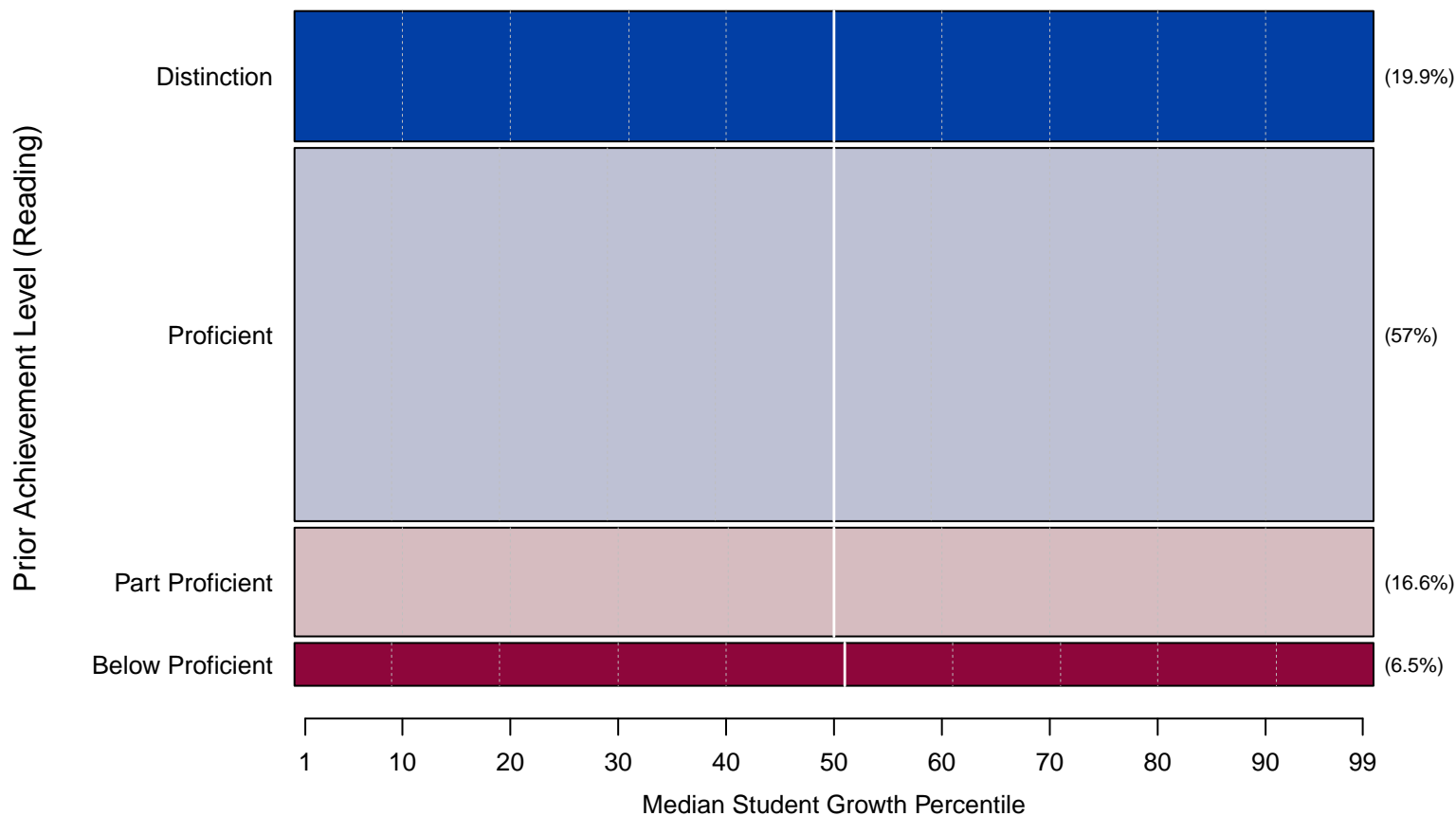# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 8 (N = 13,851)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percent
Distinction	(19.9%)
Proficient	(57%)
Part Proficient	(16.6%)
Below Proficient	(6.5%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

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)	10.61	10.03	9.54	9.54	9.37	10.20	10.20	9.87	9.45	11.19	(8.7%)
2nd/[732,738)	9.55	10.42	10.26	9.95	10.42	9.79	10.02	9.95	9.16	10.49	(9.2%)
3rd/[738,742)	8.96	10.39	10.13	9.38	9.46	10.47	10.13	9.21	11.64	10.22	(8.6%)
4th/[742,746)	11.40	8.68	10.32	9.69	9.82	10.45	9.37	10.45	9.82	10.01	(11.4%)
5th/[746,749)	9.98	10.72	9.56	9.98	9.39	10.14	10.56	9.39	9.23	11.06	(8.7%)
6th/[749,752)	10.05	9.38	10.05	9.68	10.50	10.13	10.05	10.28	9.53	10.35	(9.6%)
7th/[752,756)	9.33	10.62	9.62	10.34	9.76	9.91	9.48	9.62	11.20	10.12	(10.1%)
8th/[756,759)	9.55	10.39	11.37	9.70	9.70	8.87	9.93	9.48	10.99	10.01	(9.5%)
9th/[759,765)	10.05	9.25	8.95	10.54	9.31	10.91	10.17	10.78	9.19	10.85	(11.8%)
10th/[765,780]	9.68	10.26	9.80	10.26	10.09	9.68	10.03	9.45	10.09	10.67	(12.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100