Student Growth Percentile Goodness–of–Fit Descriptives
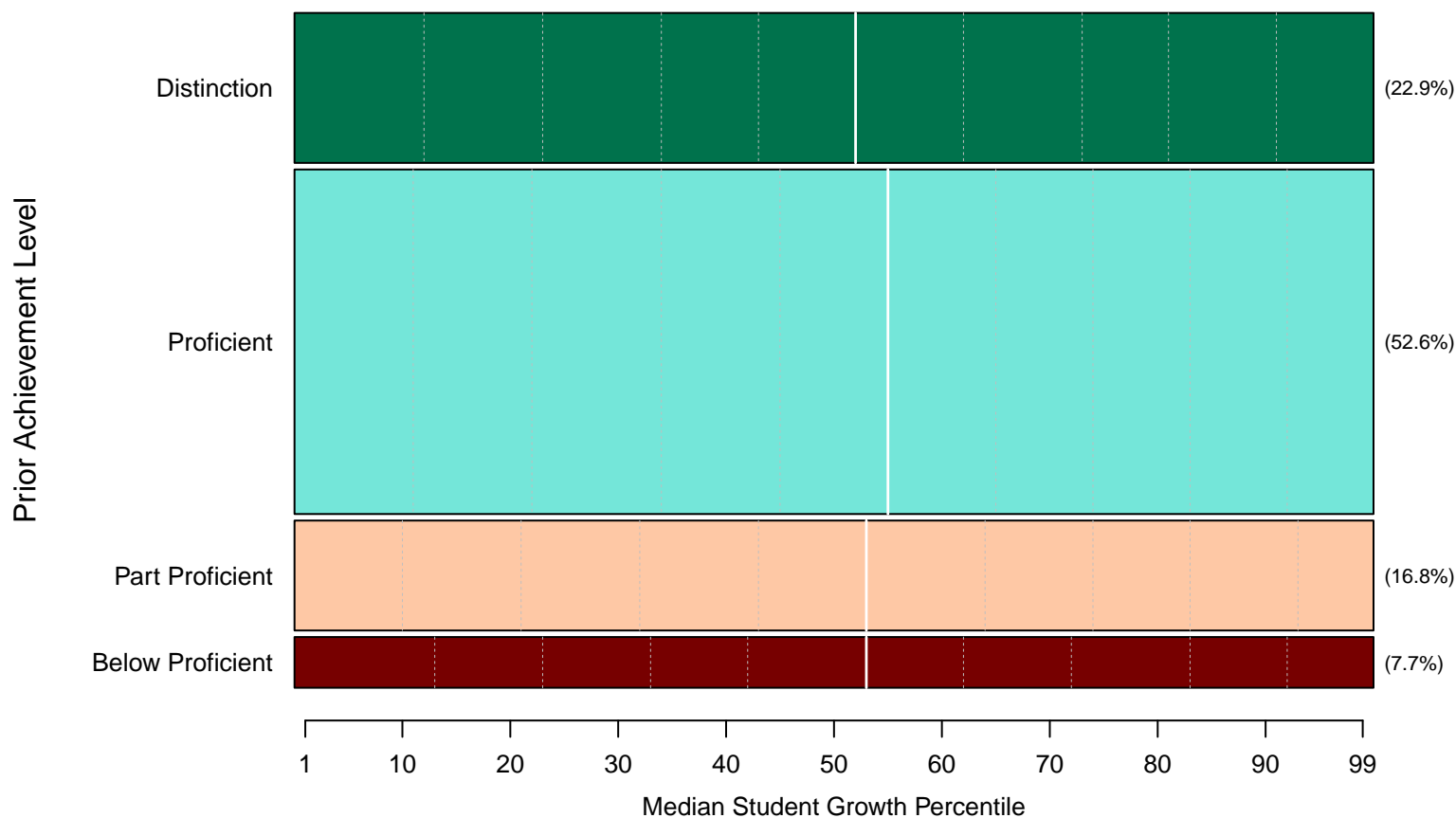## 2009–2010 Reading SGP, Grade 5 (N = 13,898)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Distinction (22.9%)
- Proficient (52.6%)
- Part Proficient (16.8%)
- Below Proficient (7.7%)

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/[400,432)	7.28	9.24	10.06	10.87	9.24	10.79	9.73	8.83	11.28	12.67	(8.8%)
2nd/[432,438)	9.51	9.16	9.02	9.30	9.65	9.30	10.21	10.35	9.65	13.85	(10.3%)
3rd/[438,441)	9.09	9.78	9.95	7.63	9.26	8.40	9.95	10.89	11.41	13.64	(8.4%)
4th/[441,445)	8.54	9.26	8.21	8.28	8.41	9.40	10.38	12.68	11.83	13.01	(11%)
5th/[445,447)	9.12	8.87	7.40	10.35	10.44	9.29	9.70	12.57	12.08	10.19	(8.8%)
6th/[447,450)	8.12	9.55	8.65	8.50	8.72	10.45	10.38	11.88	11.95	11.80	(9.6%)
7th/[450,453)	7.96	8.10	10.18	8.52	9.00	11.36	10.94	10.11	10.80	13.02	(10.4%)
8th/[453,456)	9.39	8.30	8.66	8.23	9.60	11.77	11.12	8.88	10.61	13.43	(10%)
9th/[456,462)	8.14	8.81	7.84	10.75	11.36	10.45	8.99	11.06	10.75	11.85	(11.8%)
10th/[462,480]	8.14	8.73	10.03	10.03	9.97	9.64	10.75	11.21	10.88	10.62	(11%)

*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