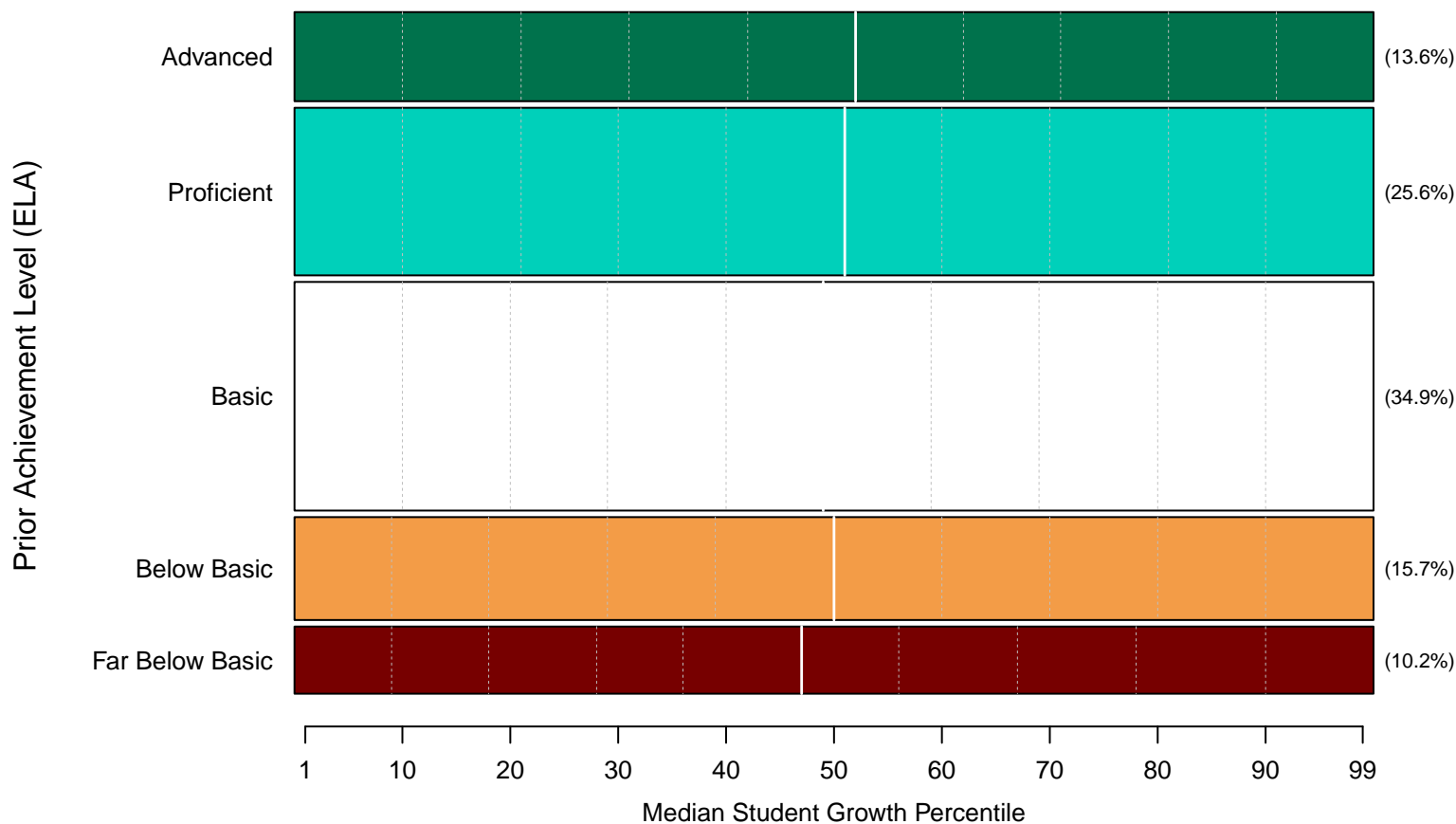# Student Growth Percentile Goodness–of–Fit Descriptives

2011 US History SGP, Grade EOCT (N = 34,507)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percent
Advanced	(13.6%)
Proficient	(25.6%)
Basic	(34.9%)
Below Basic	(15.7%)
Far Below Basic	(10.2%)

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/[152,260)	10.58	11.59	9.82	9.88	10.77	9.72	9.79	8.71	8.58	10.55	(9.1%)
2nd/[260,288)	10.20	10.82	10.79	9.61	9.03	10.61	9.56	9.32	9.99	10.07	(10.8%)
3rd/[288,307)	10.53	10.26	9.42	9.03	10.14	9.48	10.08	10.32	10.20	10.53	(9.6%)
4th/[307,322)	10.38	10.20	10.29	9.43	9.75	11.00	9.49	8.39	10.11	10.97	(9.8%)
5th/[322,335)	9.58	10.24	10.34	10.52	9.43	10.59	9.05	10.52	8.92	10.81	(9.2%)
6th/[335,349)	9.95	8.84	10.52	9.80	11.30	9.98	10.19	9.80	9.74	9.86	(9.7%)
7th/[349,365)	9.29	10.42	9.18	9.38	10.89	9.51	9.68	11.53	8.60	11.50	(10.5%)
8th/[365,382)	9.75	8.06	10.93	11.36	10.84	9.67	8.09	8.81	11.96	10.53	(10.1%)
9th/[382,404)	9.08	10.19	10.40	9.25	9.77	10.19	8.79	11.68	9.56	11.08	(10.1%)
10th/[404,600]	9.11	9.93	9.06	10.32	9.43	9.01	11.19	9.96	10.64	11.35	(11%)

*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