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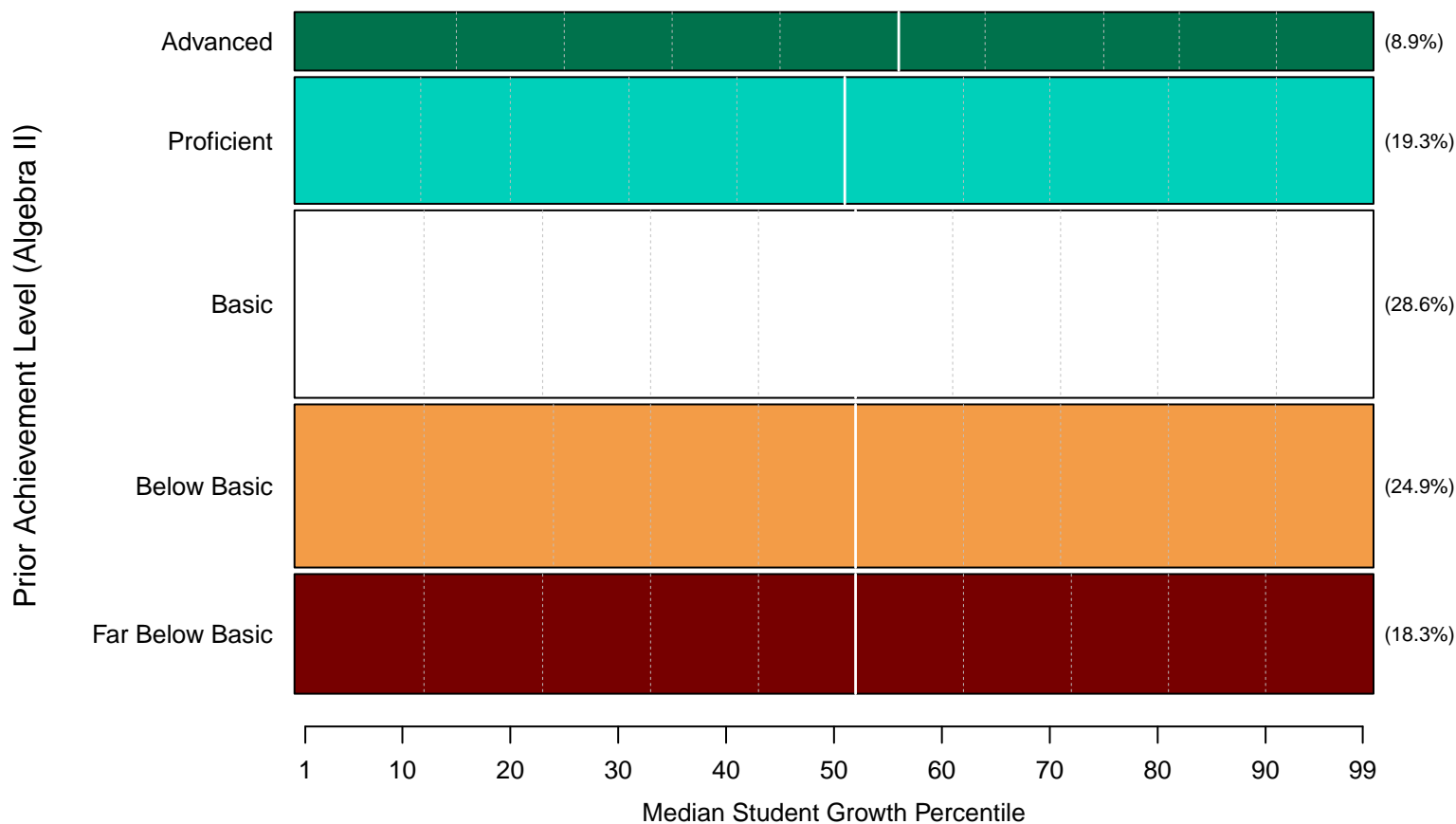## 2013 Chemistry SGP, Grade EOCT (N = 7,802)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

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

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/[150,239)	8.28	8.60	10.06	8.60	11.69	8.28	11.36	11.53	12.01	9.58	(7.9%)
2nd/[239,260)	7.80	8.79	10.40	10.40	8.79	13.00	9.78	8.66	10.77	11.63	(10.4%)
3rd/[260,279)	8.90	8.33	10.70	9.46	11.26	9.23	11.04	11.15	10.47	9.46	(11.4%)
4th/[279,293)	6.86	7.34	10.69	9.73	11.80	10.21	10.85	9.73	10.21	12.60	(8%)
5th/[293,311)	7.33	8.27	9.78	11.87	10.01	9.55	11.64	9.55	9.55	12.46	(11%)
6th/[311,330)	7.97	11.18	10.94	9.04	9.51	12.96	8.92	9.51	8.32	11.65	(10.8%)
7th/[330,349)	8.98	7.93	7.93	10.04	10.83	9.64	11.49	12.15	9.78	11.23	(9.7%)
8th/[349,369)	6.15	7.87	11.02	10.01	10.73	11.73	9.59	8.58	12.59	11.73	(9%)
9th/[369,410)	9.11	11.53	8.56	9.88	10.54	8.45	10.98	8.34	9.88	12.73	(11.7%)
10th/[410,600]	5.90	8.92	11.06	8.92	10.55	9.55	10.55	11.81	12.44	10.30	(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