Student Growth Percentile Goodness–of–Fit Descriptives
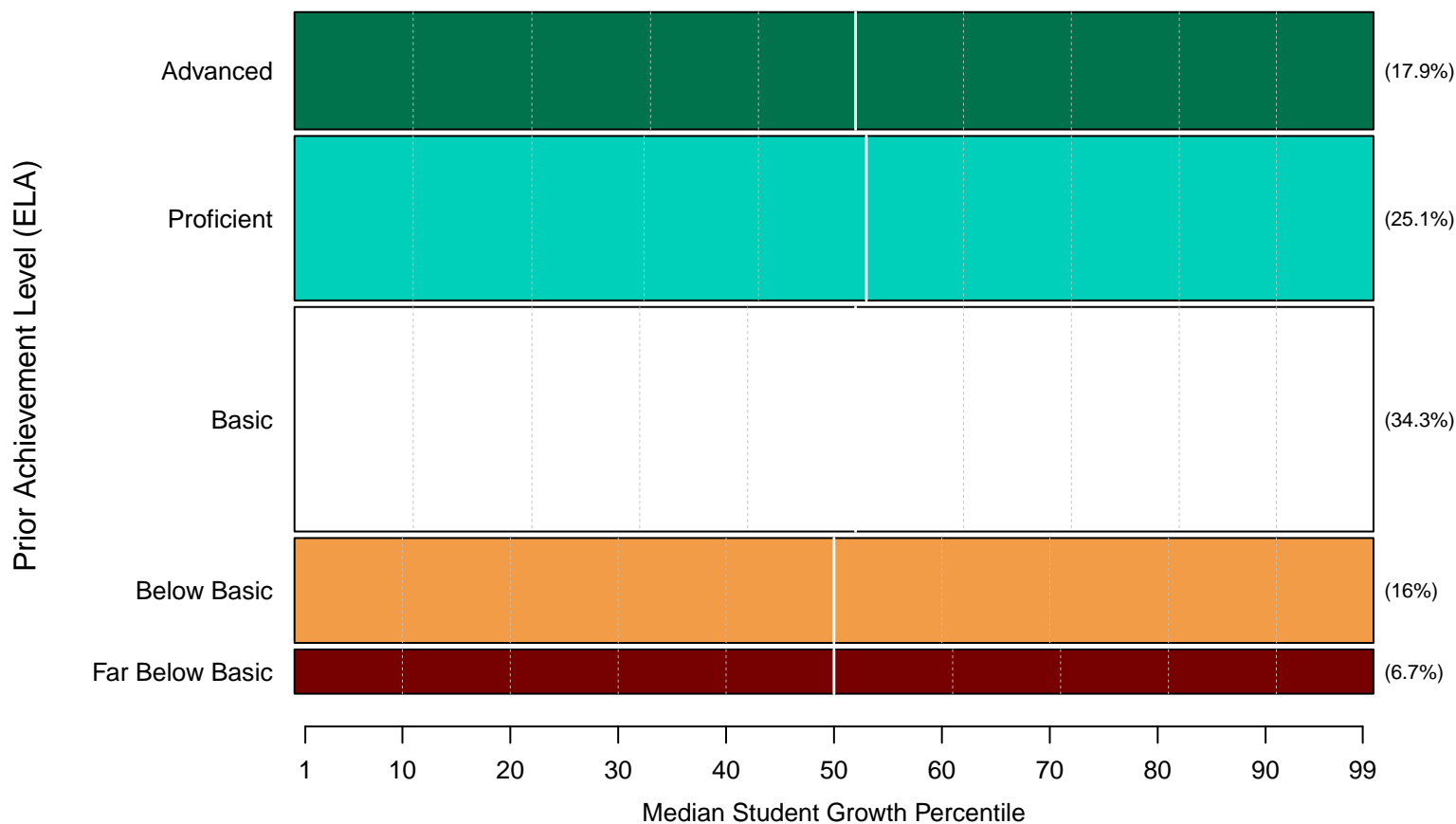## 2012 ELA SGP, Grade 7 (N = 38,534)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(17.9%)
Proficient	(25.1%)
Basic	(34.3%)
Below Basic	(16%)
Far Below Basic	(6.7%)

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/[150,275)	10.03	10.25	9.84	9.44	9.92	10.01	9.00	9.46	10.30	11.74	(9.6%)
2nd/[275,294)	10.22	10.04	10.06	10.04	10.06	10.06	8.90	9.95	9.76	10.90	(9.6%)
3rd/[294,310)	8.99	8.88	9.99	10.40	10.07	9.74	9.79	9.65	11.31	11.18	(9.4%)
4th/[310,326)	8.93	10.16	9.67	9.77	10.28	9.99	9.84	9.33	10.94	11.09	(10.6%)
5th/[326,338)	9.22	9.01	9.90	10.74	9.19	10.41	9.45	10.14	10.20	11.75	(8.7%)
6th/[338,355)	8.12	8.53	9.44	9.16	9.71	10.86	10.16	10.68	11.13	12.20	(11.5%)
7th/[355,369)	8.01	9.49	9.13	9.69	10.28	10.42	10.56	11.06	10.72	10.64	(9.3%)
8th/[369,385)	9.11	9.96	9.28	9.79	9.56	9.76	10.51	9.62	10.53	11.88	(9.1%)
9th/[385,415)	7.99	8.95	9.16	9.94	10.47	10.09	10.83	9.48	11.53	11.57	(12.3%)
10th/[415,600]	8.23	9.45	9.42	9.26	10.06	10.63	10.35	10.53	10.63	11.43	(10.1%)

*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