Student Growth Percentile Goodness–of–Fit Descriptives
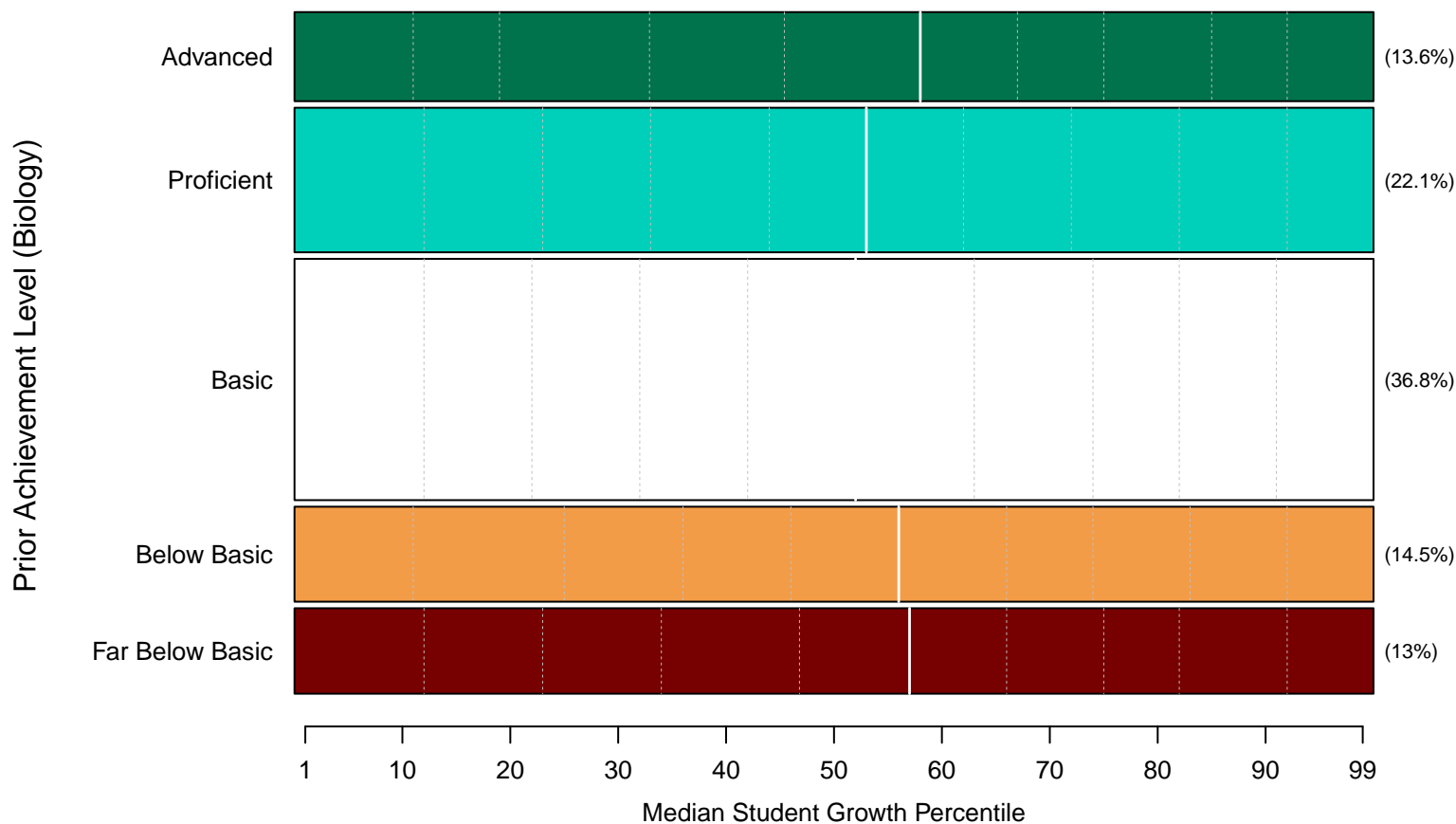## 2013 Life Science SGP, Grade EOCT (N = 3,781)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

- Advanced (13.6%)
- Proficient (22.1%)
- Basic (36.8%)
- Below Basic (14.5%)
- Far Below Basic (13%)

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/[214,268)	6.05	6.05	13.38	7.96	8.60	11.15	9.87	13.69	10.19	13.06	(8.3%)
2nd/[268,285)	10.53	6.37	6.93	8.03	9.42	11.91	11.63	11.63	9.97	13.57	(9.5%)
3rd/[285,300)	7.65	8.47	10.38	9.84	8.74	10.66	8.20	9.84	12.84	13.39	(9.7%)
4th/[300,314)	8.35	11.14	9.11	13.16	7.59	12.15	9.62	9.62	9.87	9.37	(10.4%)
5th/[314,329)	7.35	11.55	9.97	8.92	10.50	8.92	7.87	12.34	9.19	13.39	(10.1%)
6th/[329,344)	6.06	10.61	11.11	10.35	8.08	9.34	8.33	10.10	13.64	12.37	(10.5%)
7th/[344,360)	7.88	7.88	9.85	10.84	13.30	8.87	8.37	7.88	12.07	13.05	(10.7%)
8th/[360,378)	5.06	8.10	10.13	8.10	15.70	8.35	10.38	8.86	10.89	14.43	(10.4%)
9th/[378,400)	8.02	11.73	8.64	8.02	6.48	12.35	12.96	12.04	7.10	12.65	(8.6%)
10th/[400,600]	9.03	12.19	7.90	7.45	7.45	7.67	10.38	13.77	11.06	13.09	(11.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution