Student Growth Percentile Goodness–of–Fit Descriptives
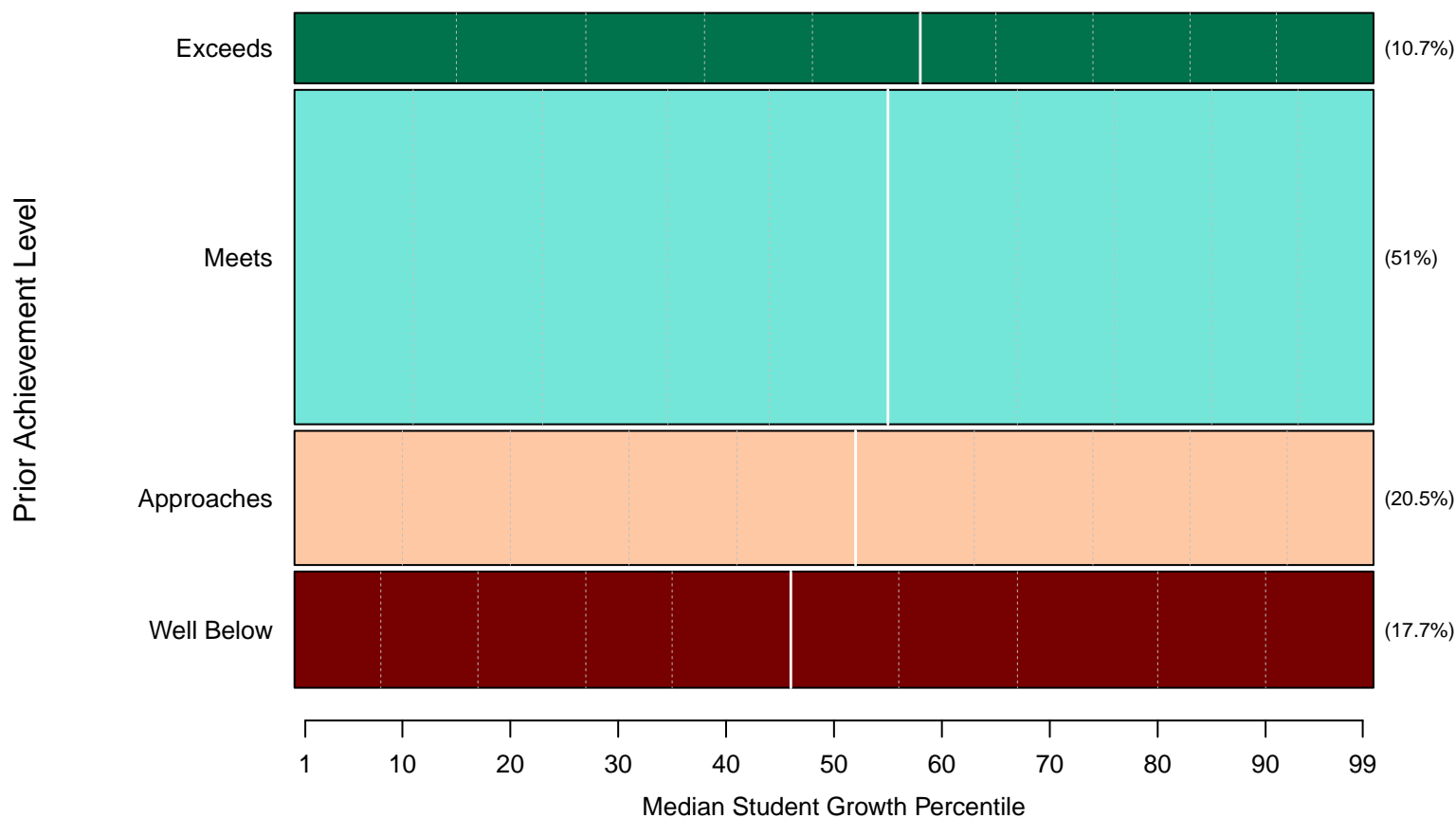
2010 Reading SGP, Grade 4 (N = 12,748)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (10.7%)
- Meets (51%)
- Approaches (20.5%)
- Well Below (17.7%)

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/[132,255]	14.41	10.70	12.30	10.53	10.45	7.92	8.42	7.67	7.50	10.11	(9.3%)
2nd/[255,276]	10.35	9.45	10.80	7.95	8.03	10.73	10.80	8.93	11.03	11.93	(10.5%)
3rd/[276,288]	9.03	9.12	9.31	9.49	9.58	9.95	9.67	10.22	10.77	12.86	(8.6%)
4th/[288,300]	10.11	10.11	8.36	8.84	11.15	6.61	11.94	8.60	10.99	13.30	(9.9%)
5th/[300,309]	9.99	7.99	9.45	8.54	9.08	12.72	7.90	8.54	12.08	13.71	(8.6%)
6th/[309,319]	9.18	7.18	11.73	9.82	9.26	7.90	6.30	13.81	12.05	12.77	(9.8%)
7th/[319,329]	8.01	7.87	9.17	7.73	9.89	9.96	11.19	9.39	12.27	14.51	(10.9%)
8th/[329,340]	8.49	8.63	8.49	9.12	7.36	11.10	8.42	13.93	10.75	13.72	(11.1%)
9th/[340,356]	8.94	8.35	6.13	11.96	8.86	9.53	8.20	12.11	11.96	13.96	(10.6%)
10th/[356,443]	6.28	6.06	9.57	10.74	9.35	12.05	11.10	10.81	10.96	13.08	(10.7%)

*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