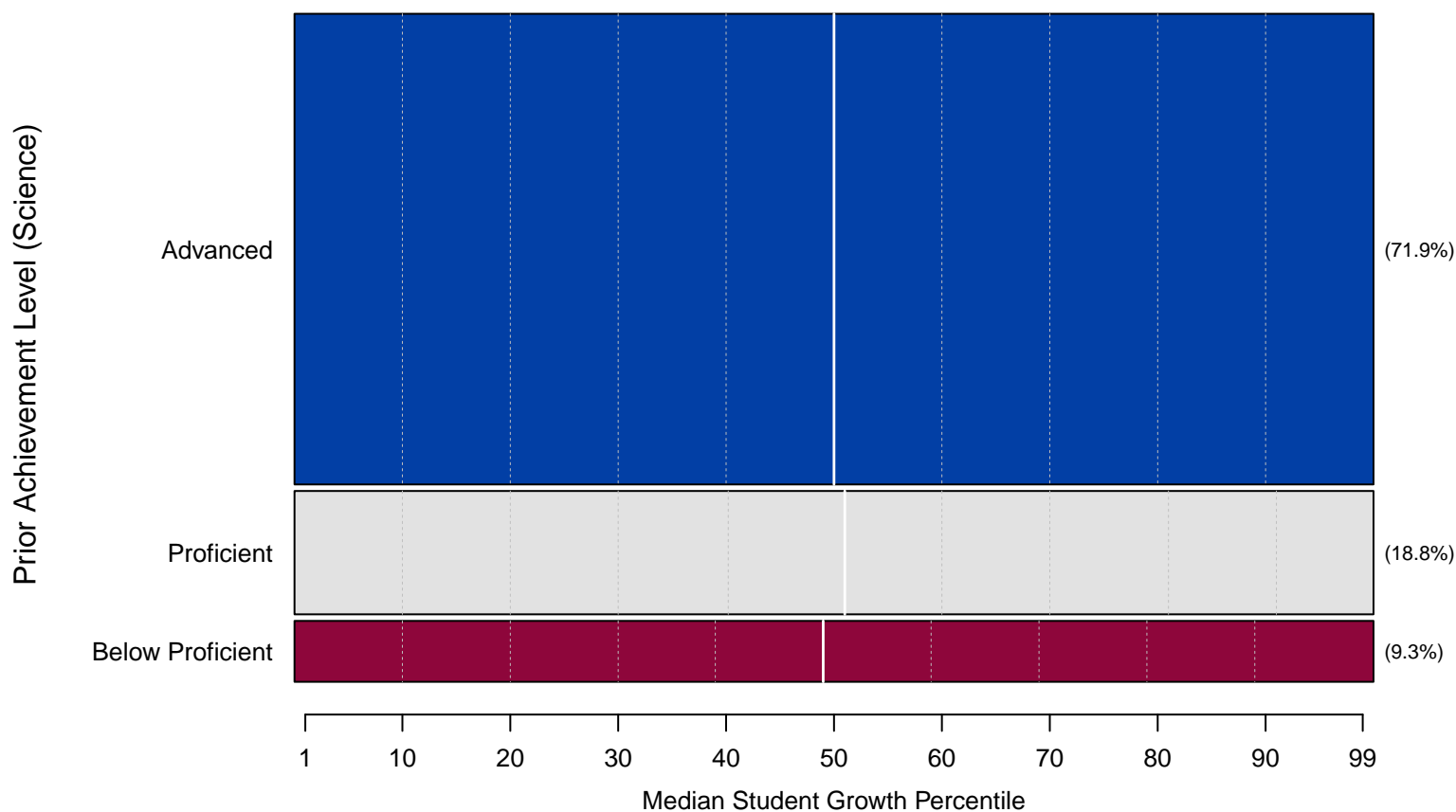# Student Growth Percentile Goodness–of–Fit Descriptives
2014 Biology SGP, Grade EOCT (N = 12,737)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

- Advanced (71.9%)
- Proficient (18.8%)
- Below Proficient (9.3%)

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/[130,160)	9.96	9.70	10.21	10.55	10.21	10.04	9.87	10.04	9.54	9.87	(9.3%)
2nd/[160,165)	9.16	10.56	10.19	9.38	9.60	10.27	9.68	10.56	10.34	10.27	(10.6%)
3rd/[165,167)	9.86	10.24	9.38	9.47	10.05	9.47	10.62	9.09	9.76	12.06	(8.2%)
4th/[167,169)	10.39	10.39	9.18	10.19	9.89	9.89	10.70	8.88	9.89	10.60	(7.8%)
5th/[169,172)	9.27	8.78	10.49	10.24	11.14	9.84	8.46	11.71	10.16	9.92	(9.7%)
6th/[172,175)	8.22	9.92	10.73	10.26	9.24	11.28	10.87	9.78	10.12	9.58	(11.6%)
7th/[175,177)	11.21	11.95	8.87	10.47	8.74	9.48	10.47	9.61	9.24	9.98	(6.4%)
8th/[177,182)	9.96	10.27	10.42	9.65	10.06	9.34	9.55	10.01	10.37	10.37	(15.2%)
9th/[182,187)	8.85	7.82	9.36	9.98	12.14	10.39	9.98	9.57	8.95	12.96	(7.6%)
10th/[187,199)	9.72	10.41	10.01	9.90	9.38	10.01	10.30	10.13	10.30	9.84	(13.6%)

*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