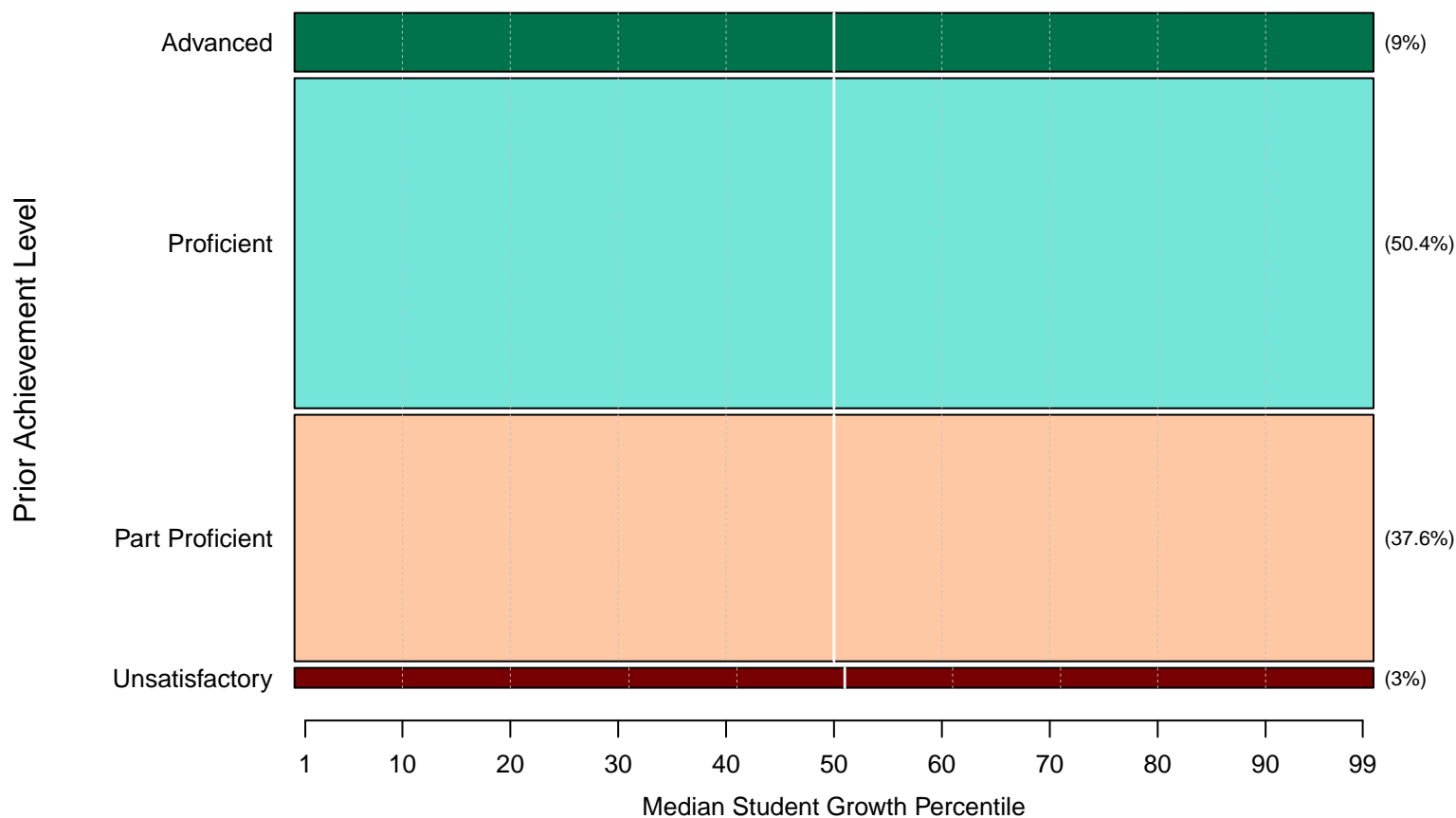# Student Growth Percentile Goodness–of–Fit Descriptives
2006 Writing SGP, Grade 10 (N = 48,624)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Advanced	(9%)
Proficient	(50.4%)
Part Proficient	(37.6%)
Unsatisfactory	(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/[260,485)	9.77	9.94	9.94	9.86	9.90	9.57	9.79	10.15	10.02	11.06	(9.9%)
2nd/[485,520)	9.66	10.23	9.81	9.93	9.85	9.74	10.34	10.17	10.23	10.03	(10.1%)
3rd/[520,543)	9.97	9.81	9.91	9.72	10.01	10.16	9.72	9.81	10.14	10.76	(9.9%)
4th/[543,561)	9.48	9.95	10.17	10.19	10.36	10.02	9.91	10.17	9.89	9.87	(9.6%)
5th/[561,579)	9.43	10.13	10.48	9.71	9.71	9.53	10.17	10.34	10.13	10.36	(10.4%)
6th/[579,595)	9.62	10.36	9.38	9.72	9.83	9.92	10.26	9.96	9.68	11.26	(9.6%)
7th/[595,613)	9.49	9.32	10.40	10.24	10.58	10.14	10.24	9.53	9.61	10.46	(10.1%)
8th/[613,635)	9.70	9.92	10.02	10.65	10.02	10.12	9.19	9.94	10.77	9.68	(10.2%)
9th/[635,667)	10.04	10.35	9.61	9.34	10.16	9.71	10.26	10.22	9.49	10.82	(10.1%)
10th/[667,930]	9.40	10.01	10.11	9.99	9.60	10.13	9.83	10.17	10.09	10.66	(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