Student Growth Percentile Goodness–of–Fit Descriptives
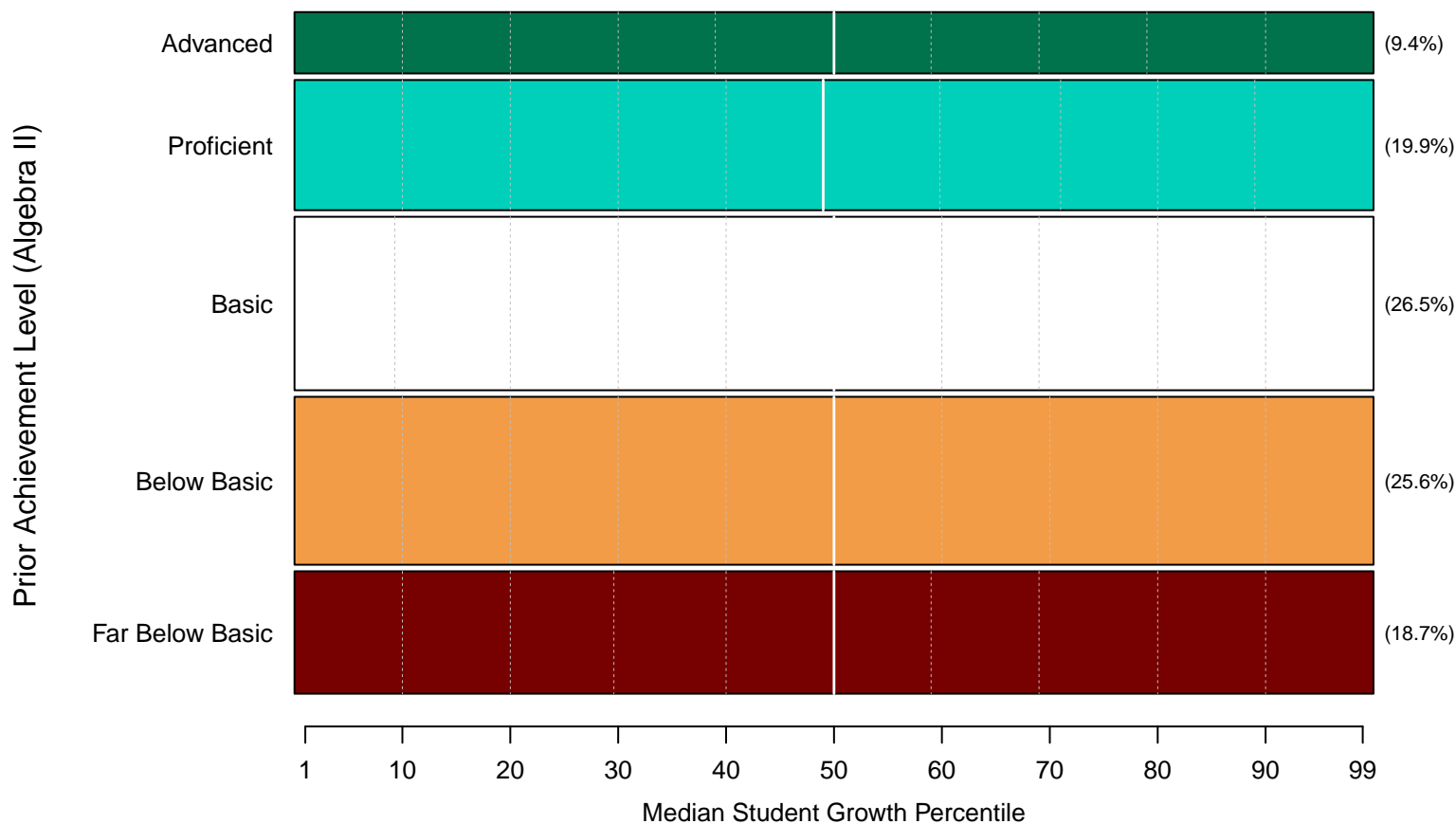## 2012 Chemistry SGP, Grade EOCT (N = 6,815)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

Level	%
Advanced	(9.4%)
Proficient	(19.9%)
Basic	(26.5%)
Below Basic	(25.6%)
Far Below Basic	(18.7%)

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/[175,237)	9.04	10.70	11.07	9.41	9.23	10.70	9.41	9.04	11.25	10.15	(8%)
2nd/[237,259)	10.26	9.85	9.30	10.26	9.58	11.08	10.26	9.99	9.17	10.26	(10.7%)
3rd/[259,274)	9.76	11.87	9.43	9.11	9.43	9.76	10.57	10.57	9.92	9.59	(9%)
4th/[274,292)	9.49	9.23	11.05	10.92	10.01	9.62	8.97	9.88	9.10	11.70	(11.3%)
5th/[292,306)	9.84	10.73	8.23	10.38	8.94	11.63	8.23	11.99	11.27	8.77	(8.2%)
6th/[306,324)	8.45	9.58	10.99	9.72	11.69	9.72	12.25	8.03	9.72	9.86	(10.4%)
7th/[324,348)	9.83	9.69	9.69	9.83	8.37	9.16	10.76	10.09	10.09	12.48	(11%)
8th/[348,373)	10.42	9.99	10.42	11.29	10.13	10.42	9.26	8.97	9.84	9.26	(10.1%)
9th/[373,409)	9.93	10.63	9.65	8.95	11.47	8.11	10.07	10.49	10.77	9.93	(10.5%)
10th/[409,600]	9.32	9.73	10.00	10.41	8.90	12.47	9.18	10.14	9.32	10.55	(10.7%)

*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