Student Growth Percentile Goodness–of–Fit Descriptives
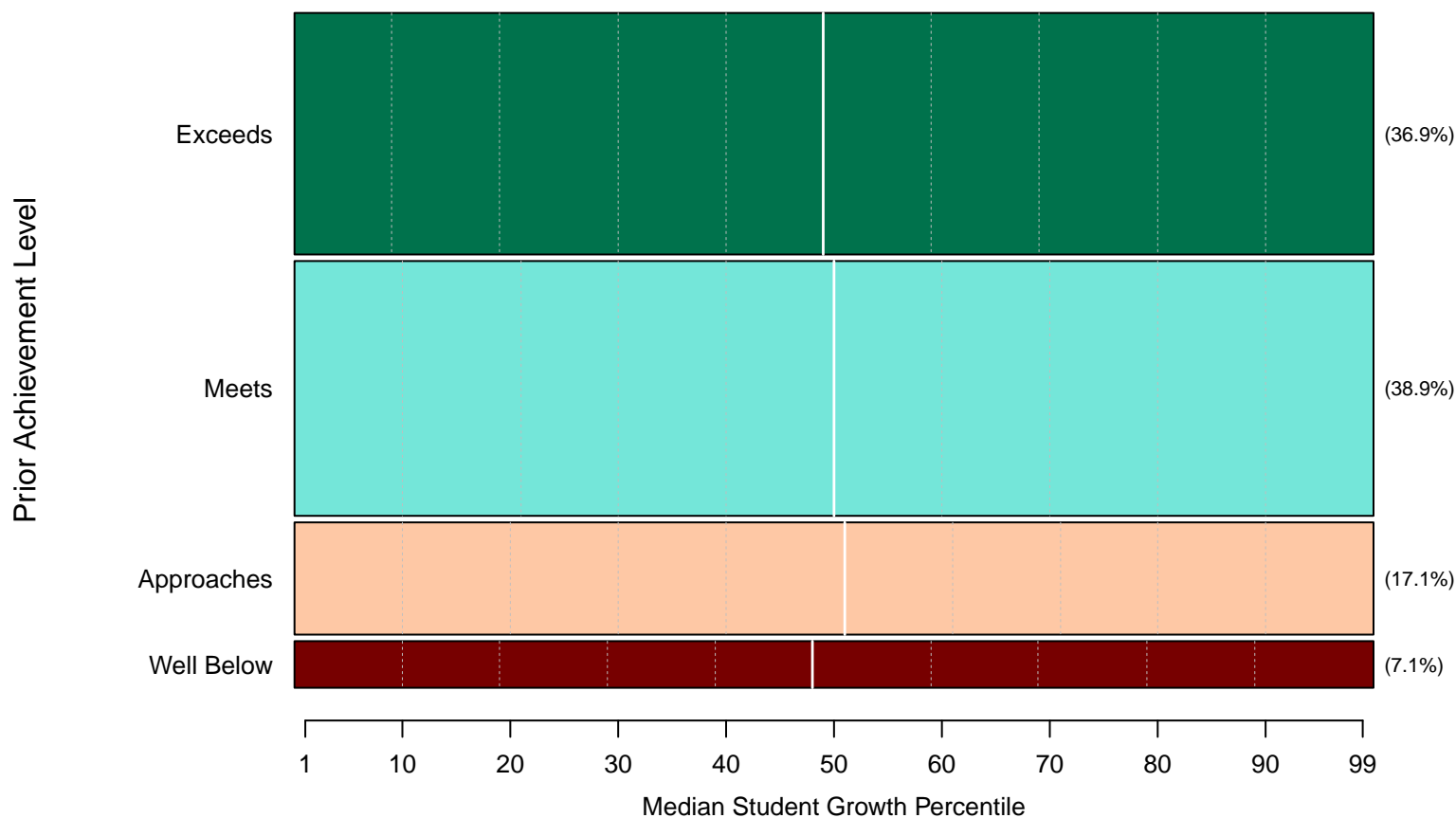
2012 Reading SGP, Grade 10 (N = 9,814)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (36.9%)
- Meets (38.9%)
- Approaches (17.1%)
- Well Below (7.1%)

Median Student Growth Percentile

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/[127,280)	9.20	9.52	11.02	10.91	9.30	9.95	9.95	9.73	10.05	10.37	(9.5%)
2nd/[280,294)	9.67	10.43	8.91	9.13	10.54	11.09	10.33	9.57	9.78	10.54	(9.4%)
3rd/[294,303)	10.98	10.49	9.65	10.01	8.93	9.41	10.86	10.37	8.93	10.37	(8.4%)
4th/[303,312)	8.25	11.10	9.63	9.82	11.79	9.43	10.02	8.35	10.71	10.90	(10.4%)
5th/[312,322)	10.41	8.49	10.94	12.16	8.84	9.27	9.45	10.76	9.10	10.59	(11.6%)
6th/[322,329)	7.76	8.90	9.47	9.59	10.39	11.53	10.05	11.99	10.96	9.36	(8.9%)
7th/[329,336)	9.77	12.18	9.99	8.67	9.44	9.22	10.21	10.32	9.11	11.09	(9.3%)
8th/[336,345)	10.53	11.18	7.71	10.64	10.64	9.23	11.18	7.49	10.31	11.07	(9.4%)
9th/[345,360)	10.85	9.17	12.17	8.64	10.14	10.58	11.02	8.73	9.70	8.99	(11.6%)
10th/[360,454]	9.05	9.85	8.70	11.62	9.76	9.85	9.49	10.47	10.47	10.74	(11.5%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution