Student Growth Percentile Goodness–of–Fit Descriptives
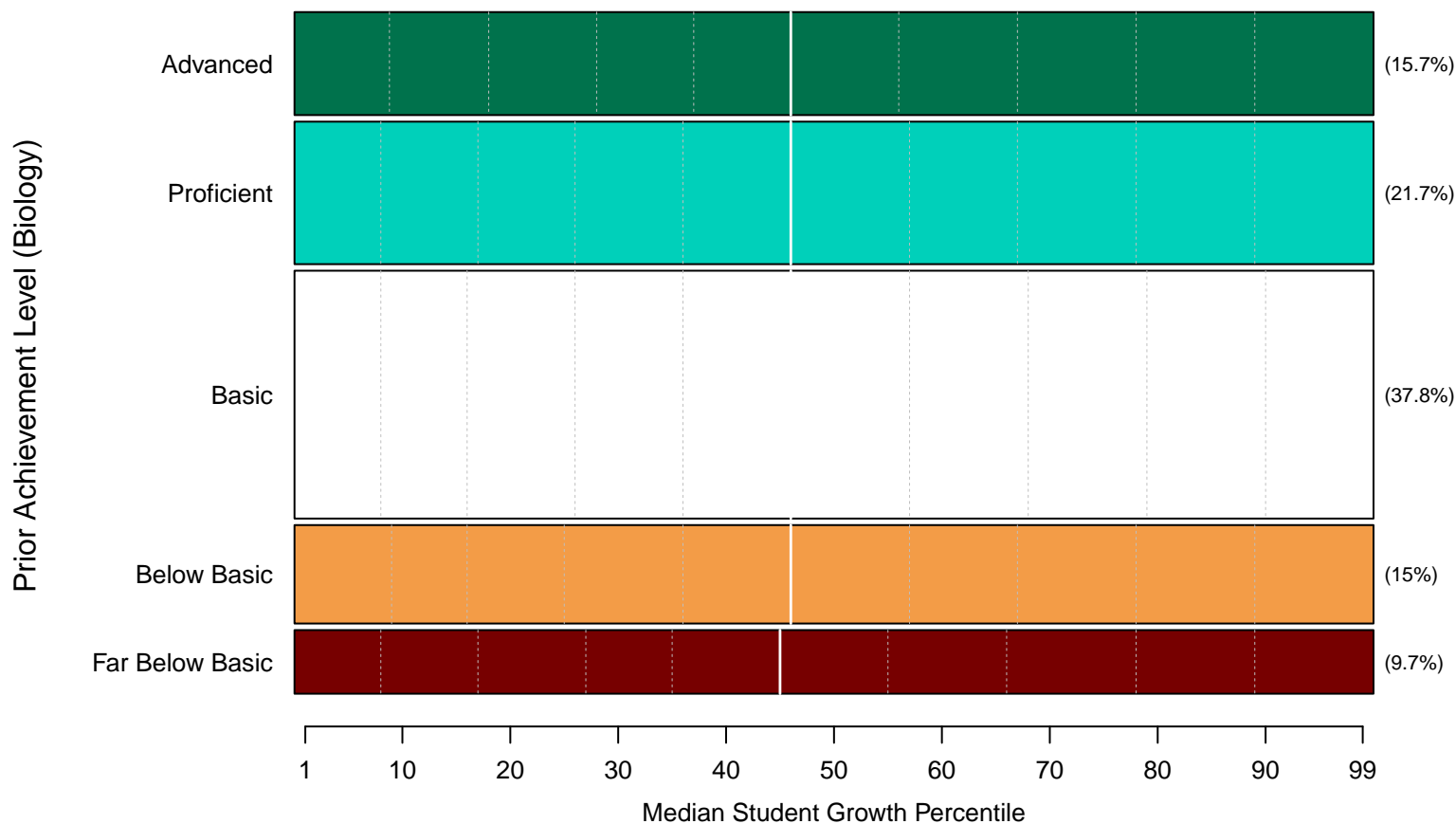## 2010 Chemistry SGP, Grade EOCT (N = 26,595)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

Level	Percent
Advanced	(15.7%)
Proficient	(21.7%)
Basic	(37.8%)
Below Basic	(15%)
Far Below Basic	(9.7%)

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/[210,278)	11.31	11.27	10.77	11.62	9.68	9.60	8.33	9.14	8.37	9.91	(9.7%)
2nd/[278,294)	10.54	11.72	11.79	11.31	8.84	9.54	9.35	8.91	8.84	9.17	(10.2%)
3rd/[294,305)	12.87	12.87	9.63	9.32	9.85	9.18	8.56	10.07	8.07	9.58	(8.5%)
4th/[305,320)	12.38	10.63	11.57	9.76	10.42	8.88	9.69	7.55	9.76	9.37	(10.8%)
5th/[320,334)	11.58	11.90	11.04	9.18	8.24	9.03	9.03	10.57	8.46	10.97	(10.5%)
6th/[334,347)	11.05	10.07	10.11	10.65	9.09	9.60	9.49	9.96	9.96	10.00	(10.3%)
7th/[347,361)	11.84	10.05	9.95	8.92	9.81	9.43	11.04	8.77	9.67	10.52	(8%)
8th/[361,382)	12.74	9.15	11.86	10.57	9.28	9.47	9.56	7.71	10.16	9.50	(12%)
9th/[382,407)	11.25	9.92	9.41	10.58	9.84	9.80	10.35	10.31	8.39	10.15	(9.6%)
10th/[407,600]	12.09	11.06	11.48	10.52	10.66	9.66	8.52	8.35	8.10	9.56	(10.5%)

*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