Student Growth Percentile Goodness–of–Fit Descriptives
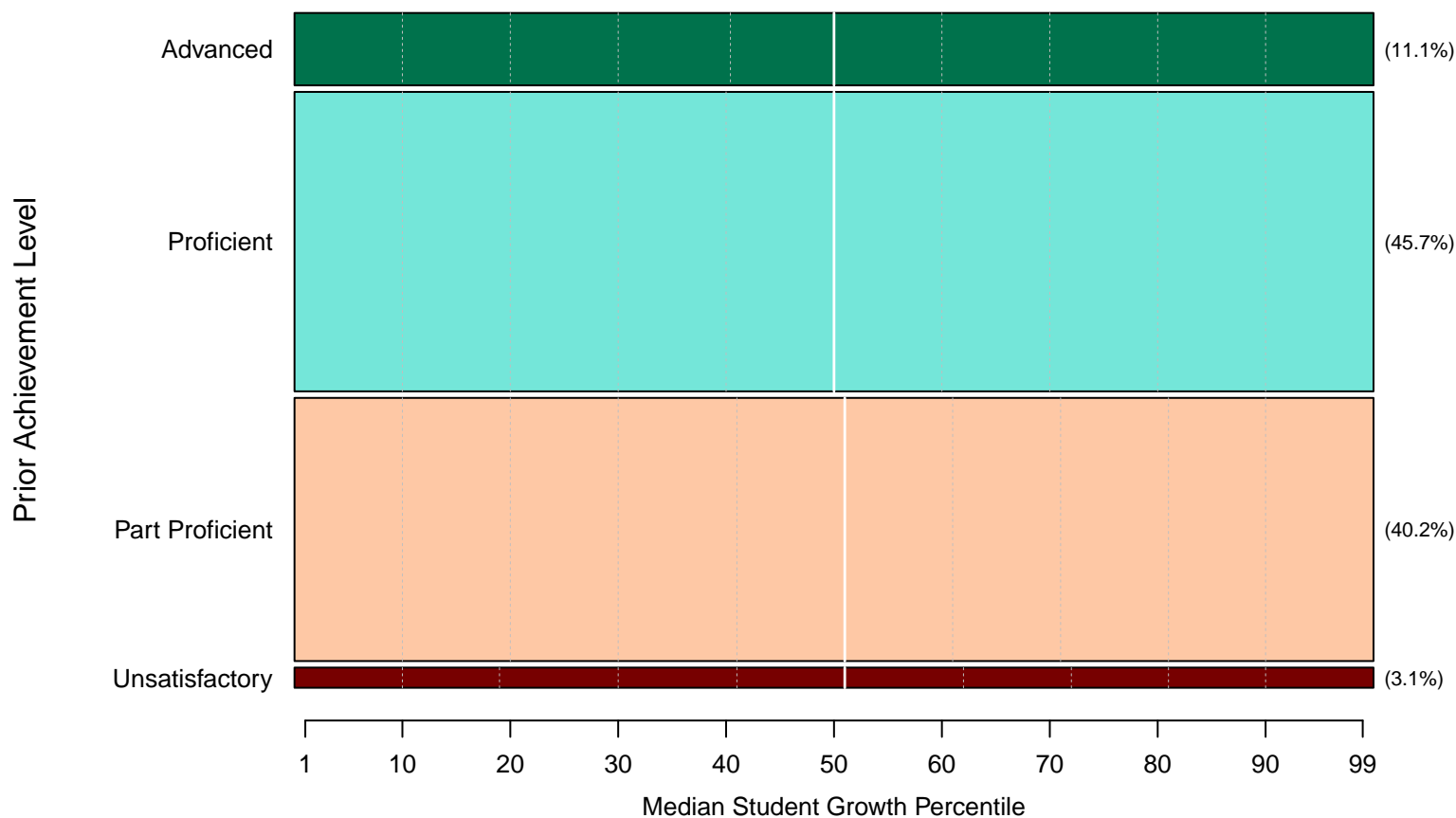
2011 Writing SGP, Grade 9 (N = 52,730)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Advanced	(11.1%)
Proficient	(45.7%)
Part Proficient	(40.2%)
Unsatisfactory	(3.1%)

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/[250,478)	9.48	9.25	9.69	9.50	9.98	10.17	10.05	10.34	10.89	10.64	(10%)
2nd/[478,510)	9.84	9.74	9.34	10.09	9.55	10.21	10.40	9.66	9.88	11.29	(9.8%)
3rd/[510,532)	8.99	10.44	9.84	9.18	9.61	10.54	9.33	10.06	10.33	11.68	(10.1%)
4th/[532,550)	9.80	9.25	10.30	9.82	10.39	9.40	10.03	10.36	10.51	10.15	(9.9%)
5th/[550,567)	9.65	10.40	9.13	9.37	9.67	9.97	10.70	9.82	10.29	11.02	(10.1%)
6th/[567,584)	9.28	9.46	10.16	10.26	10.01	10.64	9.65	10.68	9.78	10.07	(9.9%)
7th/[584,602)	9.57	9.87	9.76	9.61	10.43	9.68	10.05	9.87	10.27	10.88	(10%)
8th/[602,624)	9.82	10.06	10.10	9.85	9.25	10.19	9.89	10.27	10.34	10.23	(10.1%)
9th/[624,654)	9.61	9.80	9.59	10.59	10.18	10.27	10.48	9.44	10.04	10.01	(10%)
10th/[654,910]	9.18	9.98	10.35	9.58	9.98	9.85	10.05	10.29	10.07	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