Student Growth Percentile Goodness–of–Fit Descriptives
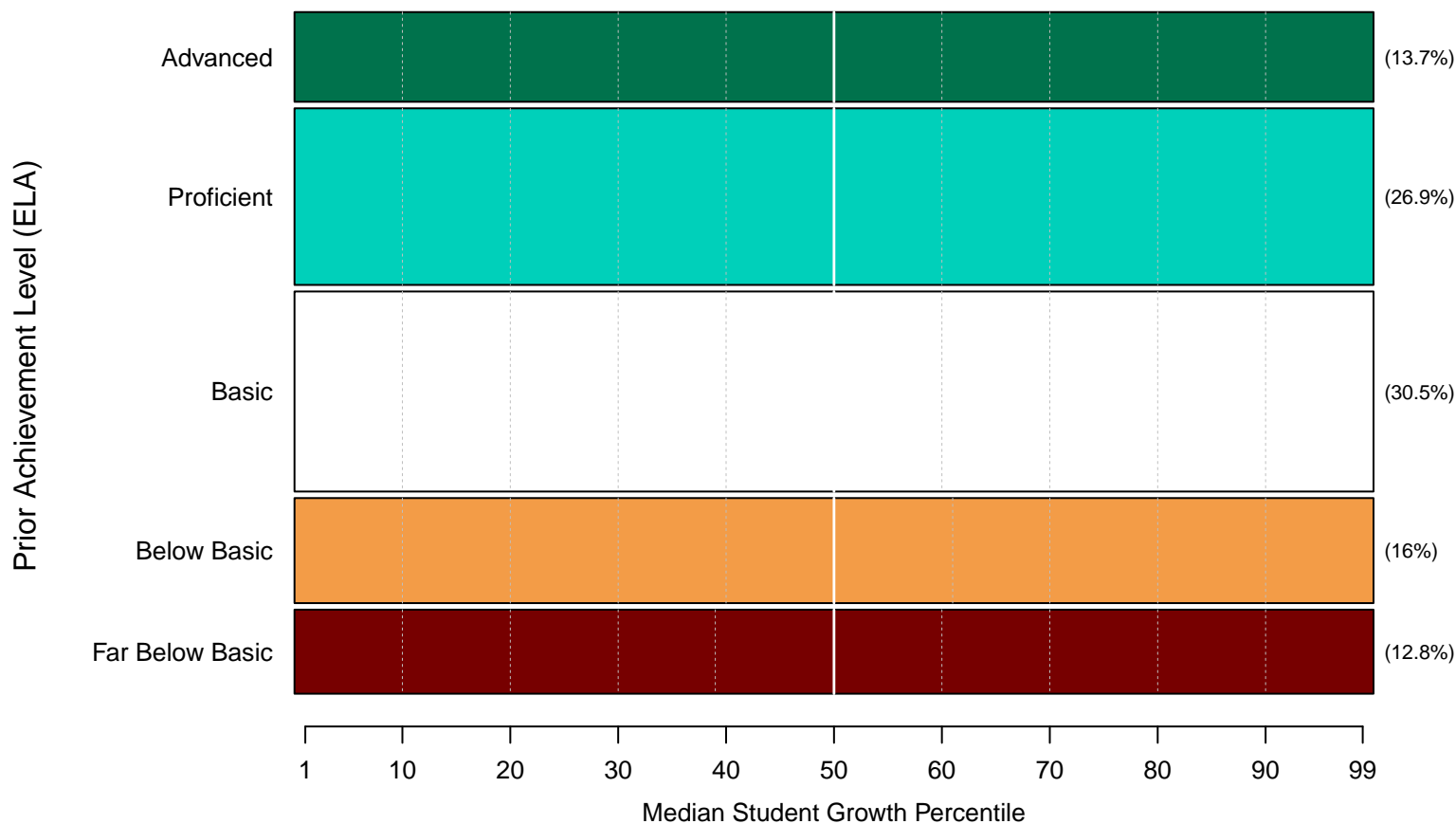## 2011 History SGP, Grade 8 (N = 39,788)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	(%)
Advanced	(13.7%)
Proficient	(26.9%)
Basic	(30.5%)
Below Basic	(16%)
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/[151,255)	9.34	10.32	10.35	10.06	10.01	9.72	10.44	9.54	10.12	10.09	(8.7%)
2nd/[255,280)	9.96	9.61	9.63	9.78	10.20	10.57	9.29	10.75	9.51	10.70	(10.2%)
3rd/[280,300)	9.09	9.79	10.37	10.22	9.92	9.09	10.34	9.87	10.54	10.77	(10%)
4th/[300,317)	9.56	10.55	10.07	9.70	10.07	10.71	10.26	9.29	10.07	9.72	(9.4%)
5th/[317,333)	9.77	9.96	9.82	10.11	9.65	9.94	9.55	10.65	9.60	10.96	(10.3%)
6th/[333,351)	9.52	9.43	10.03	10.43	10.22	9.76	10.13	9.73	9.97	10.78	(10.8%)
7th/[351,366)	8.90	10.23	9.72	9.50	10.06	10.40	9.86	10.45	10.54	10.34	(8.9%)
8th/[366,386)	9.71	11.01	10.27	10.19	9.79	9.67	10.17	9.57	9.76	9.86	(10.5%)
9th/[386,414)	9.87	9.38	10.00	9.80	9.96	10.61	9.75	9.87	9.98	10.79	(10.9%)
10th/[414,600]	9.27	10.12	9.78	10.05	10.17	9.86	9.95	10.34	9.88	10.56	(10.4%)

*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