Student Growth Percentile Goodness–of–Fit Descriptives
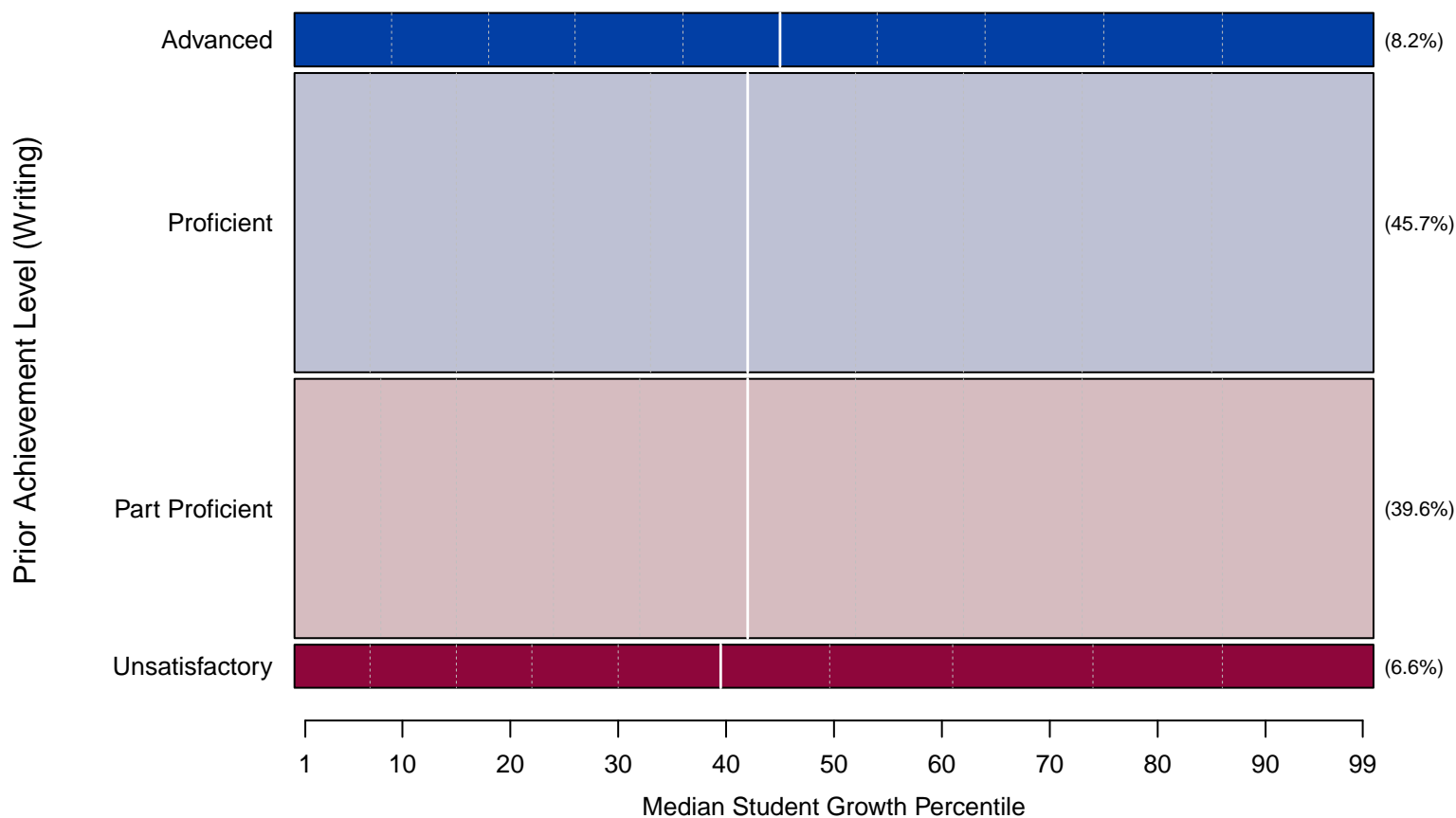## 2014 Writing SGP, Grade 5 (N = 60,715)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Writing)

- Advanced (8.2%)
- Proficient (45.7%)
- Part Proficient (39.6%)
- Unsatisfactory (6.6%)

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/[190,425)	13.41	12.56	11.67	11.20	9.63	9.18	8.44	7.84	7.77	8.29	(9.9%)
2nd/[425,448)	11.98	12.54	11.66	10.75	10.41	10.00	8.92	8.20	7.57	7.97	(10%)
3rd/[448,464)	12.66	12.81	11.49	11.00	10.58	9.16	9.19	8.08	8.20	6.83	(9.7%)
4th/[464,477)	12.56	13.88	11.19	11.17	10.24	9.11	8.84	8.90	7.55	6.57	(9.7%)
5th/[477,489)	12.75	12.97	11.00	11.05	10.35	10.30	9.16	8.51	7.42	6.49	(10.3%)
6th/[489,500)	13.10	12.28	10.56	11.25	10.68	10.01	8.63	9.54	7.58	6.39	(9.6%)
7th/[500,513)	13.74	11.92	11.48	11.38	9.46	9.66	9.44	8.92	7.94	6.06	(10.7%)
8th/[513,527)	13.10	11.38	10.67	10.86	10.47	10.43	10.03	8.42	8.63	6.01	(9.8%)
9th/[527,548)	12.19	11.66	11.20	10.99	10.03	9.89	9.90	9.17	8.25	6.71	(10.3%)
10th/[548,730]	10.73	11.41	11.02	10.61	11.13	10.89	9.68	9.40	8.39	6.73	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution