Student Growth Percentile Goodness–of–Fit Descriptives
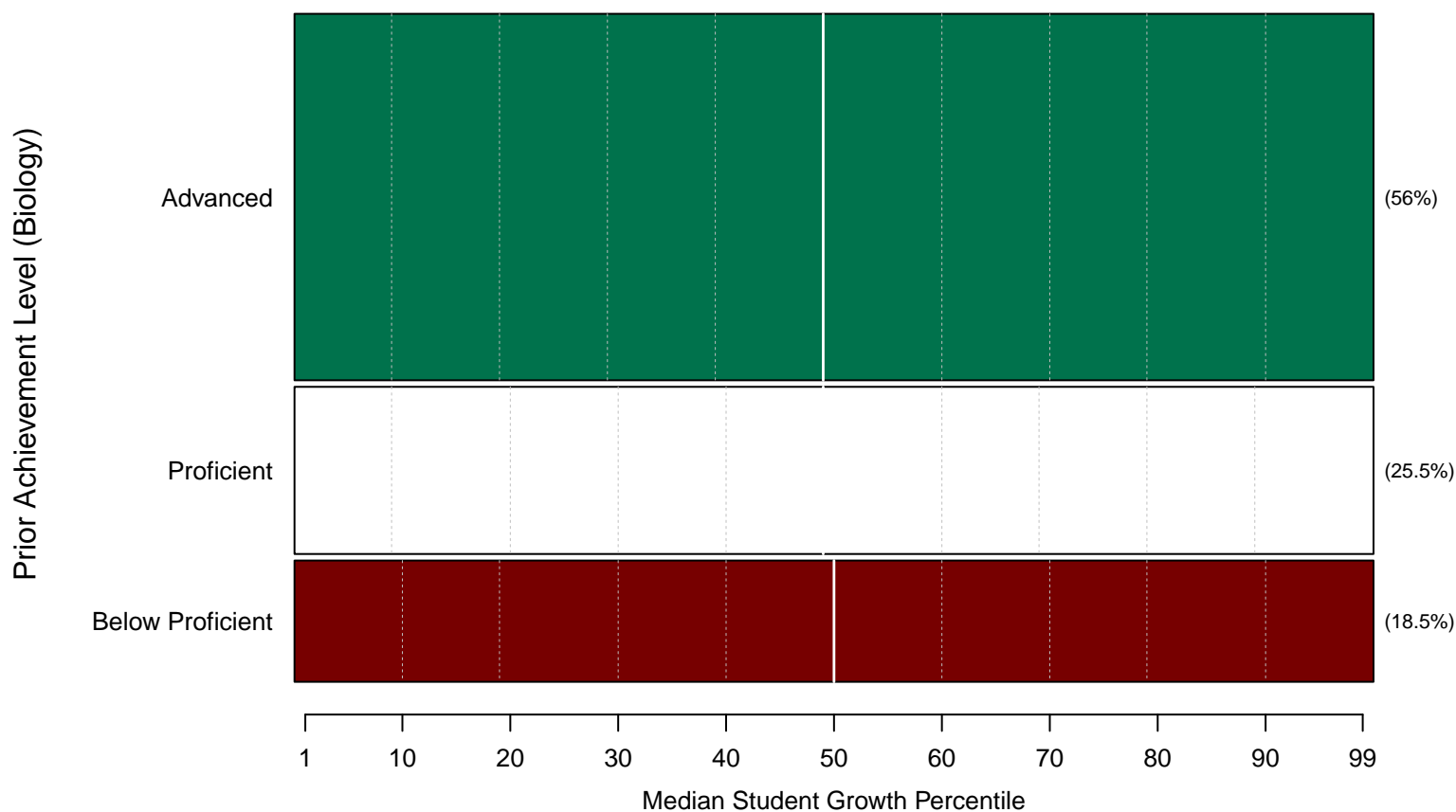
2012 Chemistry SGP, Grade EOCT (N = 15,104)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)
- Advanced (56%)
- Proficient (25.5%)
- Below Proficient (18.5%)

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/[130,156)	9.65	8.51	12.58	8.65	10.72	8.79	11.44	9.79	10.44	9.44	(9.3%)
2nd/[156,160)	9.44	12.66	6.80	11.44	9.01	11.16	8.15	12.30	7.51	11.52	(9.3%)
3rd/[160,163)	9.95	11.17	11.31	8.79	9.20	8.99	10.29	9.54	10.42	10.35	(9.7%)
4th/[163,165)	11.07	5.99	12.96	9.33	14.94	7.73	10.08	8.57	10.99	8.34	(8.7%)
5th/[165,168)	8.92	11.92	8.44	12.75	9.34	7.25	13.23	9.82	7.60	10.72	(11.1%)
6th/[168,169)	10.50	9.84	12.47	5.00	11.40	5.99	12.06	11.48	12.63	8.61	(8.1%)
7th/[169,172)	9.96	12.28	6.62	8.32	11.46	13.57	8.39	8.39	9.82	11.19	(9.7%)
8th/[172,174)	12.32	8.03	8.94	15.64	6.82	10.02	7.97	11.84	8.03	10.39	(11%)
9th/[174,178)	9.73	8.07	12.57	8.07	9.99	11.12	10.46	9.53	12.05	8.41	(10%)
10th/[178,199]	10.11	10.76	9.96	10.11	11.31	6.06	11.11	12.31	7.36	10.91	(13.2%)

*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