Student Growth Percentile Goodness–of–Fit Descriptives
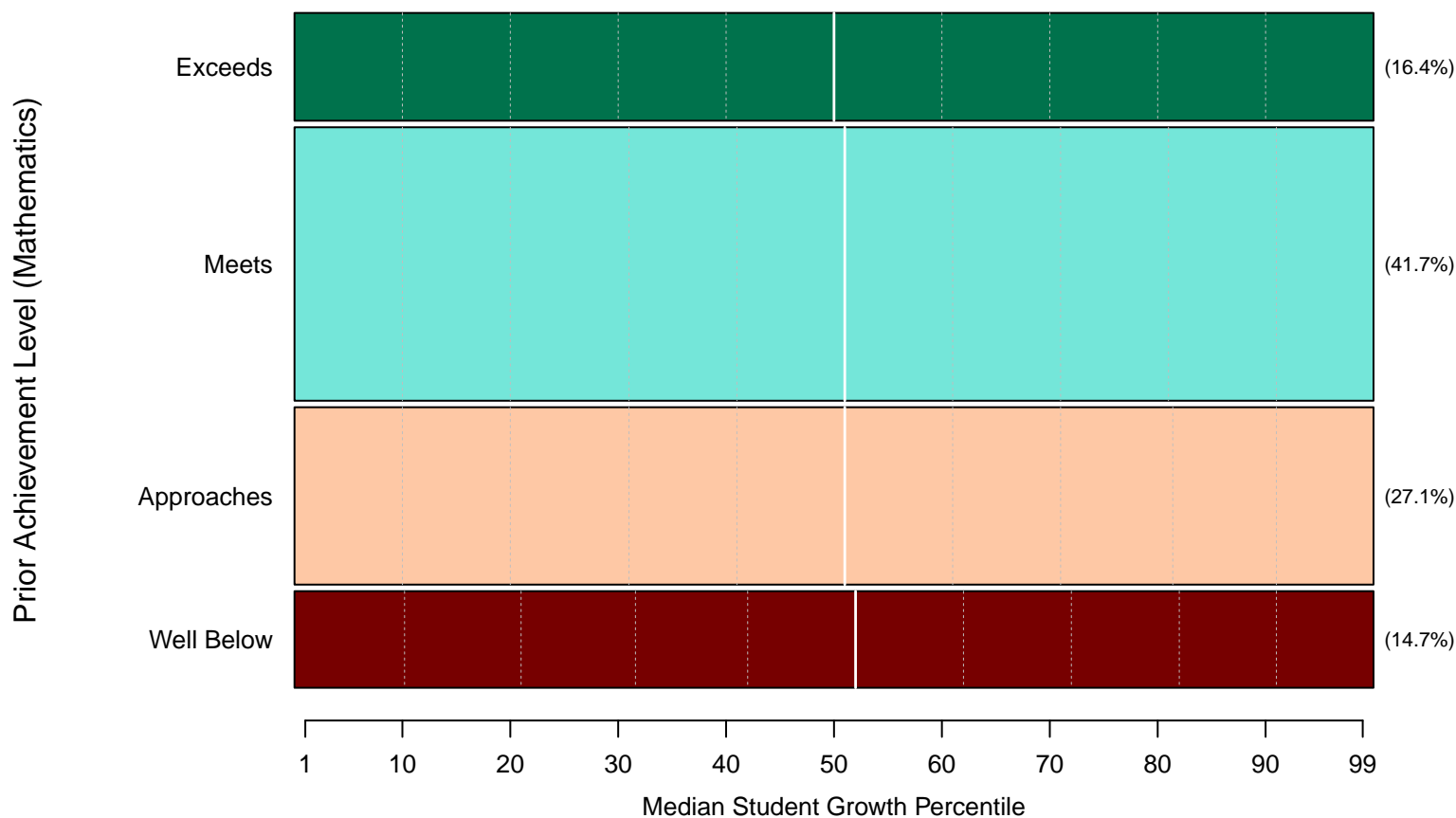## 2013 Mathematics SGP, Grade 7 (N = 12,501)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Exceeds (16.4%)
- Meets (41.7%)
- Approaches (27.1%)
- Well Below (14.7%)

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/[177,262]	9.80	9.72	9.40	9.07	10.13	10.38	9.31	10.21	10.54	11.44	(9.8%)
2nd/[262,278]	9.12	9.12	9.51	9.43	9.67	8.88	10.61	10.93	10.93	11.79	(10.2%)
3rd/[278,289]	10.24	9.91	9.26	10.89	9.10	10.32	8.61	8.69	10.48	12.51	(9.8%)
4th/[289,298]	8.46	9.12	9.78	9.37	9.86	9.70	10.76	10.68	10.93	11.34	(9.7%)
5th/[298,306]	10.31	9.90	10.14	9.82	9.90	9.02	9.50	10.55	9.82	11.03	(9.9%)
6th/[306,313]	10.25	9.48	9.56	9.91	10.76	9.99	9.14	9.31	11.19	10.42	(9.4%)
7th/[313,322]	8.75	9.22	9.30	10.69	9.68	11.31	10.53	9.68	9.68	11.15	(10.3%)
8th/[322,334]	9.25	9.48	9.93	8.42	10.61	9.93	10.08	10.16	9.70	12.43	(10.6%)
9th/[334,351]	10.16	10.56	9.11	9.68	8.87	10.00	9.76	10.32	11.21	10.32	(9.9%)
10th/[351,482]	9.81	9.66	10.59	10.51	9.74	9.35	10.20	10.43	9.66	10.05	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution