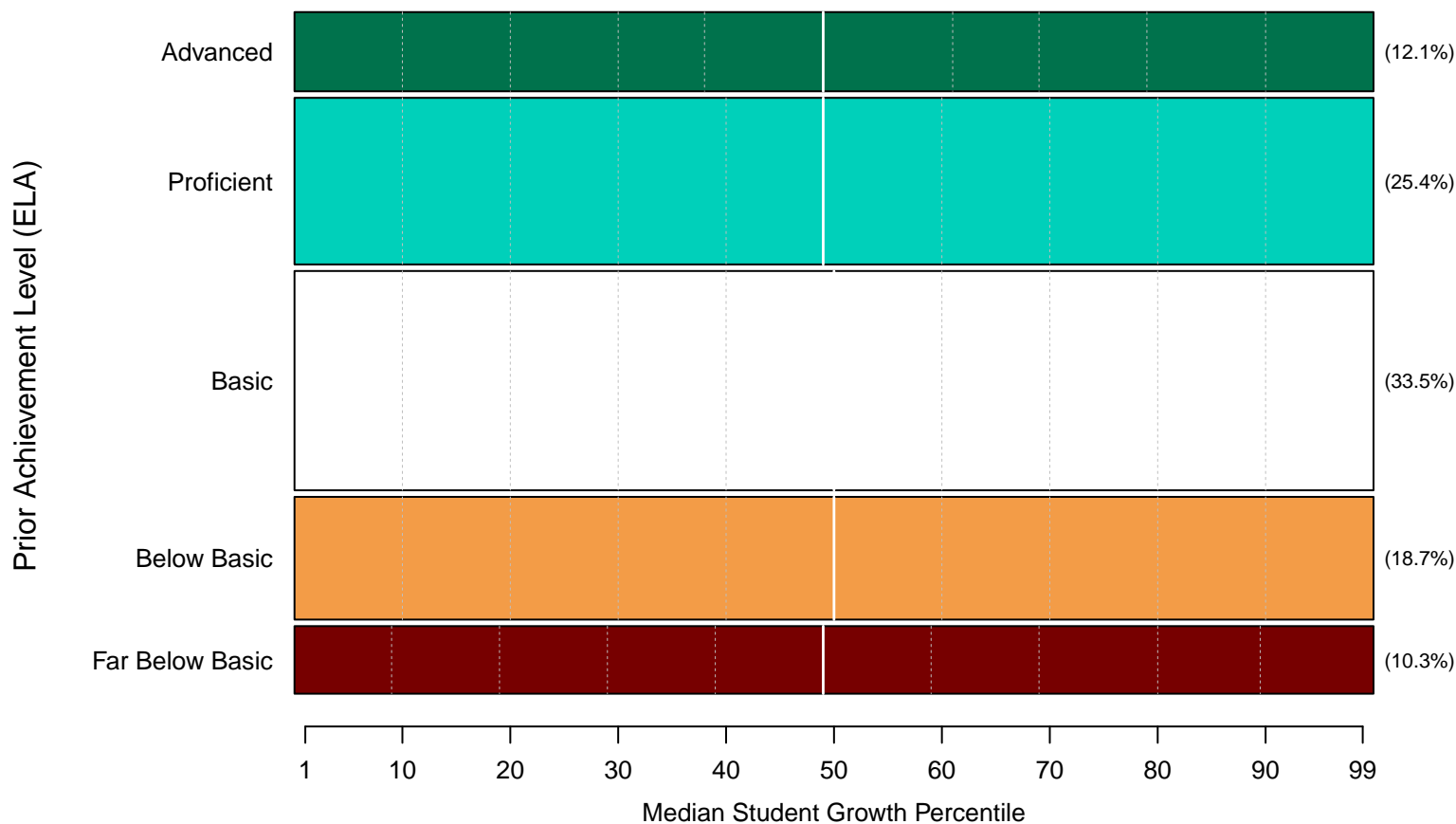# Student Growth Percentile Goodness–of–Fit Descriptives
2010 ELA SGP, Grade 7 (N = 42,432)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(12.1%)
Proficient	(25.4%)
Basic	(33.5%)
Below Basic	(18.7%)
Far Below Basic	(10.3%)

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/[166,266)	10.12	9.90	10.36	9.30	10.12	10.36	10.01	9.44	10.41	9.98	(8.7%)
2nd/[266,286)	9.60	10.08	10.19	10.50	9.23	8.92	11.28	9.84	9.69	10.67	(10.8%)
3rd/[286,301)	9.41	9.92	10.02	9.13	10.00	11.21	9.73	10.66	9.53	10.39	(9.5%)
4th/[301,316)	9.40	9.80	9.94	10.46	10.83	10.10	9.00	8.83	10.83	10.81	(10%)
5th/[316,331)	10.23	11.07	9.26	10.17	9.83	8.73	10.54	10.91	9.22	10.03	(10.7%)
6th/[331,344)	8.97	8.56	11.14	8.23	9.91	10.68	10.79	10.95	9.91	10.87	(8.6%)
7th/[344,361)	9.91	10.60	9.73	10.78	9.80	10.38	11.18	7.73	9.04	10.84	(10.6%)
8th/[361,380)	9.57	9.65	9.22	11.29	10.29	9.44	8.24	11.12	11.18	10.00	(10.8%)
9th/[380,403)	9.18	10.23	11.78	7.43	12.29	10.09	9.37	9.95	9.63	10.05	(10.1%)
10th/[403,600]	10.05	9.89	9.91	11.41	9.50	7.86	11.81	9.87	9.40	10.30	(10.2%)

*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