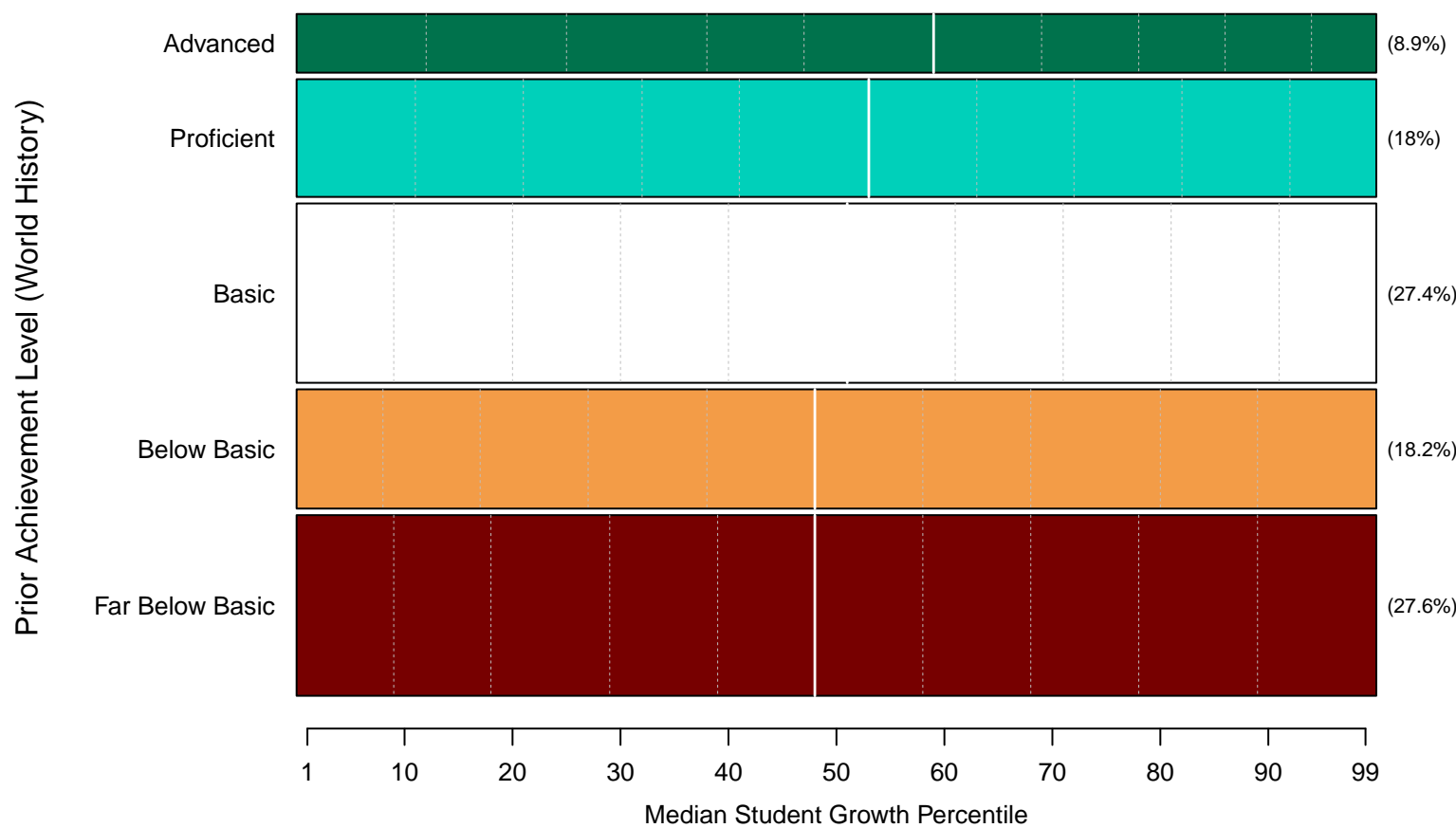# Student Growth Percentile Goodness–of–Fit Descriptives
2010 US History SGP, Grade EOCT (N = 29,352)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (World History)

Level	Percent
Advanced	(8.9%)
Proficient	(18%)
Basic	(27.4%)
Below Basic	(18.2%)
Far Below Basic	(27.6%)

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/[150,245)	9.68	9.26	9.65	10.39	11.55	9.96	10.21	9.05	10.21	10.04	(9.7%)
2nd/[245,261)	9.32	12.54	9.08	10.39	10.20	9.40	9.92	9.24	10.27	9.64	(8.6%)
3rd/[261,275)	11.11	9.94	13.30	9.28	9.83	9.21	9.24	10.12	8.95	9.02	(9.3%)
4th/[275,294)	11.36	12.02	8.65	12.02	10.75	9.09	8.40	7.10	10.97	9.62	(12.3%)
5th/[294,308)	12.19	8.41	9.72	8.95	10.96	8.56	11.23	9.76	9.30	10.92	(8.8%)
6th/[308,322)	9.74	10.05	10.72	10.09	9.70	10.09	8.28	9.97	10.33	11.04	(8.6%)
7th/[322,341)	10.71	9.25	9.19	11.53	7.19	10.20	11.82	9.63	10.01	10.48	(10.8%)
8th/[341,366)	8.95	9.93	11.49	7.49	8.95	9.96	9.50	9.70	11.49	12.53	(11.8%)
9th/[366,396)	8.56	9.91	9.66	9.20	11.22	7.81	9.20	11.79	10.40	12.25	(9.6%)
10th/[396,600]	7.88	8.14	7.88	9.64	8.73	9.48	10.03	10.68	10.75	16.80	(10.5%)

*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