Student Growth Percentile Goodness–of–Fit Descriptives
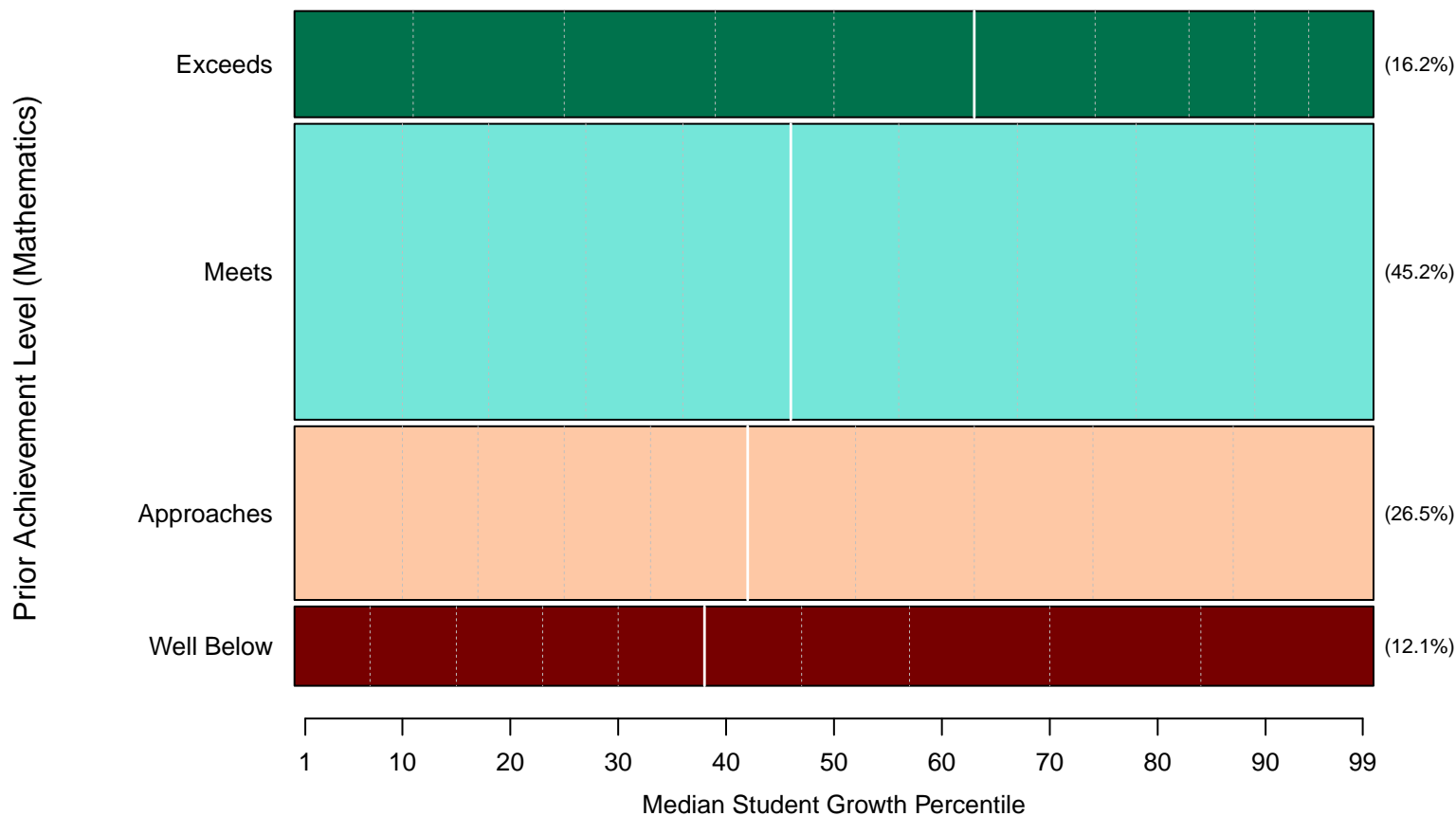
2013 Mathematics SGP, Grade 6 (N = 12,262)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Exceeds	(16.2%)
Meets	(45.2%)
Approaches	(26.5%)
Well Below	(12.1%)

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/[192,264)	13.49	11.87	14.60	11.44	11.27	10.50	7.51	7.43	5.98	5.89	(9.5%)
2nd/[264,281)	10.15	14.48	11.80	10.94	10.70	8.89	9.13	8.10	7.95	7.87	(10.4%)
3rd/[281,291)	10.13	13.62	11.65	11.92	10.66	10.13	8.87	8.51	6.63	7.89	(9.1%)
4th/[291,300)	9.94	13.08	11.21	12.83	8.75	9.94	10.62	8.16	6.71	8.75	(9.6%)
5th/[300,308)	9.74	12.99	11.83	12.68	10.52	9.36	8.12	8.51	8.97	7.27	(10.5%)
6th/[308,316)	8.68	12.80	11.73	12.03	9.67	9.98	9.14	9.44	8.30	8.23	(10.7%)
7th/[316,324)	8.97	12.32	12.24	10.48	10.39	9.64	8.21	8.97	8.80	9.97	(9.7%)
8th/[324,334)	9.21	11.81	11.10	9.37	11.10	10.08	9.06	9.13	9.37	9.76	(10.4%)
9th/[334,350)	8.14	10.55	8.64	10.05	9.39	8.72	8.80	8.97	13.12	13.62	(9.8%)
10th/[350,461)	6.70	7.58	6.06	6.94	7.26	6.86	9.17	11.72	13.80	23.92	(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