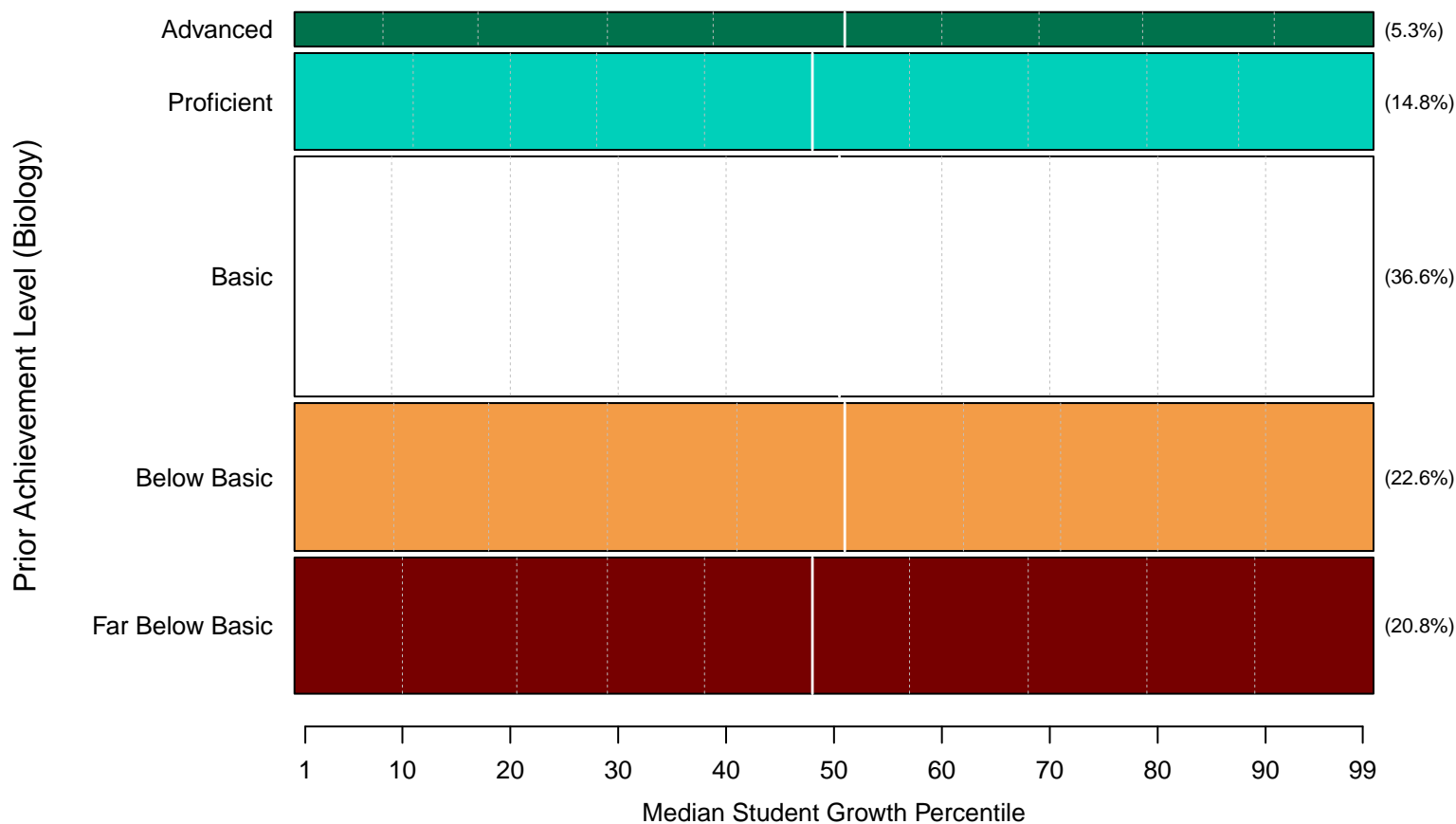# Student Growth Percentile Goodness–of–Fit Descriptives
2010 Life Science SGP, Grade EOCT (N = 3,292)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology):
- Advanced (5.3%)
- Proficient (14.8%)
- Basic (36.6%)
- Below Basic (22.6%)
- Far Below Basic (20.8%)

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/[212,261)	9.84	10.66	9.43	7.79	11.89	9.02	9.84	11.48	10.25	9.84	(7.4%)
2nd/[261,274)	9.03	9.97	12.15	11.53	8.10	12.46	7.79	6.85	10.28	11.84	(9.8%)
3rd/[274,286)	11.99	10.46	9.95	7.40	12.24	7.65	12.50	9.44	9.69	8.67	(11.9%)
4th/[286,296)	7.56	11.48	7.84	10.64	10.64	10.08	7.28	12.89	9.80	11.76	(10.8%)
5th/[296,305)	9.64	11.65	9.64	9.64	8.03	10.04	14.46	10.44	8.43	8.03	(7.6%)
6th/[305,320)	9.49	8.67	12.74	7.05	11.65	11.11	7.59	9.21	11.38	11.11	(11.2%)
7th/[320,334)	8.91	10.58	10.03	13.37	10.03	7.52	10.58	8.64	8.91	11.42	(10.9%)
8th/[334,351)	12.28	6.73	9.36	8.19	9.94	9.94	11.40	10.82	10.53	10.82	(10.4%)
9th/[351,374)	6.69	14.38	9.36	9.36	11.04	12.04	8.36	9.70	10.03	9.03	(9.1%)
10th/[374,532]	10.56	9.17	11.11	10.56	9.72	8.33	12.50	8.89	9.44	9.72	(10.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution