Student Growth Percentile Goodness–of–Fit Descriptives
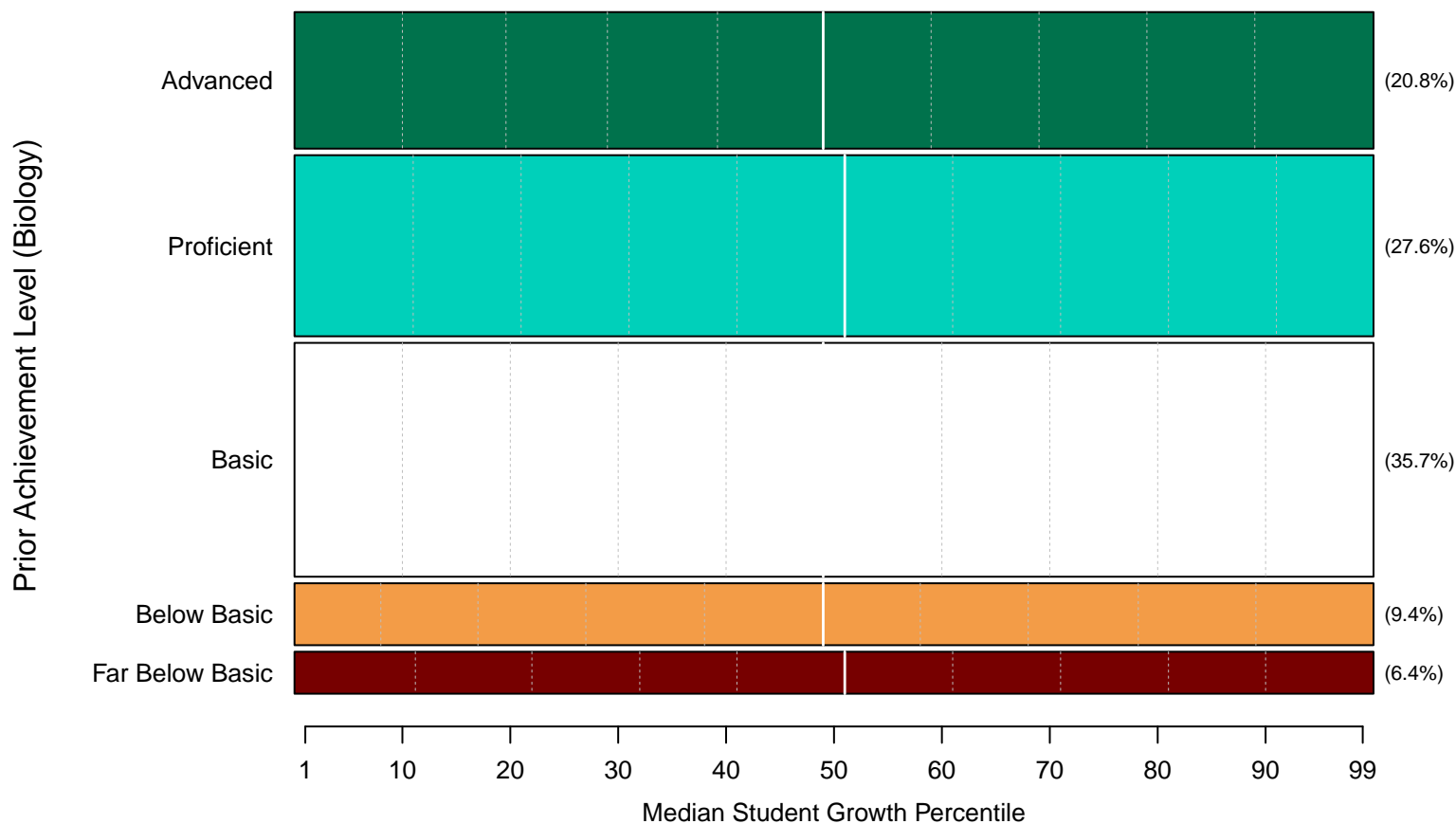## 2013 Chemistry SGP, Grade EOCT (N = 6,138)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

Level	Percent
Advanced	(20.8%)
Proficient	(27.6%)
Basic	(35.7%)
Below Basic	(9.4%)
Far Below Basic	(6.4%)

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/[206,285)	9.81	10.16	10.16	11.21	9.11	9.98	9.81	9.63	10.16	9.98	(9.3%)
2nd/[285,307)	9.48	9.48	11.06	7.74	11.53	9.00	10.43	10.43	9.95	10.90	(10.3%)
3rd/[307,322)	10.02	10.18	8.72	11.95	8.72	10.66	9.85	9.21	10.34	10.34	(10.1%)
4th/[322,336)	8.79	10.22	10.22	10.06	10.22	11.34	8.95	10.86	9.74	9.58	(10.2%)
5th/[336,347)	11.84	11.07	9.51	8.35	11.26	8.93	11.46	9.90	7.77	9.90	(8.4%)
6th/[347,362)	8.72	9.16	10.32	10.76	9.01	9.16	10.47	9.88	11.19	11.34	(11.2%)
7th/[362,378)	8.72	8.55	10.69	9.87	11.35	11.02	9.38	10.20	10.53	9.70	(9.9%)
8th/[378,395)	10.18	10.35	8.68	10.52	8.18	9.35	10.02	9.02	10.85	12.85	(9.8%)
9th/[395,422)	8.61	11.80	11.32	10.05	11.64	9.09	9.09	10.53	8.93	8.93	(10.2%)
10th/[422,600]	10.58	9.05	9.20	9.51	9.66	10.89	10.74	10.12	9.97	10.28	(10.6%)

*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