Student Growth Percentile Goodness–of–Fit Descriptives
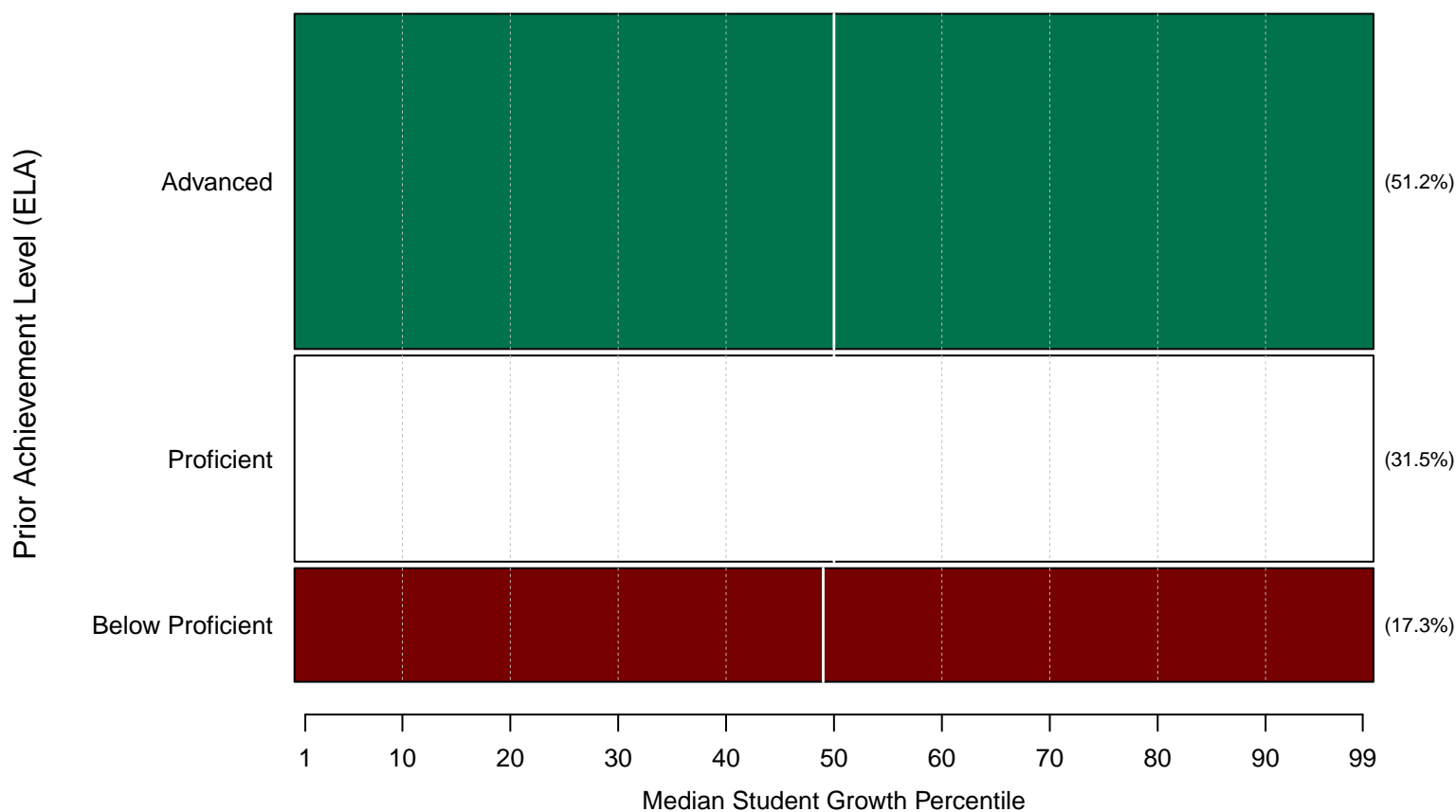## 2012 ELA SGP, Grade 8 (N = 40,498)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Advanced	(51.2%)
Proficient	(31.5%)
Below Proficient	(17.3%)

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

Student Growth Percentile Range

Prior Scale Score Decile/Range *

	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/[130,156)	10.03	10.11	9.95	9.83	10.11	10.08	9.95	9.90	9.53	10.51	(9.9%)
2nd/[156,161)	9.05	10.21	10.01	10.27	10.50	9.29	9.90	10.27	10.50	10.01	(9.6%)
3rd/[161,164)	9.85	9.73	9.50	9.12	8.90	10.84	10.75	10.30	10.24	10.78	(7.7%)
4th/[164,168)	9.14	9.59	9.53	10.13	10.52	10.41	10.00	10.22	9.64	10.80	(11.4%)
5th/[168,170)	10.07	10.51	10.53	10.38	9.80	9.47	9.22	9.56	10.19	10.26	(10.2%)
6th/[170,172)	8.40	9.83	9.39	10.43	9.79	10.19	10.99	10.63	10.19	10.15	(6.2%)
7th/[172,177)	9.35	9.70	10.32	9.89	10.13	10.06	9.77	9.99	9.94	10.84	(14.6%)
8th/[177,180)	9.92	10.94	9.02	9.89	9.83	10.49	10.64	10.67	9.53	9.08	(8.2%)
9th/[180,185)	9.26	9.36	10.86	10.21	10.12	8.99	10.15	9.69	10.46	10.89	(8%)
10th/[185,199]	9.54	10.10	9.99	9.68	10.01	9.99	10.10	10.20	9.89	10.51	(14.2%)

*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