Student Growth Percentile Goodness–of–Fit Descriptives
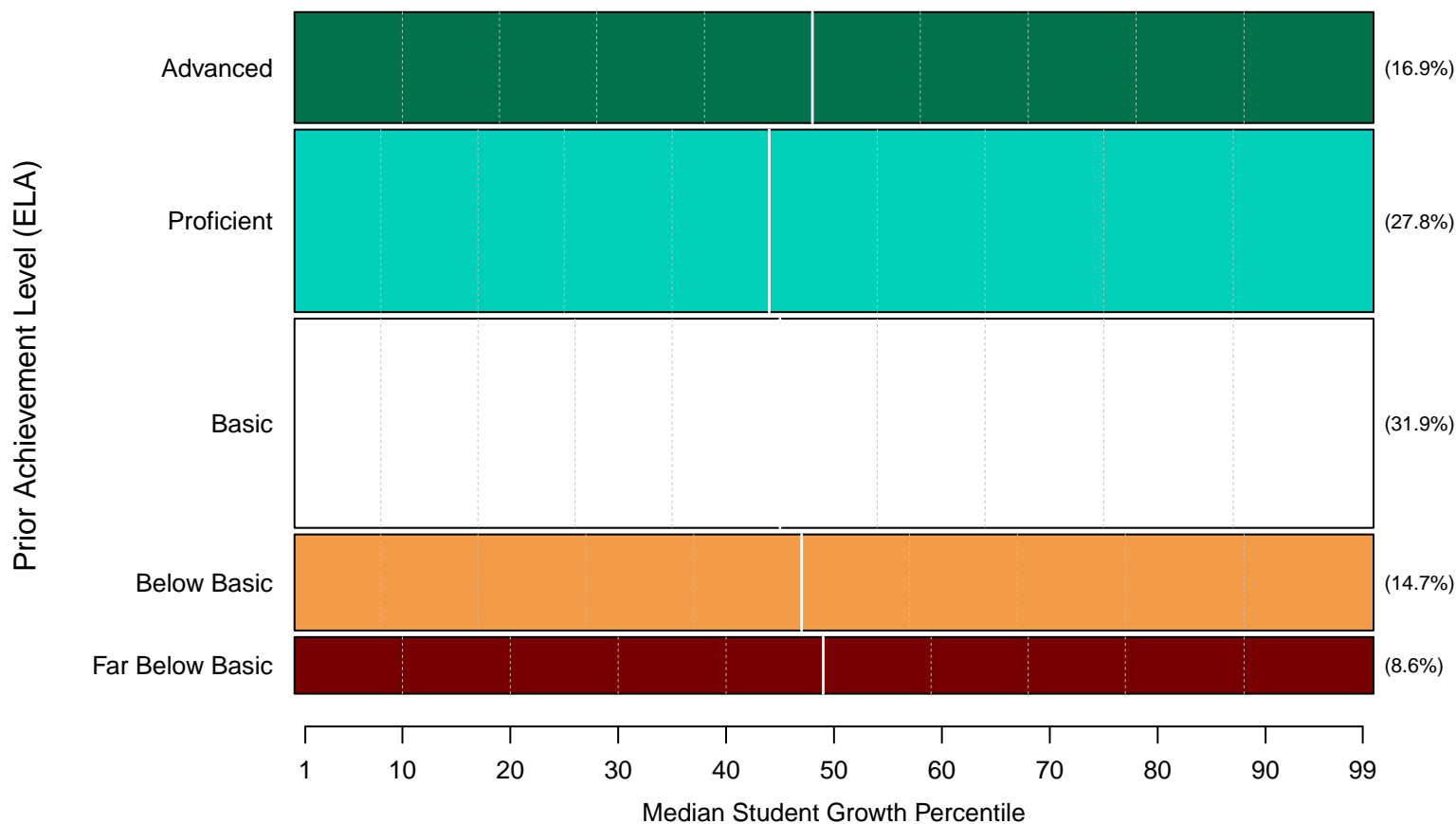## 2013 ELA SGP, Grade 4 (N = 40,719)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(16.9%)
Proficient	(27.8%)
Basic	(31.9%)
Below Basic	(14.7%)
Far Below Basic	(8.6%)

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/[155,265)	9.77	10.25	9.92	9.84	11.05	9.62	11.52	10.02	8.97	9.04	(9.8%)
2nd/[265,292)	11.37	11.46	9.49	10.42	9.69	10.00	10.29	9.05	9.05	9.17	(10.1%)
3rd/[292,311)	11.23	10.69	10.71	11.02	9.92	10.53	9.56	9.84	8.33	8.18	(9.6%)
4th/[311,327)	11.94	11.12	11.28	10.39	10.75	10.99	9.41	9.15	7.94	7.02	(9.3%)
5th/[327,344)	12.22	11.08	11.17	10.53	10.00	10.00	10.32	8.19	8.62	7.87	(10.7%)
6th/[344,358)	12.33	11.47	11.12	10.61	10.49	9.92	9.00	8.74	9.17	7.16	(8.5%)
7th/[358,374)	11.53	12.52	10.91	10.98	10.96	9.55	9.24	8.48	8.51	7.33	(9.4%)
8th/[374,400)	11.50	11.21	11.40	10.21	10.07	9.99	9.30	8.97	8.89	8.46	(12.5%)
9th/[400,426)	10.71	11.20	10.74	10.58	10.04	9.53	9.44	9.90	9.31	8.55	(9.1%)
10th/[426,600]	9.77	10.92	10.61	10.00	9.84	10.45	9.95	10.25	9.84	8.36	(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