Student Growth Percentile Goodness–of–Fit Descriptives
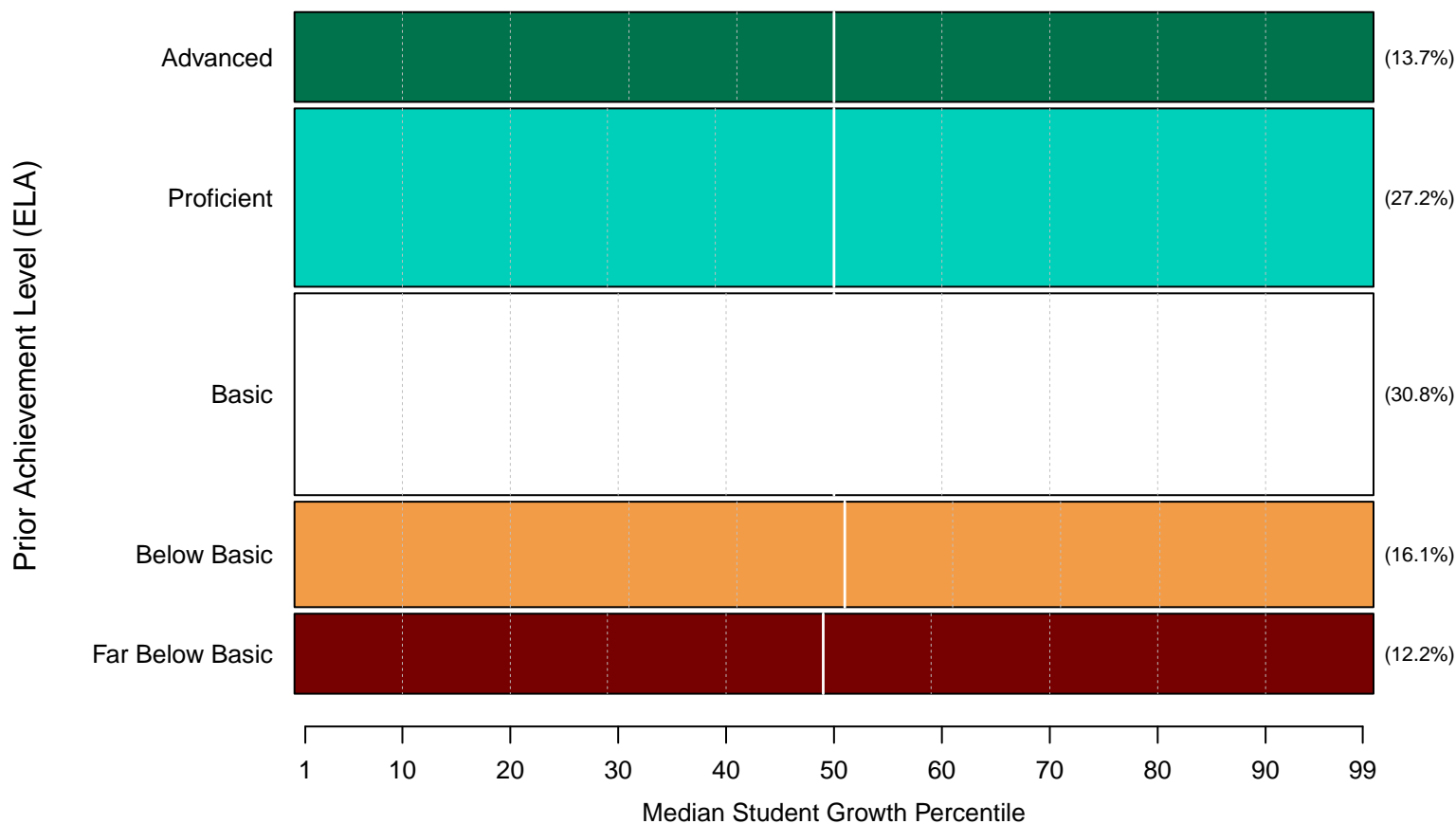## 2011 ELA SGP, Grade 8 (N = 41,613)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(13.7%)
Proficient	(27.2%)
Basic	(30.8%)
Below Basic	(16.1%)
Far Below Basic	(12.2%)

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/[151,259)	9.77	10.35	10.52	9.87	10.15	10.05	9.21	10.27	9.77	10.05	(9.5%)
2nd/[259,283)	9.31	9.54	9.40	10.04	9.75	9.96	10.53	9.52	10.22	11.73	(10.2%)
3rd/[283,300)	9.47	10.37	9.44	9.42	9.87	10.26	9.90	11.14	9.64	10.49	(8.5%)
4th/[300,320)	9.97	10.41	10.76	10.18	9.97	9.44	9.95	9.38	10.11	9.84	(11.5%)
5th/[320,333)	9.72	9.92	9.21	9.72	9.41	10.88	9.86	10.26	10.37	10.66	(8.5%)
6th/[333,351)	9.47	9.62	10.00	10.41	10.46	9.69	10.13	9.71	9.40	11.12	(10.9%)
7th/[351,366)	9.44	9.71	10.06	9.90	10.11	9.57	10.00	10.32	10.06	10.83	(9%)
8th/[366,386)	9.78	10.71	10.10	9.69	9.57	10.41	10.30	9.98	9.91	9.55	(10.6%)
9th/[386,414)	9.37	9.92	10.14	10.36	9.96	9.46	9.85	9.59	10.90	10.44	(11%)
10th/[414,600)	9.80	9.91	9.75	9.82	10.28	10.05	9.89	10.42	9.52	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