Student Growth Percentile Goodness–of–Fit Descriptives
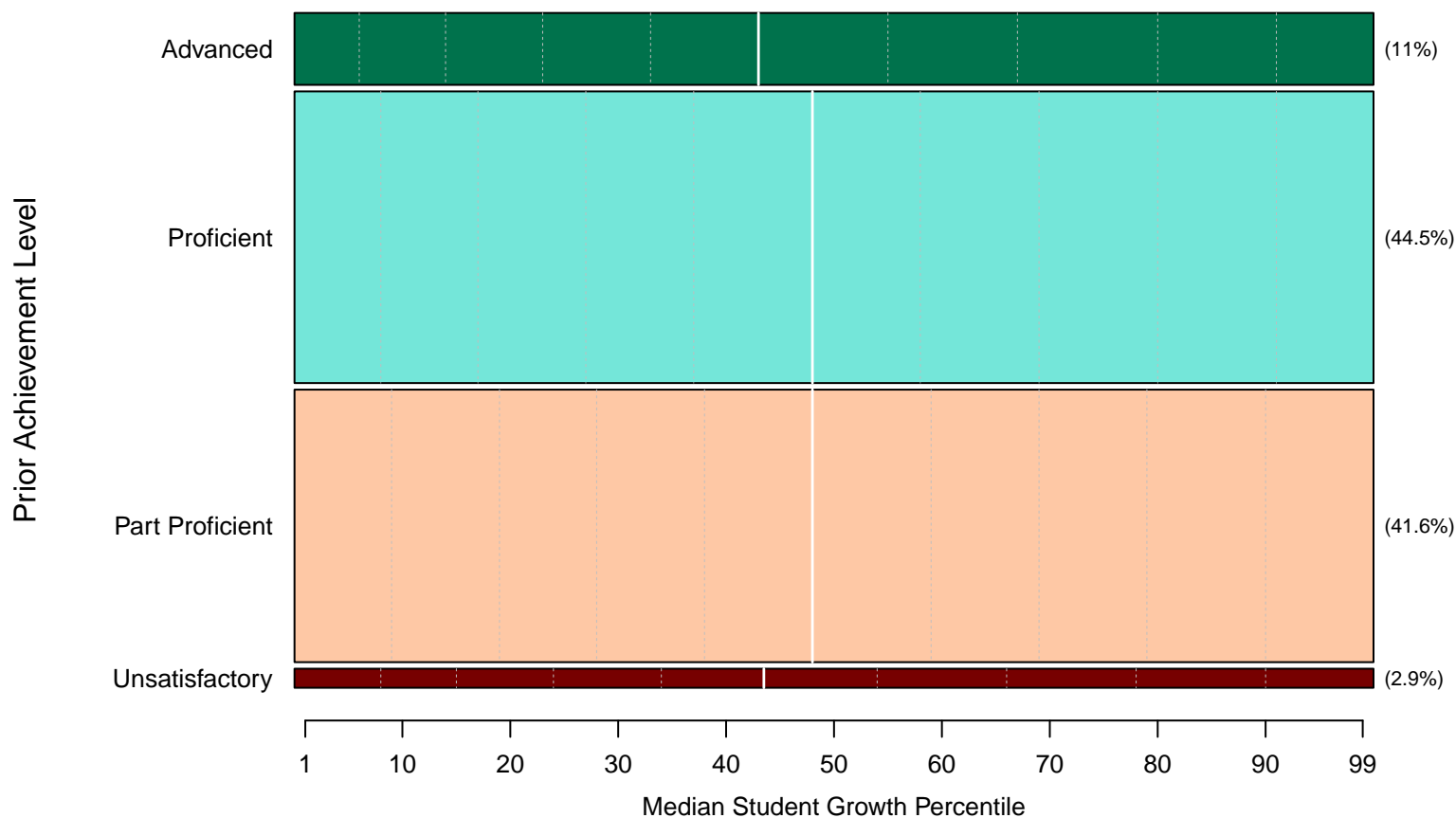## 2012 Writing SGP, Grade 9 (N = 53,474)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (y-axis): Advanced (11%), Proficient (44.5%), Part Proficient (41.6%), Unsatisfactory (2.9%)

Median Student Growth Percentile (x-axis): 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/[250,476)	11.01	10.40	9.80	10.12	9.85	10.13	8.43	9.99	9.61	10.66	(10%)
2nd/[476,508)	10.13	10.42	9.83	10.46	10.46	9.39	9.12	10.92	10.11	9.16	(9.8%)
3rd/[508,530)	10.24	10.42	10.66	10.66	10.24	9.29	10.09	9.38	9.33	9.70	(10.1%)
4th/[530,548)	10.80	11.41	10.59	9.40	9.94	9.59	9.74	8.69	8.83	11.00	(10%)
5th/[548,565)	11.96	10.83	9.66	9.15	9.06	9.19	9.19	10.03	9.38	11.56	(10%)
6th/[565,582)	11.49	9.98	9.19	9.64	9.98	9.60	8.66	10.15	9.68	11.64	(9.9%)
7th/[582,601)	12.02	10.21	10.71	9.83	9.30	10.14	8.13	9.48	9.32	10.85	(10.2%)
8th/[601,623)	11.11	10.59	10.75	10.04	9.94	9.52	8.94	8.85	8.29	11.97	(9.8%)
9th/[623,654)	11.41	11.56	10.59	9.92	9.92	9.15	9.51	8.85	8.18	10.91	(10%)
10th/[654,910]	14.94	11.79	9.86	10.39	8.78	7.70	8.52	7.52	8.92	11.59	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (x-axis): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution (y-axis): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100