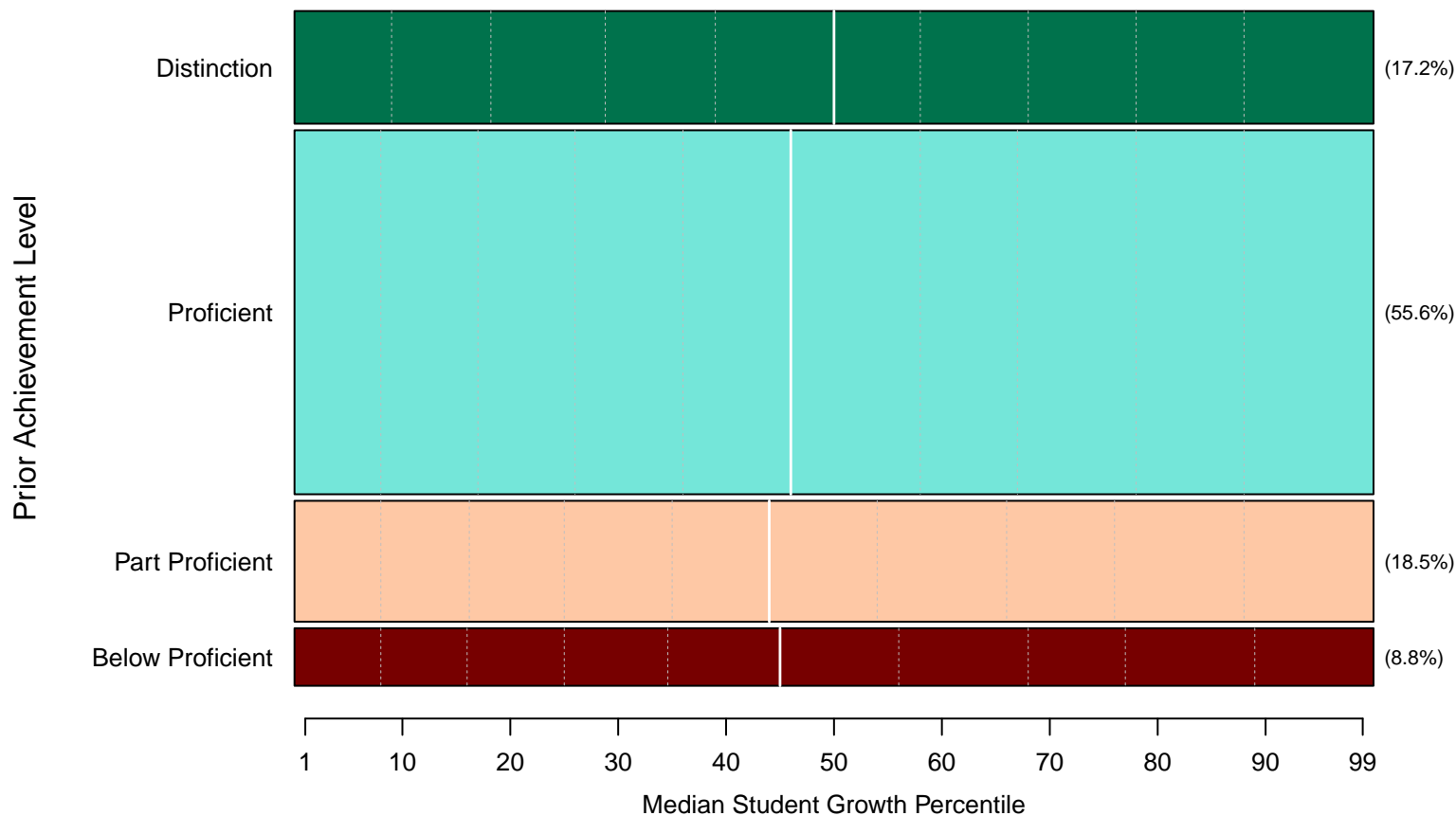# Student Growth Percentile Goodness–of–Fit Descriptives
2007–2008 Reading SGP, Grade 5 (N = 14,289)

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)	13.08	10.90	10.69	10.27	10.13	8.72	8.58	9.56	8.93	9.14	(10%)
2nd/[432,438)	12.16	12.52	10.94	11.08	10.79	9.78	7.55	8.99	7.91	8.27	(9.7%)
3rd/[438,441)	11.85	10.00	10.46	10.46	9.17	9.72	9.63	9.72	10.00	8.98	(7.6%)
4th/[441,444)	12.70	11.14	12.57	10.42	9.45	8.34	9.51	8.99	7.56	9.32	(10.7%)
5th/[444,446)	11.46	11.86	11.46	9.86	9.86	9.21	8.73	9.13	8.41	10.02	(8.7%)
6th/[446,449)	11.36	10.45	10.03	10.24	8.84	8.63	11.71	11.36	9.12	8.27	(10%)
7th/[449,452)	10.54	12.26	9.48	10.67	9.15	8.35	10.87	8.61	10.93	9.15	(10.6%)
8th/[452,455)	12.22	10.78	10.39	9.15	10.07	7.97	10.20	10.26	9.61	9.35	(10.7%)
9th/[455,458)	13.01	10.79	10.94	10.33	8.42	9.79	10.48	7.80	10.33	8.11	(9.1%)
10th/[458,480]	9.83	9.39	9.72	9.99	9.61	11.02	10.86	9.66	10.48	9.45	(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