Student Growth Percentile Goodness–of–Fit Descriptives
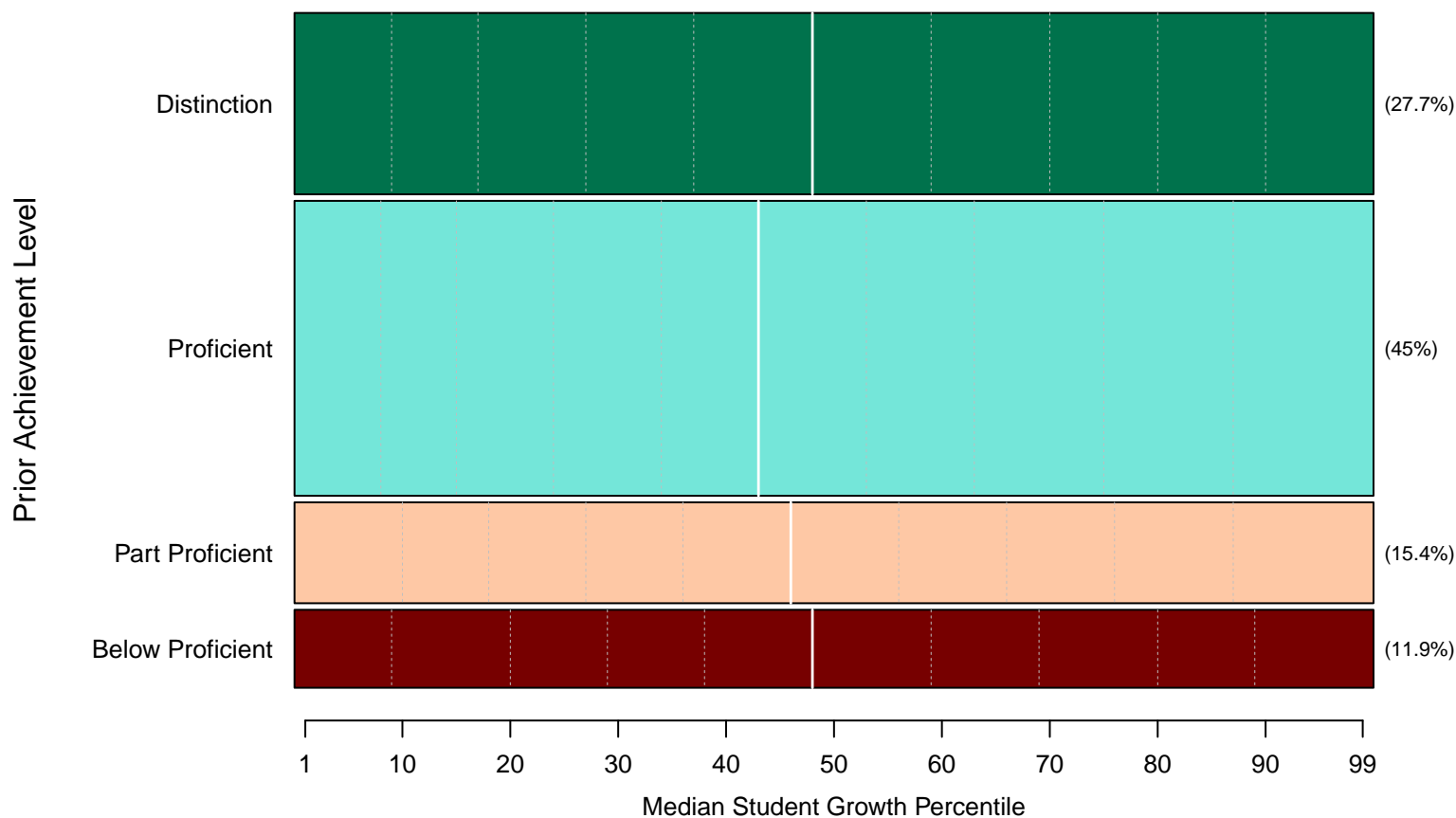
2010–2011 Mathematics SGP, Grade 7 (N = 14,216)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Distinction (27.7%)
- Proficient (45%)
- Part Proficient (15.4%)
- Below Proficient (11.9%)

Median Student Growth Percentile

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/[600,631)	10.12	9.81	11.89	10.66	10.35	8.57	9.27	8.49	11.27	9.58	(9.1%)
2nd/[631,638)	10.60	10.21	10.47	9.95	9.24	11.18	11.05	10.80	8.66	7.82	(10.9%)
3rd/[638,641)	9.04	12.69	10.87	11.15	11.06	10.38	8.17	9.04	8.08	9.52	(7.3%)
4th/[641,644)	12.42	13.07	10.45	11.50	10.64	9.33	9.46	8.08	7.82	7.23	(10.7%)
5th/[644,647)	11.19	14.21	11.41	10.28	9.22	10.73	7.79	9.90	8.54	6.73	(9.3%)
6th/[647,650)	12.80	12.12	11.27	9.81	9.64	10.43	8.74	9.02	8.46	7.72	(12.5%)
7th/[650,652)	14.91	11.29	11.00	9.84	9.84	9.84	8.25	9.26	6.80	8.97	(4.9%)
8th/[652,656)	12.26	11.79	10.57	10.52	8.60	9.77	9.30	9.02	9.16	9.02	(15%)
9th/[656,660)	11.83	11.99	10.17	8.82	10.01	8.50	9.85	8.34	9.77	10.72	(8.9%)
10th/[660,680]	10.15	8.80	10.09	10.57	9.60	8.92	9.78	10.09	10.15	11.86	(11.5%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution