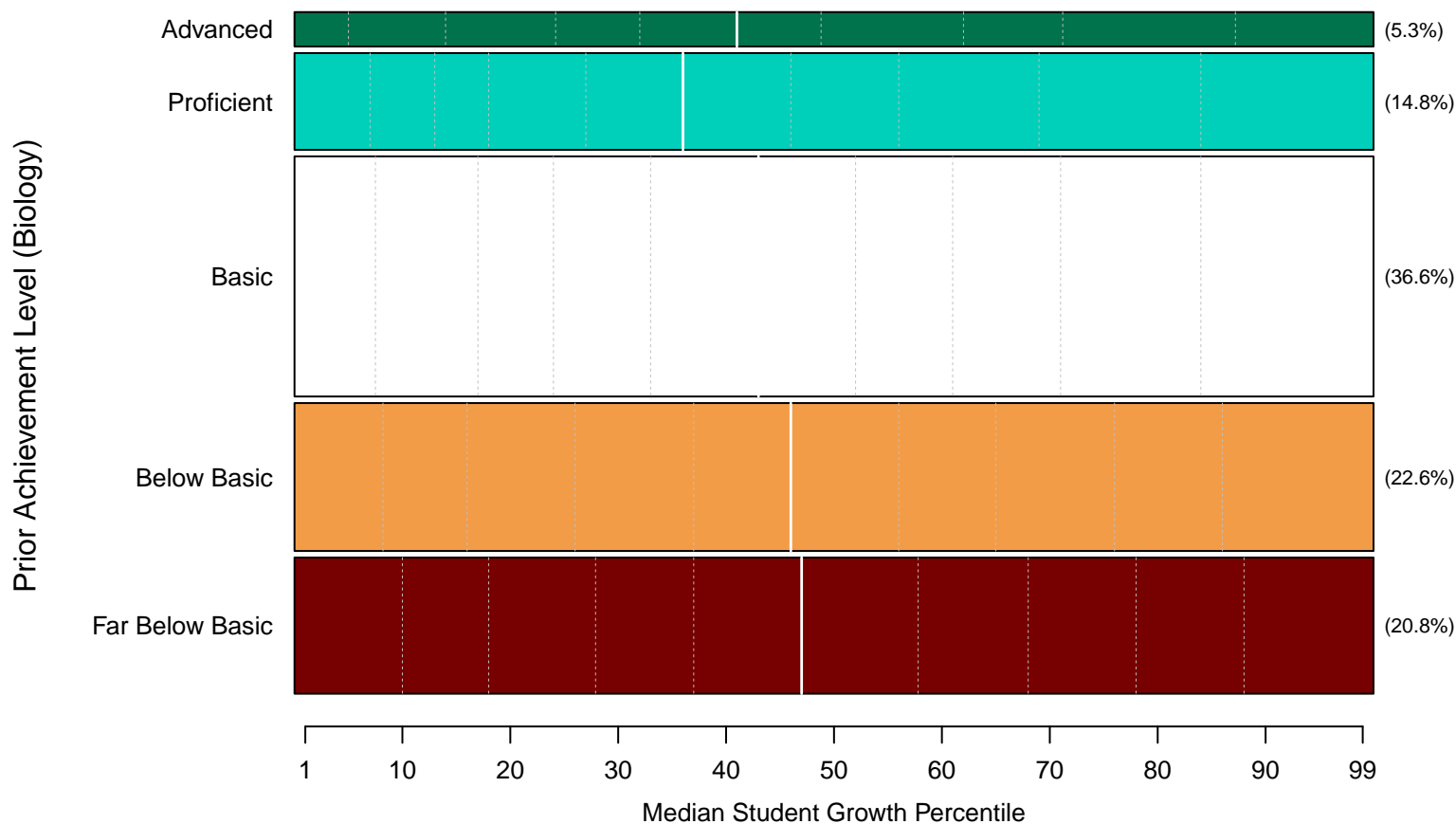# Student Growth Percentile Goodness–of–Fit Descriptives
2010 Life Science SGP, Grade EOCT (N = 3,292)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

Level	(%)
Advanced	(5.3%)
Proficient	(14.8%)
Basic	(36.6%)
Below Basic	(22.6%)
Far Below Basic	(20.8%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

Student Growth Percentile Range

Prior Scale Score Decile/Range *

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/[212,261)	10.25	11.07	9.84	8.61	10.66	6.56	11.48	12.30	9.43	9.84	(7.4%)
2nd/[261,274)	9.03	11.84	10.28	11.53	10.28	8.72	8.41	9.35	9.97	10.59	(9.8%)
3rd/[274,286)	11.99	11.73	11.22	9.18	9.95	9.95	13.01	8.67	7.40	6.89	(11.9%)
4th/[286,296)	9.52	11.76	11.20	9.24	11.76	7.84	10.36	10.92	9.80	7.56	(10.8%)
5th/[296,305)	13.65	10.84	12.05	9.24	8.43	11.65	13.65	7.63	7.23	5.62	(7.6%)
6th/[305,320)	11.65	11.11	9.76	11.38	10.84	11.38	11.38	5.15	8.40	8.94	(11.2%)
7th/[320,334)	10.58	13.93	13.09	10.58	9.75	13.09	8.08	7.24	5.57	8.08	(10.9%)
8th/[334,351)	14.91	10.23	11.11	9.06	9.94	15.50	10.82	6.43	7.02	4.97	(10.4%)
9th/[351,374)	15.05	15.38	10.37	12.71	9.36	11.04	8.03	7.69	5.35	5.02	(9.1%)
10th/[374,532]	15.28	13.06	11.67	11.11	9.44	10.56	6.67	7.50	6.67	8.06	(10.9%)

*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