Student Growth Percentile Goodness–of–Fit Descriptives
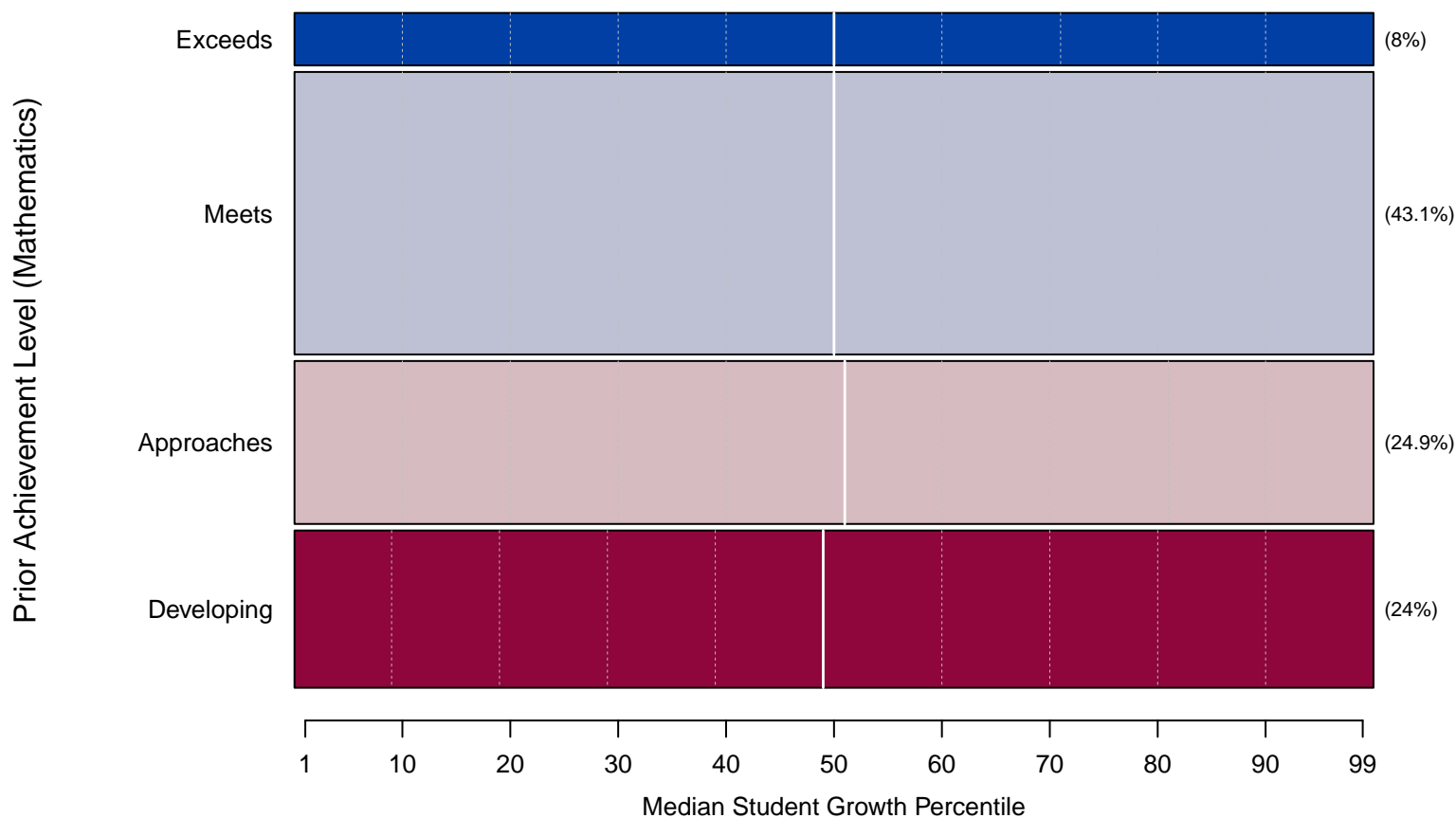
2013–2014 Mathematics SGP, Grade 7 (N = 29,179)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Exceeds	(8%)
Meets	(43.1%)
Approaches	(24.9%)
Developing	(24%)

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/[100,202)	10.64	9.87	10.09	10.24	9.73	9.62	9.47	10.02	9.84	10.49	(9.4%)
2nd/[202,240)	9.41	9.93	9.79	9.96	9.76	10.10	9.55	10.38	10.27	10.86	(9.9%)
3rd/[240,264)	9.45	10.53	9.49	9.78	10.04	10.57	10.79	9.64	9.34	10.38	(9.2%)
4th/[264,285)	10.33	8.96	10.16	10.23	9.92	9.33	10.02	9.20	10.67	11.19	(10%)
5th/[285,305)	9.42	10.62	9.85	9.69	9.72	10.25	9.95	9.85	9.65	10.99	(10.3%)
6th/[305,325)	10.17	9.81	9.71	9.28	10.11	9.64	9.51	10.99	10.34	10.43	(10.4%)
7th/[325,346)	9.16	10.17	10.10	9.68	10.04	10.01	10.53	9.88	10.01	10.43	(10.5%)
8th/[346,364)	9.29	9.47	9.29	10.57	10.48	10.43	9.56	9.86	10.39	10.65	(7.8%)
9th/[364,404)	9.71	10.30	10.10	10.22	9.65	10.08	9.68	9.49	9.88	10.89	(12.2%)
10th/[404,500]	9.30	9.81	9.51	9.94	9.91	9.84	10.25	10.78	10.14	10.51	(10.2%)

*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