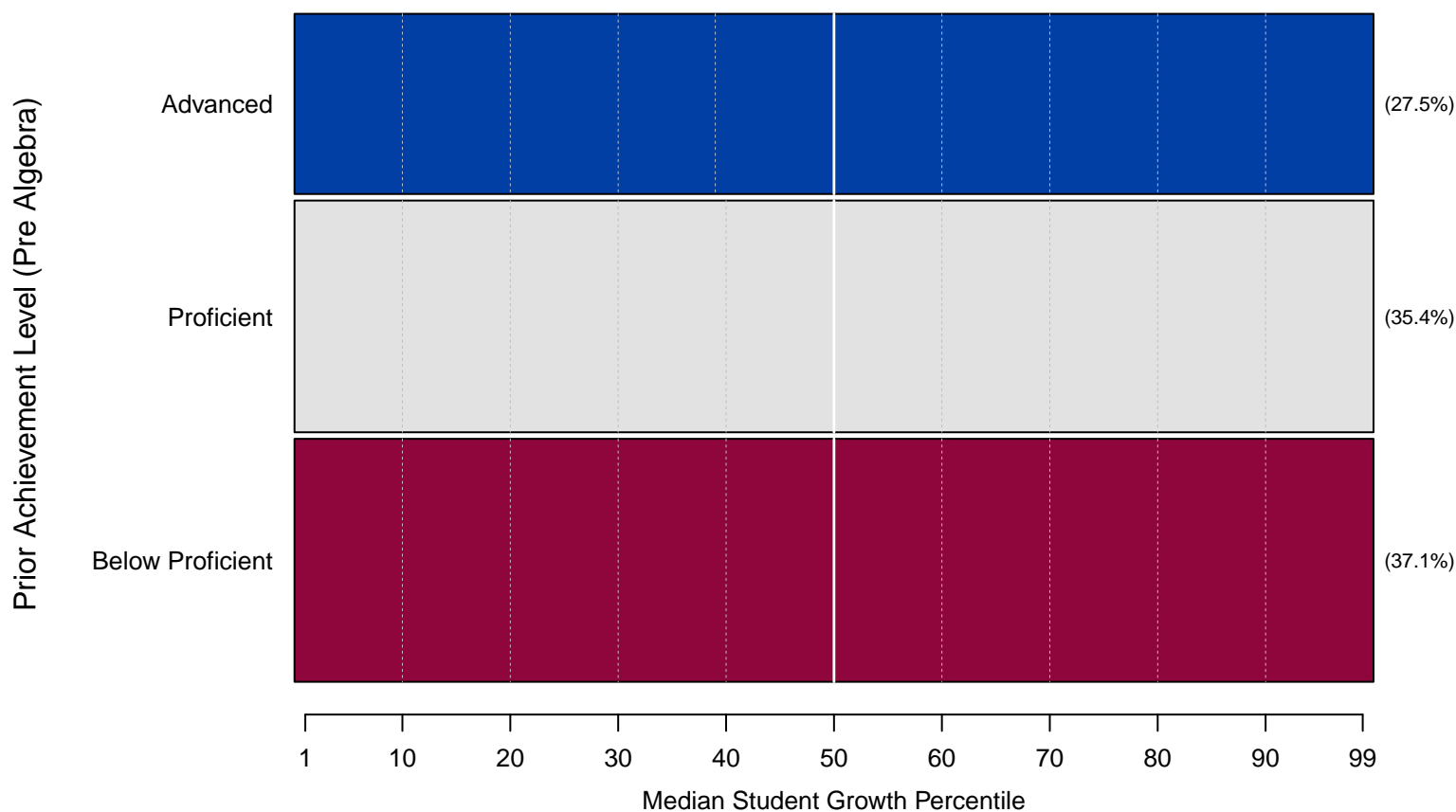# Student Growth Percentile Goodness–of–Fit Descriptives

2014 Sec Math II SGP, Grade EOCT (N = 8,803)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

Advanced	(27.5%)
Proficient	(35.4%)
Below Proficient	(37.1%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

Student Growth Percentile Range

Prior Scale Score Decile/Range *

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)	9.03	11.58	8.78	10.05	11.20	9.29	10.05	9.80	9.54	10.69	(8.9%)
2nd/[150,154)	12.14	7.35	11.09	9.30	9.15	9.90	10.04	11.09	10.64	9.30	(7.6%)
3rd/[154,157)	9.78	10.40	9.90	8.54	9.90	10.89	9.53	10.15	9.78	11.14	(9.2%)
4th/[157,160)	8.46	10.75	8.96	12.04	9.75	10.25	9.45	9.15	10.85	10.35	(11.4%)
5th/[160,162)	8.31	11.67	10.58	9.89	9.20	10.68	10.78	10.39	8.41	10.09	(11.5%)
6th/[162,164)	10.10	9.22	9.97	10.10	10.23	9.47	9.22	10.35	10.98	10.35	(9%)
7th/[164,167)	11.70	7.73	10.45	9.43	11.02	8.30	10.80	10.11	9.43	11.02	(10%)
8th/[167,169)	8.72	10.58	8.72	9.53	10.00	10.47	11.05	8.95	11.28	10.70	(9.8%)
9th/[169,174)	9.11	10.63	10.82	10.82	9.30	11.20	8.44	11.01	8.73	9.96	(12%)
10th/[174,199]	10.11	10.00	9.36	10.11	10.11	9.36	10.43	9.89	10.53	10.11	(10.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100