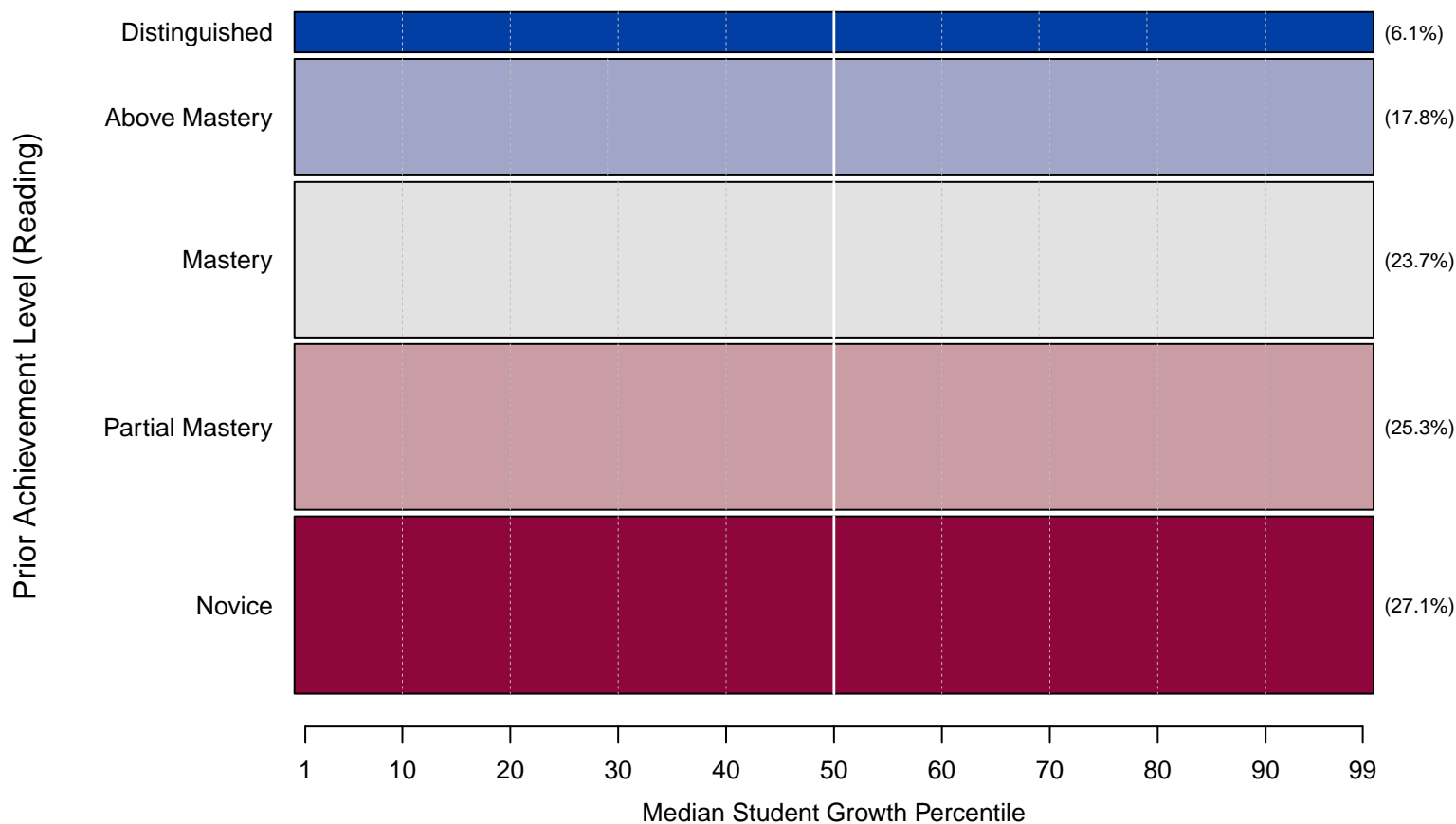# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 5 (N = 18,755)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percent
Distinguished	(6.1%)
Above Mastery	(17.8%)
Mastery	(23.7%)
Partial Mastery	(25.3%)
Novice	(27.1%)

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/[133,396)	9.48	10.08	10.02	9.75	10.46	10.46	9.53	10.13	10.19	9.91	(9.8%)
2nd/[396,416)	10.79	10.28	9.94	8.91	9.31	10.17	10.28	9.71	9.94	10.68	(9.3%)
3rd/[416,430)	8.46	10.17	9.26	11.03	9.80	10.22	10.65	9.90	9.90	10.60	(10%)
4th/[430,440)	9.37	9.37	11.28	10.11	11.22	9.31	9.86	10.17	9.19	10.11	(8.6%)
5th/[440,451)	9.78	9.59	10.60	10.32	9.59	10.64	9.27	9.68	9.87	10.64	(11.7%)
6th/[451,459)	9.28	10.76	9.52	9.28	10.35	9.52	10.17	10.17	10.82	10.11	(9%)
7th/[459,470)	9.66	9.81	9.23	9.81	9.96	10.49	10.44	9.81	9.52	11.27	(11%)
8th/[470,479)	9.27	9.27	9.49	10.31	11.18	9.81	10.69	9.71	9.87	10.41	(9.8%)
9th/[479,493)	9.76	10.79	10.99	9.55	8.99	9.91	9.71	10.32	9.76	10.22	(10.4%)
10th/[493,595]	9.55	10.01	9.60	10.16	10.32	10.11	9.86	9.55	10.32	10.52	(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