Student Growth Percentile Goodness–of–Fit Descriptives
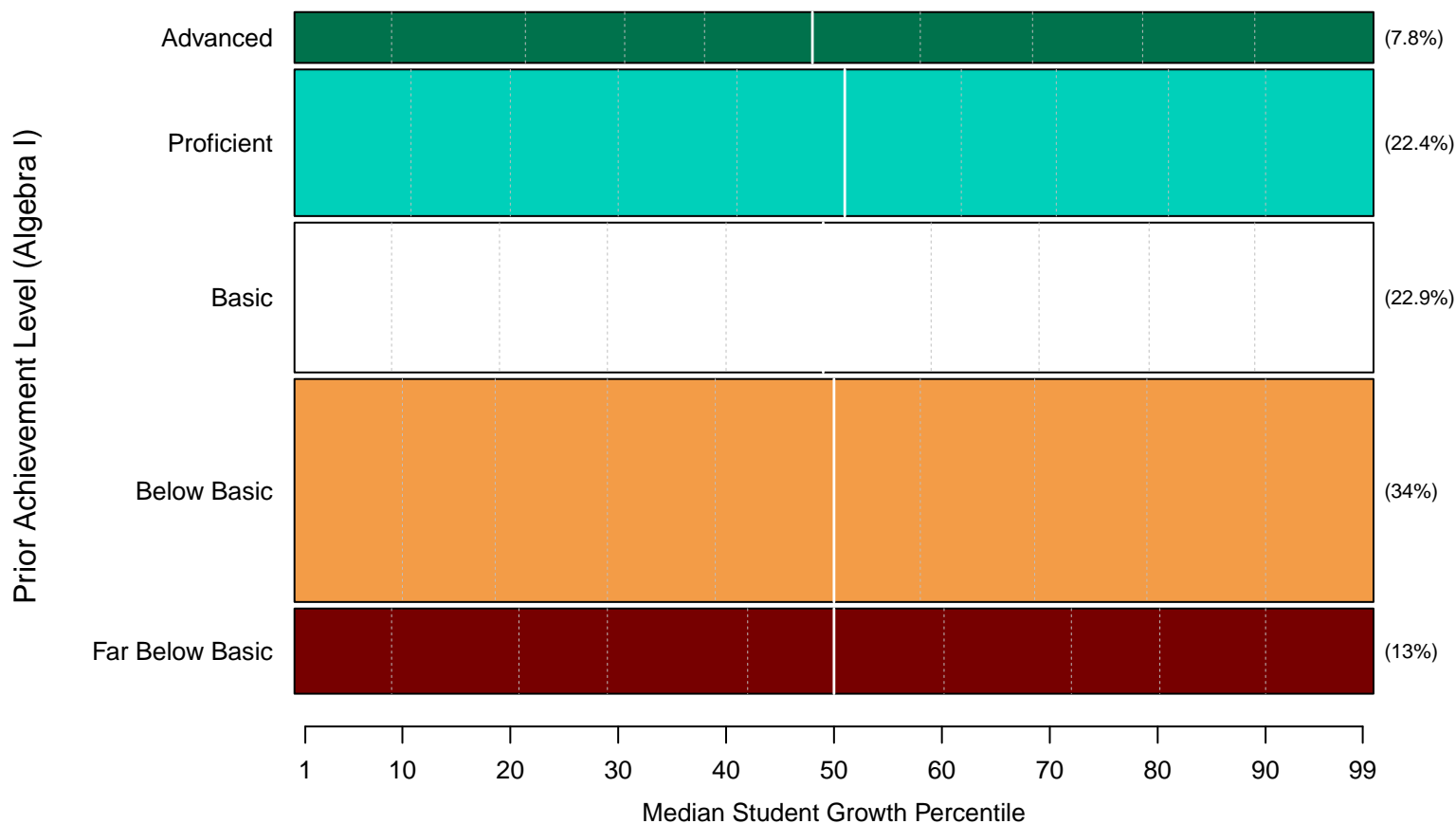## 2013 Physics SGP, Grade EOCT (N = 2,231)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I):
- Advanced (7.8%)
- Proficient (22.4%)
- Basic (22.9%)
- Below Basic (34%)
- 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/[150,246)	11.18	8.70	9.94	9.32	9.32	9.94	8.70	9.32	12.42	11.18	(7.2%)
2nd/[246,263)	11.01	7.34	11.93	6.42	14.22	12.39	7.80	11.93	7.34	9.63	(9.8%)
3rd/[263,274)	9.00	13.50	9.00	14.50	4.50	10.50	11.50	9.50	9.00	9.00	(9%)
4th/[274,289)	10.90	9.02	10.15	8.27	11.28	9.40	10.90	8.65	10.53	10.90	(11.9%)
5th/[289,304)	8.33	11.27	10.29	11.27	8.82	9.80	7.35	13.24	7.84	11.76	(9.1%)
6th/[304,323)	9.87	11.59	9.01	9.01	9.01	9.87	10.30	9.44	11.16	10.73	(10.4%)
7th/[323,351)	10.83	9.03	10.11	9.39	13.72	9.75	9.75	9.03	9.39	9.03	(12.4%)
8th/[351,376)	7.28	8.25	11.65	10.68	6.31	11.17	12.62	10.19	10.19	11.65	(9.2%)
9th/[376,409)	12.79	10.96	8.68	9.59	9.13	7.76	9.13	11.87	10.05	10.05	(9.8%)
10th/[409,600]	8.91	9.72	10.12	10.12	11.34	12.15	8.50	9.31	9.72	10.12	(11.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution