Student Growth Percentile Goodness–of–Fit Descriptives
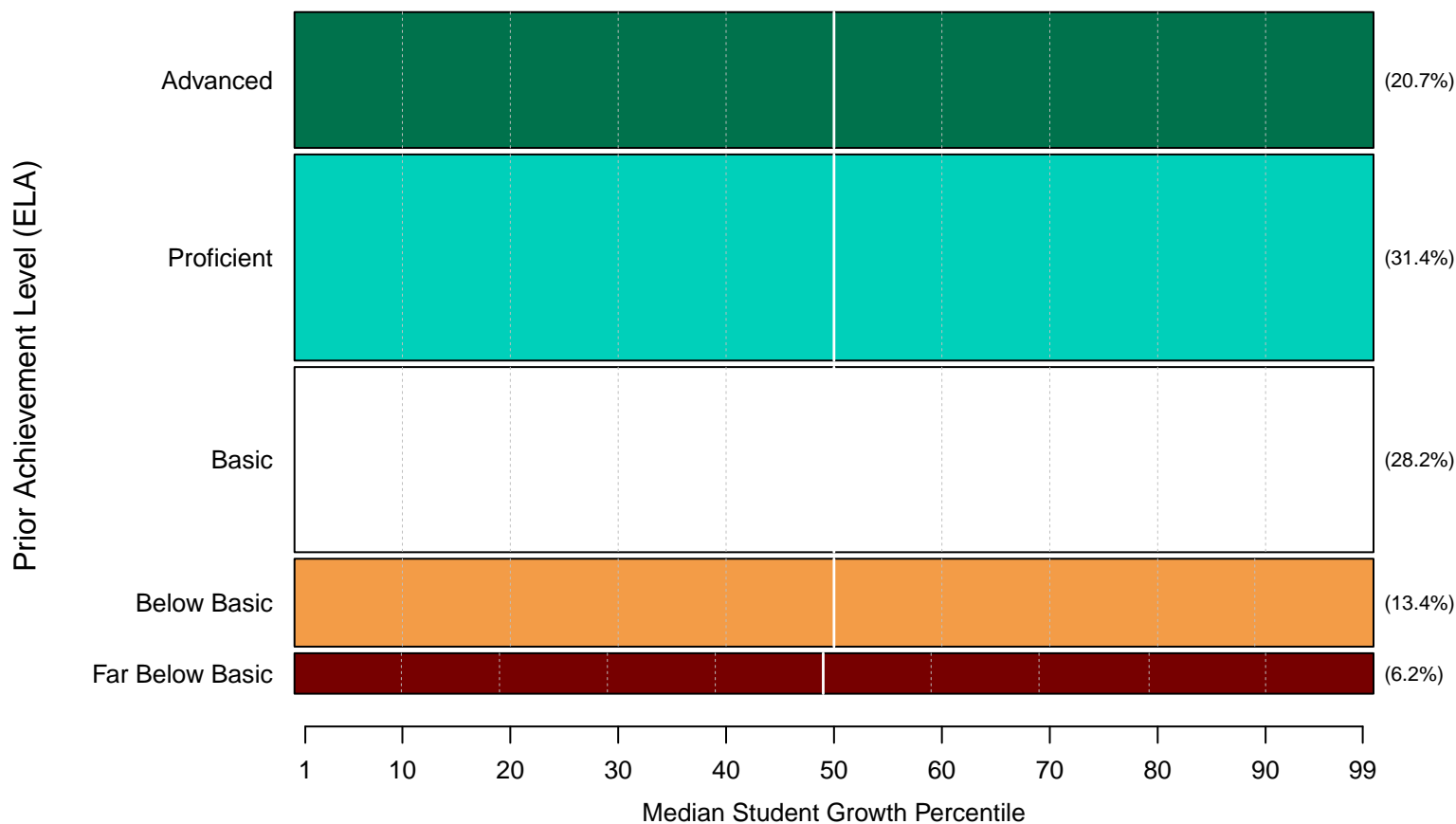## 2013 History SGP, Grade 8 (N = 31,239)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (20.7%)
- Proficient (31.4%)
- Basic (28.2%)
- Below Basic (13.4%)
- Far Below Basic (6.2%)

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/[150,274)	9.63	10.08	9.94	10.29	9.59	9.84	10.19	10.05	9.70	10.68	(9.1%)
2nd/[274,301)	9.46	10.01	10.13	9.58	10.44	10.62	9.77	10.29	10.16	9.52	(10.5%)
3rd/[301,319)	9.05	10.89	9.56	10.03	9.81	9.42	10.28	9.74	9.74	11.47	(8.9%)
4th/[319,336)	9.92	9.21	10.38	10.07	10.35	9.86	9.77	9.73	10.20	10.51	(10.4%)
5th/[336,350)	10.02	9.31	10.35	10.56	9.81	10.17	9.88	10.17	10.31	9.42	(9%)
6th/[350,365)	9.32	10.00	9.71	9.16	9.65	10.35	9.77	10.55	10.03	11.45	(10%)
7th/[365,385)	9.24	11.24	9.61	10.47	10.33	9.53	10.81	9.40	9.43	9.93	(12%)
8th/[385,403)	9.73	9.06	9.70	10.41	10.27	9.83	9.70	9.73	10.81	10.75	(9.5%)
9th/[403,430)	9.75	9.69	10.55	9.42	9.75	10.15	9.60	10.46	9.78	10.83	(10.4%)
10th/[430,600]	9.40	10.30	9.96	10.06	9.87	10.27	9.99	9.99	9.96	10.18	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution