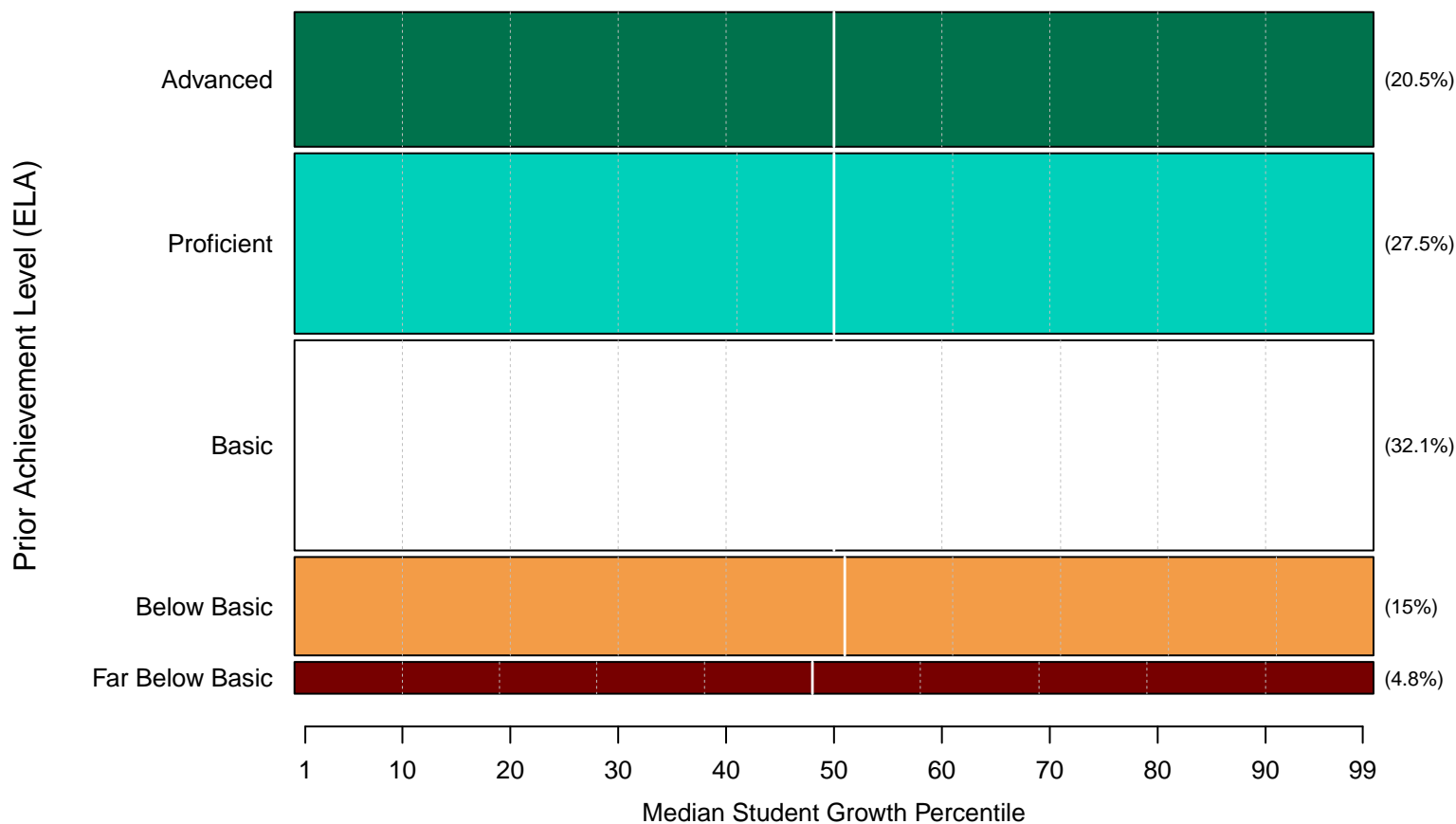# Student Growth Percentile Goodness–of–Fit Descriptives
2013 ELA SGP, Grade 7 (N = 37,619)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA) (vertical axis)

- Advanced (20.5%)
- Proficient (27.5%)
- Basic (32.1%)
- Below Basic (15%)
- Far Below Basic (4.8%)

Median Student Growth Percentile (horizontal axis): 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/[169,279)	9.59	10.49	10.80	9.50	10.06	9.75	9.41	9.90	9.75	10.77	(8.6%)
2nd/[279,302)	9.53	9.75	10.31	9.86	9.08	9.91	10.45	9.44	10.26	11.40	(11.3%)
3rd/[302,318)	9.97	9.59	9.67	10.07	10.10	10.15	9.65	10.87	9.01	10.92	(10%)
4th/[318,331)	9.38	9.59	10.37	9.59	10.28	10.25	10.10	9.47	10.84	10.13	(8.9%)
5th/[331,347)	9.19	9.78	9.46	10.27	10.10	9.66	9.90	9.83	10.32	11.51	(10.9%)
6th/[347,360)	9.25	9.54	10.25	9.94	9.54	10.20	10.03	10.25	10.34	10.66	(9.3%)
7th/[360,375)	9.35	9.83	9.72	9.80	11.05	9.83	10.11	10.14	9.77	10.40	(9.4%)
8th/[375,395)	10.10	9.72	9.86	9.46	10.37	9.26	10.01	10.30	9.58	11.35	(11.1%)
9th/[395,421)	9.48	10.39	9.90	10.15	9.15	10.00	10.54	9.92	10.28	10.18	(10.3%)
10th/[421,600]	9.25	10.23	9.87	9.92	9.69	10.31	9.77	10.00	10.08	10.88	(10.2%)

*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: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100