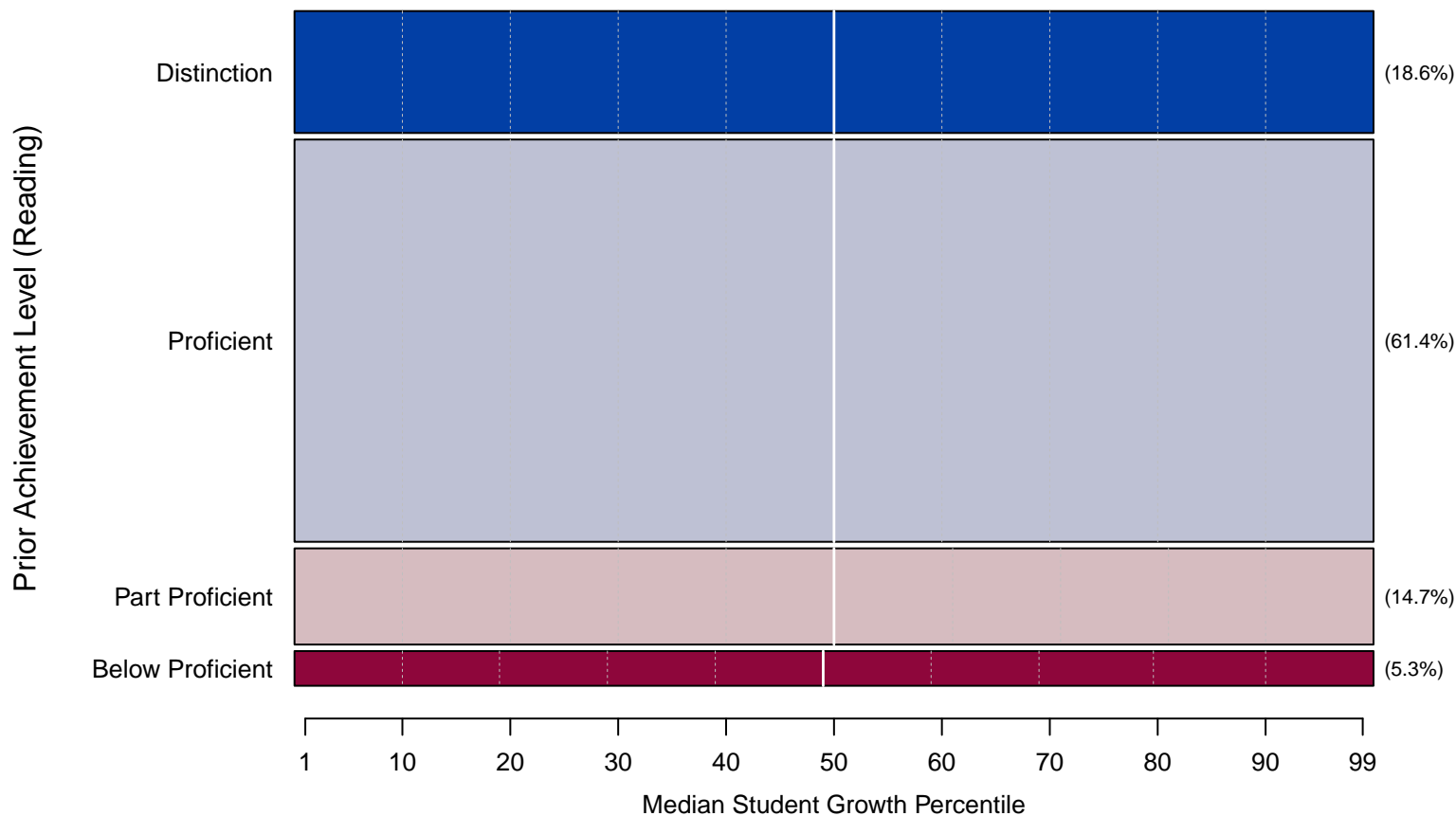# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 7 (N = 13,459)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Distinction (18.6%)
- Proficient (61.4%)
- Part Proficient (14.7%)
- Below Proficient (5.3%)

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/[600,634)	9.48	9.48	10.18	9.95	10.80	9.95	9.71	10.33	10.49	9.63	(9.6%)
2nd/[634,640)	9.99	9.77	10.13	10.41	10.13	8.70	9.63	9.70	10.20	11.34	(10.4%)
3rd/[640,643)	8.61	10.25	10.76	10.14	9.43	10.04	10.04	9.63	10.14	10.96	(7.3%)
4th/[643,646)	9.83	9.68	8.89	10.54	9.91	10.70	10.15	10.31	9.83	10.15	(9.4%)
5th/[646,649)	10.00	9.86	9.93	11.10	10.68	10.27	9.79	8.70	9.79	9.86	(10.8%)
6th/[649,653)	9.09	10.13	10.52	9.03	9.48	10.06	9.87	11.10	10.19	10.52	(11.4%)
7th/[653,655)	9.81	9.57	10.43	10.43	9.44	10.06	9.57	10.43	9.69	10.56	(6%)
8th/[655,658)	10.28	11.43	9.31	9.89	10.08	10.02	10.08	9.57	9.63	9.70	(11.6%)
9th/[658,665)	9.11	9.28	10.47	10.64	10.36	10.53	9.85	9.56	9.16	11.04	(13.1%)
10th/[665,680]	10.04	9.97	10.26	9.19	9.54	9.62	10.26	10.11	10.47	10.54	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution