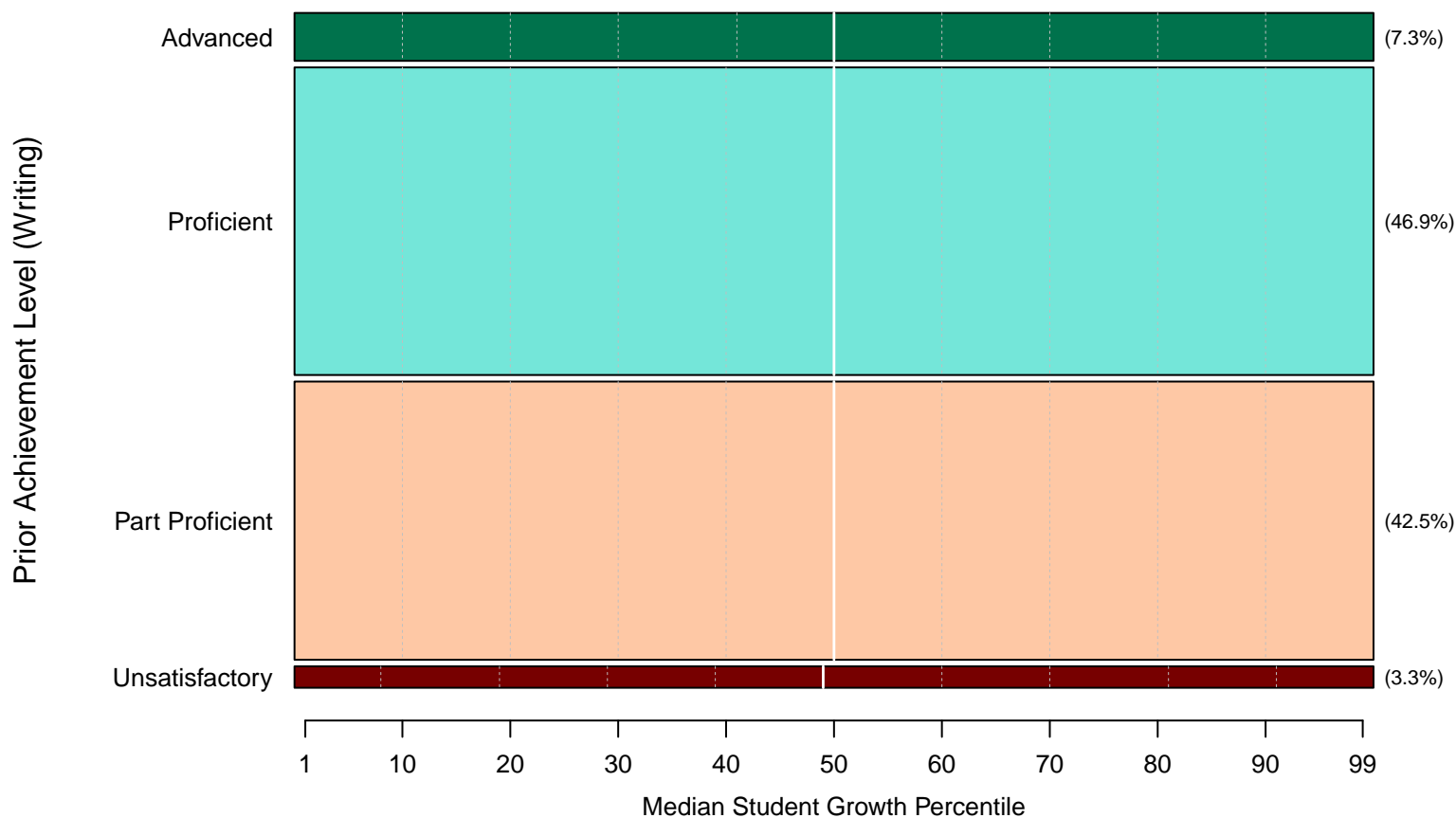# Student Growth Percentile Goodness–of–Fit Descriptives
2013 Writing SGP, Grade 10 (N = 53,398)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Writing)

- Advanced — (7.3%)
- Proficient — (46.9%)
- Part Proficient — (42.5%)
- Unsatisfactory — (3.3%)

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/[260,480)	10.27	10.44	9.81	9.70	9.30	10.19	9.13	10.10	10.29	10.80	(9.9%)
2nd/[480,511)	10.30	9.04	9.62	10.28	9.79	9.77	10.28	9.89	10.11	10.91	(9.9%)
3rd/[511,533)	9.30	9.36	10.18	10.60	10.35	10.20	9.68	10.31	9.84	10.18	(9.8%)
4th/[533,553)	9.42	10.44	9.97	10.24	9.75	9.75	10.22	9.28	10.20	10.74	(10.4%)
5th/[553,570)	10.53	10.99	10.08	9.43	10.22	9.77	9.39	9.72	9.49	10.39	(9.7%)
6th/[570,587)	9.32	10.04	9.53	10.33	9.22	10.71	9.78	9.72	10.22	11.14	(9.8%)
7th/[587,606)	9.46	9.46	9.97	10.17	10.60	9.50	10.36	9.72	10.18	10.58	(10.4%)
8th/[606,628)	9.45	9.42	10.36	10.29	10.22	10.23	10.07	10.46	9.49	10.01	(10.1%)
9th/[628,659)	9.97	10.34	9.93	9.97	10.15	9.72	9.63	9.57	10.17	10.55	(9.9%)
10th/[659,930]	9.67	10.35	9.63	9.78	10.13	9.96	10.26	9.95	9.98	10.28	(10.1%)

*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