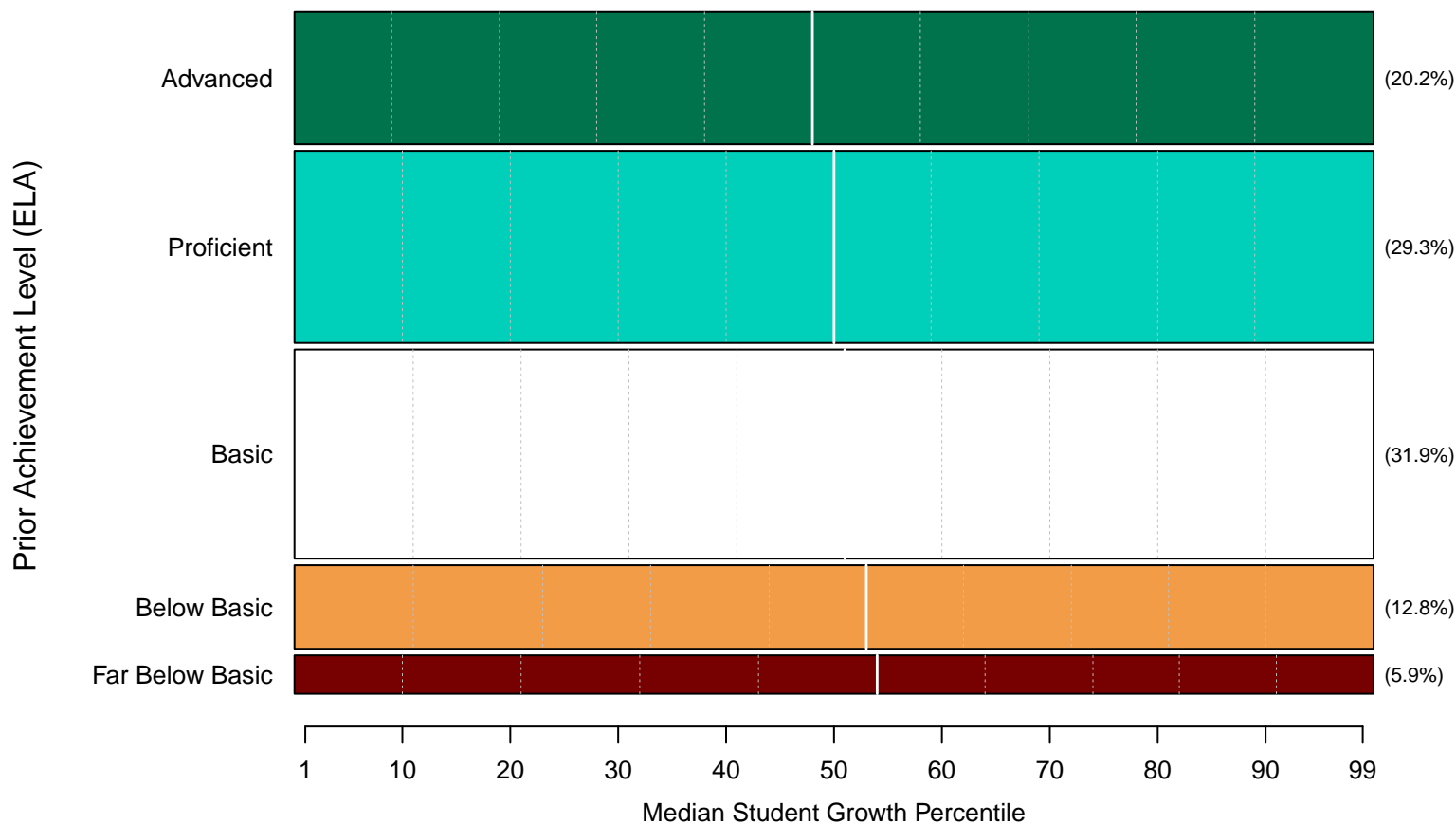# Student Growth Percentile Goodness–of–Fit Descriptives
2013 ELA SGP, Grade 10 (N = 34,749)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percent
Advanced	(20.2%)
Proficient	(29.3%)
Basic	(31.9%)
Below Basic	(12.8%)
Far Below Basic	(5.9%)

Median Student Growth Percentile

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/[156,276)	8.49	9.40	8.86	9.52	9.71	9.99	10.74	10.21	11.53	11.56	(9.2%)
2nd/[276,301)	7.88	8.98	9.75	9.62	9.65	11.03	10.51	11.52	10.39	10.66	(9.4%)
3rd/[301,321)	8.42	9.26	10.98	10.51	10.06	9.74	10.72	10.27	10.06	9.98	(10.9%)
4th/[321,335)	8.35	10.15	9.62	10.57	10.38	10.97	10.15	10.54	9.82	9.46	(8.8%)
5th/[335,348)	8.93	9.29	9.08	10.44	10.03	10.71	10.68	9.55	10.50	10.80	(9.7%)
6th/[348,363)	9.26	10.57	9.09	9.37	10.74	10.00	10.55	9.97	9.39	11.07	(10.5%)
7th/[363,379)	8.78	8.91	10.58	9.29	10.69	10.96	10.66	10.04	10.31	9.77	(10.7%)
8th/[379,398)	9.96	10.55	11.26	9.12	10.88	9.39	9.58	9.10	11.04	9.12	(10.7%)
9th/[398,419)	10.69	10.37	10.56	10.40	10.34	9.61	9.80	10.53	8.66	9.04	(9.1%)
10th/[419,600]	10.09	10.35	10.40	10.24	9.75	10.40	9.62	9.72	9.54	9.88	(11.1%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution