Student Growth Percentile Goodness–of–Fit Descriptives
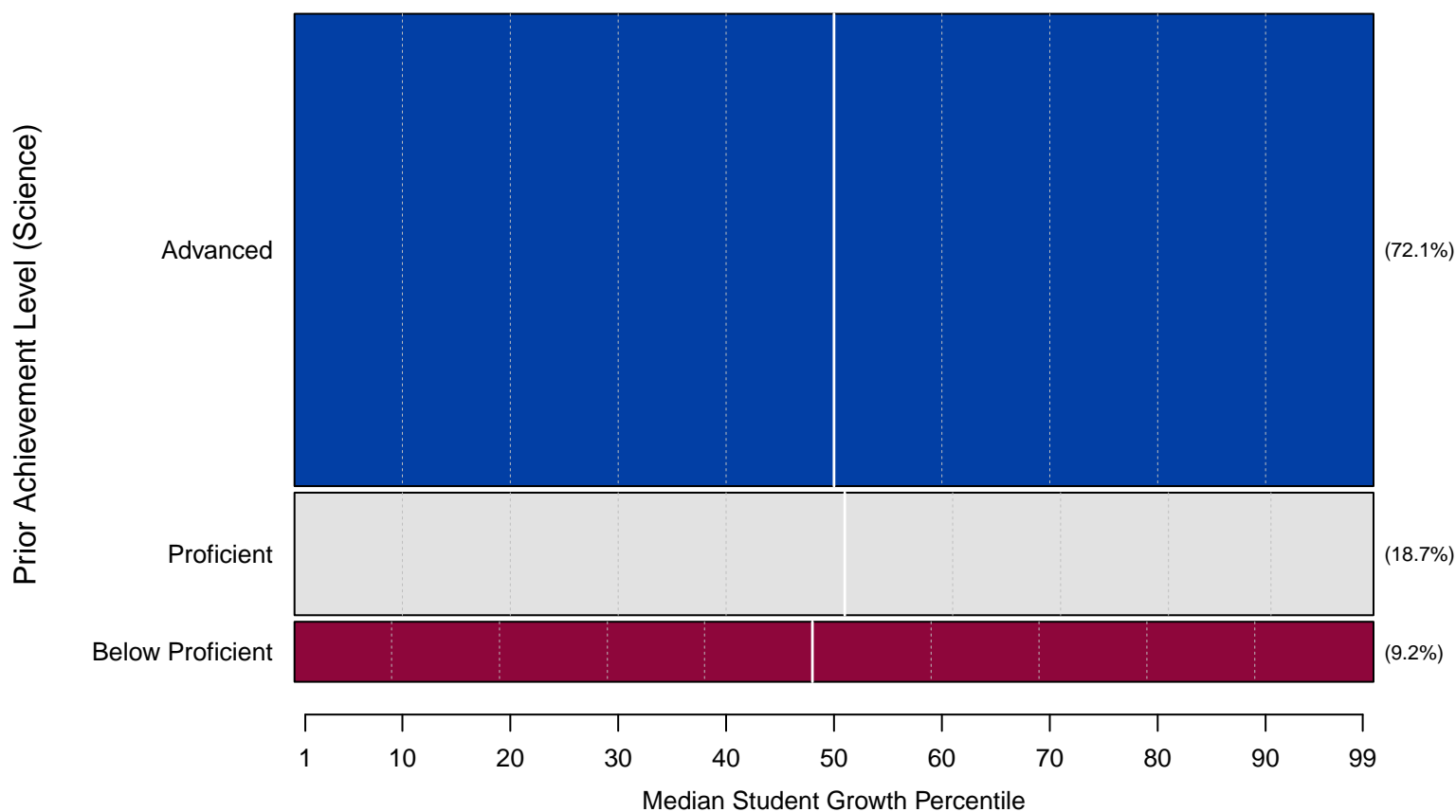
2014 Biology SGP, Grade EOCT (N = 11,790)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

- Advanced — (72.1%)
- Proficient — (18.7%)
- Below Proficient — (9.2%)

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/[130,160)	10.27	9.81	10.45	10.45	10.18	9.90	9.62	10.18	9.34	9.81	(9.2%)
2nd/[160,165)	8.91	10.35	9.79	9.71	10.03	10.03	10.51	10.03	10.19	10.43	(10.6%)
3rd/[165,167)	10.21	9.90	9.69	9.90	8.75	10.62	9.69	9.79	9.69	11.77	(8.1%)
4th/[167,169)	10.51	10.62	10.18	8.78	10.18	9.53	9.86	10.08	10.40	9.86	(7.8%)
5th/[169,172)	9.19	9.28	9.46	11.21	11.21	9.54	10.16	9.54	10.33	10.07	(9.7%)
6th/[172,175)	8.54	9.27	11.18	10.08	9.86	10.38	10.74	10.52	9.71	9.71	(11.5%)
7th/[175,177)	12.10	10.24	9.57	8.78	9.31	10.11	10.24	10.51	8.64	10.51	(6.4%)
8th/[177,182)	9.71	10.59	10.09	10.15	9.93	9.82	9.26	9.43	10.70	10.32	(15.3%)
9th/[182,187)	8.66	9.21	9.10	10.65	10.21	10.99	9.21	9.88	10.43	11.65	(7.6%)
10th/[187,199)	9.67	10.17	10.10	9.61	9.98	9.92	10.47	10.35	9.67	10.04	(13.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution