Student Growth Percentile Goodness–of–Fit Descriptives
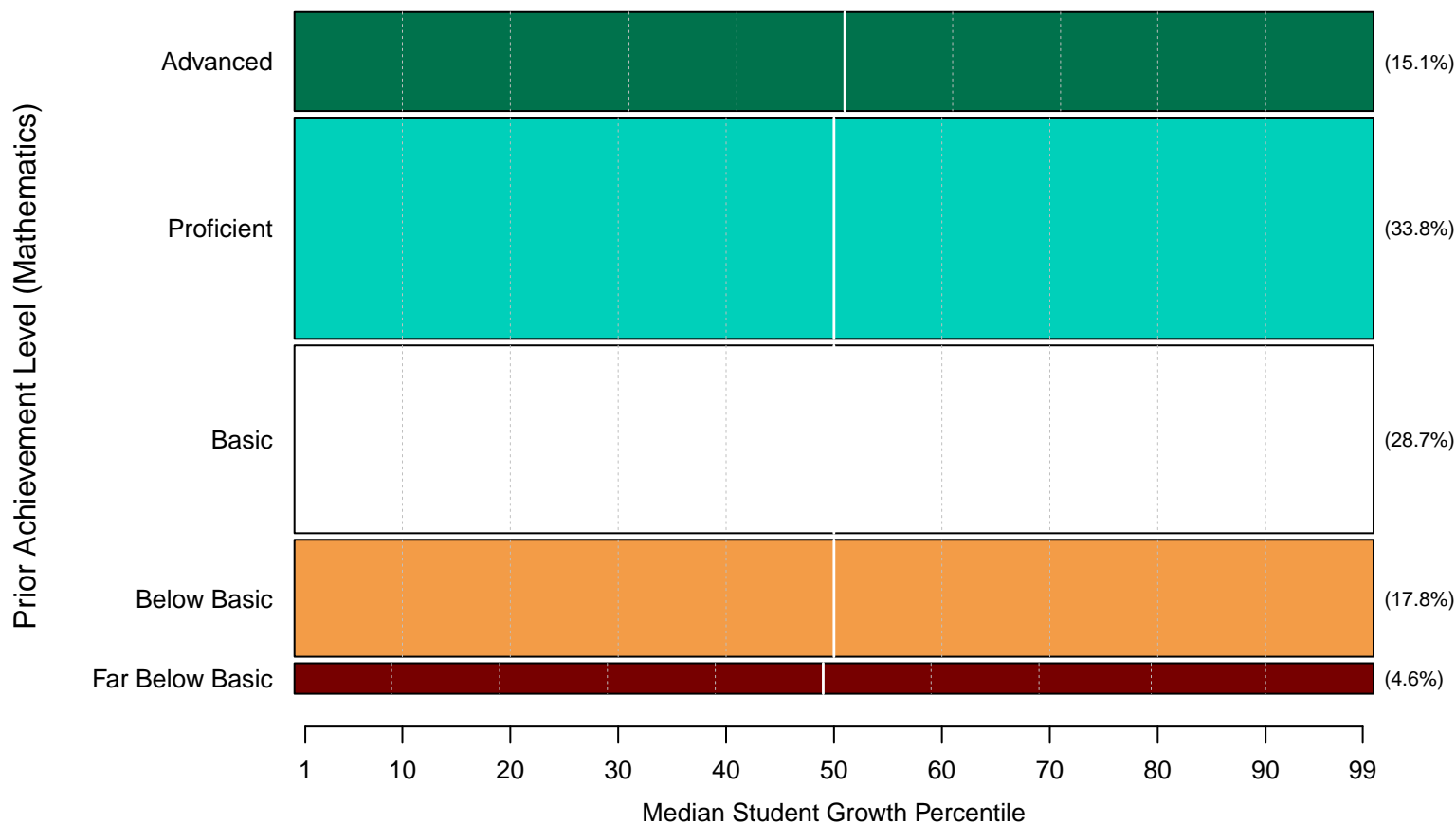## 2012 Algebra I SGP, Grade EOCT (N = 24,103)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	%
Advanced	(15.1%)
Proficient	(33.8%)
Basic	(28.7%)
Below Basic	(17.8%)
Far Below Basic	(4.6%)

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/[150,272)	9.72	10.14	10.04	10.14	9.81	10.28	9.72	10.23	9.90	10.04	(8.9%)
2nd/[272,294)	9.49	9.70	9.57	10.05	10.88	10.27	9.75	9.70	9.83	10.75	(9.5%)
3rd/[294,315)	9.66	10.23	10.46	9.92	9.54	9.08	10.61	9.96	9.66	10.88	(10.9%)
4th/[315,331)	8.92	10.23	9.97	10.36	9.44	10.94	9.53	10.01	10.63	9.97	(9.4%)
5th/[331,348)	10.15	8.93	10.78	10.19	10.36	9.94	10.15	10.11	10.15	9.23	(9.9%)
6th/[348,365)	8.92	10.43	9.81	9.62	9.35	10.24	10.12	10.20	10.24	11.09	(10.7%)
7th/[365,379)	10.46	9.96	9.51	9.66	11.10	9.12	10.21	9.12	9.51	11.35	(8.4%)
8th/[379,401)	9.05	11.22	9.59	10.09	9.67	10.01	9.59	10.63	9.72	10.43	(9.9%)
9th/[401,435)	10.01	9.37	10.77	10.12	10.12	10.16	10.16	9.19	10.05	10.05	(11.5%)
10th/[435,600]	9.38	9.84	9.49	10.18	9.80	9.92	10.11	10.49	10.26	10.53	(10.8%)

*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