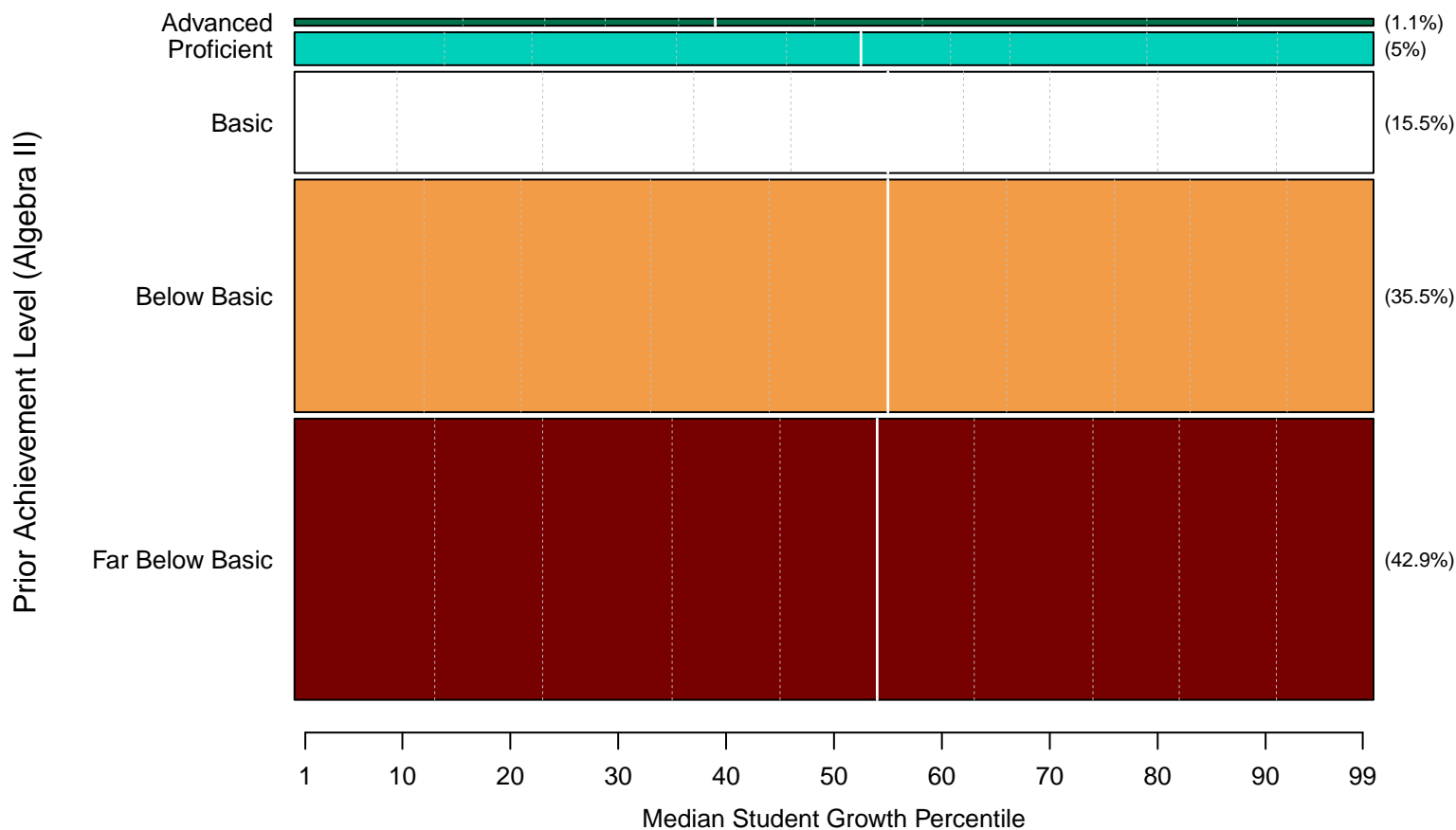# Student Growth Percentile Goodness–of–Fit Descriptives

2012 Algebra II SGP, Grade EOCT (N = 1,591)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

Level	(%)
Advanced	(1.1%)
Proficient	(5%)
Basic	(15.5%)
Below Basic	(35.5%)
Far Below Basic	(42.9%)

Median Student Growth Percentile

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/[175,220)	6.86	5.88	15.69	6.86	6.86	18.63	8.82	5.88	12.75	11.76	(6.4%)
2nd/[220,232)	7.19	10.07	3.60	7.91	10.79	12.23	13.67	5.76	14.39	14.39	(8.7%)
3rd/[232,243)	8.00	6.29	10.29	12.00	10.86	8.00	8.57	12.57	10.29	13.14	(11%)
4th/[243,254)	6.17	11.11	9.26	9.88	11.11	7.41	12.96	8.02	12.35	11.73	(10.2%)
5th/[254,264)	5.38	7.53	16.67	8.06	9.14	11.29	6.99	10.75	12.90	11.29	(11.7%)
6th/[264,274)	6.67	9.70	7.88	7.88	7.27	10.91	13.94	14.55	8.48	12.73	(10.4%)
7th/[274,287)	10.06	12.29	8.94	8.38	8.38	9.50	8.38	8.38	12.85	12.85	(11.3%)
8th/[287,301)	8.57	10.71	12.14	10.00	10.00	5.71	7.14	8.57	15.00	12.14	(8.8%)
9th/[301,334)	10.98	7.51	8.09	4.05	13.29	9.83	13.87	9.25	10.98	12.14	(10.9%)
10th/[334,486]	8.24	7.06	8.82	11.18	14.71	10.00	12.94	8.82	7.06	11.18	(10.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution