Student Growth Percentile Goodness–of–Fit Descriptives
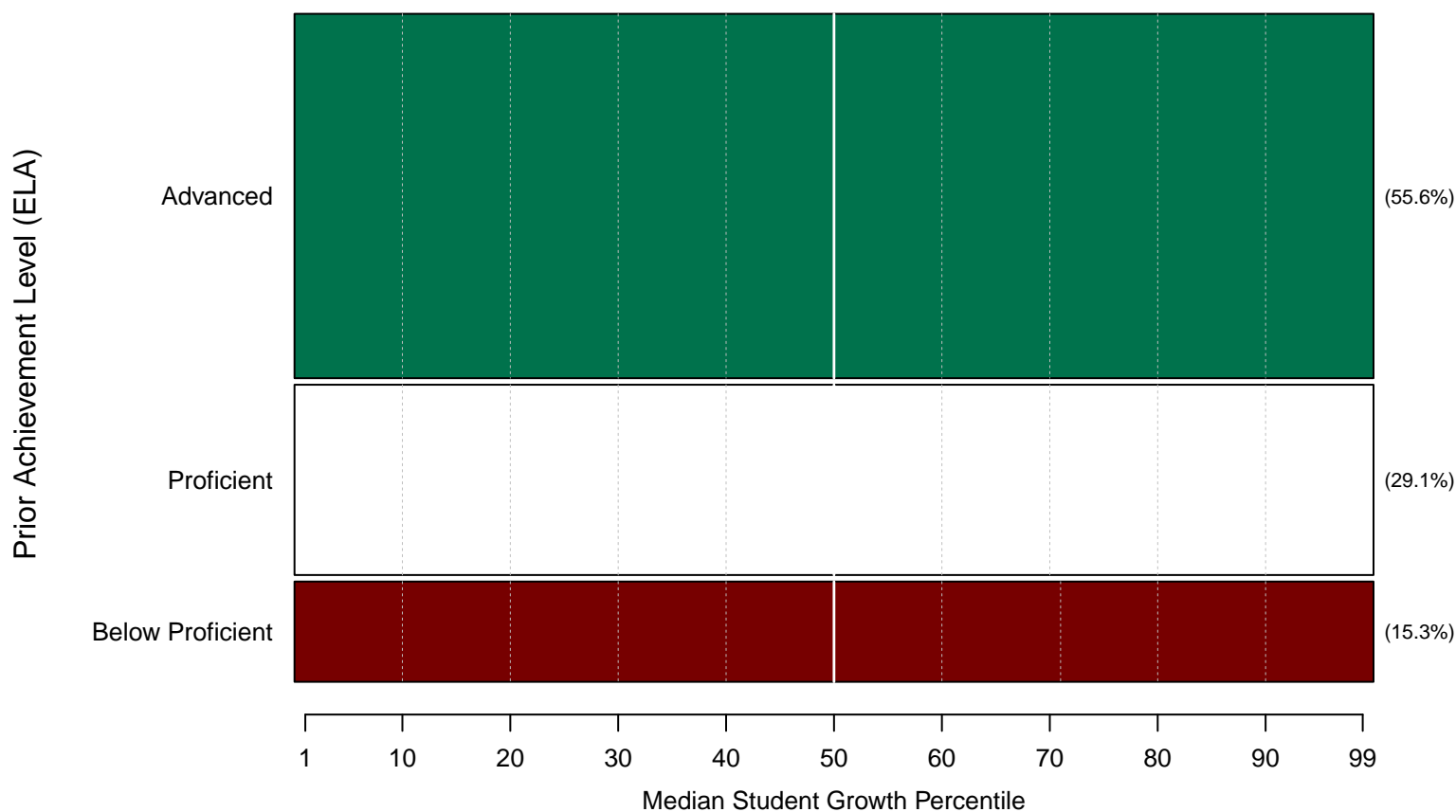## 2013 ELA SGP, Grade 8 (N = 41,789)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (55.6%)
- Proficient (29.1%)
- Below Proficient (15.3%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

Student Growth Percentile Range

Prior Scale Score Decile/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/[130,157)	10.01	10.03	9.73	10.21	9.83	10.36	9.46	10.08	10.03	10.26	(9.6%)
2nd/[157,162)	9.26	10.26	10.05	9.84	9.69	10.26	10.22	10.62	9.33	10.46	(10%)
3rd/[162,165)	10.26	8.98	9.81	10.12	10.66	10.41	9.67	9.30	10.61	10.18	(8.4%)
4th/[165,168)	9.23	10.29	9.98	10.31	9.84	9.27	9.77	10.65	10.19	10.46	(11.5%)
5th/[168,171)	9.79	10.30	10.28	9.60	9.44	10.21	10.70	9.95	9.27	10.46	(10.2%)
6th/[171,173)	9.92	9.42	9.77	9.57	10.50	10.96	10.00	10.42	9.38	10.07	(6.2%)
7th/[173,177)	9.21	10.16	10.52	9.84	9.93	9.89	9.48	9.93	10.64	10.41	(13.4%)
8th/[177,179)	9.89	9.83	9.99	10.93	10.53	8.53	10.53	10.29	9.69	9.79	(7.2%)
9th/[179,183)	9.50	9.47	10.66	10.04	8.78	11.83	10.07	10.01	9.50	10.13	(7.6%)
10th/[183,199)	9.74	10.45	9.98	9.74	10.34	9.80	9.81	10.21	9.66	10.28	(15.8%)

*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