Student Growth Percentile Goodness–of–Fit Descriptives
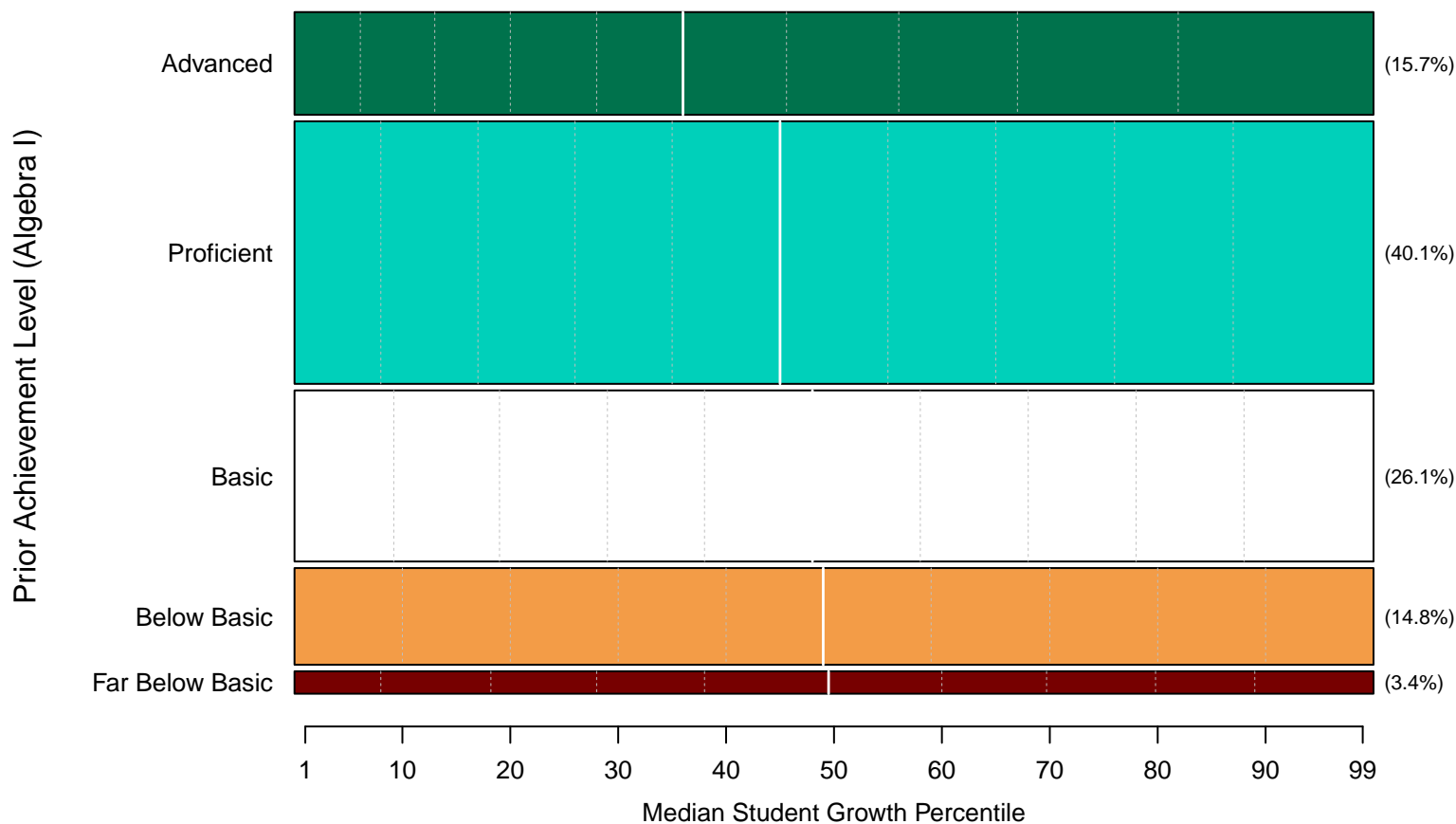## 2012 Geometry SGP, Grade EOCT (N = 8,248)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percent
Advanced	(15.7%)
Proficient	(40.1%)
Basic	(26.1%)
Below Basic	(14.8%)
Far Below Basic	(3.4%)

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/[176,279)	9.97	10.11	9.71	9.71	10.64	9.97	10.24	9.57	10.37	9.71	(9.1%)
2nd/[279,304)	10.31	9.91	10.17	10.58	9.37	9.50	9.37	10.17	10.17	10.44	(9.1%)
3rd/[304,323)	9.38	10.14	10.65	9.89	10.65	10.90	10.01	10.65	9.00	8.75	(9.6%)
4th/[323,342)	8.22	10.78	10.11	10.67	10.11	8.44	11.56	10.56	10.78	8.78	(10.9%)
5th/[342,356)	12.28	10.95	10.95	10.41	8.95	10.41	9.48	8.54	8.01	10.01	(9.1%)
6th/[356,376)	12.57	10.99	10.30	10.30	10.40	10.00	8.91	8.22	10.10	8.22	(12.2%)
7th/[376,392)	10.29	10.56	10.15	11.80	10.97	11.11	9.74	8.50	9.60	7.27	(8.8%)
8th/[392,416)	11.68	12.03	11.68	10.08	10.54	9.51	10.08	9.85	6.64	7.90	(10.6%)
9th/[416,454)	12.79	13.25	10.37	11.06	9.68	10.02	8.53	10.25	7.83	6.22	(10.5%)
10th/[454,600]	16.00	14.32	14.68	12.15	10.59	7.94	7.82	6.98	5.42	4.09	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution