Student Growth Percentile Goodness–of–Fit Descriptives
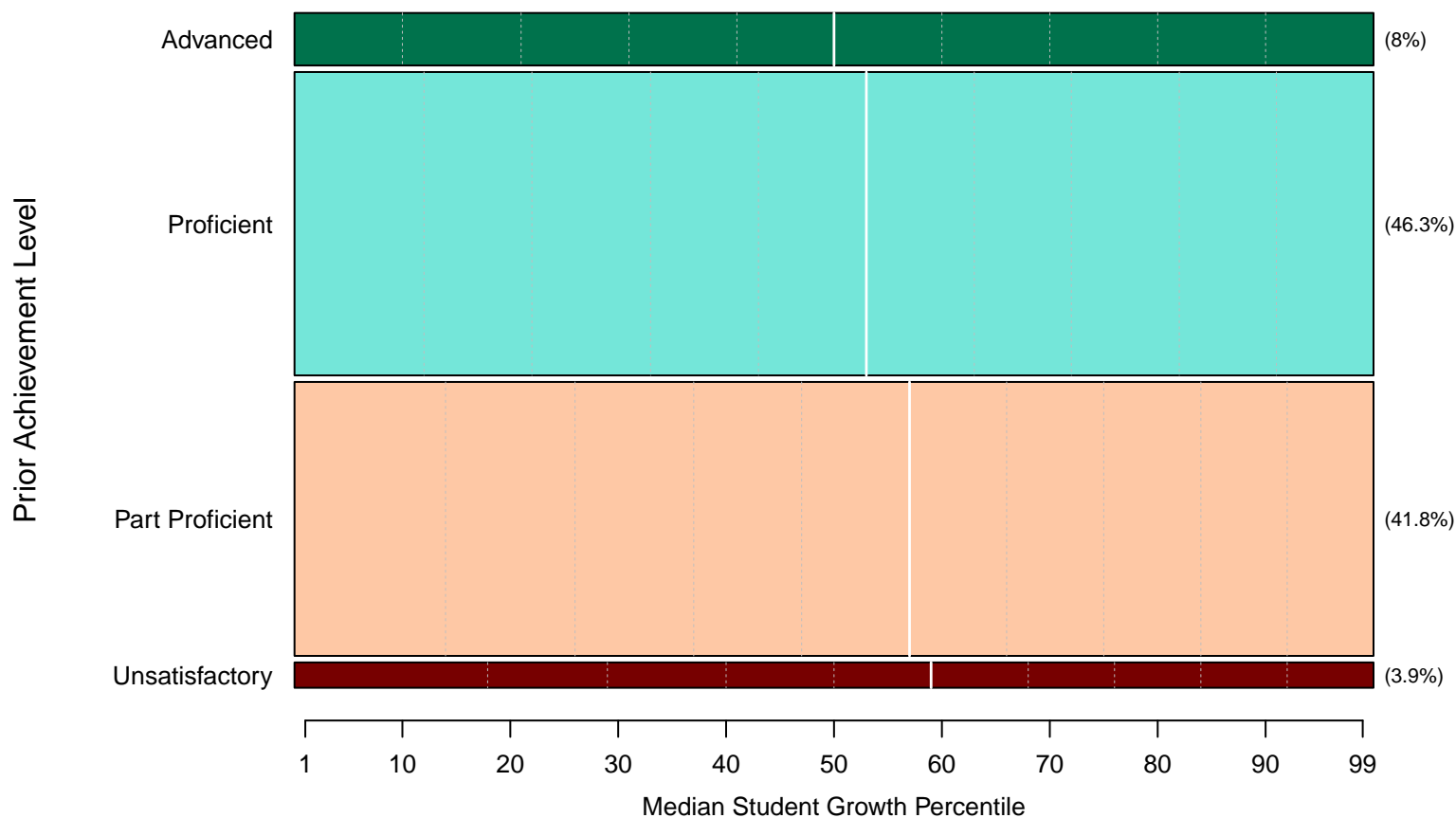## 2009 Writing SGP, Grade 10 (N = 50,963)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Advanced (8%)

Proficient (46.3%)

Part Proficient (41.8%)

Unsatisfactory (3.9%)

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/[260,475)	5.47	6.63	8.86	8.56	10.59	10.35	10.73	11.85	12.50	14.47	(10%)
2nd/[475,510)	5.77	7.29	8.14	9.07	9.66	10.08	11.66	11.88	12.27	14.19	(9.9%)
3rd/[510,533)	6.91	7.79	9.33	9.64	9.23	10.96	10.36	11.28	11.42	13.08	(9.8%)
4th/[533,552)	7.61	7.37	9.34	9.64	10.12	9.62	11.57	10.78	11.27	12.69	(9.8%)
5th/[552,570)	7.67	9.91	8.92	9.24	9.70	10.16	10.44	10.67	11.17	12.12	(10.3%)
6th/[570,587)	7.92	8.88	9.50	9.52	10.12	10.06	10.42	10.40	11.08	12.10	(9.8%)
7th/[587,606)	8.40	9.42	8.84	9.36	10.13	10.09	10.63	10.84	10.84	11.42	(10.2%)
8th/[606,629)	8.43	9.15	9.61	9.92	9.92	10.31	10.45	10.37	10.43	11.42	(10.1%)
9th/[629,662)	8.55	9.47	9.45	10.09	9.37	9.70	9.88	10.93	10.80	11.75	(10.1%)
10th/[662,930]	9.20	9.40	9.75	10.06	10.57	10.45	9.93	10.55	10.28	9.81	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution