Student Growth Percentile Goodness–of–Fit Descriptives
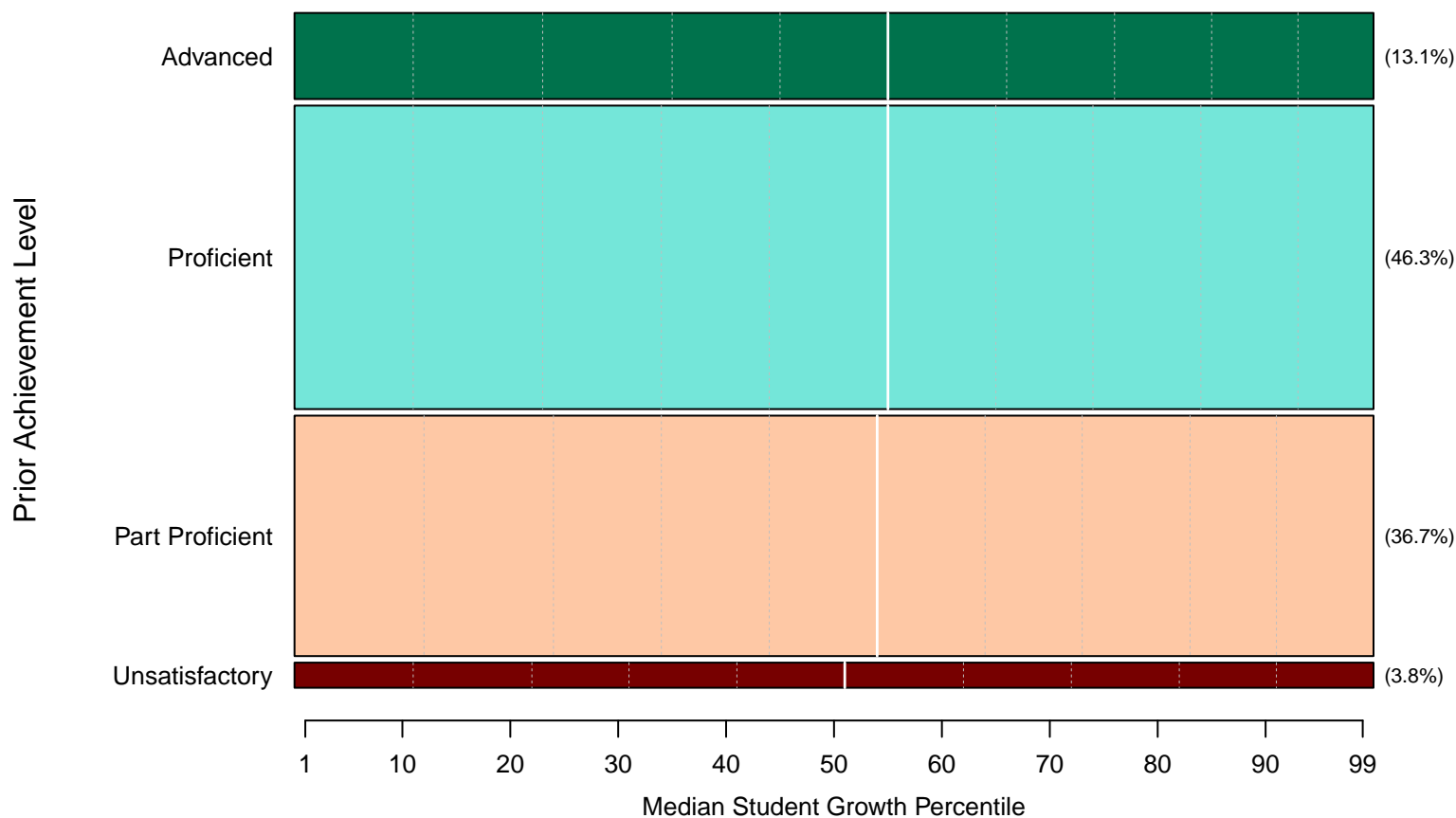## 2011 Writing SGP, Grade 8 (N = 54,462)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Advanced (13.1%)
- Proficient (46.3%)
- Part Proficient (36.7%)
- Unsatisfactory (3.8%)

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/[240,466)	7.19	9.09	10.09	10.56	10.06	10.34	10.09	10.78	10.07	11.73	(9.9%)
2nd/[466,498)	7.33	9.32	8.82	9.38	9.57	10.56	11.36	10.11	11.81	11.75	(9.8%)
3rd/[498,520)	7.42	8.33	8.99	10.08	9.67	10.15	10.85	10.55	11.98	11.98	(10.3%)
4th/[520,538)	8.32	9.06	9.78	9.37	9.61	9.31	10.05	10.42	11.74	12.35	(9.9%)
5th/[538,554)	8.50	8.58	8.77	10.06	10.18	9.80	10.25	11.17	11.38	11.32	(9.6%)
6th/[554,571)	9.06	8.55	9.40	9.34	9.19	9.50	9.89	10.78	10.92	13.37	(10.4%)
7th/[571,589)	8.31	8.33	9.10	9.23	9.49	9.84	10.36	10.19	11.21	13.93	(10%)
8th/[589,610)	8.33	8.72	8.24	10.02	9.21	10.46	9.51	10.37	11.91	13.22	(10%)
9th/[610,640)	9.10	8.32	8.90	9.03	9.53	9.16	10.31	9.75	11.41	14.49	(10%)
10th/[640,890]	8.33	8.21	8.15	9.97	9.66	9.92	9.15	10.34	11.23	15.03	(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