Student Growth Percentile Goodness–of–Fit Descriptives
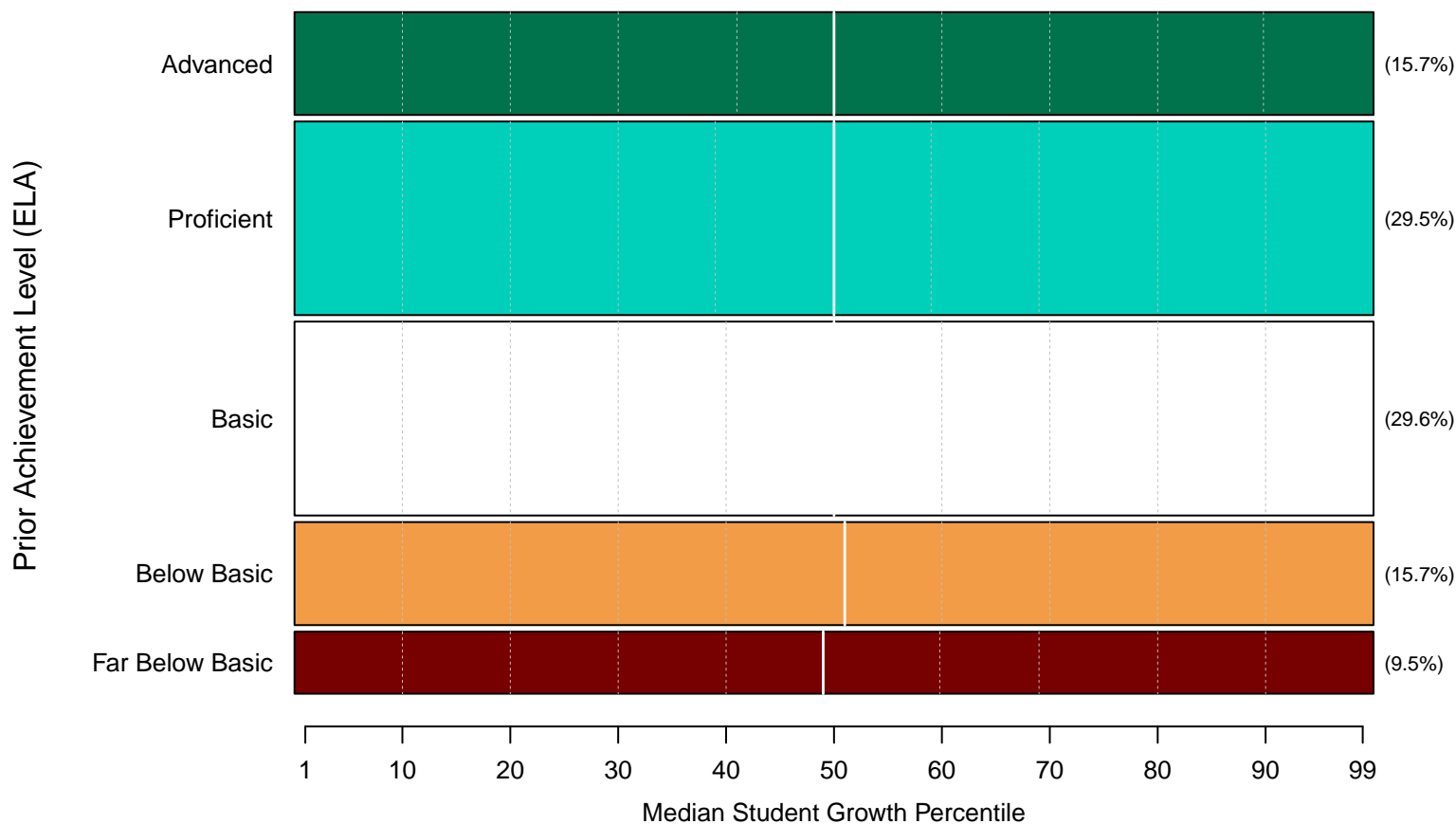## 2012 History SGP, Grade 8 (N = 40,496)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(15.7%)
Proficient	(29.5%)
Basic	(29.6%)
Below Basic	(15.7%)
Far Below Basic	(9.5%)

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/[150,265)	9.85	10.19	9.72	10.11	10.81	9.36	10.50	9.36	9.75	10.37	(9.5%)
2nd/[265,289)	9.35	9.38	10.69	9.73	9.89	9.38	10.21	10.10	10.64	10.61	(9.2%)
3rd/[289,309)	9.21	11.01	9.23	10.74	8.91	11.21	9.21	10.55	9.47	10.45	(10.1%)
4th/[309,326)	9.86	9.66	10.66	10.69	10.06	8.52	10.81	9.61	9.93	10.21	(9.8%)
5th/[326,343)	9.60	9.71	10.22	8.74	11.41	10.17	9.82	9.91	10.13	10.28	(11.2%)
6th/[343,358)	9.34	9.87	10.40	10.12	9.11	9.26	10.32	11.13	9.59	10.85	(9.8%)
7th/[358,374)	9.81	10.86	8.96	9.70	9.83	11.44	9.36	9.15	10.41	10.49	(9.4%)
8th/[374,391)	9.31	9.66	11.53	10.76	8.78	10.38	10.21	9.28	10.13	9.96	(9%)
9th/[391,415)	9.78	10.53	10.29	9.80	9.29	11.14	9.88	9.10	10.05	10.14	(10.2%)
10th/[415,600]	9.70	9.70	9.34	10.41	10.87	9.17	9.21	11.23	9.93	10.43	(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