Student Growth Percentile Goodness–of–Fit Descriptives
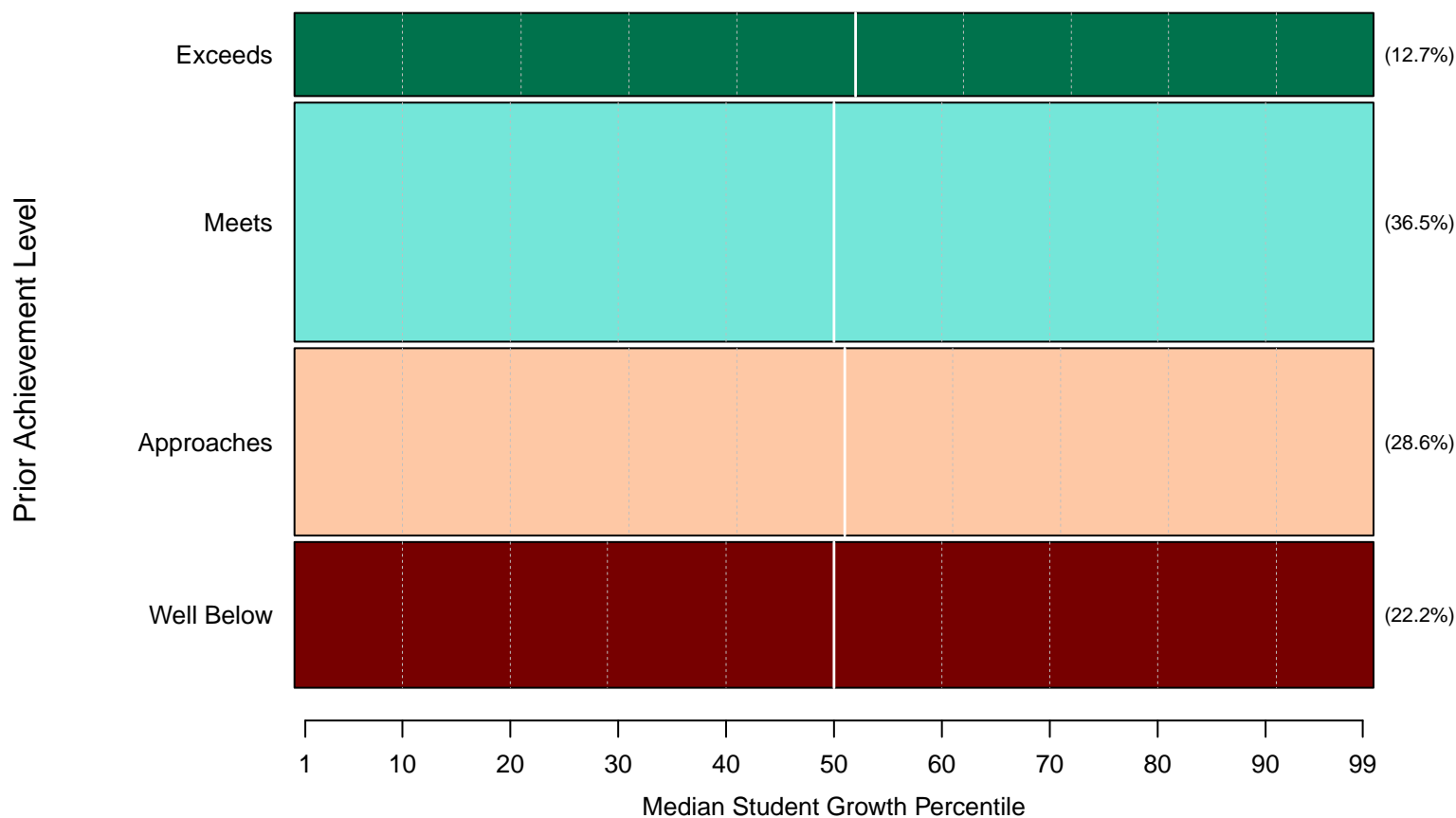
2011 Mathematics SGP, Grade 7 (N = 11,832)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Exceeds	(12.7%)
Meets	(36.5%)
Approaches	(28.6%)
Well Below	(22.2%)

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/[123,250)	9.75	9.37	10.78	9.84	10.59	9.37	10.03	9.37	9.75	11.15	(9%)
2nd/[250,269)	9.88	10.12	10.74	9.73	8.40	10.51	9.42	10.58	9.57	11.05	(10.9%)
3rd/[269,281)	9.17	10.26	8.66	9.59	10.93	9.50	9.84	10.43	9.76	11.86	(10%)
4th/[281,290)	10.00	9.29	10.61	10.30	8.08	9.90	9.80	8.99	10.81	12.22	(8.4%)
5th/[290,299)	9.07	9.69	9.25	9.69	10.93	9.78	11.54	10.66	9.16	10.22	(9.6%)
6th/[299,310)	9.76	8.50	9.62	10.81	8.85	9.20	10.46	9.83	10.96	12.01	(12%)
7th/[310,319)	10.44	9.92	10.01	8.80	9.75	10.27	10.09	10.70	10.35	9.66	(9.8%)
8th/[319,329)	9.08	11.17	11.08	10.45	10.72	9.81	8.90	9.63	9.26	9.90	(9.3%)
9th/[329,344)	8.54	10.06	10.69	9.18	10.14	10.14	9.66	9.82	10.93	10.85	(10.6%)
10th/[344,457]	9.85	9.28	8.79	10.66	9.28	9.44	10.98	10.50	10.01	11.23	(10.4%)

*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