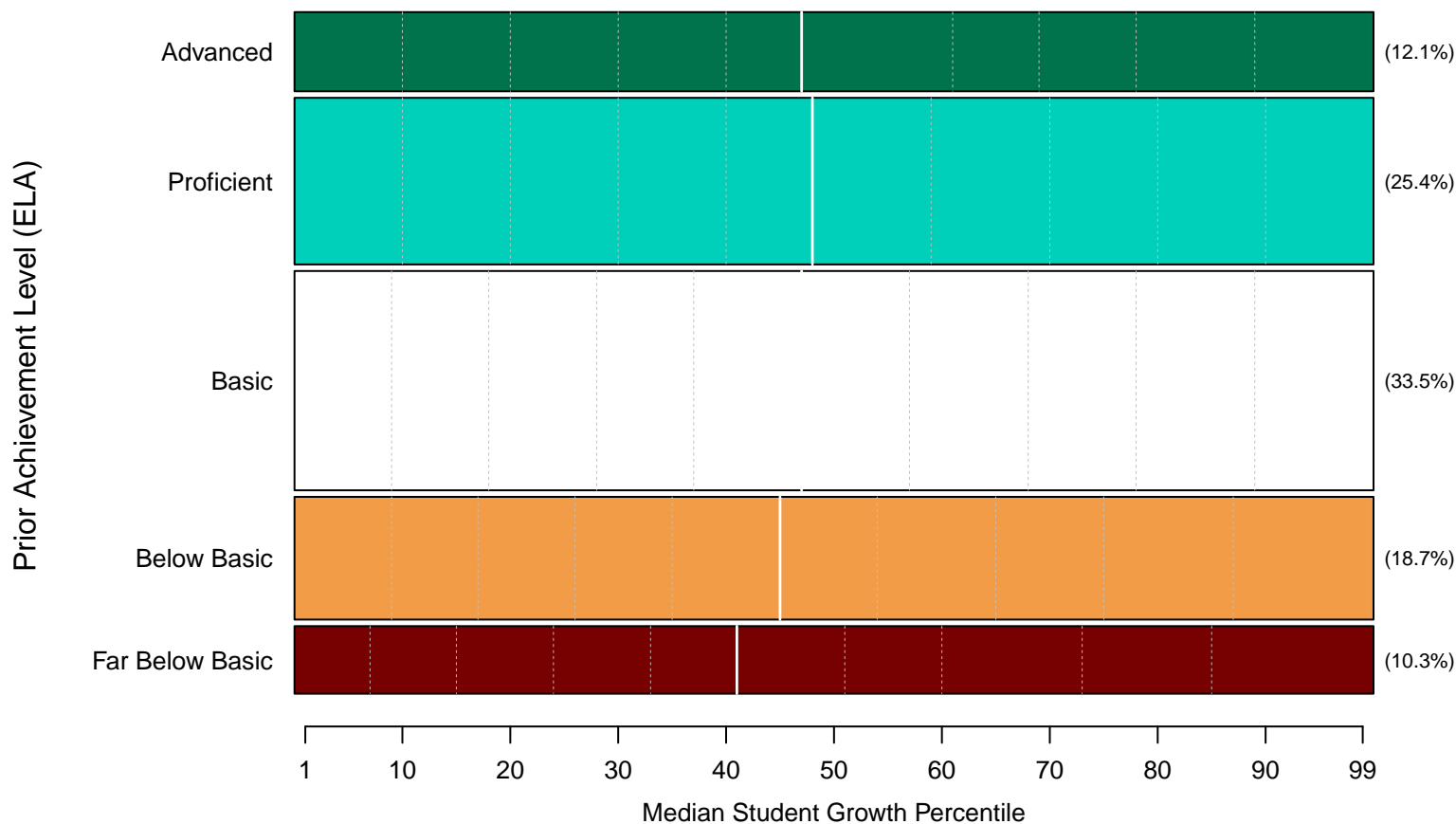# Student Growth Percentile Goodness–of–Fit Descriptives
2010 ELA SGP, Grade 7 (N = 42,432)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	(%)
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 *	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)	12.67	11.69	11.93	10.88	10.85	10.36	9.38	7.81	7.35	7.08	(8.7%)
2nd/[266,286)	11.72	12.35	11.24	11.28	10.56	9.25	8.53	9.49	7.77	7.81	(10.8%)
3rd/[286,301)	10.84	12.17	11.13	8.39	10.74	11.90	9.63	8.52	8.12	8.57	(9.5%)
4th/[301,316)	11.21	10.65	11.42	8.20	10.03	10.86	11.09	7.72	9.77	9.04	(10%)
5th/[316,331)	11.57	11.35	11.64	8.93	9.79	9.94	9.44	8.78	9.94	8.60	(10.7%)
6th/[331,344)	9.88	10.79	11.20	9.74	6.82	10.65	10.51	10.51	9.60	10.29	(8.6%)
7th/[344,361)	10.60	11.31	9.11	8.91	10.96	11.82	9.67	8.47	9.31	9.84	(10.6%)
8th/[361,380)	9.35	9.87	8.45	10.88	11.49	9.41	8.21	11.14	10.40	10.79	(10.8%)
9th/[380,403)	8.64	8.41	12.03	8.08	13.74	7.62	11.85	9.93	8.83	10.86	(10.1%)
10th/[403,600]	9.73	10.81	9.31	10.79	10.12	8.36	11.81	9.98	9.24	9.84	(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