Student Growth Percentile Goodness–of–Fit Descriptives
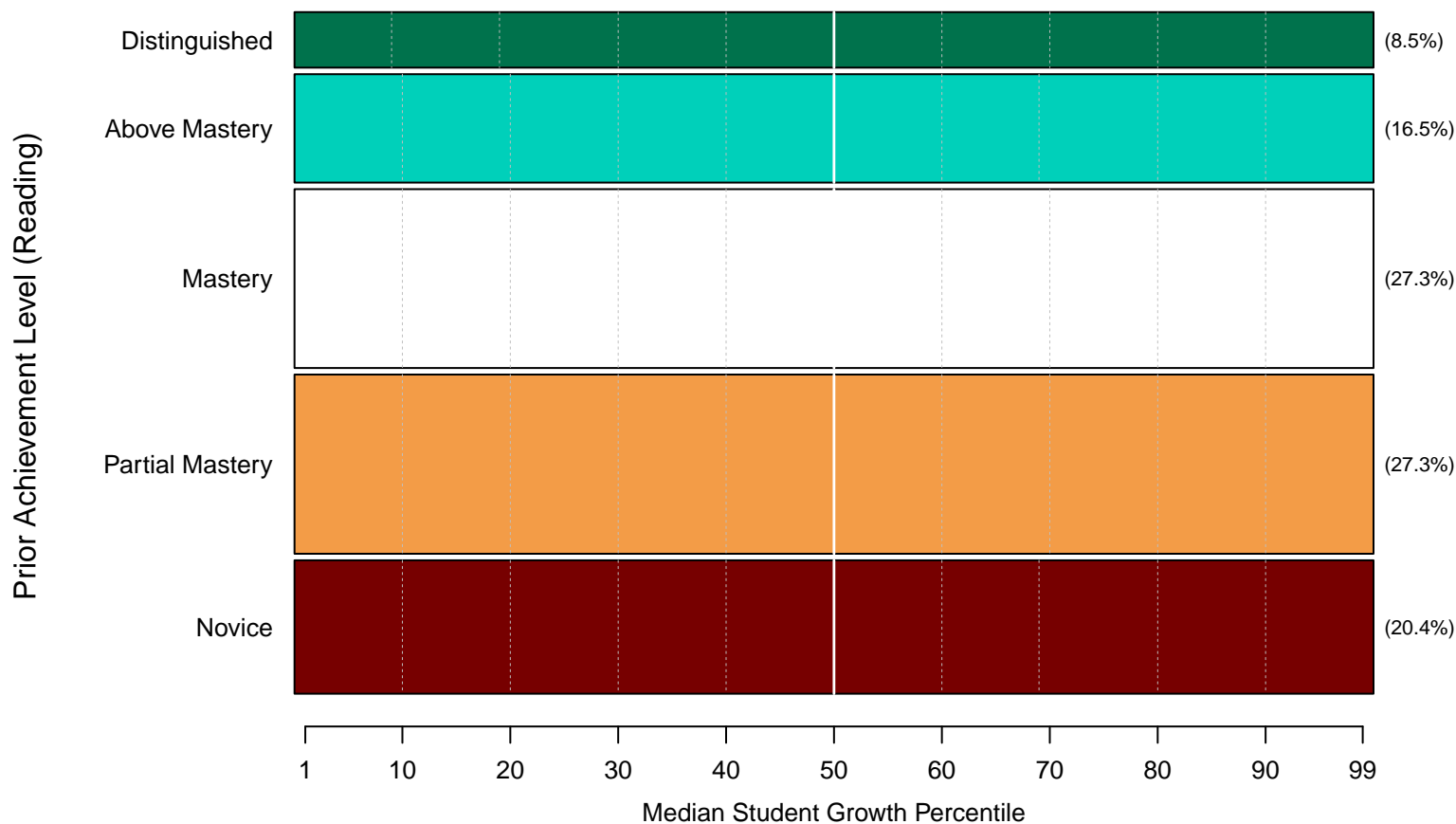
2012–2013 Reading SGP, Grade 7 (N = 17,194)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percent
Distinguished	(8.5%)
Above Mastery	(16.5%)
Mastery	(27.3%)
Partial Mastery	(27.3%)
Novice	(20.4%)

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/[140,421)	10.15	10.03	9.42	10.34	9.35	10.09	10.03	9.85	10.34	10.40	(9.5%)
2nd/[421,441)	9.34	10.64	9.73	9.90	10.02	10.41	10.58	9.68	8.94	10.75	(10.3%)
3rd/[441,453)	9.39	9.74	9.92	11.23	10.22	9.69	9.45	10.10	10.22	10.04	(9.8%)
4th/[453,463)	10.62	9.82	9.77	8.91	9.71	9.37	9.82	10.85	11.08	10.05	(10.2%)
5th/[463,472)	9.08	10.00	10.20	10.13	10.53	10.86	9.80	10.00	9.41	10.00	(8.8%)
6th/[472,480)	9.70	9.70	9.21	10.01	10.31	10.19	10.49	9.09	11.17	10.13	(9.5%)
7th/[480,490)	9.70	10.58	10.86	10.19	9.42	9.47	9.25	10.36	8.59	11.58	(10.5%)
8th/[490,501)	9.43	10.31	9.00	9.87	9.54	9.76	10.36	10.85	10.52	10.36	(10.7%)
9th/[501,518)	9.37	9.70	10.29	9.75	10.46	9.86	10.89	8.88	9.80	11.00	(10.7%)
10th/[518,665]	10.27	10.32	9.74	9.86	9.74	10.44	9.63	10.03	10.09	9.86	(10%)

*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