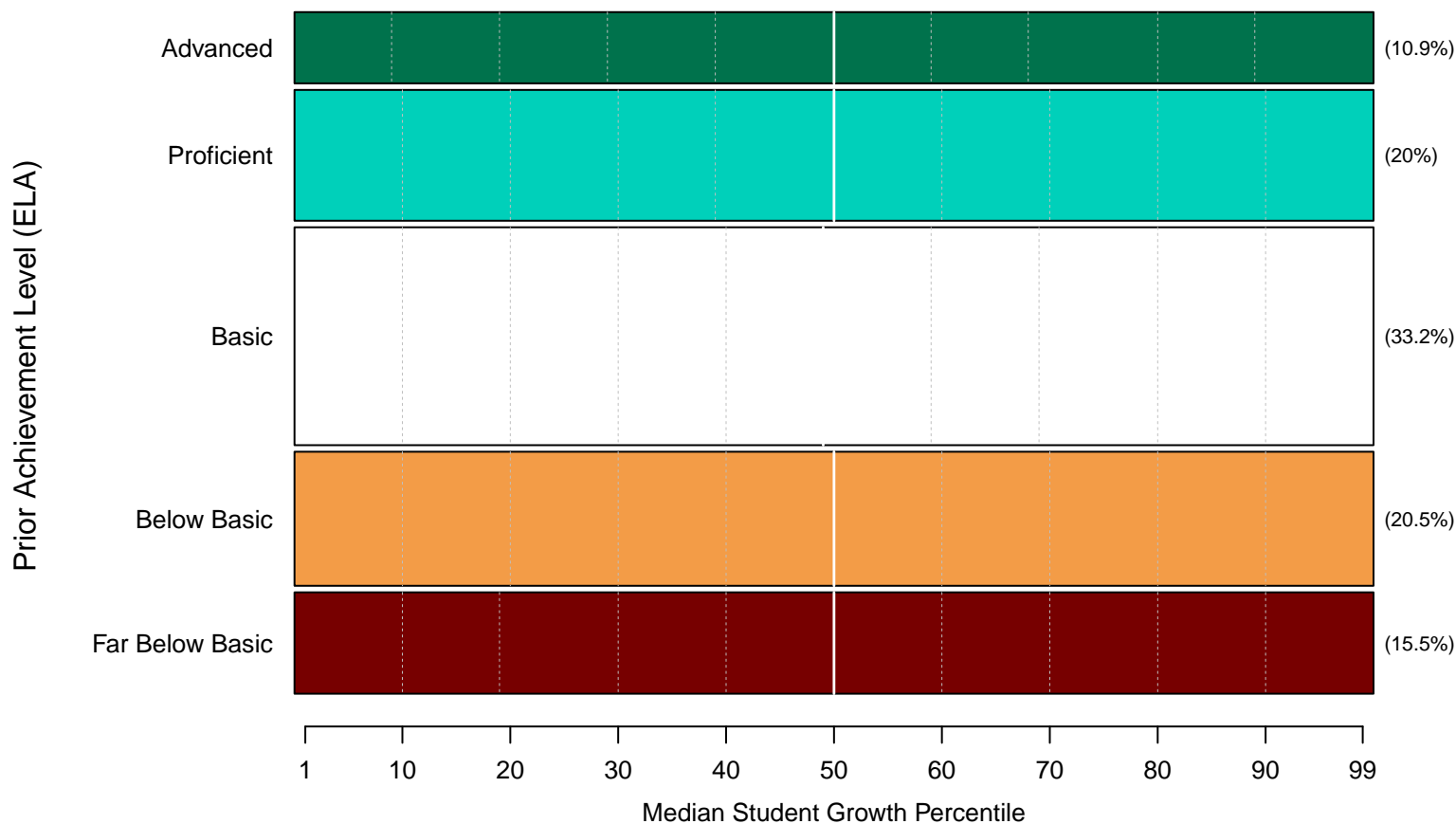# Student Growth Percentile Goodness–of–Fit Descriptives
2010 ELA SGP, Grade 9 (N = 39,740)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(10.9%)
Proficient	(20%)
Basic	(33.2%)
Below Basic	(20.5%)
Far Below Basic	(15.5%)

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/[162,256)	9.47	10.34	9.50	10.13	10.10	10.13	9.42	10.18	10.53	10.21	(9.2%)
2nd/[256,275)	9.93	10.64	9.63	8.99	10.62	9.68	10.78	9.39	9.04	11.30	(10.7%)
3rd/[275,289)	9.50	10.08	10.25	10.77	9.42	10.33	9.39	10.52	10.14	9.61	(9.1%)
4th/[289,303)	9.24	9.27	10.57	9.30	9.55	10.40	10.82	10.57	9.85	10.43	(9.1%)
5th/[303,320)	9.68	10.41	10.16	10.87	9.03	10.05	9.95	9.68	9.68	10.49	(11.5%)
6th/[320,334)	9.92	10.04	9.23	9.95	11.24	9.78	8.81	9.62	10.04	11.38	(9%)
7th/[334,351)	9.27	9.82	10.75	8.88	11.56	10.32	10.46	9.36	10.25	9.34	(10.5%)
8th/[351,371)	10.17	9.87	9.87	10.47	8.86	9.36	10.70	10.47	9.67	10.57	(10%)
9th/[371,398)	8.61	10.30	9.92	11.59	9.95	8.71	9.52	10.05	10.35	10.98	(10%)
10th/[398,600]	10.25	10.02	10.30	9.47	9.53	11.39	11.02	7.98	10.25	9.79	(10.9%)

*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