Student Growth Percentile Goodness–of–Fit Descriptives
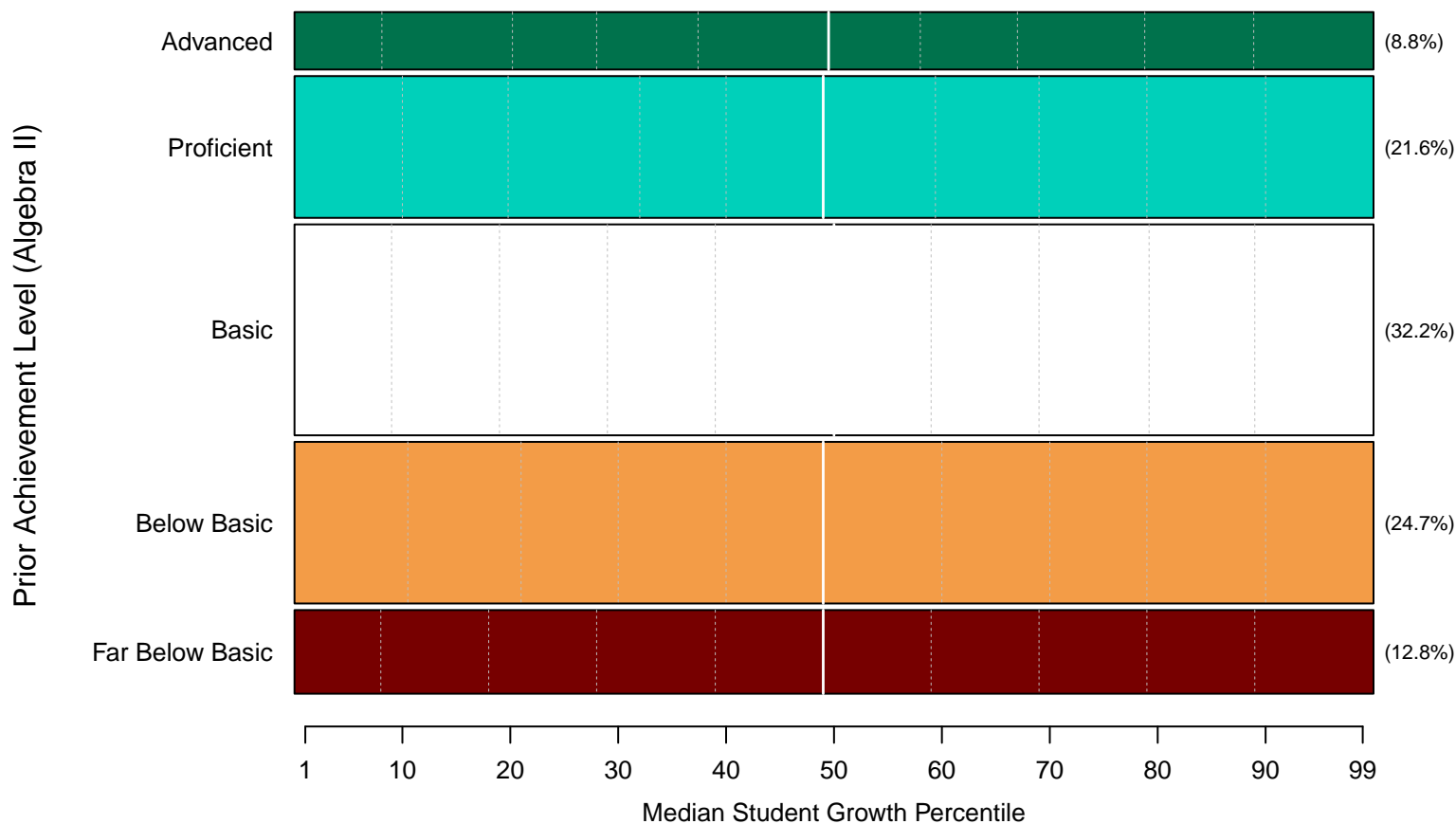## 2013 Physics SGP, Grade EOCT (N = 1,849)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

Level	Percent
Advanced	(8.8%)
Proficient	(21.6%)
Basic	(32.2%)
Below Basic	(24.7%)
Far Below Basic	(12.8%)

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

Student Growth Percentile Range

Prior Scale Score Decile/Range *	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/[156,250)	12.95	8.63	9.35	10.07	10.07	10.07	10.79	11.51	8.63	7.91	(7.5%)
2nd/[250,275)	9.29	11.50	10.18	6.64	11.06	11.50	7.52	11.06	10.62	10.62	(12.2%)
3rd/[275,289)	11.32	9.43	7.55	14.47	9.43	9.43	13.21	8.81	8.18	8.18	(8.6%)
4th/[289,307)	7.91	10.23	13.02	10.70	8.84	7.44	9.30	11.16	11.16	10.23	(11.6%)
5th/[307,321)	11.95	10.06	9.43	8.81	13.84	6.92	10.69	7.55	8.18	12.58	(8.6%)
6th/[321,335)	9.57	11.17	7.45	8.51	7.98	15.96	7.98	11.17	10.11	10.11	(10.2%)
7th/[335,354)	10.45	8.46	12.44	11.44	6.97	8.46	11.44	10.45	11.94	7.96	(10.9%)
8th/[354,374)	7.10	10.06	10.65	10.65	14.20	9.47	8.88	8.88	9.47	10.65	(9.1%)
9th/[374,404)	11.49	11.49	5.75	10.92	10.34	8.62	13.22	10.92	6.90	10.34	(9.4%)
10th/[404,600]	10.50	9.13	11.87	9.59	8.22	10.96	8.68	9.59	11.42	10.05	(11.8%)

*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