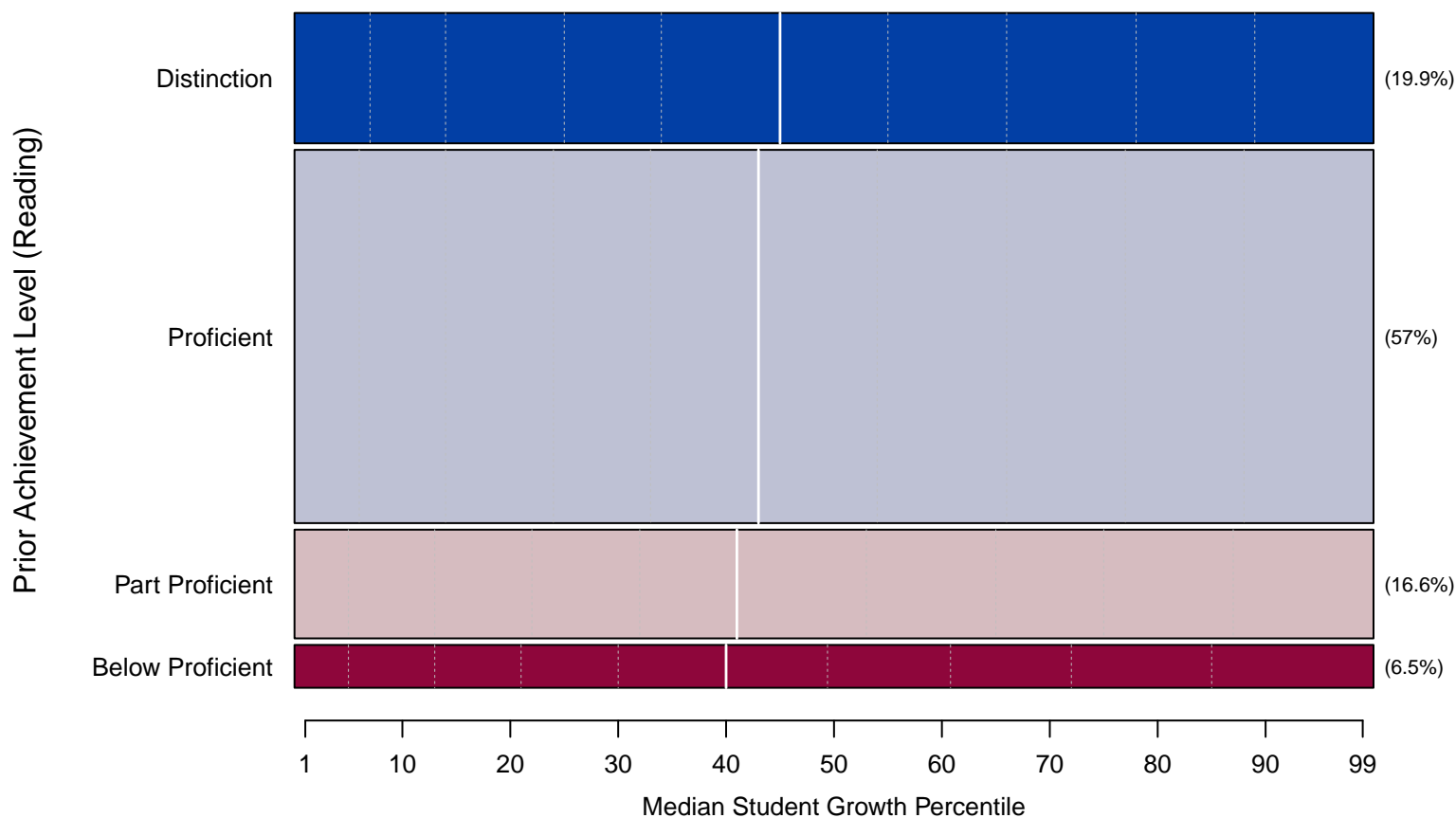# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 8 (N = 13,851)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Distinction (19.9%)
- Proficient (57%)
- Part Proficient (16.6%)
- Below Proficient (6.5%)

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/[700,732)	15.67	13.27	11.44	9.87	10.12	8.29	8.29	8.87	6.55	7.63	(8.7%)
2nd/[732,738)	16.21	11.59	11.35	11.20	8.14	9.55	8.69	8.69	6.11	8.46	(9.2%)
3rd/[738,742)	15.83	9.55	10.55	11.31	7.96	9.30	9.21	10.47	8.46	7.37	(8.6%)
4th/[742,746)	14.95	10.70	10.83	10.39	9.56	9.18	8.68	10.01	7.47	8.23	(11.4%)
5th/[746,749)	13.38	11.47	11.39	9.48	9.64	9.64	8.65	8.23	7.98	10.14	(8.7%)
6th/[749,752)	13.73	10.95	9.53	10.28	10.73	9.38	8.55	8.55	8.70	9.60	(9.6%)
7th/[752,756)	13.14	11.13	10.70	10.98	9.05	6.60	9.91	9.55	9.76	9.19	(10.1%)
8th/[756,759)	13.42	12.28	11.14	10.39	8.79	7.43	9.17	10.31	9.17	7.88	(9.5%)
9th/[759,765)	13.48	11.27	9.13	10.66	9.25	9.38	10.17	9.01	8.21	9.44	(11.8%)
10th/[765,780]	15.39	9.97	9.74	10.79	9.10	9.39	9.33	7.52	8.57	10.20	(12.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution