Student Growth Percentile Goodness–of–Fit Descriptives
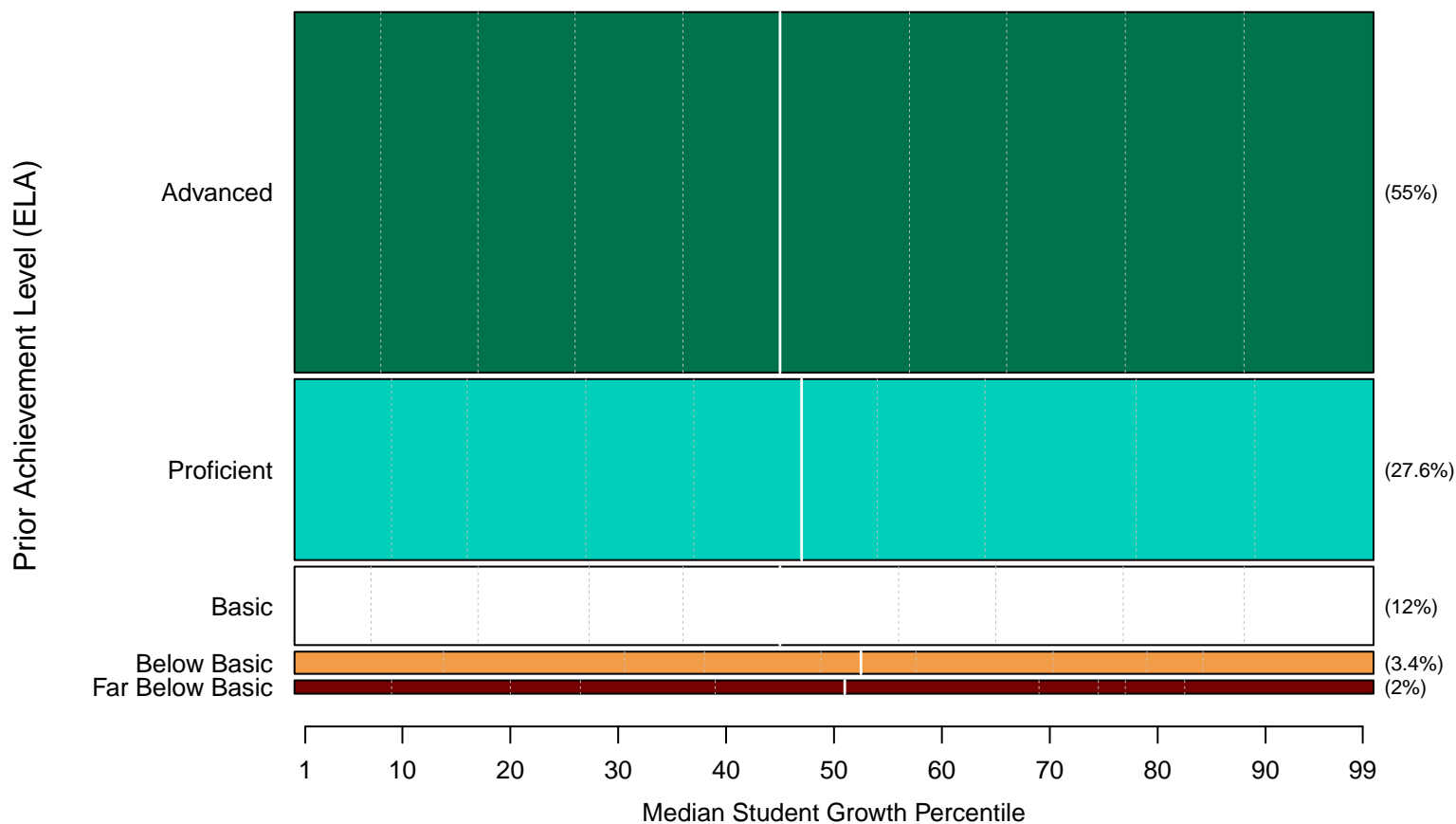
2013 World History SGP, Grade EOCT (N = 1,771)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percent
Advanced	(55%)
Proficient	(27.6%)
Basic	(12%)
Below Basic	(3.4%)
Far Below Basic	(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/[207,327)	12.05	7.23	10.84	8.43	10.24	10.24	10.24	13.86	12.05	4.82	(9.4%)
2nd/[327,354)	9.04	9.64	9.64	13.25	10.84	12.65	9.04	8.43	6.02	11.45	(9.4%)
3rd/[354,370)	6.49	12.34	13.64	13.64	9.09	6.49	9.09	6.49	14.29	8.44	(8.7%)
4th/[370,386)	14.67	12.50	5.43	9.78	14.13	15.76	7.61	6.52	5.98	7.61	(10.4%)
5th/[386,401)	12.17	13.76	10.58	11.11	7.94	7.94	10.58	7.41	6.88	11.64	(10.7%)
6th/[401,411)	9.21	11.18	9.21	13.82	10.53	12.50	6.58	13.16	5.26	8.55	(8.6%)
7th/[411,423)	16.76	8.67	9.25	12.72	10.40	9.83	8.09	9.83	7.51	6.94	(9.8%)
8th/[423,437)	10.90	10.26	10.90	12.18	8.97	6.41	12.18	7.05	12.82	8.33	(8.8%)
9th/[437,463)	10.97	16.03	10.13	11.81	7.59	10.55	8.86	7.59	8.86	7.59	(13.4%)
10th/[463,600]	10.31	9.28	8.76	6.70	13.92	6.70	13.40	4.64	10.82	15.46	(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