Student Growth Percentile Goodness–of–Fit Descriptives
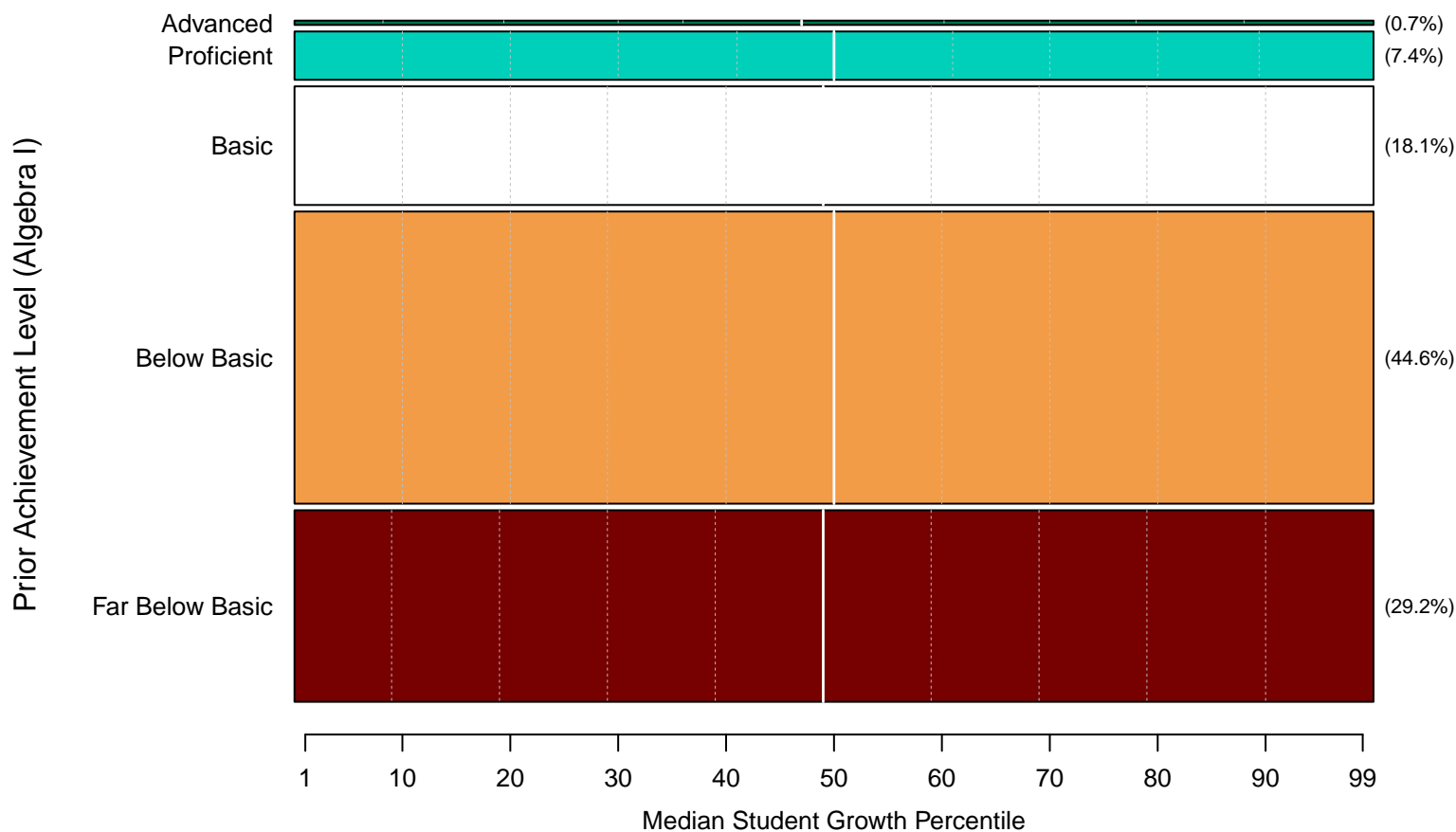## 2010 Algebra I SGP, Grade EOCT (N = 17,172)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percent
Advanced	(0.7%)
Proficient	(7.4%)
Basic	(18.1%)
Below Basic	(44.6%)
Far Below Basic	(29.2%)

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/[154,234)	9.42	10.28	9.95	11.94	9.68	10.21	8.95	10.74	8.69	10.15	(8.8%)
2nd/[234,247)	13.20	8.31	11.20	7.60	6.57	12.56	9.92	10.24	9.79	10.62	(9%)
3rd/[247,258)	9.99	11.47	7.90	11.78	11.22	7.04	12.29	8.67	9.13	10.50	(11.4%)
4th/[258,264)	7.66	9.44	14.02	8.04	7.20	13.74	10.93	9.35	9.72	9.91	(6.2%)
5th/[264,274)	9.12	9.72	13.51	5.88	11.85	12.08	7.31	8.70	10.69	11.15	(12.6%)
6th/[274,284)	10.30	8.87	10.13	13.27	9.97	7.05	11.56	10.35	9.91	8.59	(10.6%)
7th/[284,294)	9.92	13.22	6.54	9.50	9.78	9.44	11.29	9.71	9.16	11.43	(8.5%)
8th/[294,313)	9.28	9.56	10.66	11.14	9.56	9.18	10.38	9.42	10.43	10.38	(12.2%)
9th/[313,342)	9.37	9.77	9.99	8.81	11.12	11.18	9.37	10.90	9.49	9.99	(10.3%)
10th/[342,528)	9.95	9.84	10.01	10.51	9.28	9.73	9.89	9.84	10.17	10.79	(10.4%)

*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