Student Growth Percentile Goodness–of–Fit Descriptives
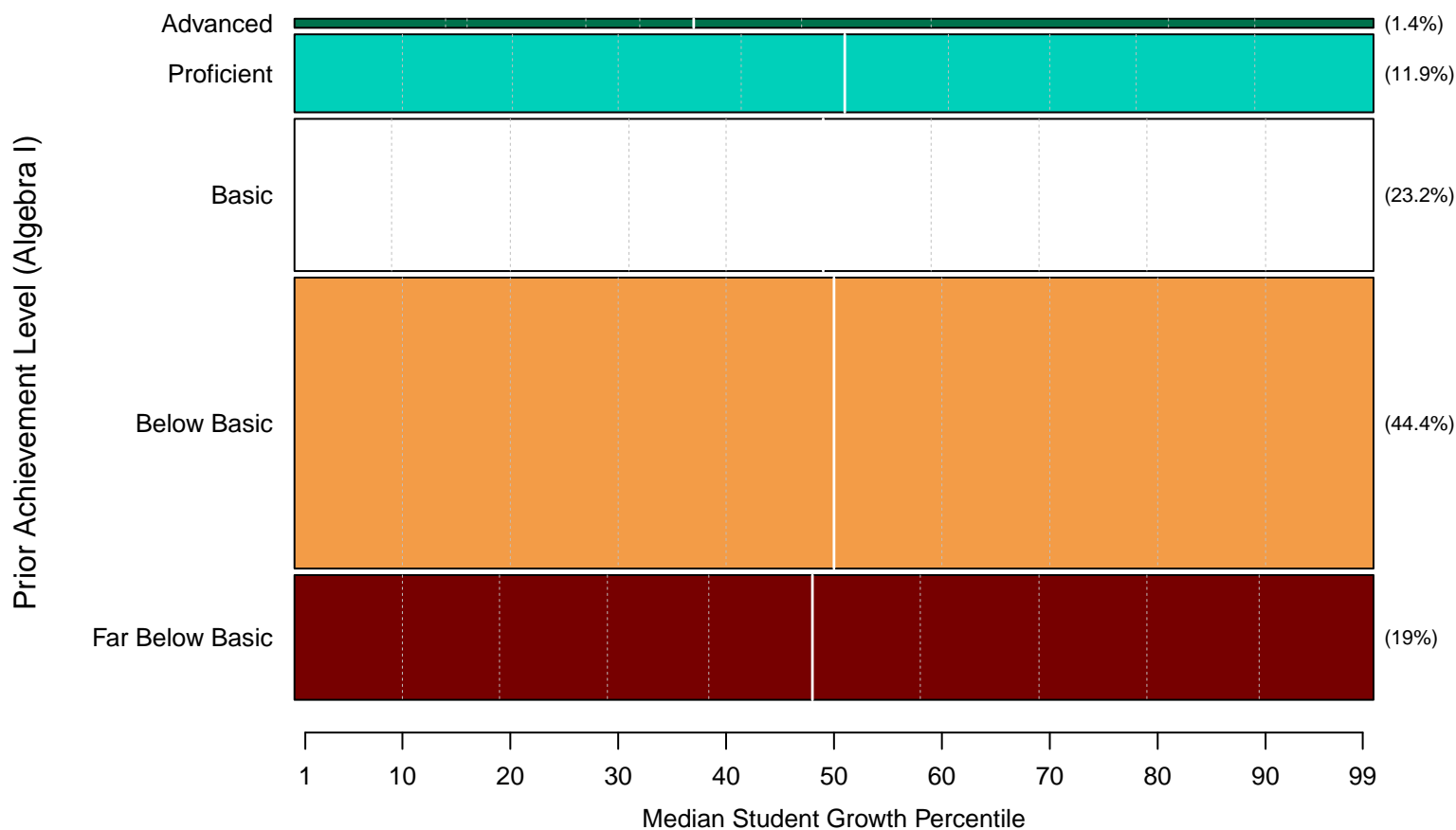## 2013 Chemistry SGP, Grade EOCT (N = 2,242)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percent
Advanced	(1.4%)
Proficient	(11.9%)
Basic	(23.2%)
Below Basic	(44.4%)
Far Below Basic	(19%)

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/[165,240)	9.58	8.98	10.78	10.78	10.18	9.58	11.98	8.98	8.98	10.18	(7.4%)
2nd/[240,257)	10.00	11.54	9.62	10.00	10.38	10.77	7.31	10.77	9.62	10.00	(11.6%)
3rd/[257,269)	7.76	10.20	9.80	9.80	8.16	9.80	11.02	10.61	12.24	10.61	(10.9%)
4th/[269,274)	15.27	6.87	8.40	12.21	10.69	7.63	9.92	10.69	8.40	9.92	(5.8%)
5th/[274,284)	10.04	10.88	10.88	9.62	9.62	10.46	11.30	8.79	7.53	10.88	(10.7%)
6th/[284,299)	8.65	8.65	10.73	9.69	10.73	11.42	9.00	9.34	11.76	10.03	(12.9%)
7th/[299,313)	8.55	12.82	8.55	11.11	10.26	6.84	9.40	10.68	11.54	10.26	(10.4%)
8th/[313,332)	12.05	7.14	10.27	7.59	10.27	12.95	12.05	11.61	7.59	8.48	(10%)
9th/[332,361)	9.00	12.80	10.90	11.85	10.43	7.58	7.58	7.58	10.43	11.85	(9.4%)
10th/[361,526]	9.92	9.09	9.50	8.68	9.92	11.16	10.74	10.74	9.92	10.33	(10.8%)

*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