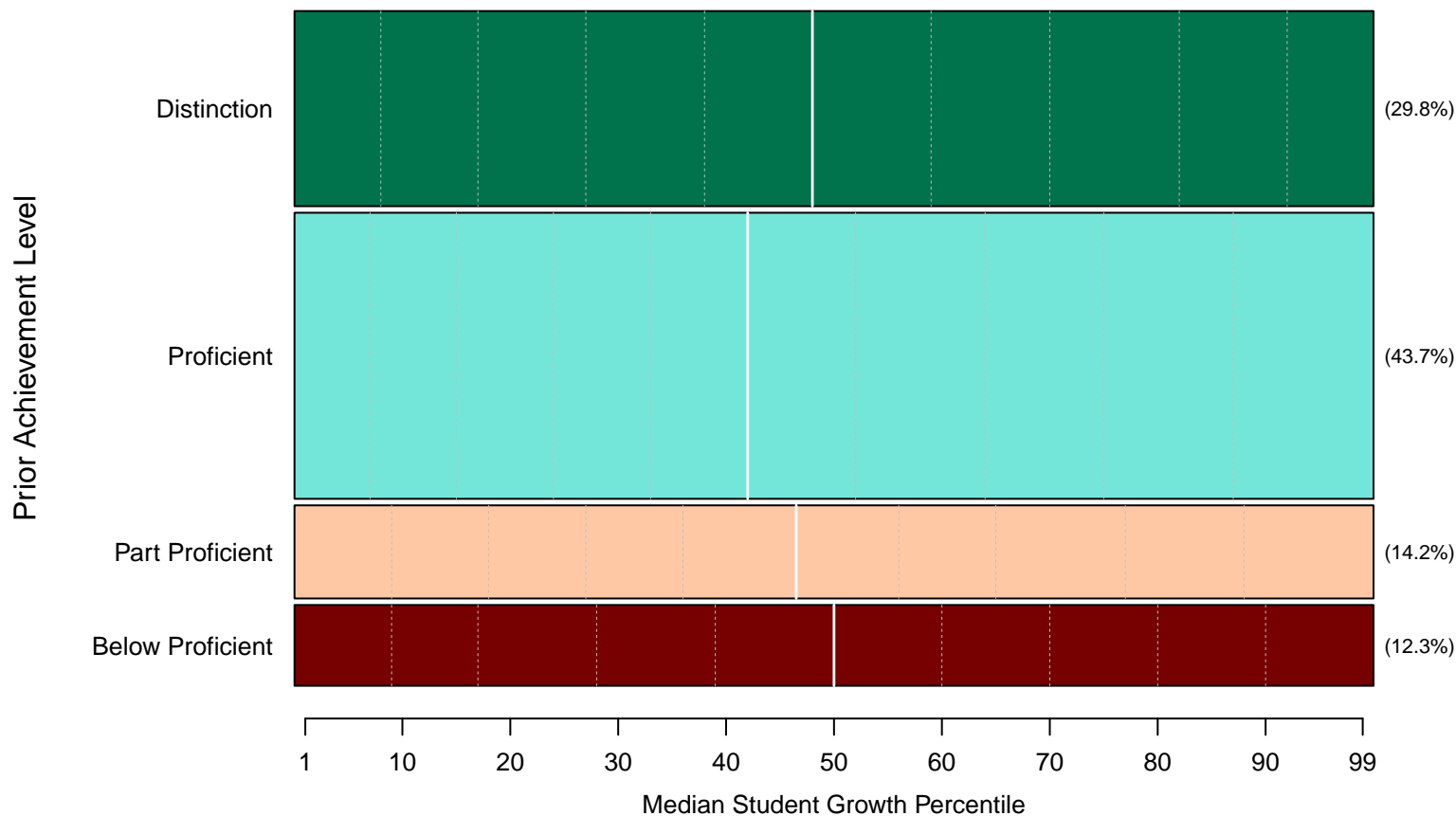# Student Growth Percentile Goodness–of–Fit Descriptives

2012–2013 Mathematics SGP, Grade 7 (N = 13,763)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Distinction (29.8%)
- Proficient (43.7%)
- Part Proficient (14.2%)
- Below Proficient (12.3%)

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)	11.76	11.61	9.18	8.39	9.18	10.90	8.24	10.67	9.73	10.35	(9.3%)
2nd/[631,637)	10.01	10.68	10.68	9.71	8.58	10.53	10.61	10.16	10.01	9.03	(9.7%)
3rd/[637,641)	10.70	11.53	11.30	10.02	10.55	11.08	9.27	7.61	9.19	8.74	(9.6%)
4th/[641,645)	12.75	10.66	12.46	11.60	8.57	10.16	8.36	9.37	7.85	8.21	(10.1%)
5th/[645,648)	14.24	11.74	11.13	10.59	9.99	8.37	9.31	8.91	7.69	8.03	(10.8%)
6th/[648,651)	14.63	11.89	10.72	12.28	9.23	9.15	9.23	8.22	6.73	7.90	(9.3%)
7th/[651,652)	14.83	13.08	10.05	11.16	9.89	7.97	10.69	7.18	7.18	7.97	(4.6%)
8th/[652,657)	12.96	10.94	10.35	11.61	10.04	7.97	9.81	8.82	8.01	9.50	(16.1%)
9th/[657,662)	12.33	10.92	10.36	10.15	9.23	8.74	9.65	8.32	8.25	12.05	(10.3%)
10th/[662,680]	9.75	9.82	8.83	8.90	9.32	8.62	9.11	7.42	11.16	17.09	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution