Student Growth Percentile Goodness–of–Fit Descriptives
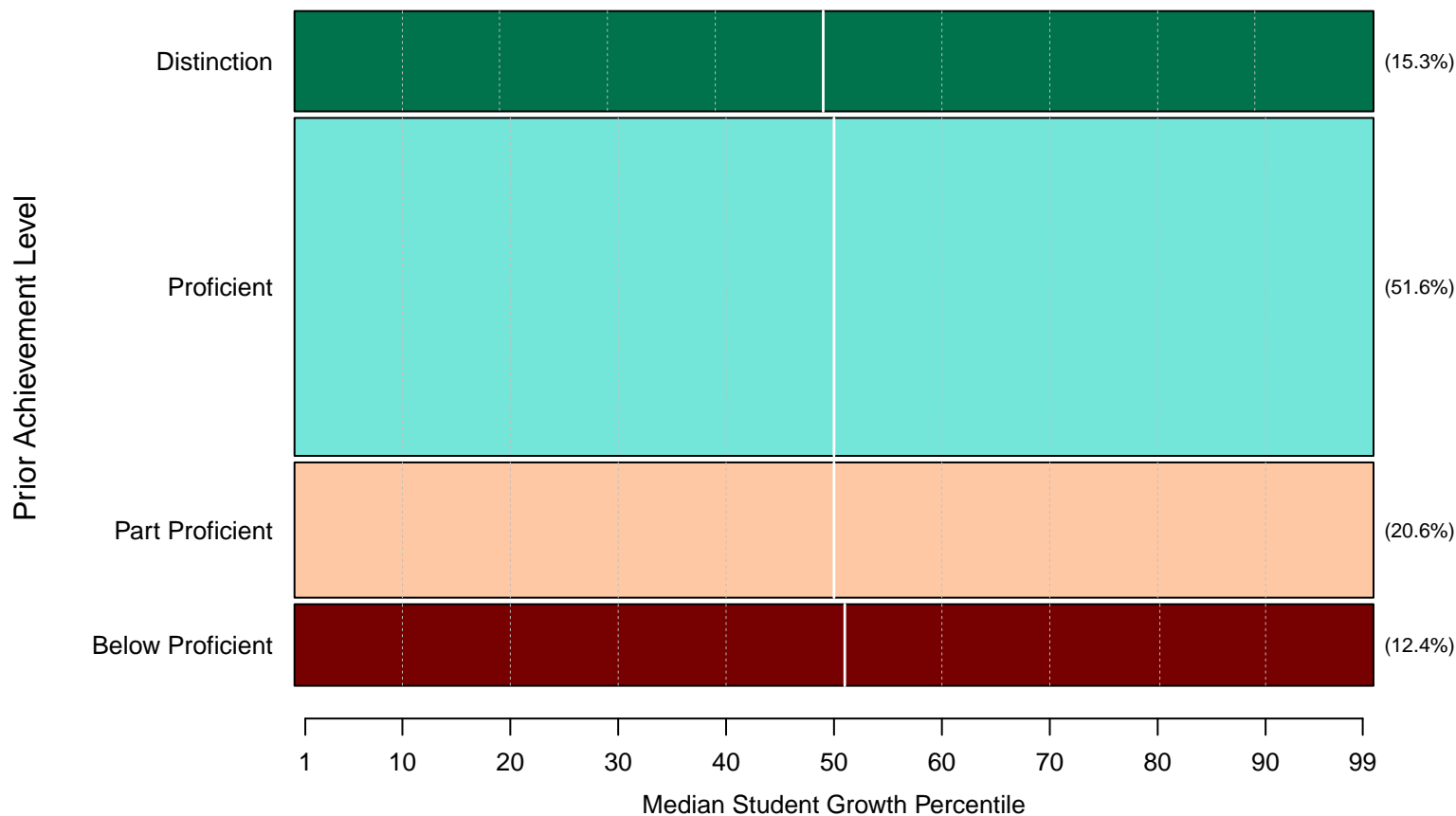## 2007–2008 Mathematics SGP, Grade 5 (N = 14,259)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Distinction (15.3%)
- Proficient (51.6%)
- Part Proficient (20.6%)
- Below Proficient (12.4%)

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/[400,429]	10.36	9.59	9.36	10.29	9.28	10.44	11.06	9.28	10.05	10.29	(9.1%)
2nd/[429,435]	9.00	10.03	11.36	9.81	9.66	9.29	9.44	11.14	9.37	10.91	(9.5%)
3rd/[435,439]	10.66	10.01	9.01	10.30	10.16	10.52	9.94	9.15	9.58	10.66	(9.7%)
4th/[439,442]	9.46	9.53	10.51	9.81	9.74	10.86	9.46	10.02	10.16	10.44	(10.1%)
5th/[442,445]	9.00	9.58	9.96	10.97	10.02	8.94	10.40	10.84	10.27	10.02	(11.1%)
6th/[445,448]	9.55	10.50	10.93	9.77	9.04	9.84	10.13	8.53	10.50	11.22	(9.6%)
7th/[448,450]	10.87	10.87	9.49	8.85	10.66	9.81	10.23	10.45	9.59	9.17	(6.6%)
8th/[450,453]	9.93	8.51	9.17	10.69	9.98	11.57	9.38	10.91	9.22	10.64	(12.9%)
9th/[453,457]	8.55	11.22	9.57	9.33	9.88	10.27	10.82	8.78	10.20	11.37	(8.9%)
10th/[457,480]	9.44	10.17	10.61	10.11	10.17	9.16	9.89	10.22	10.50	9.72	(12.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution