Student Growth Percentile Goodness–of–Fit Descriptives
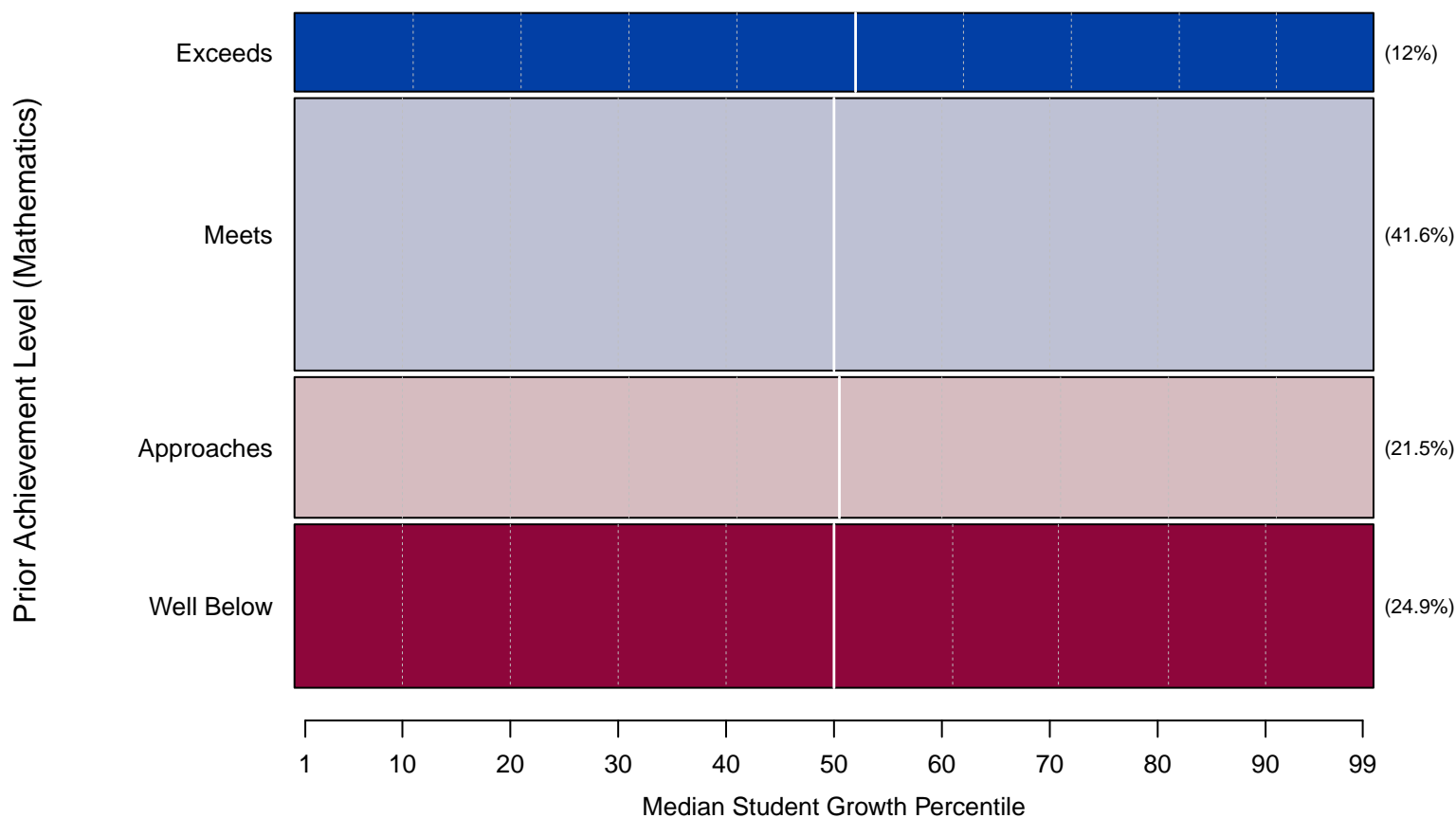## 2015 Mathematics SGP, Grade 5 (N = 13,329)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Exceeds (12%)
- Meets (41.6%)
- Approaches (21.5%)
- Well Below (24.9%)

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/[165,263]	9.08	9.70	9.70	9.78	9.55	9.94	10.02	10.40	10.64	11.18	(9.7%)
2nd/[263,280]	9.42	9.87	10.40	9.80	10.10	10.32	9.65	9.72	9.50	11.22	(10%)
3rd/[280,292]	8.84	10.21	9.22	9.60	10.44	9.22	10.44	9.60	11.59	10.82	(9.8%)
4th/[292,302]	9.70	9.93	10.40	10.32	8.99	10.79	9.46	10.24	9.62	10.56	(9.6%)
5th/[302,311]	8.66	10.75	9.93	9.19	10.38	9.71	10.68	9.11	9.71	11.87	(10%)
6th/[311,320]	9.27	8.74	8.66	11.09	10.26	9.80	10.03	10.26	11.32	10.56	(9.9%)
7th/[320,330]	9.80	10.83	10.90	8.78	10.10	9.44	10.39	10.39	9.36	10.02	(10.3%)
8th/[330,344]	8.83	9.19	9.90	11.04	9.69	10.40	10.19	10.83	9.97	9.97	(10.5%)
9th/[344,362]	9.86	9.56	8.64	9.63	10.32	10.47	9.71	9.86	10.40	11.54	(9.8%)
10th/[362,482]	9.43	10.44	10.73	10.01	9.43	9.86	9.79	9.64	9.86	10.80	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution