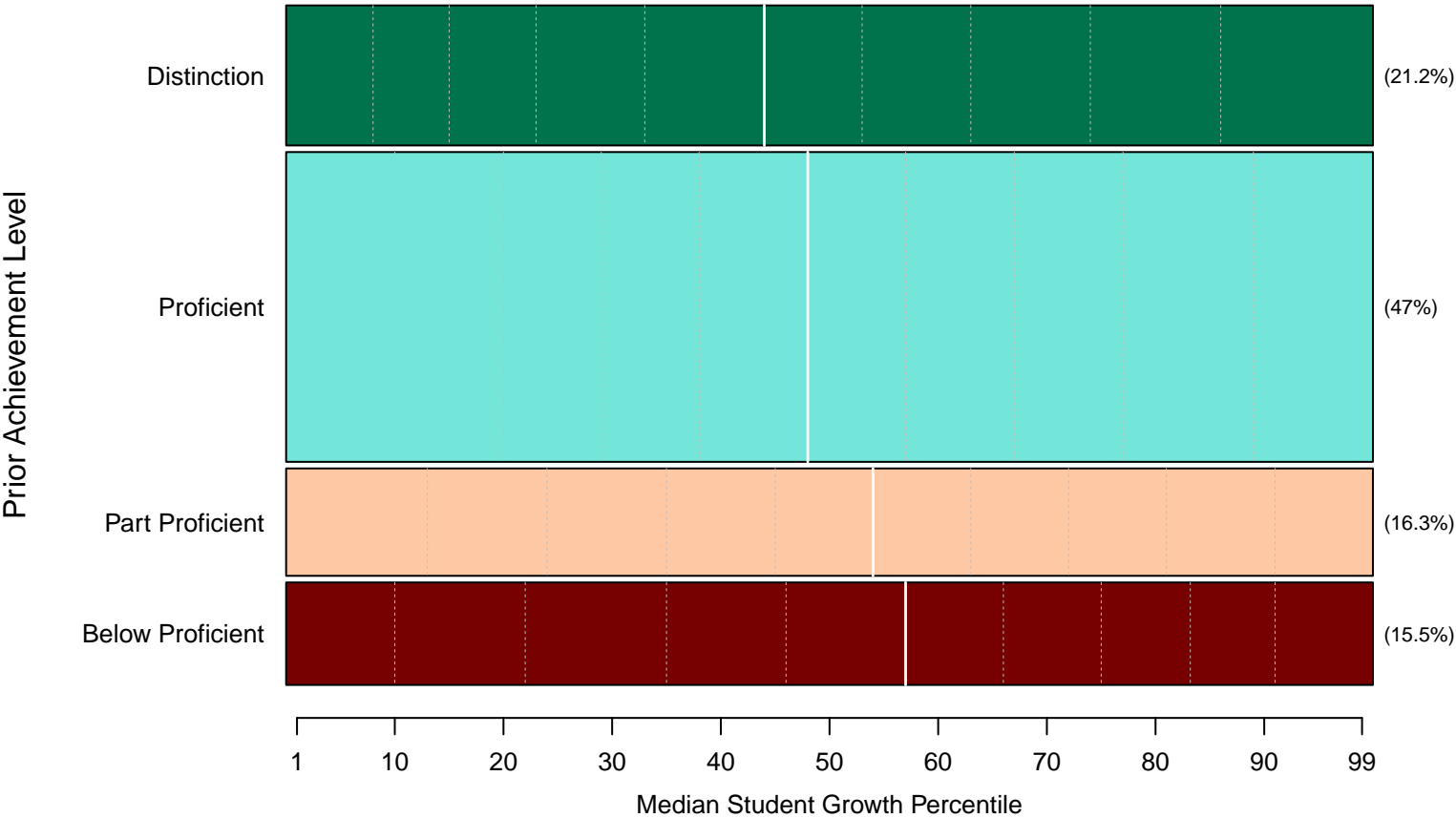# Student Growth Percentile Goodness–of–Fit Descriptives

2007–2008 Mathematics SGP, Grade 7 (N = 14,867)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Distinction (21.2%)
- Proficient (47%)
- Part Proficient (16.3%)
- Below Proficient (15.5%)

Median Student Growth Percentile

Student Growth Percentile Range

*Prior Scale Score Decile/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/[600,629)	10.42	8.86	7.51	10.56	9.99	8.86	9.43	9.50	13.04	11.84	(9.5%)
2nd/[629,635)	6.10	8.11	7.54	8.11	8.47	11.13	12.35	12.63	12.78	12.78	(9.4%)
3rd/[635,639)	8.36	8.97	7.46	10.47	10.47	9.27	11.61	12.06	9.27	12.06	(8.9%)
4th/[639,642)	7.55	9.00	10.24	8.73	11.10	12.93	9.39	9.65	10.70	10.70	(10.2%)
5th/[642,645)	8.57	9.11	9.88	10.73	9.50	10.89	10.50	10.81	8.88	11.12	(8.7%)
6th/[645,648)	9.39	10.48	12.08	11.40	11.40	10.14	9.28	9.39	8.48	7.96	(11.7%)
7th/[648,651)	9.21	10.89	10.05	11.55	11.67	11.67	10.41	9.39	6.92	8.24	(11.2%)
8th/[651,654)	11.15	10.71	11.15	10.78	10.19	8.57	9.31	9.16	9.97	9.01	(9.1%)
9th/[654,658)	11.40	14.23	12.27	9.24	9.64	11.13	8.16	9.10	7.28	7.55	(10%)
10th/[658,680]	12.55	12.55	9.86	10.28	10.46	11.24	8.07	9.03	8.19	7.77	(11.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution