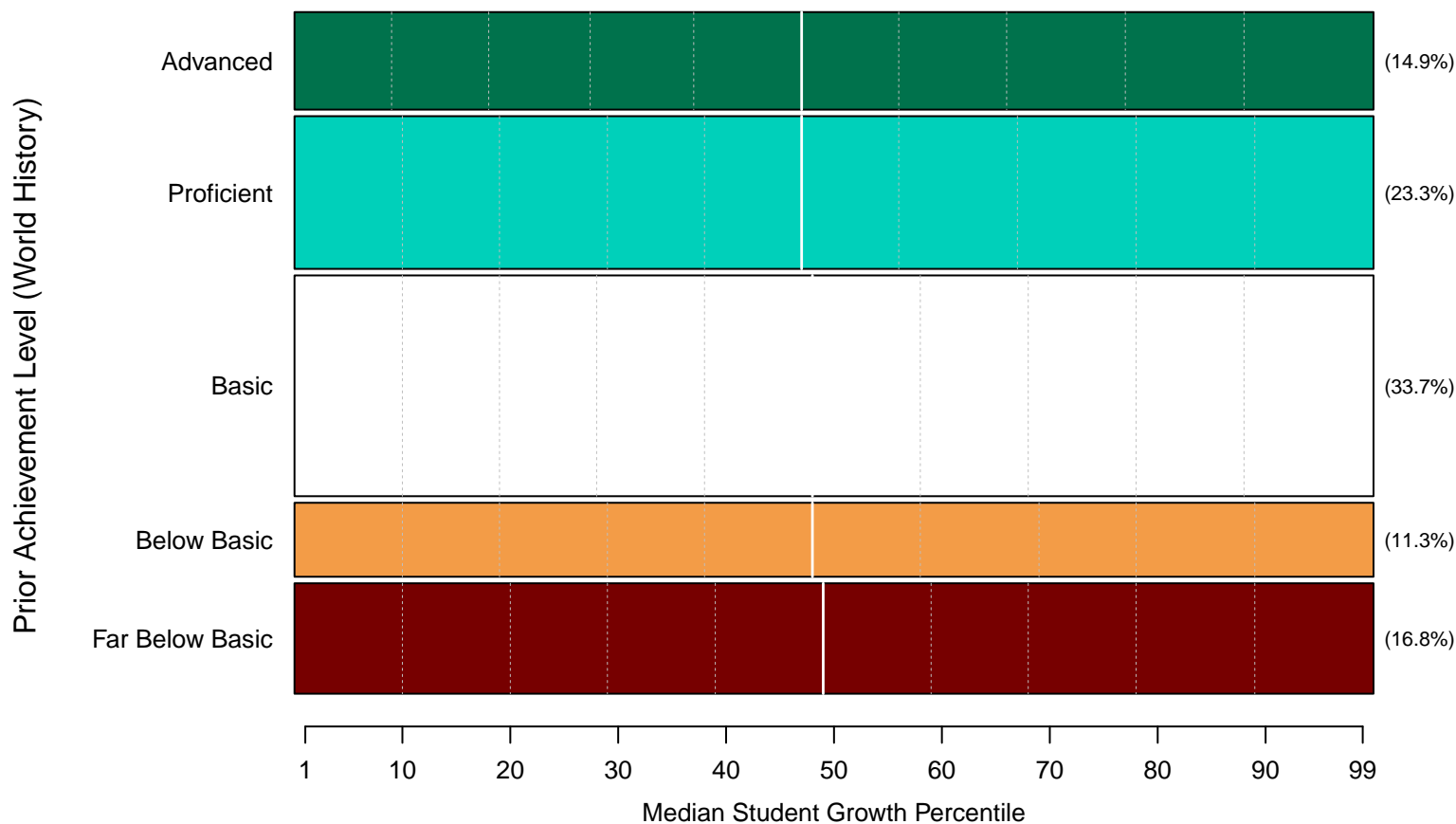# Student Growth Percentile Goodness–of–Fit Descriptives

2013 US History SGP, Grade EOCT (N = 23,782)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (World History):
- Advanced (14.9%)
- Proficient (23.3%)
- Basic (33.7%)
- Below Basic (11.3%)
- Far Below Basic (16.8%)

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/[150,258)	9.54	10.35	10.05	10.39	11.03	10.48	10.52	8.77	9.45	9.41	(9.9%)
2nd/[258,282)	10.57	9.69	10.85	10.20	9.59	9.78	10.71	10.11	8.94	9.55	(9%)
3rd/[282,300)	9.29	10.15	10.20	11.16	9.84	10.43	8.88	10.79	9.79	9.47	(9.2%)
4th/[300,319)	9.90	10.42	10.12	9.86	10.34	10.12	10.27	9.49	9.71	9.79	(11.3%)
5th/[319,333)	10.27	9.86	11.96	9.90	10.50	10.54	8.40	10.00	9.68	8.90	(9.2%)
6th/[333,348)	9.18	10.81	10.34	10.25	9.65	10.85	10.68	9.91	9.70	8.62	(9.8%)
7th/[348,365)	9.95	10.77	10.09	11.96	10.45	10.95	9.13	8.53	8.85	9.31	(9.2%)
8th/[365,390)	8.88	10.86	10.62	11.00	11.00	10.79	9.19	8.57	9.58	9.51	(12.1%)
9th/[390,423)	10.46	11.78	10.29	10.72	10.29	9.83	10.17	8.97	9.27	8.21	(9.9%)
10th/[423,600]	10.26	10.50	10.99	10.38	10.62	11.48	8.87	9.16	8.95	8.79	(10.3%)

*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