Student Growth Percentile Goodness–of–Fit Descriptives
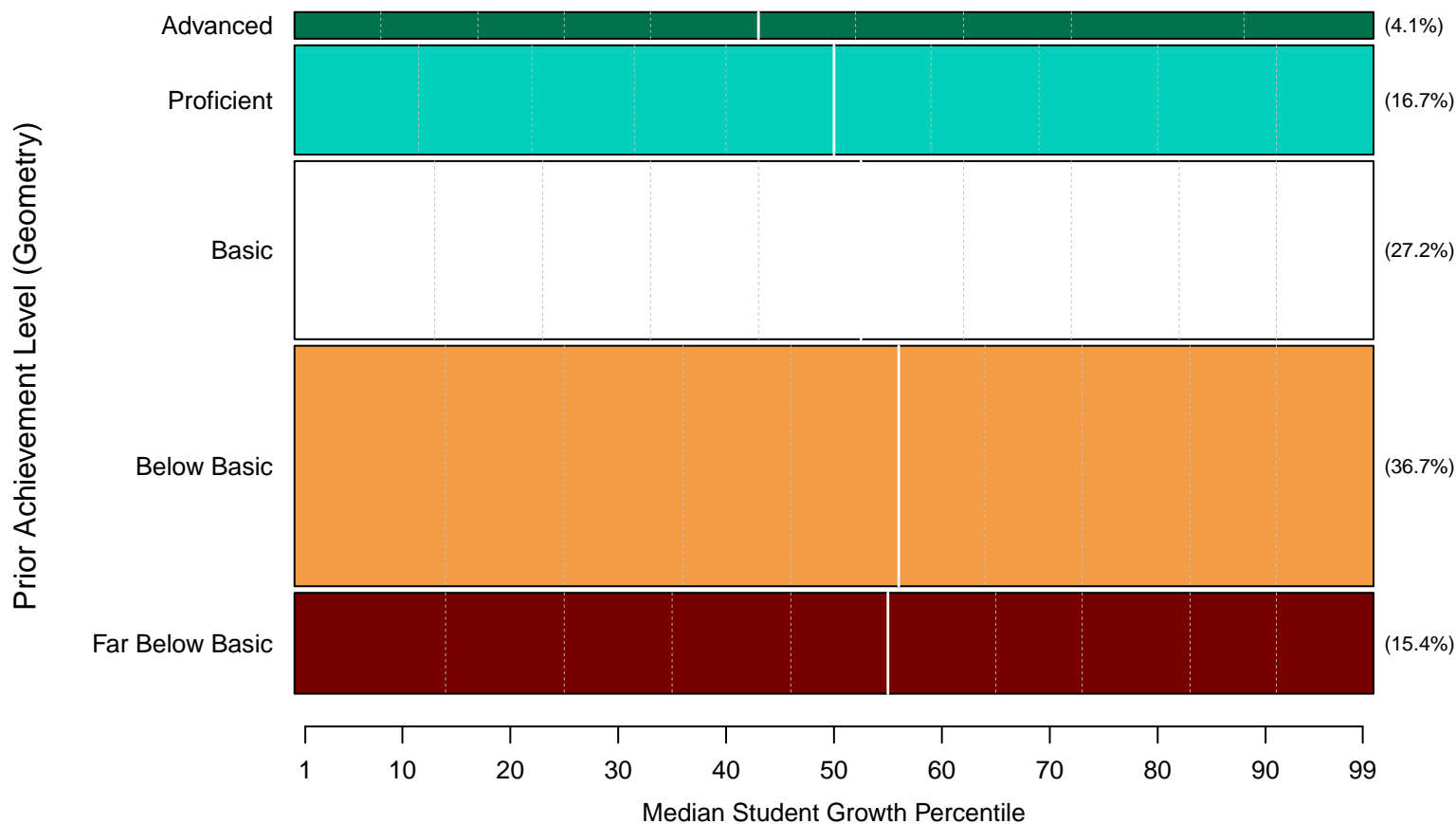## 2013 Chemistry SGP, Grade EOCT (N = 9,815)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Advanced	(4.1%)
Proficient	(16.7%)
Basic	(27.2%)
Below Basic	(36.7%)
Far Below Basic	(15.4%)

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/[155,238)	6.79	8.92	10.30	8.92	9.02	10.30	10.72	11.36	11.68	12.00	(9.6%)
2nd/[238,253)	6.17	8.61	9.55	6.87	11.18	12.92	10.48	10.94	10.48	12.81	(8.8%)
3rd/[253,266)	7.58	8.93	7.79	8.52	9.03	11.32	12.46	10.07	12.46	11.84	(9.8%)
4th/[266,279)	6.27	8.36	11.29	9.93	9.72	12.02	10.97	10.24	10.34	10.87	(9.8%)
5th/[279,296)	5.38	8.42	10.30	8.51	9.86	10.93	10.39	10.93	12.37	12.90	(11.4%)
6th/[296,312)	7.07	8.24	9.01	9.40	10.76	9.59	11.43	9.88	12.50	12.11	(10.5%)
7th/[312,328)	7.42	7.94	10.49	12.39	9.53	10.91	11.12	9.32	8.58	12.29	(9.6%)
8th/[328,350)	7.45	9.72	9.20	10.03	10.03	11.38	9.82	10.96	10.96	10.44	(9.9%)
9th/[350,381)	9.22	9.62	10.40	11.97	11.09	9.22	8.73	8.34	8.93	12.46	(10.4%)
10th/[381,600]	8.96	9.55	11.22	10.14	10.33	11.61	10.83	9.45	7.87	10.04	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution