Student Growth Percentile Goodness–of–Fit Descriptives
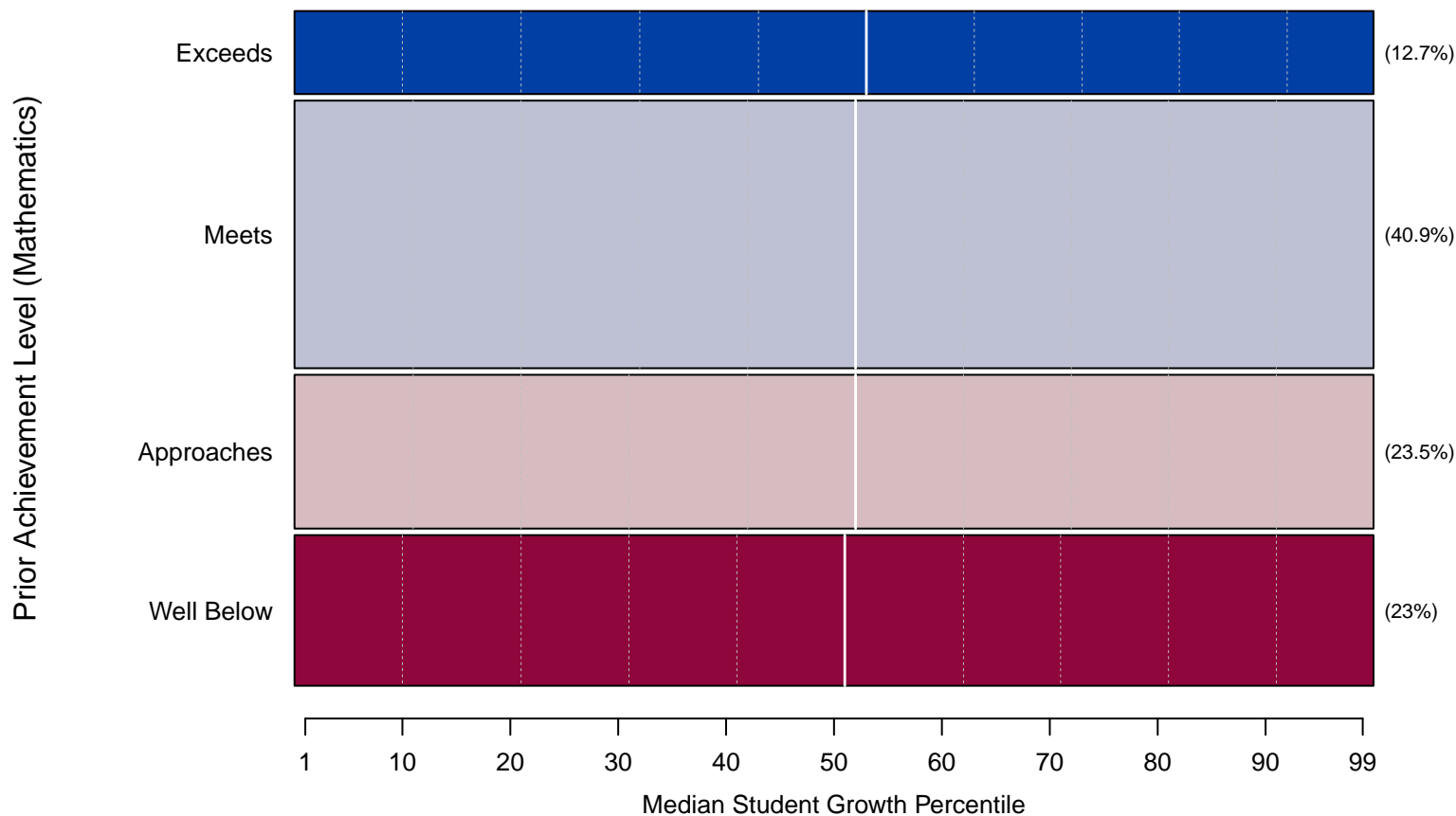## 2015 Mathematics SGP, Grade 6 (N = 12,697)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Exceeds (12.7%)
- Meets (40.9%)
- Approaches (23.5%)
- Well Below (23%)

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/[183,263)	8.98	9.06	9.69	10.01	9.77	9.38	10.95	9.77	10.01	12.37	(10%)
2nd/[263,281)	9.66	10.77	8.14	8.78	10.45	10.14	8.86	10.30	11.09	11.81	(9.9%)
3rd/[281,293)	8.57	8.16	10.14	9.73	9.40	9.81	11.05	10.39	10.63	12.12	(9.6%)
4th/[293,303)	8.47	10.03	10.28	9.87	9.70	9.70	10.53	10.12	10.86	10.44	(9.6%)
5th/[303,312)	8.34	9.66	9.90	9.59	9.20	10.60	10.91	9.74	11.07	10.99	(10.1%)
6th/[312,321)	9.83	9.21	8.34	10.07	10.31	9.13	10.46	10.78	10.31	11.57	(10%)
7th/[321,331)	8.75	10.05	10.05	9.59	10.88	9.44	9.21	9.67	10.96	11.42	(10.3%)
8th/[331,343)	8.94	9.63	9.09	9.55	10.08	10.39	9.78	10.24	10.62	11.69	(10.3%)
9th/[343,360)	9.55	8.52	10.51	9.47	9.24	10.83	9.79	9.95	10.43	11.70	(9.9%)
10th/[360,449]	8.45	9.98	9.29	10.43	9.67	9.29	10.81	10.97	10.36	10.74	(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