Student Growth Percentile Goodness–of–Fit Descriptives
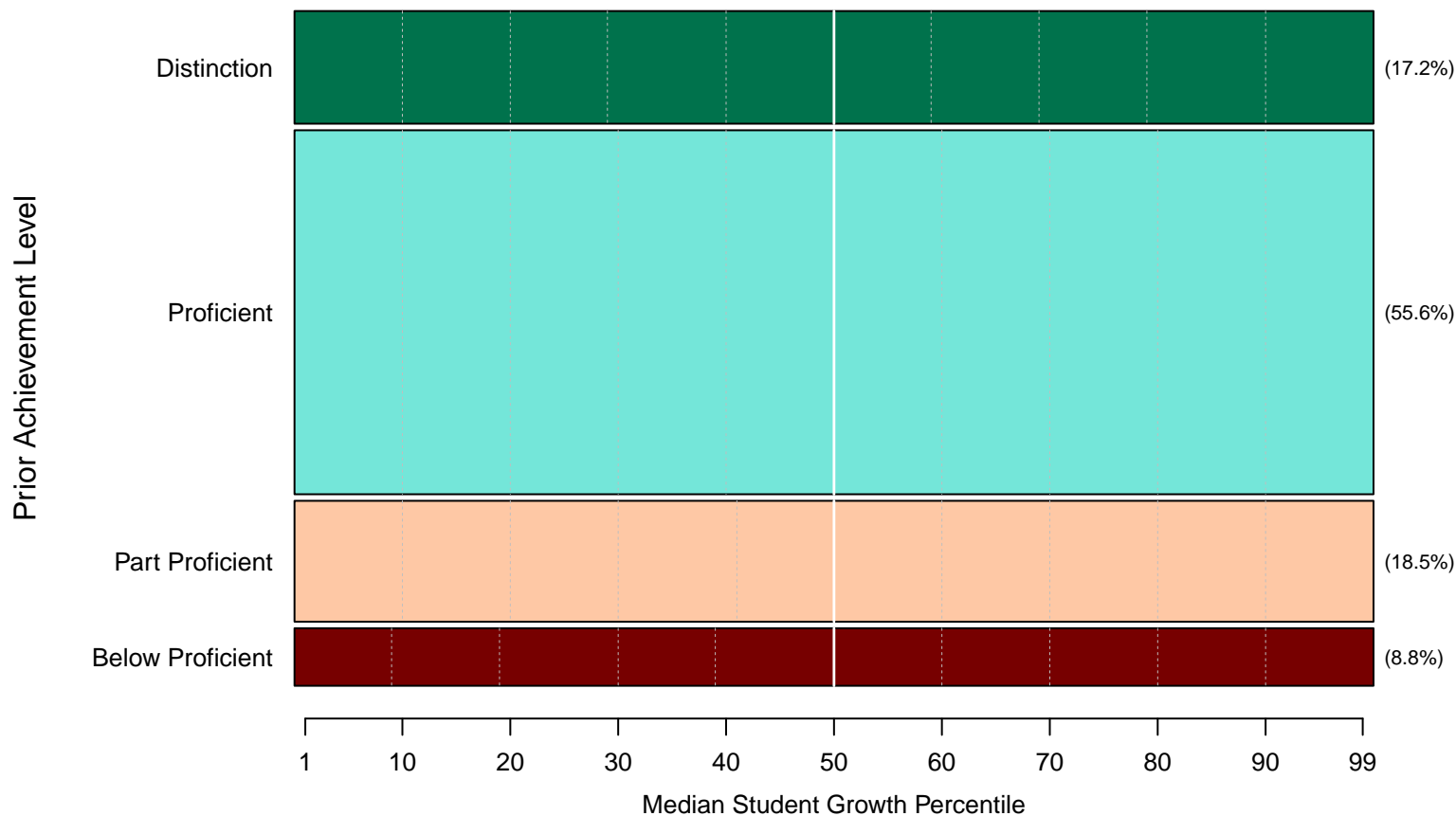## 2007–2008 Reading SGP, Grade 5 (N = 14,289)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Distinction	(17.2%)
Proficient	(55.6%)
Part Proficient	(18.5%)
Below Proficient	(8.8%)

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/[400,432)	10.76	9.70	9.49	10.34	9.42	9.99	9.70	10.13	9.77	10.69	(10%)
2nd/[432,438)	9.21	11.08	10.79	9.78	10.86	10.00	10.29	9.06	9.57	9.35	(9.7%)
3rd/[438,441)	9.63	8.61	8.61	9.54	10.09	10.00	9.63	11.02	11.67	11.20	(7.6%)
4th/[441,444)	9.45	10.81	10.23	10.49	9.51	9.58	9.77	10.16	9.12	10.88	(10.7%)
5th/[444,446)	9.94	9.05	11.86	9.38	10.02	10.02	10.02	8.97	9.62	11.14	(8.7%)
6th/[446,449)	9.82	9.89	9.89	9.26	10.03	9.61	11.22	10.59	9.89	9.82	(10%)
7th/[449,452)	9.61	10.34	9.74	10.54	9.48	10.74	9.34	9.21	10.27	10.74	(10.6%)
8th/[452,455)	9.61	10.00	9.67	9.54	10.65	9.35	10.07	10.65	9.67	10.78	(10.7%)
9th/[455,458)	10.02	10.33	10.33	10.64	10.18	9.87	10.10	8.19	9.79	10.56	(9.1%)
10th/[458,480]	9.12	9.72	10.64	9.77	9.66	10.42	9.66	10.75	10.10	10.15	(12.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution