Student Growth Percentile Goodness–of–Fit Descriptives
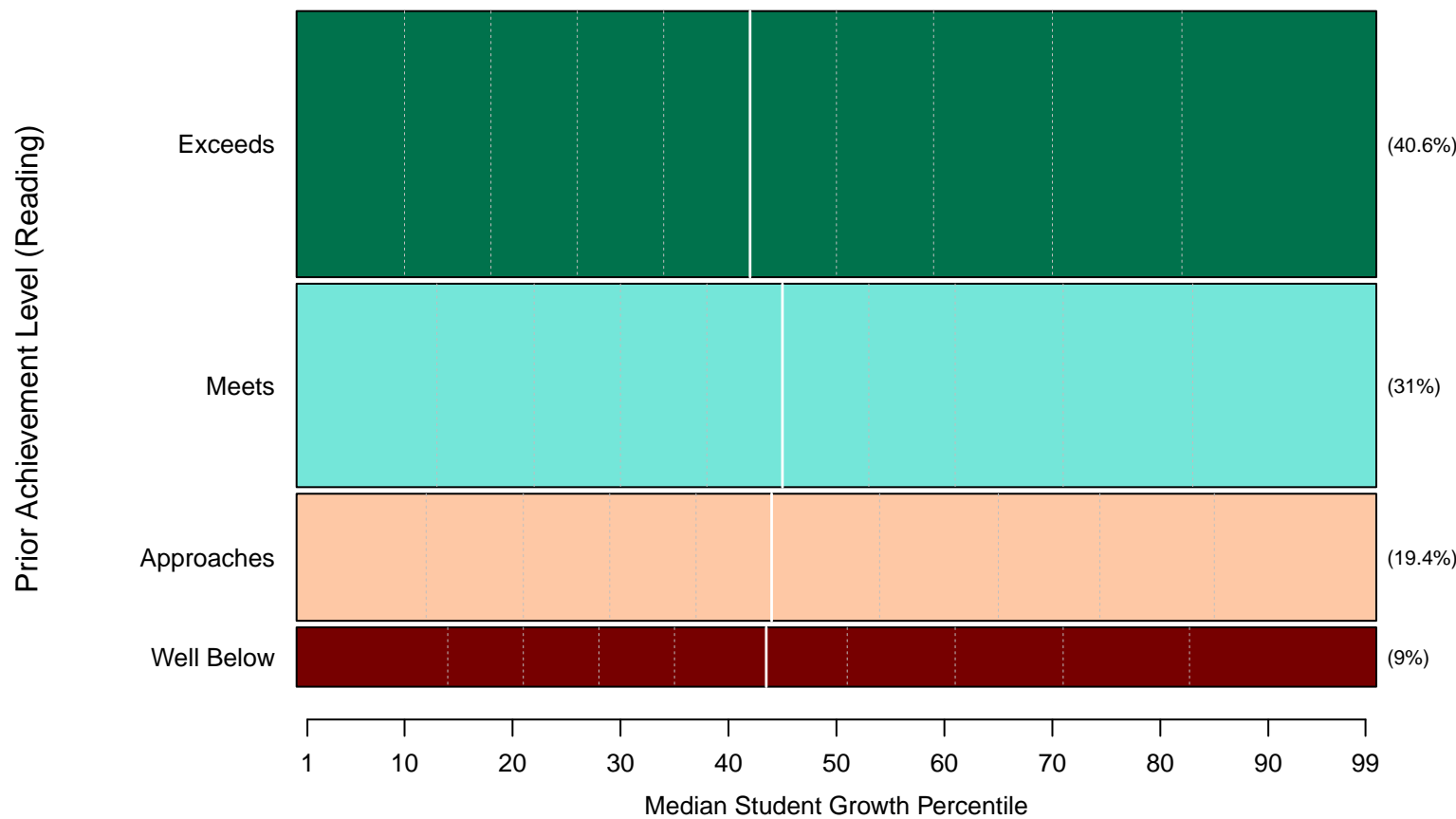
2013 Reading SGP, Grade 5 (N = 13,417)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percentage
Exceeds	(40.6%)
Meets	(31%)
Approaches	(19.4%)
Well Below	(9%)

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/[171,272]	5.71	12.36	14.13	14.29	11.12	10.81	9.96	9.11	7.34	5.17	(9.7%)
2nd/[272,289]	7.48	11.44	13.34	13.12	11.51	9.46	10.34	8.87	7.77	6.67	(10.2%)
3rd/[289,301]	6.03	10.96	10.42	13.94	11.67	10.65	10.49	10.81	8.54	6.50	(9.5%)
4th/[301,310]	7.11	9.74	12.30	12.22	12.51	12.37	10.02	8.96	8.39	6.40	(10.5%)
5th/[310,317]	6.62	11.51	11.01	13.16	13.49	11.01	11.18	9.19	6.71	6.13	(9%)
6th/[317,325]	6.96	9.84	14.05	12.58	13.42	12.65	11.45	8.71	6.25	4.08	(10.6%)
7th/[325,334]	8.40	12.56	11.86	14.04	13.34	12.14	9.60	7.13	7.13	3.81	(10.6%)
8th/[334,344]	9.65	12.10	13.92	12.66	12.26	10.92	9.41	8.39	6.80	3.88	(9.4%)
9th/[344,359]	9.38	12.48	14.50	11.26	11.83	10.68	9.81	8.01	7.50	4.55	(10.3%)
10th/[359,442]	10.39	10.32	11.77	10.61	12.72	11.70	9.23	10.47	7.05	5.74	(10.3%)

*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