Student Growth Percentile Goodness–of–Fit Descriptives
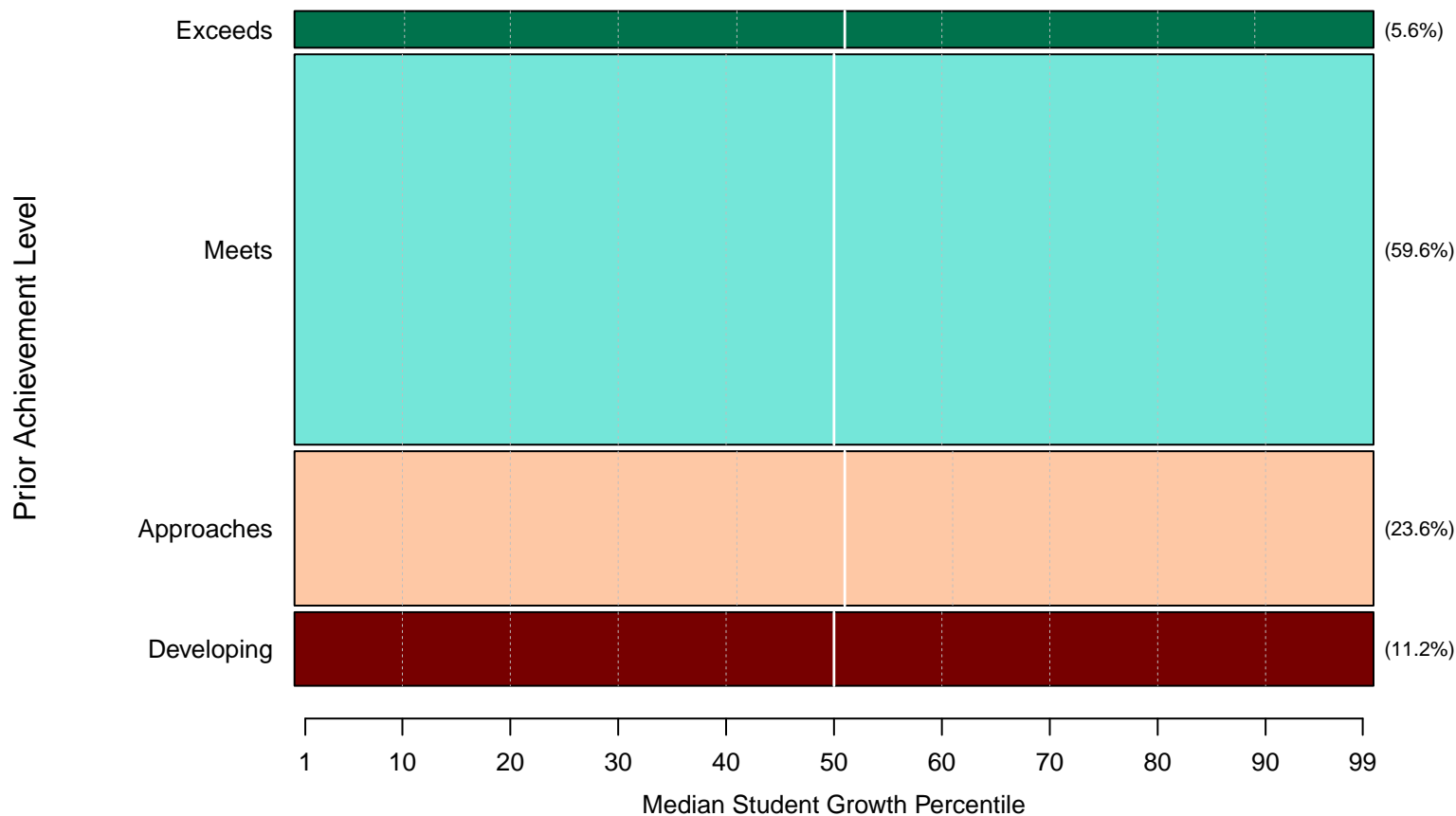
2010–2011 Mathematics SGP, Grade 7 (N = 30,403)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (5.6%)
- Meets (59.6%)
- Approaches (23.6%)
- Developing (11.2%)

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/[100,177)	9.70	9.92	9.96	9.51	10.37	9.66	10.15	9.73	10.45	10.56	(8.8%)
2nd/[177,220)	10.45	9.31	9.31	10.17	9.86	10.39	9.55	10.29	9.65	11.03	(10.7%)
3rd/[220,245)	9.23	9.97	10.18	9.19	9.30	11.07	10.04	9.76	10.33	10.93	(9.3%)
4th/[245,265)	9.27	10.54	10.44	10.30	9.87	8.85	10.08	10.47	9.66	10.51	(9.3%)
5th/[265,284)	9.69	9.76	9.87	9.23	10.23	10.80	9.91	9.62	10.30	10.58	(9.2%)
6th/[284,307)	9.61	10.13	9.97	10.16	9.23	10.10	10.65	10.02	9.86	10.27	(12%)
7th/[307,324)	9.51	9.73	9.73	10.15	9.66	10.64	9.02	10.71	9.73	11.12	(8.8%)
8th/[324,348)	9.91	10.44	9.69	9.20	10.38	9.91	10.16	9.20	10.50	10.60	(10.6%)
9th/[348,384)	9.35	9.95	9.59	9.92	10.13	10.13	10.16	10.25	9.80	10.73	(11%)
10th/[384,500]	9.82	9.91	10.13	9.72	10.10	10.00	10.00	9.94	10.35	10.03	(10.5%)

*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