Student Growth Percentile Goodness–of–Fit Descriptives
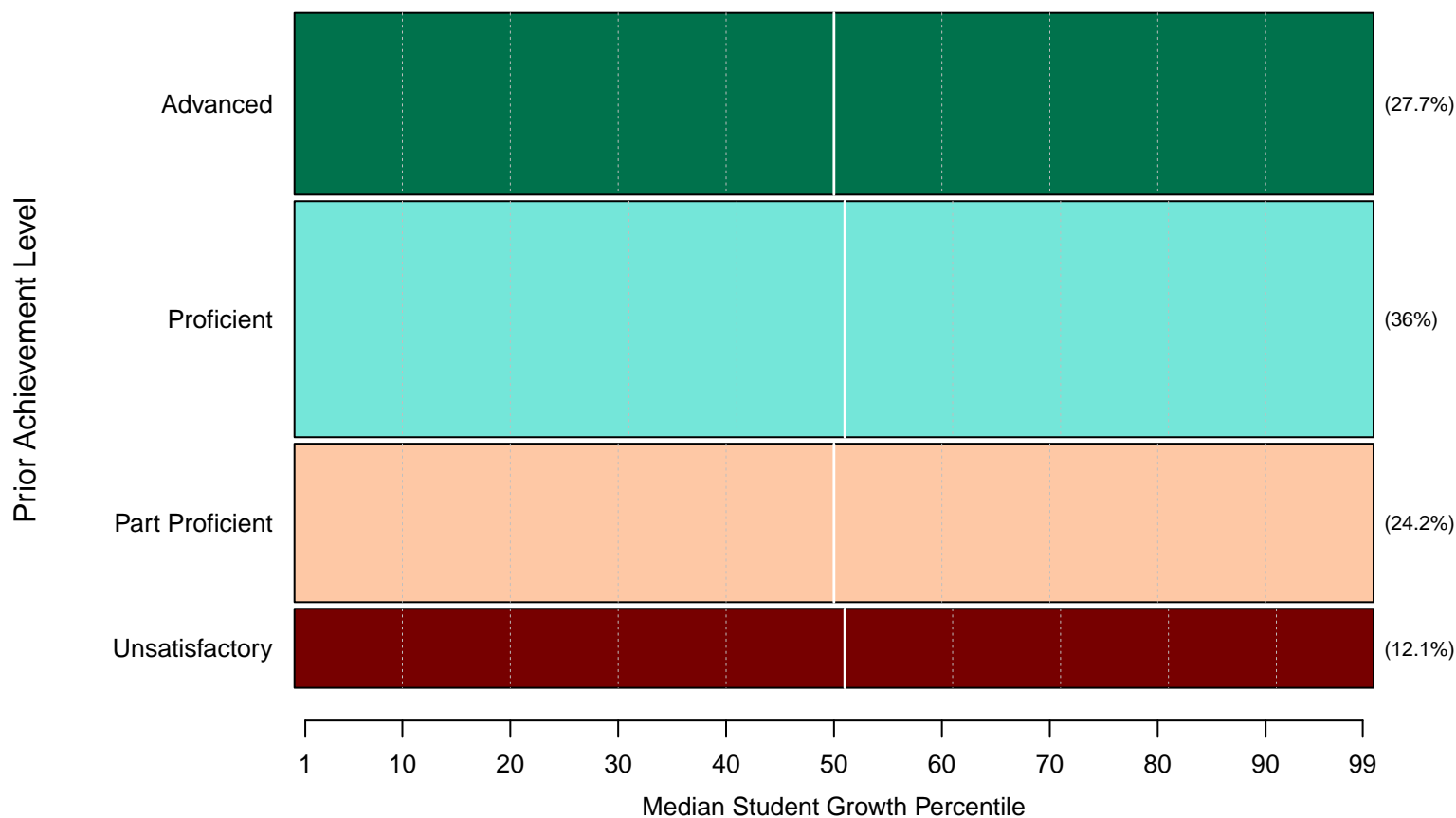
2012 Mathematics SGP, Grade 7 (N = 57,074)

SGP Deciles by Prior Achievement Level

Prior Achievement Level:
- Advanced (27.7%)
- Proficient (36%)
- Part Proficient (24.2%)
- Unsatisfactory (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/[240,444)	9.30	10.13	9.95	10.18	9.55	9.48	10.16	9.94	10.06	11.25	(10%)
2nd/[444,482)	10.44	9.75	9.75	9.37	10.00	9.93	10.09	9.84	10.09	10.74	(10%)
3rd/[482,506)	9.22	10.00	9.87	10.20	10.37	10.13	9.86	10.11	9.60	10.64	(9.6%)
4th/[506,527)	9.10	9.85	9.97	10.14	9.17	9.95	10.01	9.97	10.61	11.22	(10.1%)
5th/[527,546)	9.34	9.55	9.56	9.98	9.72	9.81	9.58	10.16	10.87	11.43	(10.1%)
6th/[546,565)	9.50	9.89	9.94	9.45	10.60	10.18	9.47	9.95	9.82	11.21	(10.1%)
7th/[565,584)	9.28	10.10	9.37	10.66	9.24	10.33	10.61	10.14	9.87	10.40	(10%)
8th/[584,605)	9.38	9.68	10.10	10.00	10.38	9.59	10.26	9.94	10.40	10.26	(10%)
9th/[605,632)	9.55	9.92	9.96	9.48	10.05	10.12	9.68	10.05	10.45	10.75	(10%)
10th/[632,830]	9.42	9.90	9.59	10.11	9.85	10.02	10.24	9.94	10.19	10.72	(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