Student Growth Percentile Goodness–of–Fit Descriptives
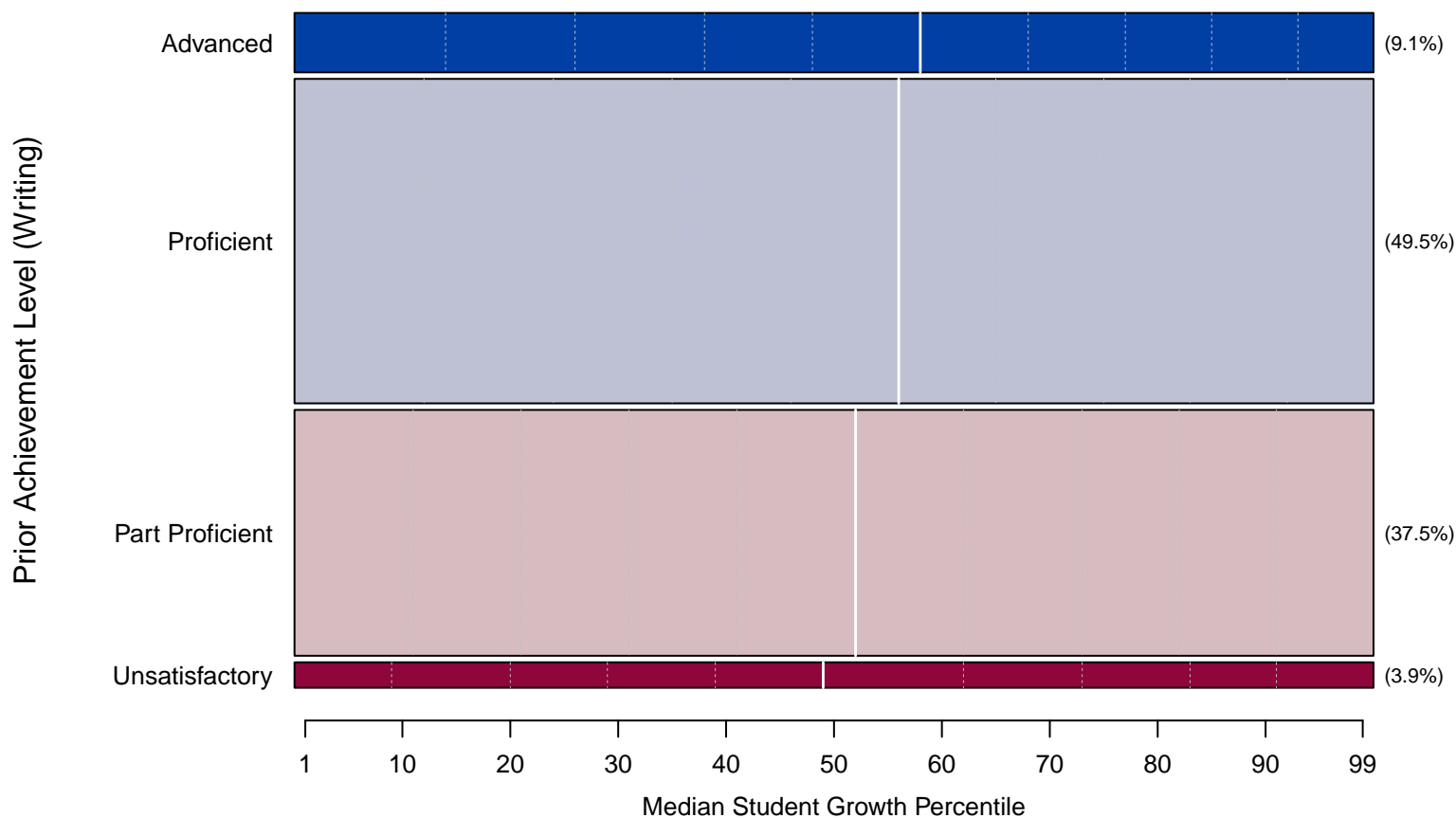## 2014 Writing SGP, Grade 7 (N = 59,274)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Writing)

Level	Percentage
Advanced	(9.1%)
Proficient	(49.5%)
Part Proficient	(37.5%)
Unsatisfactory	(3.9%)

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/[230,452)	9.44	9.68	10.29	9.88	9.80	8.67	9.28	10.15	10.66	12.15	(10%)
2nd/[452,478)	8.70	10.35	9.29	10.97	9.56	9.31	9.10	10.23	10.14	12.36	(9.6%)
3rd/[478,496)	9.09	8.83	9.77	9.82	9.64	10.03	9.85	10.78	9.84	12.35	(10.2%)
4th/[496,511)	9.25	9.13	9.58	9.48	9.68	10.45	9.63	10.15	10.73	11.90	(10.1%)
5th/[511,524)	8.97	8.74	9.16	8.78	8.76	10.38	10.50	10.10	11.60	13.00	(9.7%)
6th/[524,538)	8.23	8.58	8.80	9.00	10.26	10.31	10.59	10.74	11.39	12.09	(10.1%)
7th/[538,553)	7.75	8.75	8.35	9.46	9.89	10.07	10.39	11.38	11.53	12.41	(10.2%)
8th/[553,571)	7.09	8.81	8.19	8.88	9.73	10.29	11.40	11.28	11.11	13.21	(10%)
9th/[571,596)	6.39	8.27	9.13	9.98	9.32	10.70	10.18	10.39	11.91	13.72	(9.8%)
10th/[596,840]	6.58	7.98	7.78	8.71	10.16	10.19	10.30	11.50	12.29	14.51	(10.3%)

*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