Student Growth Percentile Goodness–of–Fit Descriptives
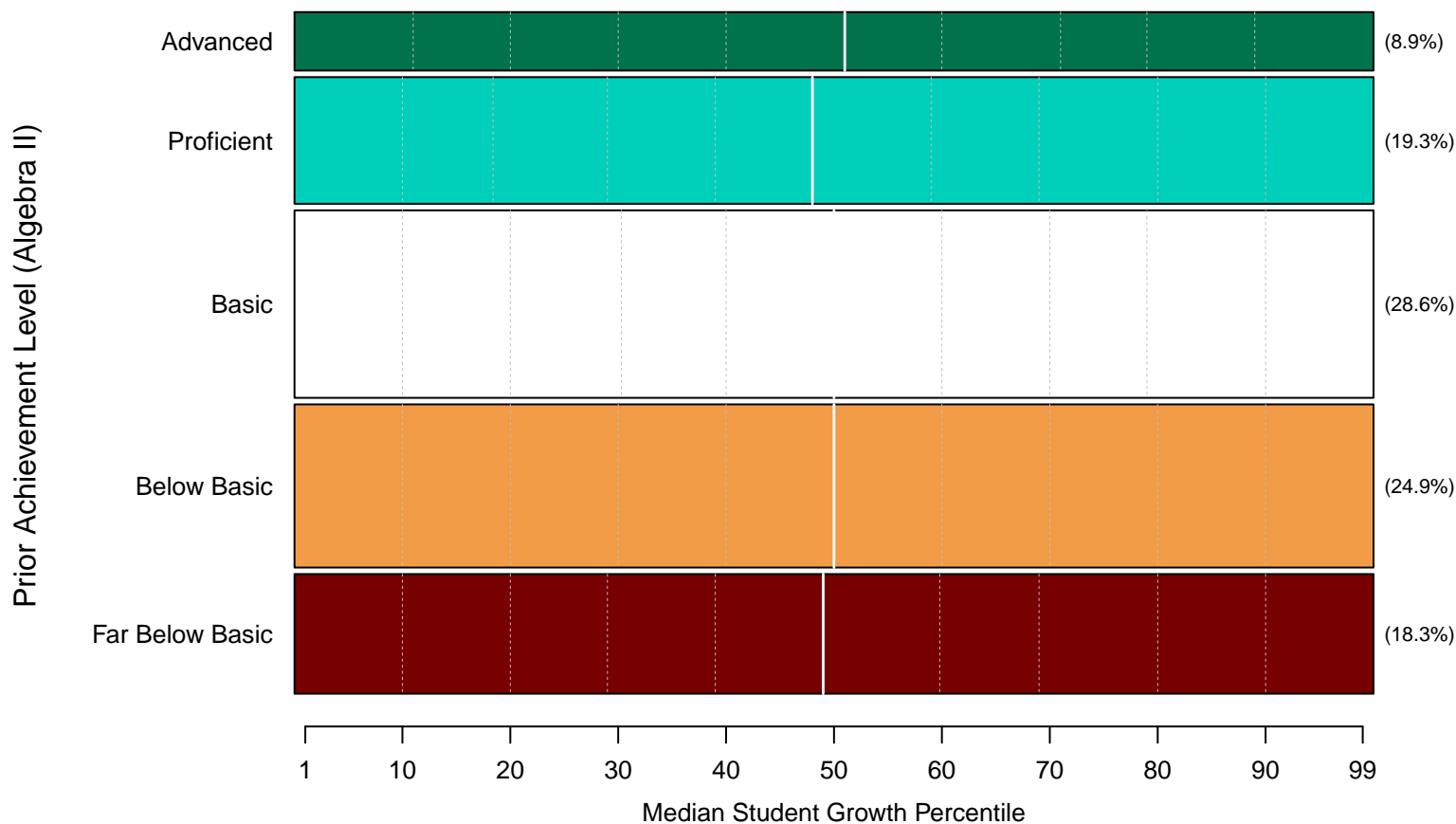## 2013 Chemistry SGP, Grade EOCT (N = 7,802)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

Level	%
Advanced	(8.9%)
Proficient	(19.3%)
Basic	(28.6%)
Below Basic	(24.9%)
Far Below Basic	(18.3%)

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/[150,239)	10.06	10.39	9.90	11.20	8.44	9.90	10.55	9.58	10.06	9.90	(7.9%)
2nd/[239,260)	8.79	10.27	11.26	9.78	10.27	9.65	10.02	9.41	9.53	11.01	(10.4%)
3rd/[260,279)	11.60	10.25	9.23	8.78	9.35	10.92	10.47	10.47	10.59	8.33	(11.4%)
4th/[279,293)	8.29	9.25	10.37	9.89	11.96	8.93	9.25	10.37	9.89	11.80	(8%)
5th/[293,311)	8.73	9.90	10.59	12.11	7.68	8.85	12.22	9.78	9.55	10.59	(11%)
6th/[311,330)	9.75	11.89	10.58	9.16	11.06	10.70	7.61	9.51	9.75	9.99	(10.8%)
7th/[330,349)	10.96	7.79	8.19	10.30	9.51	10.30	11.49	11.89	9.64	9.91	(9.7%)
8th/[349,369)	6.44	9.87	10.59	8.58	11.44	12.45	8.01	10.16	11.44	11.02	(9%)
9th/[369,410)	11.53	11.31	8.67	10.65	9.33	8.78	10.98	8.23	9.22	11.31	(11.7%)
10th/[410,600)	9.05	9.92	10.93	9.92	10.43	9.80	9.92	11.06	9.80	9.17	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution