Student Growth Percentile Goodness–of–Fit Descriptives
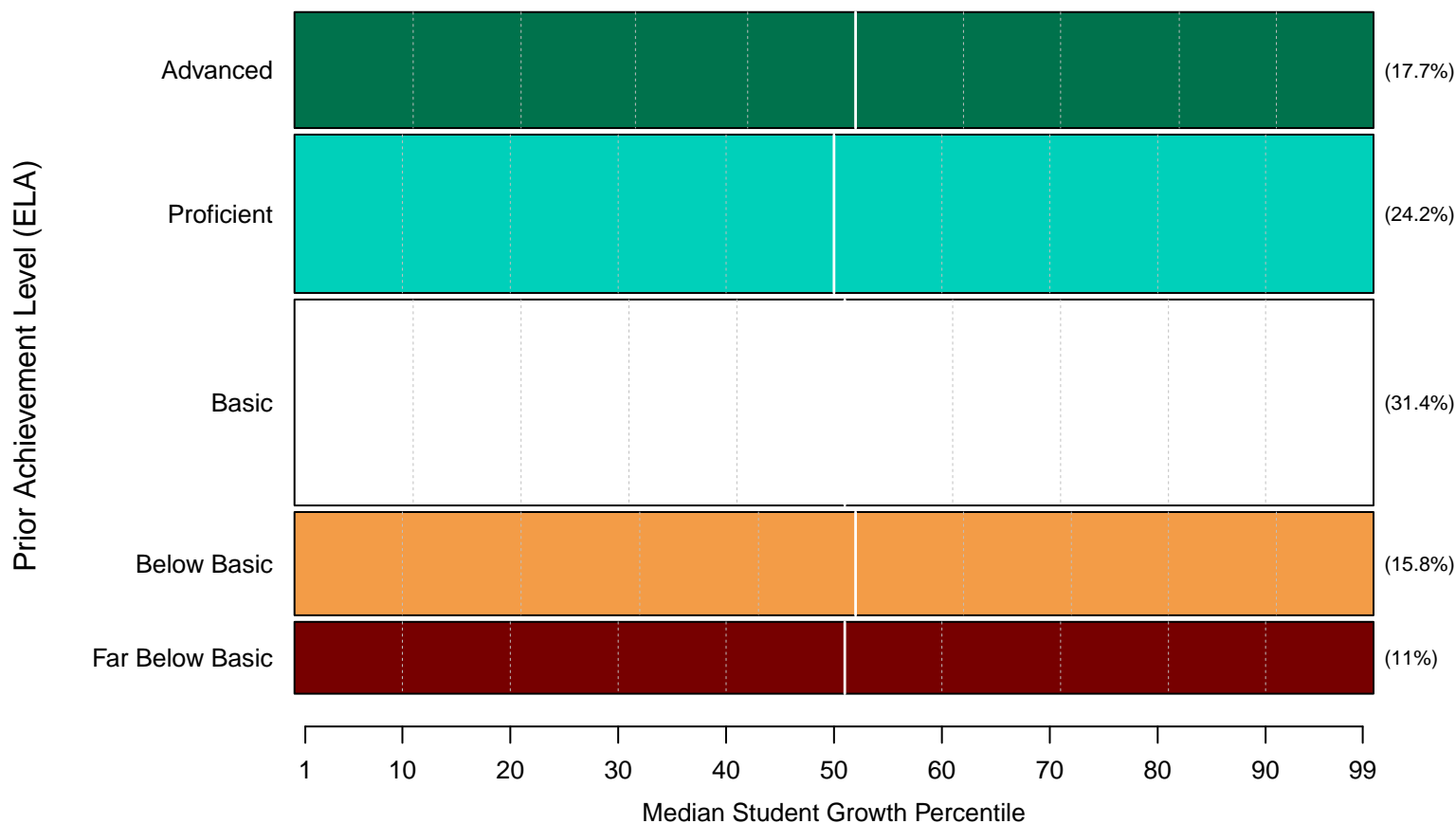## 2012 ELA SGP, Grade 9 (N = 35,458)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA):

- Advanced (17.7%)
- Proficient (24.2%)
- Basic (31.4%)
- Below Basic (15.8%)
- Far Below Basic (11%)

X-axis: 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/[173,265)	9.91	9.64	10.09	9.76	9.55	10.42	9.88	9.70	9.97	11.10	(9.4%)
2nd/[265,286)	9.58	9.63	9.38	8.93	9.46	10.37	10.51	10.20	10.12	11.82	(10%)
3rd/[286,304)	9.08	8.74	8.80	9.94	9.78	9.94	10.89	10.70	10.06	12.08	(9.2%)
4th/[304,320)	7.77	10.23	10.51	10.62	10.79	9.80	9.94	10.11	10.06	10.17	(10%)
5th/[320,338)	9.93	9.38	9.85	8.93	9.67	10.07	9.59	9.93	10.89	11.76	(10.6%)
6th/[338,352)	9.20	9.23	10.18	10.18	9.68	10.09	10.22	10.12	10.59	10.50	(8.9%)
7th/[352,371)	9.12	9.78	10.16	10.32	10.06	9.65	9.91	10.34	10.72	9.93	(11.1%)
8th/[371,389)	9.24	10.11	9.56	9.98	10.17	9.88	9.69	9.82	10.24	11.31	(8.7%)
9th/[389,415)	8.75	10.76	9.84	10.22	9.62	10.41	10.51	9.51	10.14	10.24	(10.4%)
10th/[415,600]	8.51	9.09	9.67	9.64	9.79	9.23	11.19	10.03	10.39	12.47	(11.7%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (top x-axis): 0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution (y-axis): 0 10 20 30 40 50 60 70 80 90 100