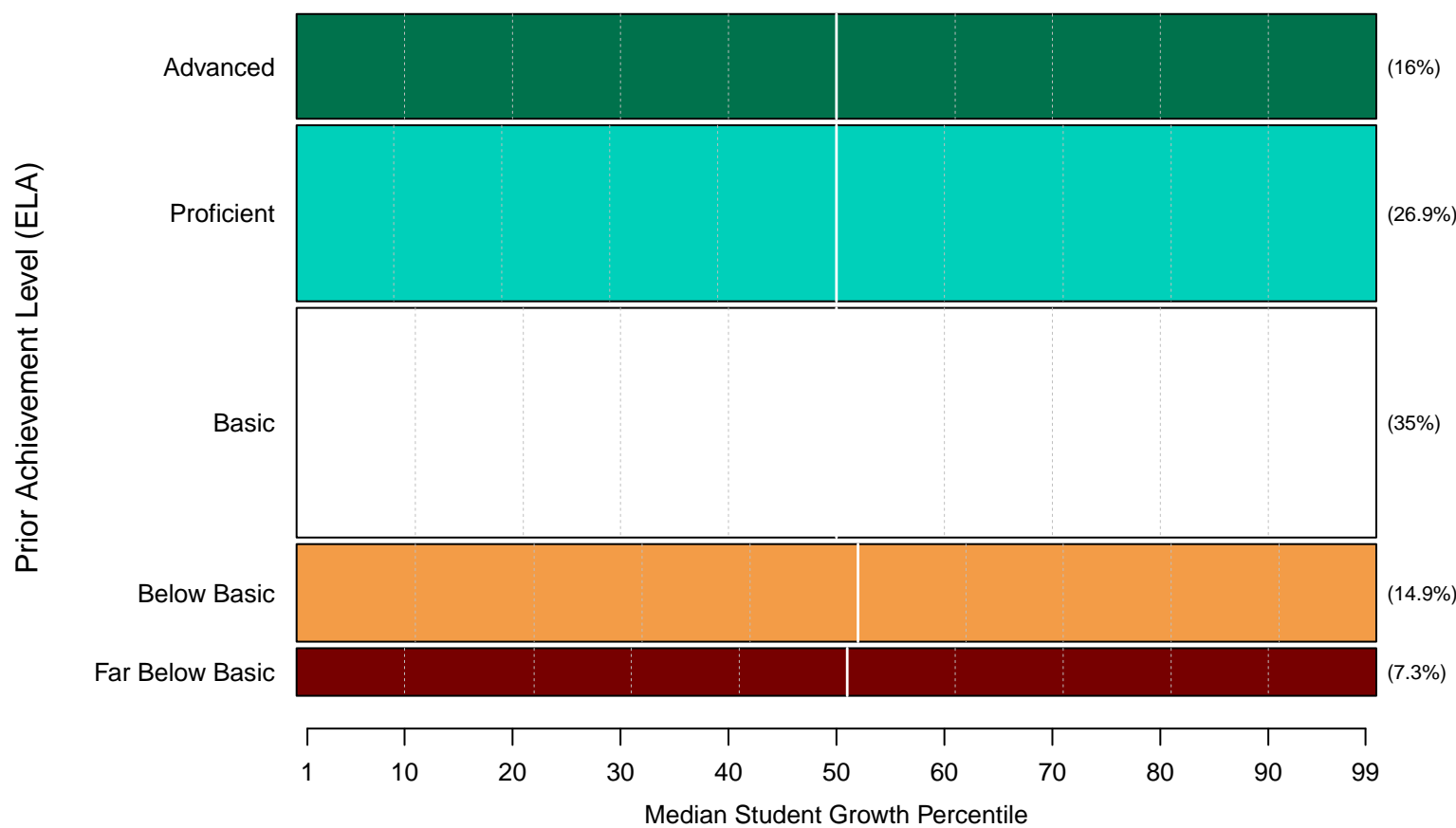# Student Growth Percentile Goodness–of–Fit Descriptives
2012 US History SGP, Grade EOCT (N = 29,780)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(16%)
Proficient	(26.9%)
Basic	(35%)
Below Basic	(14.9%)
Far Below Basic	(7.3%)

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/[174,269)	8.90	8.69	9.75	10.54	9.75	10.36	10.47	10.07	10.50	10.96	(9.4%)
2nd/[269,295)	8.61	9.02	10.01	9.90	9.87	10.01	10.69	10.38	9.80	11.71	(9.9%)
3rd/[295,313)	8.70	10.02	9.38	10.19	10.13	10.29	10.53	9.65	10.43	10.67	(9.9%)
4th/[313,329)	8.50	10.01	10.48	10.89	9.98	9.54	9.67	9.92	10.14	10.86	(10.7%)
5th/[329,342)	9.10	9.89	9.86	10.20	10.27	9.89	9.72	9.76	10.38	10.93	(9.7%)
6th/[342,356)	10.05	10.28	10.25	10.25	9.63	10.51	8.98	9.50	10.25	10.31	(10.4%)
7th/[356,368)	9.82	10.89	9.74	10.11	9.61	10.15	8.59	9.37	11.83	9.90	(8.2%)
8th/[368,386)	9.75	10.62	9.84	9.25	9.97	9.28	9.65	10.56	9.78	11.30	(10.8%)
9th/[386,407)	10.56	10.08	9.83	9.52	9.49	10.74	9.73	10.04	9.52	10.49	(9.7%)
10th/[407,600)	9.48	9.57	9.72	10.10	9.81	9.86	10.81	9.57	10.66	10.42	(11.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution