Student Growth Percentile Goodness–of–Fit Descriptives
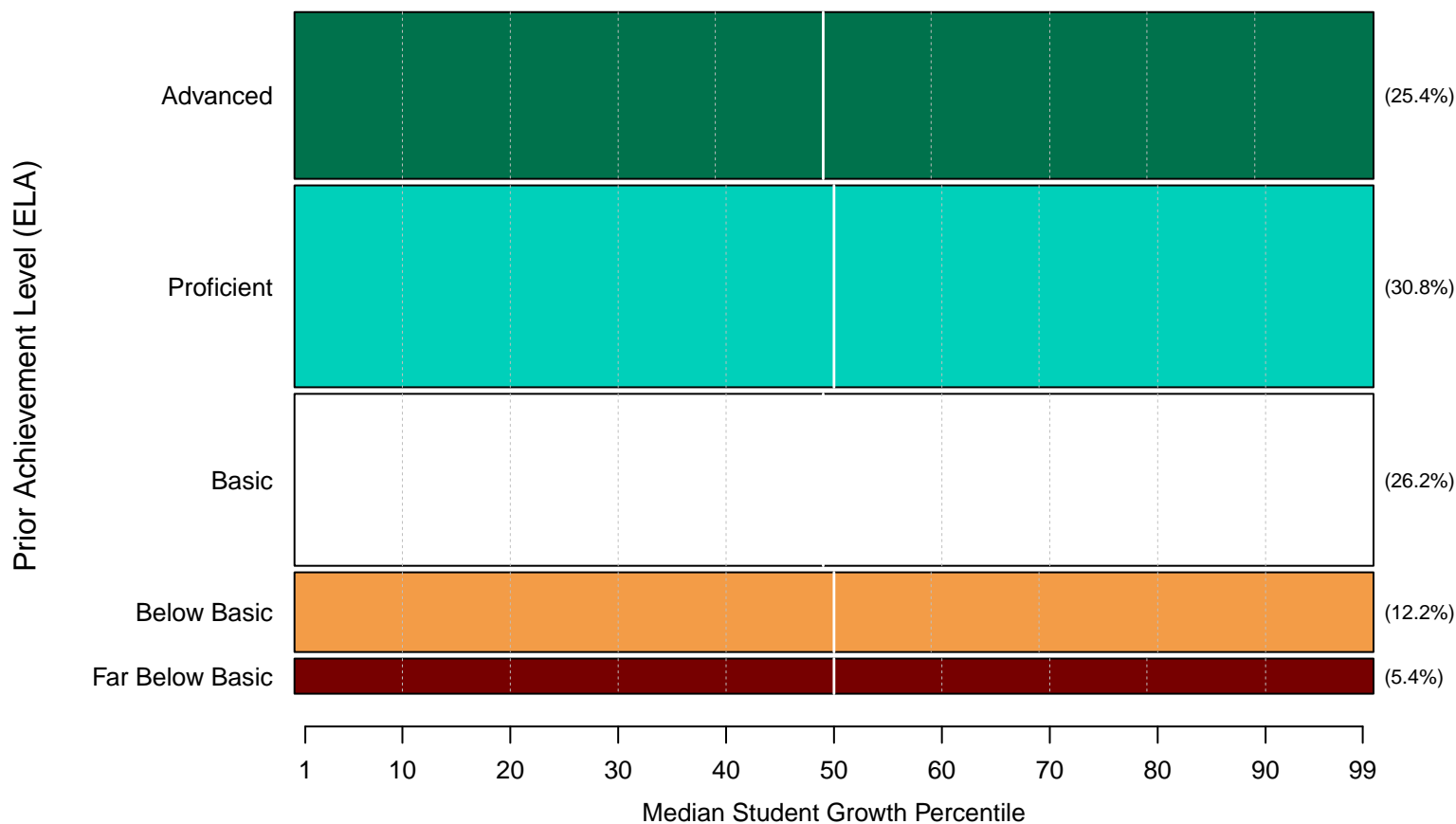## 2012 ELA SGP, Grade 3 (N = 42,178)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percent
Advanced	(25.4%)
Proficient	(30.8%)
Basic	(26.2%)
Below Basic	(12.2%)
Far Below Basic	(5.4%)

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/[190,278)	9.78	9.91	10.31	9.86	10.46	10.08	9.78	9.93	9.78	10.11	(9.4%)
2nd/[278,305)	9.09	9.85	9.63	11.06	9.31	10.99	9.78	9.43	10.10	10.76	(9.6%)
3rd/[305,326)	10.21	10.43	9.61	9.17	10.43	9.43	10.04	10.82	9.73	10.12	(9.7%)
4th/[326,344)	9.27	10.06	10.37	10.85	9.57	9.41	10.30	9.64	10.16	10.37	(10.2%)
5th/[344,360)	9.72	9.51	10.12	8.90	10.85	10.52	9.44	9.77	10.29	10.87	(10.1%)
6th/[360,374)	9.88	10.28	9.91	9.40	10.98	10.66	9.13	9.05	10.15	10.55	(8.9%)
7th/[374,390)	9.52	9.64	10.68	10.17	7.68	10.48	11.83	10.94	9.12	9.93	(9.9%)
8th/[390,410)	10.12	9.67	9.96	10.38	11.20	8.04	11.31	8.75	11.34	9.23	(10.4%)
9th/[410,437)	9.06	10.46	10.98	9.97	11.28	7.66	8.42	13.07	10.48	8.62	(10.3%)
10th/[437,600]	10.64	9.88	9.61	9.80	9.57	15.54	7.11	7.95	9.16	10.74	(11.6%)

*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