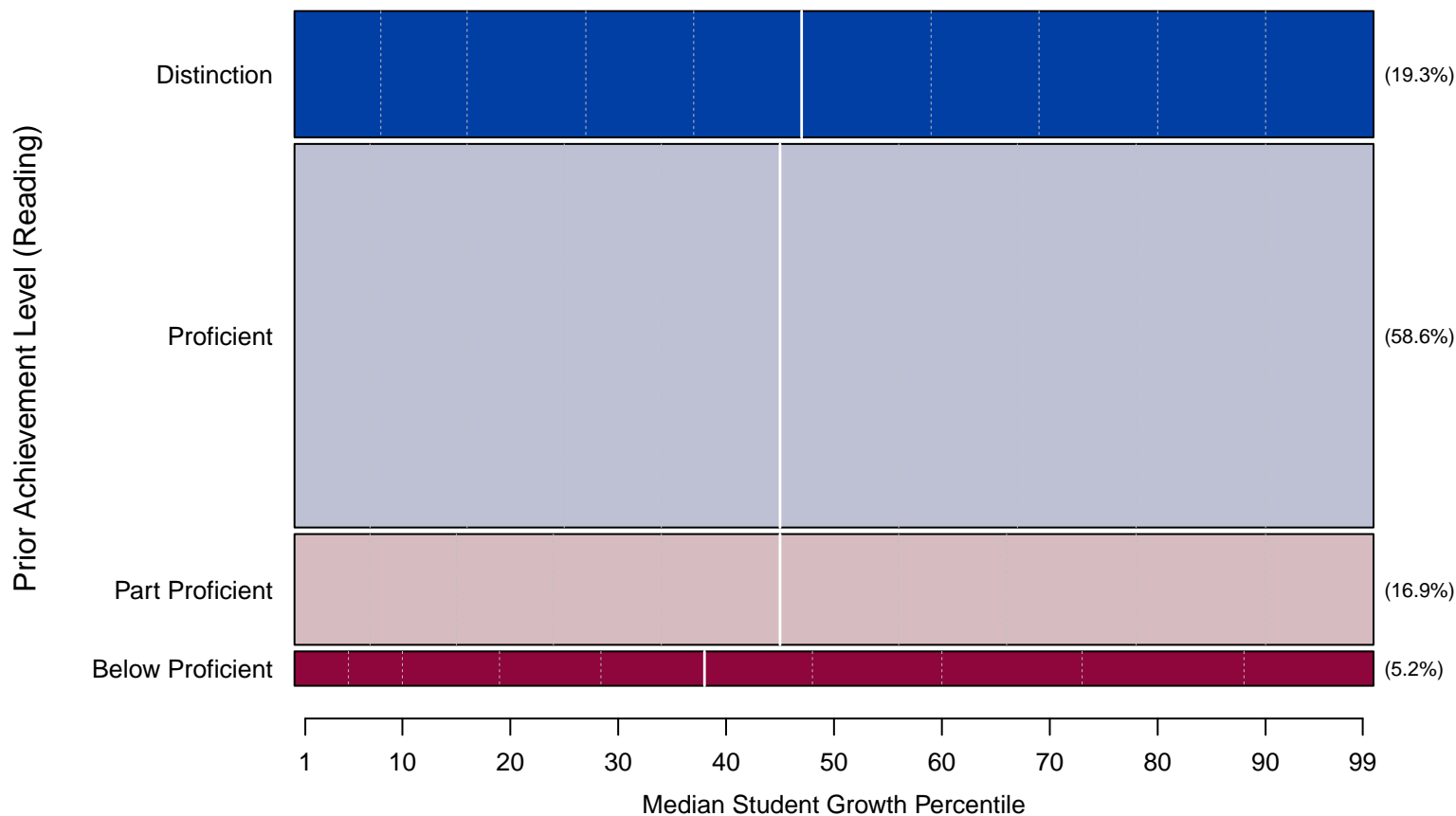# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 6 (N = 13,467)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Distinction (19.3%)
- Proficient (58.6%)
- Part Proficient (16.9%)
- Below Proficient (5.2%)

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/[500,535]	15.54	13.17	11.03	10.57	8.96	8.04	7.50	7.96	7.43	9.80	(9.7%)
2nd/[535,539]	14.48	10.57	10.37	9.86	10.27	9.34	7.91	8.93	8.83	9.45	(7.2%)
3rd/[539,543]	13.09	12.22	11.03	8.35	9.60	9.54	9.79	8.04	8.23	10.10	(11.9%)
4th/[543,546]	13.82	10.91	9.45	10.27	10.45	8.82	8.64	9.18	8.27	10.18	(8.2%)
5th/[546,548]	11.74	13.87	11.23	10.05	8.44	6.75	8.07	9.83	9.90	10.12	(10.1%)
6th/[548,551]	12.42	11.58	11.45	10.68	9.97	8.69	9.01	7.53	8.49	10.17	(11.5%)
7th/[551,553]	13.26	9.72	9.85	9.97	10.73	8.33	10.73	7.95	9.60	9.85	(5.9%)
8th/[553,555]	11.97	10.94	11.52	8.35	9.32	9.06	9.71	9.00	8.48	11.65	(11.5%)
9th/[555,561]	11.86	12.04	10.11	9.18	9.18	7.95	11.10	9.59	8.36	10.64	(12.7%)
10th/[561,580]	12.25	10.94	9.55	9.88	8.37	9.49	9.49	9.35	10.41	10.28	(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