Student Growth Percentile Goodness–of–Fit Descriptives
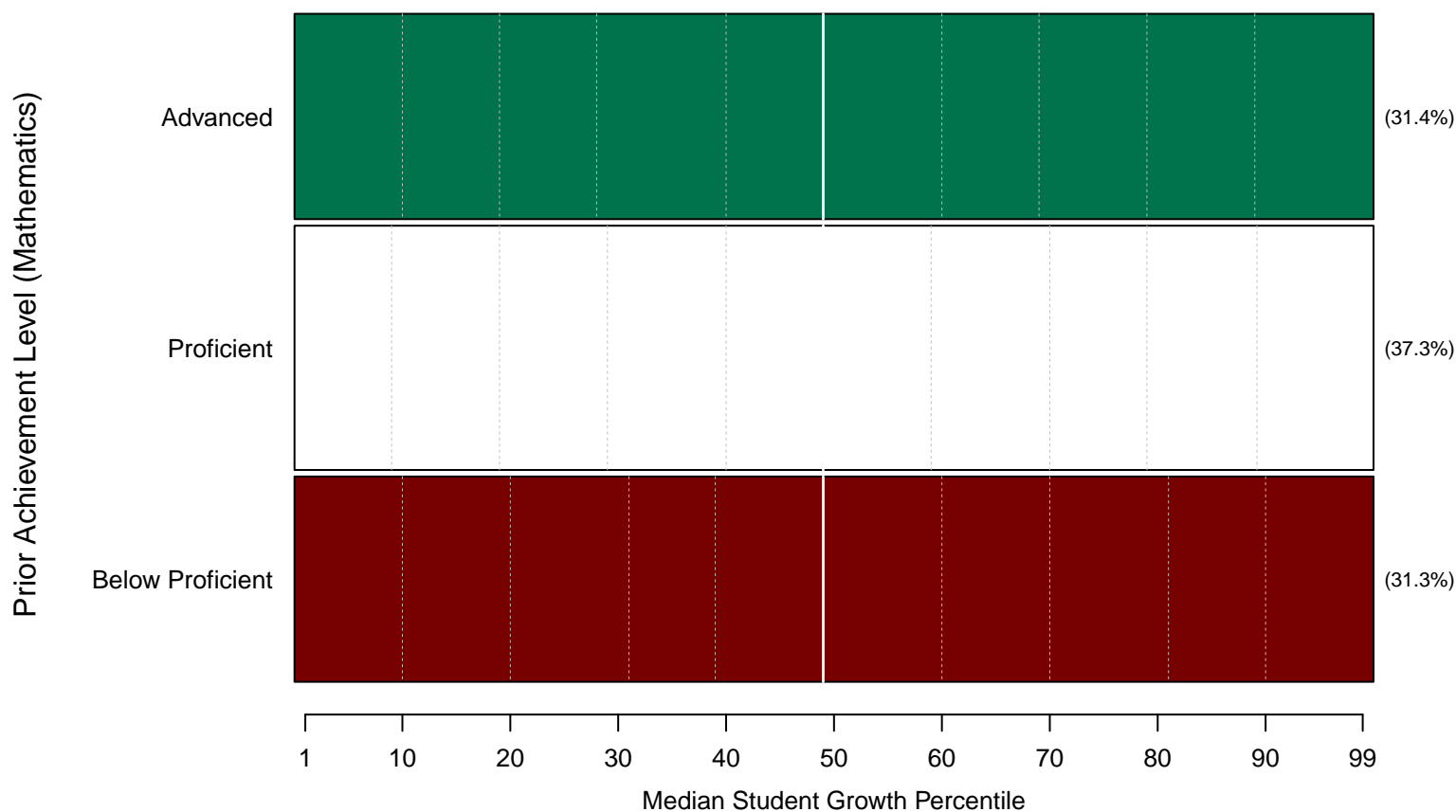## 2012 Pre Algebra SGP, Grade EOCT (N = 14,260)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Advanced	(31.4%)
Proficient	(37.3%)
Below Proficient	(31.3%)

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

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/[130,151)	9.90	11.15	9.51	8.57	10.83	10.21	10.52	9.66	8.96	10.68	(9%)
2nd/[151,156)	10.01	8.99	9.60	12.87	6.95	10.97	8.72	11.04	10.90	9.95	(10.3%)
3rd/[156,159)	8.97	9.05	11.14	10.98	10.75	7.27	12.99	7.50	11.29	10.05	(9.1%)
4th/[159,161)	9.74	11.89	11.81	7.18	15.32	6.94	5.59	12.93	7.34	11.25	(8.8%)
5th/[161,164)	9.60	10.10	11.75	5.87	11.17	9.38	13.90	8.95	11.17	8.09	(9.8%)
6th/[164,166)	11.26	8.77	10.64	7.04	8.98	12.22	10.43	9.74	10.36	10.57	(10.2%)
7th/[166,169)	10.68	9.22	7.34	16.20	10.01	10.44	5.28	10.01	9.95	10.86	(11.6%)
8th/[169,172)	10.52	8.99	13.26	6.88	12.30	5.86	15.17	5.93	12.87	8.22	(11%)
9th/[172,176)	7.80	12.58	8.54	9.64	6.70	15.82	6.55	13.76	6.92	11.70	(9.5%)
10th/[176,199)	11.28	9.79	10.95	8.30	12.44	7.32	11.08	10.37	9.66	8.81	(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