Student Growth Percentile Goodness–of–Fit Descriptives
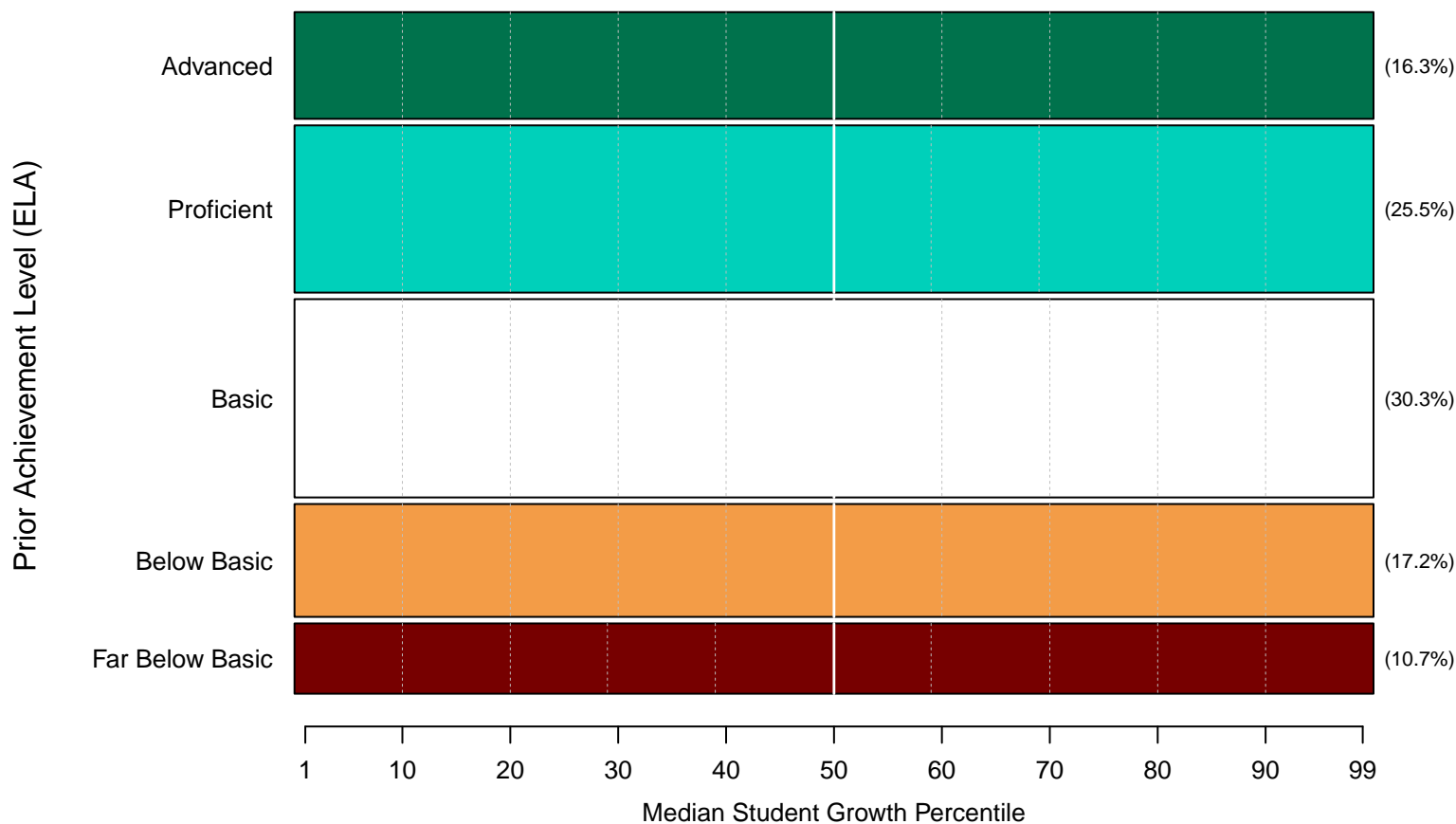## 2011 World History SGP, Grade EOCT (N = 41,889)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percent
Advanced	(16.3%)
Proficient	(25.5%)
Basic	(30.3%)
Below Basic	(17.2%)
Far Below Basic	(10.7%)

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/[150,262)	9.40	10.36	10.34	9.56	10.18	10.70	9.43	10.23	9.56	10.23	(9.2%)
2nd/[262,284)	10.03	10.42	9.67	9.77	9.57	10.10	9.72	10.20	10.44	10.08	(9.9%)
3rd/[284,305)	9.42	9.58	9.97	9.84	10.81	9.91	10.13	9.93	9.40	11.01	(10.8%)
4th/[305,320)	9.67	10.20	9.51	11.15	9.15	9.48	10.96	9.41	10.20	10.27	(10%)
5th/[320,336)	9.34	10.29	10.29	8.83	9.81	10.95	9.26	11.40	9.73	10.10	(9%)
6th/[336,350)	9.24	10.41	9.89	11.01	9.63	10.15	9.26	9.99	9.86	10.56	(9.2%)
7th/[350,365)	10.01	8.81	10.63	10.65	9.91	10.23	9.88	9.34	9.48	11.05	(9.6%)
8th/[365,386)	9.70	10.24	9.18	10.22	10.55	10.34	9.68	9.84	10.34	9.93	(11.5%)
9th/[386,412)	9.34	10.54	10.43	9.61	10.27	9.00	11.29	9.09	9.86	10.54	(10.5%)
10th/[412,600]	9.89	9.75	9.96	10.15	9.68	10.06	10.03	10.60	9.68	10.20	(10.2%)

*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