Student Growth Percentile Goodness–of–Fit Descriptives
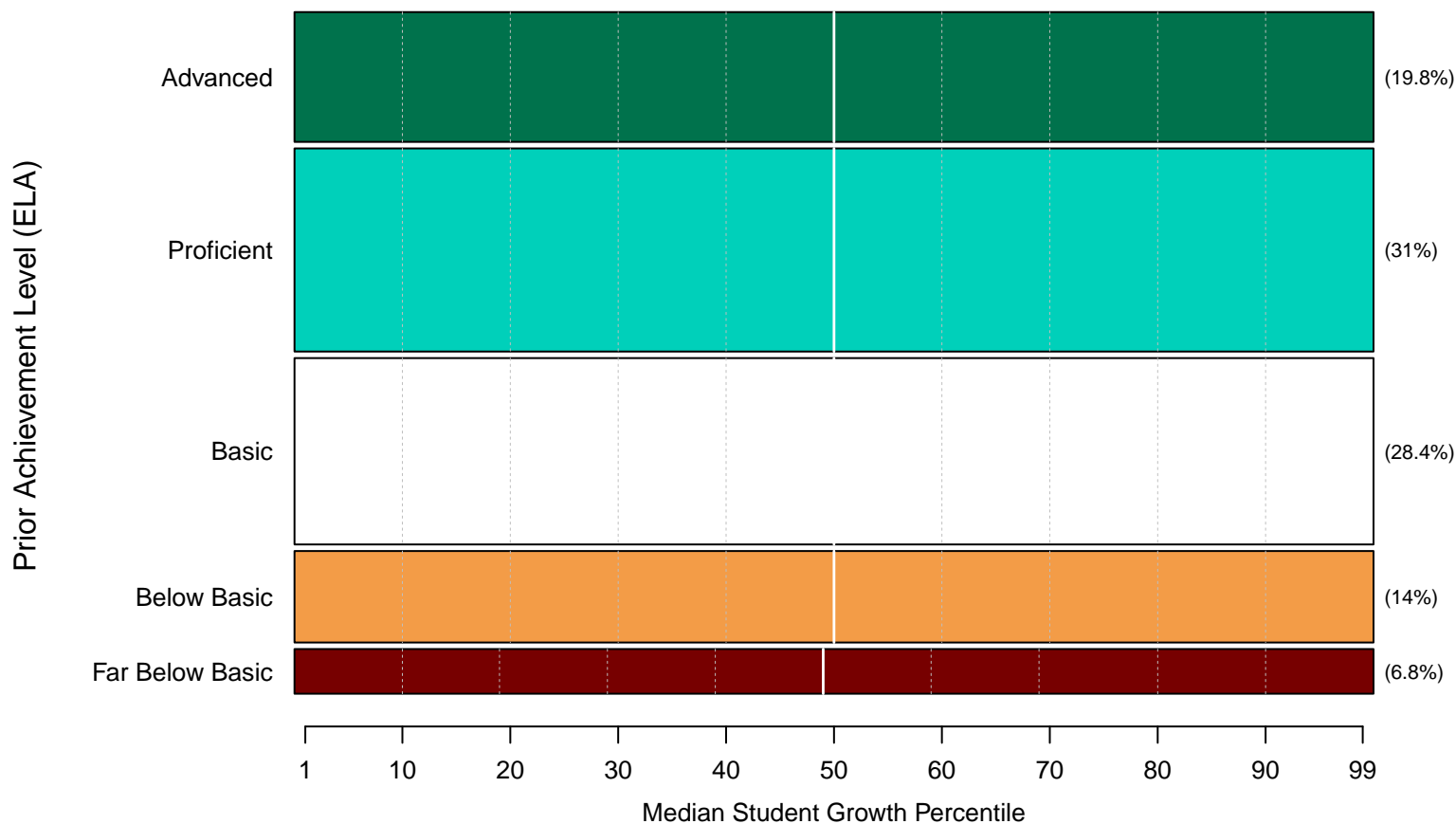## 2013 History SGP, Grade 8 (N = 36,240)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(19.8%)
Proficient	(31%)
Basic	(28.4%)
Below Basic	(14%)
Far Below Basic	(6.8%)

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

Student Growth Percentile Range

Prior Scale Score Decile/Range *

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/[150,274)	9.53	10.23	10.09	10.01	9.59	10.03	10.14	9.81	9.89	10.67	(9.9%)
2nd/[274,298)	9.71	9.51	10.36	10.16	10.30	9.71	10.04	10.07	10.30	9.83	(9.3%)
3rd/[298,319)	9.08	10.87	9.32	9.64	10.06	10.27	10.34	9.92	9.48	11.03	(10.5%)
4th/[319,332)	9.84	9.53	10.28	10.62	9.74	9.84	9.46	10.11	10.35	10.24	(8.1%)
5th/[332,350)	9.66	9.39	10.07	10.12	10.27	10.10	9.83	10.12	10.39	10.05	(11.3%)
6th/[350,365)	9.47	10.14	9.64	9.59	9.61	10.45	9.95	10.03	9.97	11.14	(9.9%)
7th/[365,381)	9.32	10.54	10.51	9.90	10.51	9.40	10.31	10.04	9.32	10.16	(9.5%)
8th/[381,398)	9.65	10.21	9.59	10.66	9.89	9.80	9.95	9.41	10.36	10.48	(9.3%)
9th/[398,424)	9.78	9.64	10.22	9.33	10.01	10.25	9.59	10.30	10.04	10.83	(10.5%)
10th/[424,600]	9.36	10.00	10.12	10.02	10.09	9.81	10.45	10.09	9.81	10.26	(11.6%)

*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