Student Growth Percentile Goodness–of–Fit Descriptives
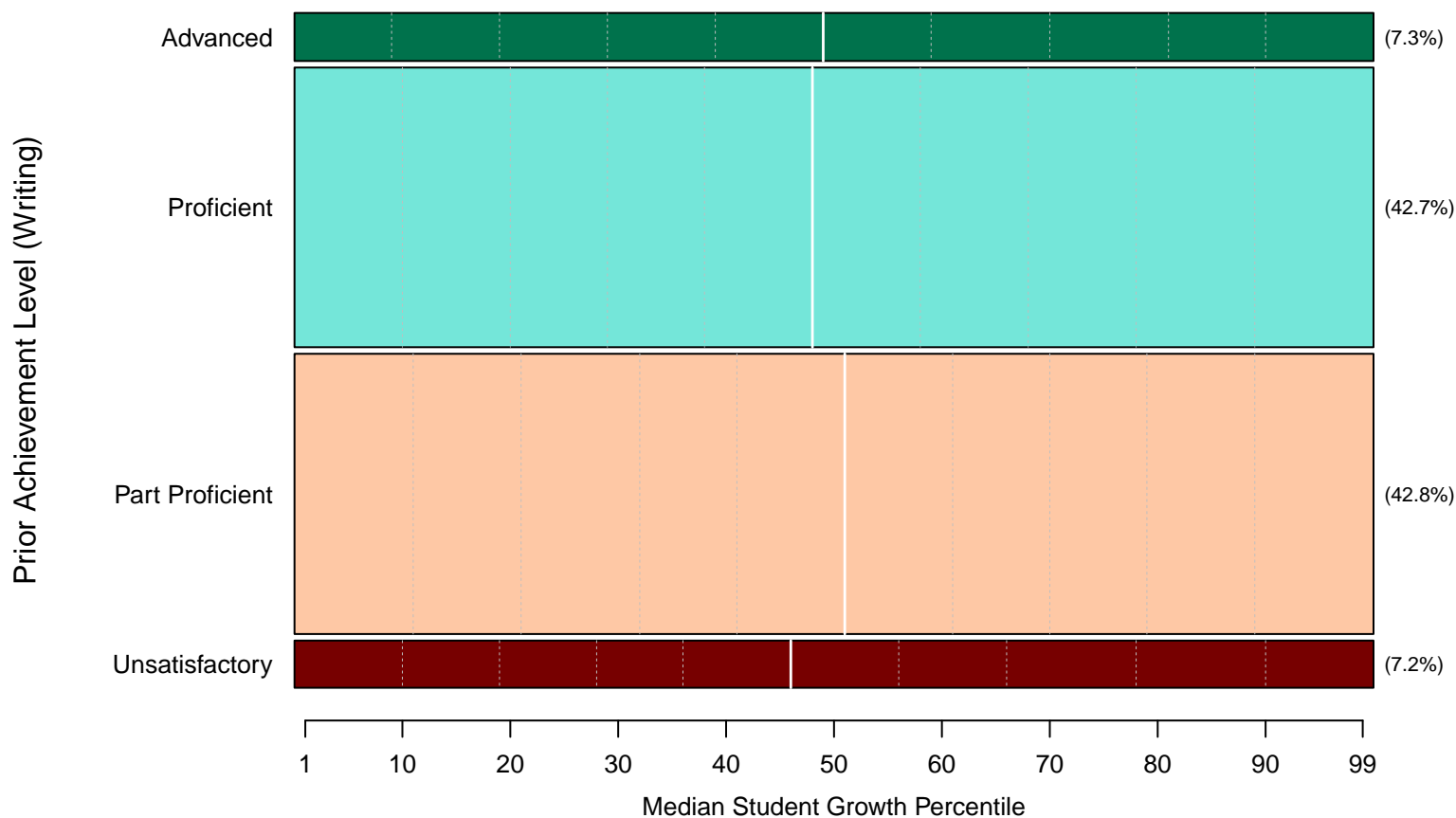## 2013 Writing SGP, Grade 5 (N = 59,386)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Writing)

Level	Percentage
Advanced	(7.3%)
Proficient	(42.7%)
Part Proficient	(42.8%)
Unsatisfactory	(7.2%)

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/[190,423)	8.64	10.92	11.11	11.58	10.16	10.04	9.66	9.39	8.42	10.08	(10%)
2nd/[423,445)	8.33	10.40	9.53	10.06	10.03	10.28	10.00	10.28	10.23	10.85	(10%)
3rd/[445,460)	8.43	9.75	10.10	9.72	10.11	10.13	10.67	10.67	10.43	9.99	(9.7%)
4th/[460,473)	8.33	9.10	9.93	10.09	10.86	9.75	12.13	11.19	9.77	8.86	(10.1%)
5th/[473,485)	8.85	9.82	9.31	10.74	11.33	9.92	10.94	9.90	10.46	8.75	(10.2%)
6th/[485,496)	9.71	10.19	9.74	10.60	10.59	11.12	9.35	10.60	9.76	8.33	(9.4%)
7th/[496,509)	8.67	11.21	10.64	10.84	10.59	10.33	9.66	10.51	9.31	8.23	(10.5%)
8th/[509,523)	9.02	10.06	11.09	11.58	10.19	10.40	10.05	9.29	9.23	9.09	(9.5%)
9th/[523,545)	9.43	11.06	11.15	10.29	10.12	9.39	9.77	9.68	9.24	9.87	(10.4%)
10th/[545,730]	9.87	10.70	9.97	10.32	9.89	10.03	9.24	9.16	10.15	10.68	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution