Student Growth Percentile Goodness–of–Fit Descriptives
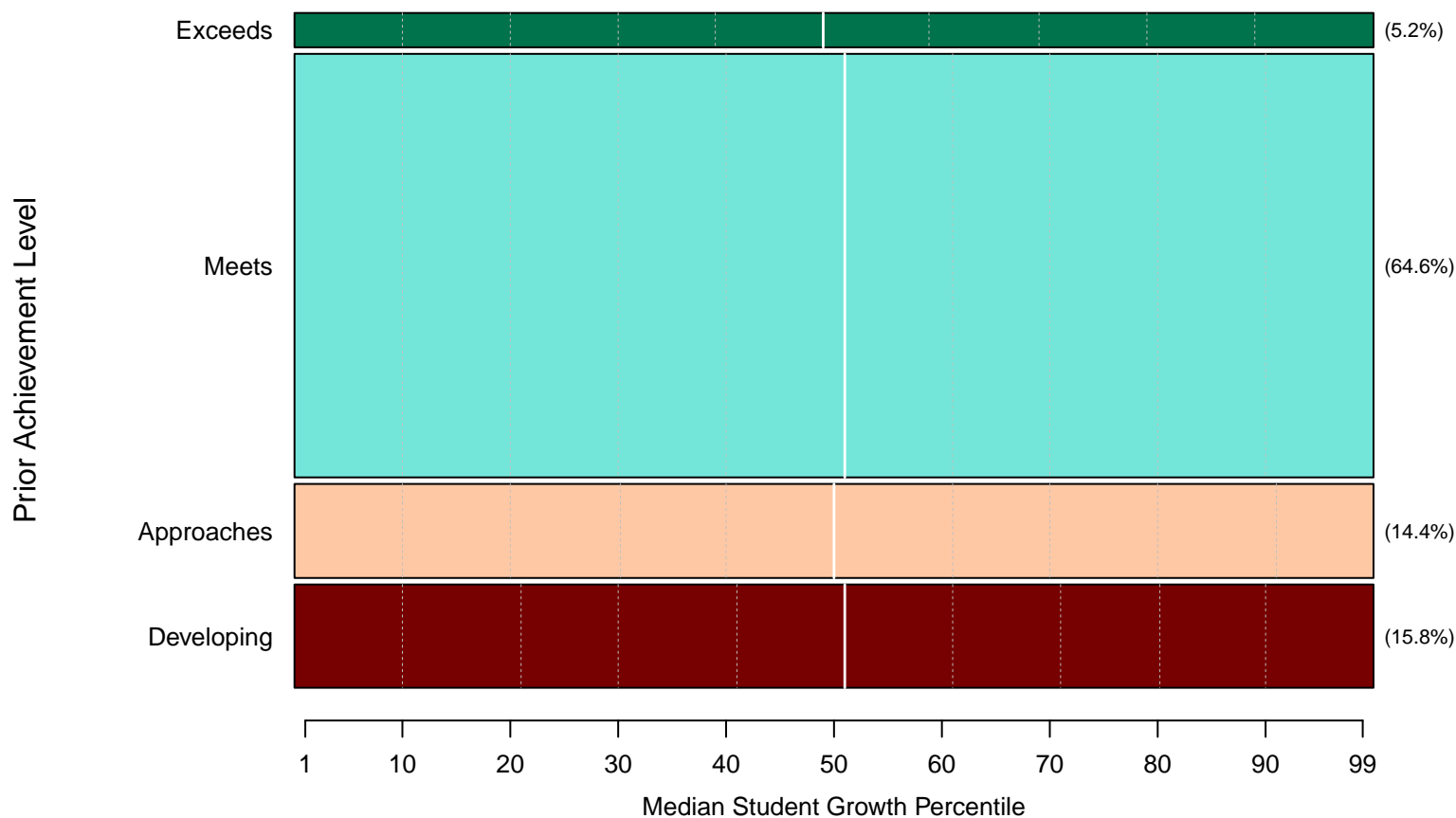
2011–2012 Mathematics SGP, Grade 6 (N = 30,206)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
Exceeds	(5.2%)
Meets	(64.6%)
Approaches	(14.4%)
Developing	(15.8%)

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/[100,219)	9.79	9.56	9.98	9.83	10.18	9.83	9.52	10.41	9.91	10.99	(8.5%)
2nd/[219,264)	9.23	9.23	10.12	10.05	10.09	9.45	10.52	10.34	10.34	10.62	(9.3%)
3rd/[264,295)	9.11	10.17	9.86	9.59	9.80	10.27	9.97	9.86	9.73	11.64	(9.7%)
4th/[295,325)	10.16	9.76	9.61	10.02	9.93	9.32	10.60	10.13	10.28	10.19	(11.4%)
5th/[325,347)	9.07	9.36	9.65	9.84	10.00	10.48	9.65	10.29	10.42	11.22	(10.3%)
6th/[347,363)	9.65	10.80	9.83	10.25	10.16	10.66	8.73	9.79	9.42	10.71	(7.2%)
7th/[363,389)	9.33	9.62	10.17	9.42	10.12	9.88	10.76	9.62	10.47	10.61	(11.4%)
8th/[389,419)	9.44	10.31	9.70	10.16	9.44	9.79	9.61	10.82	9.67	11.05	(11.5%)
9th/[419,456)	9.34	9.98	9.82	10.20	10.36	10.24	9.79	9.85	10.11	10.30	(10.3%)
10th/[456,500]	9.46	9.75	9.81	9.78	9.88	10.17	10.39	10.01	10.07	10.68	(10.3%)

*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