Student Growth Percentile Goodness–of–Fit Descriptives
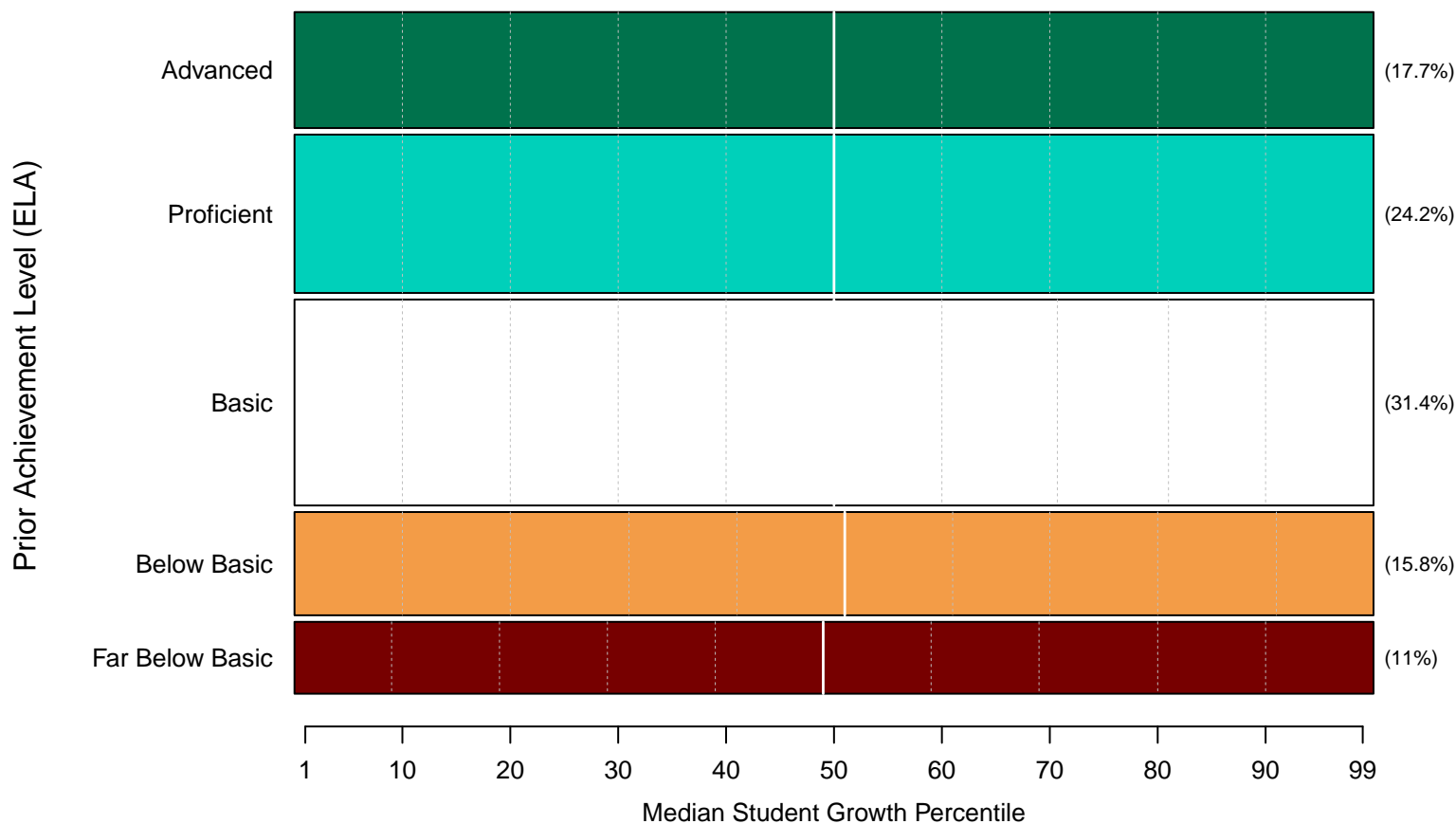## 2012 ELA SGP, Grade 9 (N = 35,458)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(17.7%)
Proficient	(24.2%)
Basic	(31.4%)
Below Basic	(15.8%)
Far Below Basic	(11%)

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/[173,265)	10.15	10.48	10.39	9.49	9.73	10.36	9.79	9.43	9.73	10.48	(9.4%)
2nd/[265,286)	9.80	10.06	9.89	10.03	9.35	9.78	10.23	10.20	9.97	10.68	(10%)
3rd/[286,304)	9.48	9.87	8.89	9.26	10.36	10.64	9.69	10.55	10.00	11.25	(9.2%)
4th/[304,320)	8.79	10.03	10.76	10.82	10.48	9.35	9.80	9.80	9.89	10.28	(10%)
5th/[320,338)	10.33	9.43	9.72	9.27	9.40	9.85	10.49	9.25	10.12	12.13	(10.6%)
6th/[338,352)	9.46	10.37	9.33	10.03	10.25	10.06	10.06	10.25	9.84	10.37	(8.9%)
7th/[352,371)	9.65	9.76	10.32	9.60	10.70	9.17	10.04	10.57	10.14	10.06	(11.1%)
8th/[371,389)	9.56	9.43	9.59	10.24	9.17	11.11	9.59	9.69	10.11	11.50	(8.7%)
9th/[389,415)	9.43	10.38	9.70	10.51	9.32	10.27	10.38	9.62	9.40	10.98	(10.4%)
10th/[415,600]	10.03	9.42	10.20	9.59	10.63	9.88	9.84	10.15	10.32	9.93	(11.7%)

*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