Student Growth Percentile Goodness–of–Fit Descriptives
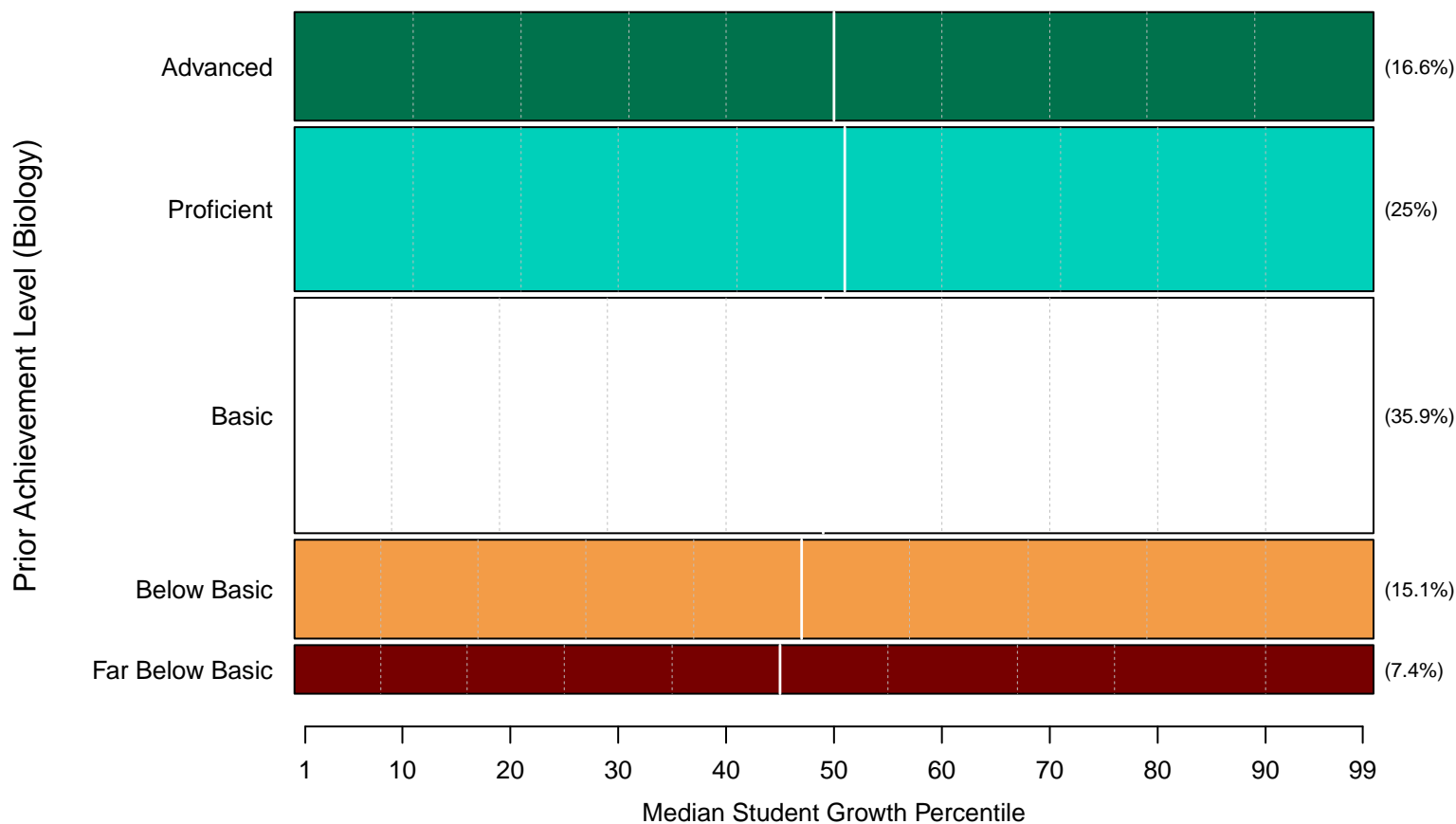
2012 Chemistry SGP, Grade EOCT (N = 11,215)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology):

- Advanced (16.6%)
- Proficient (25%)
- Basic (35.9%)
- Below Basic (15.1%)
- Far Below Basic (7.4%)

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/[205,280)	12.15	13.12	9.91	9.62	10.69	7.87	9.52	8.55	8.45	10.11	(9.2%)
2nd/[280,299)	10.76	10.26	11.26	10.76	9.76	9.34	8.76	10.43	7.84	10.84	(10.7%)
3rd/[299,314)	11.11	9.74	9.29	8.74	10.56	9.93	10.20	10.02	9.65	10.75	(9.8%)
4th/[314,325)	9.47	12.34	10.43	7.98	9.57	9.04	10.53	11.17	9.79	9.68	(8.4%)
5th/[325,340)	10.42	9.63	9.94	9.08	10.50	9.23	10.10	9.31	9.71	12.08	(11.3%)
6th/[340,352)	11.39	10.81	8.74	10.71	10.12	9.33	10.71	9.33	9.72	9.14	(9.1%)
7th/[352,364)	10.19	10.10	11.73	7.69	9.90	11.73	9.71	10.19	9.52	9.23	(9.3%)
8th/[364,384)	7.07	10.03	9.54	10.94	9.05	11.60	8.22	11.92	9.70	11.92	(10.8%)
9th/[384,408)	10.06	10.06	9.12	10.34	10.53	10.15	9.02	10.34	11.28	9.12	(9.5%)
10th/[408,600]	9.23	9.23	10.34	10.34	9.67	10.49	9.67	11.16	10.04	9.82	(12%)

*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