Student Growth Percentile Goodness–of–Fit Descriptives
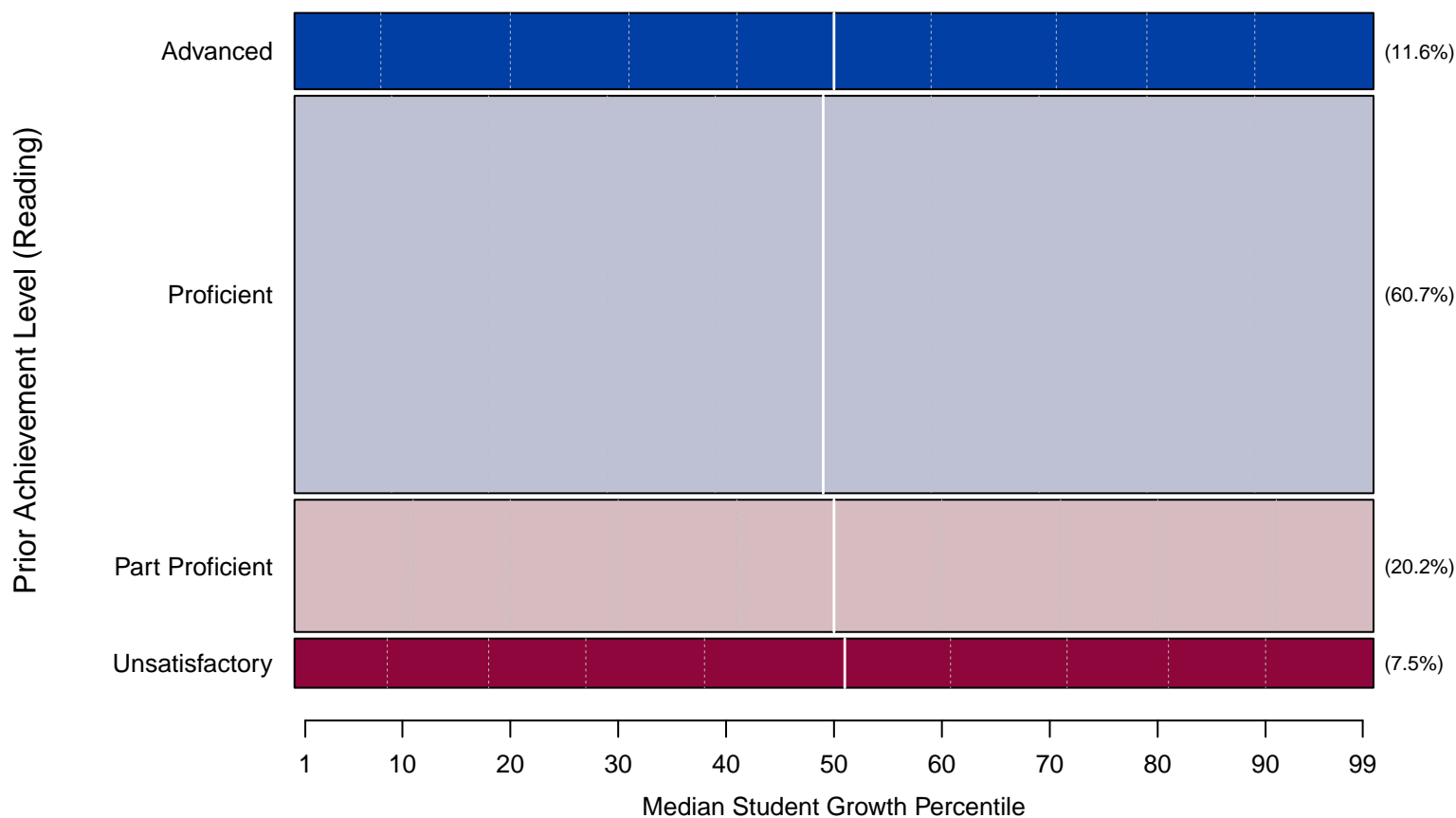## 2012–2013 Reading SGP, Grade 8 (N = 4,113)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (11.6%)
- Proficient (60.7%)
- Part Proficient (20.2%)
- Unsatisfactory (7.5%)

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/[300,578)	11.22	9.48	9.73	8.23	8.48	10.47	9.48	10.97	11.47	10.47	(9.7%)
2nd/[578,605)	9.81	10.05	10.77	10.53	11.24	8.61	8.61	9.09	9.33	11.96	(10.2%)
3rd/[605,624)	9.14	12.84	9.14	7.16	10.37	11.11	9.88	10.12	8.64	11.60	(9.8%)
4th/[624,638)	8.35	9.11	11.39	9.62	9.62	9.37	12.41	9.62	9.87	10.63	(9.6%)
5th/[638,651)	12.07	9.36	9.61	12.32	8.62	10.34	8.37	10.84	10.10	8.37	(9.9%)
6th/[651,665)	9.81	10.05	10.05	9.11	10.98	10.28	9.35	9.81	9.11	11.45	(10.4%)
7th/[665,680)	10.84	10.84	9.88	10.36	11.08	10.12	9.64	8.19	10.60	8.43	(10.1%)
8th/[680,698)	9.74	10.69	9.98	8.31	10.93	9.50	9.03	10.93	9.98	10.93	(10.2%)
9th/[698,720)	12.14	11.89	9.71	8.50	9.22	8.98	8.74	10.92	10.44	9.47	(10%)
10th/[720,863]	10.68	7.04	9.95	10.44	10.92	10.92	8.98	11.89	10.44	8.74	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution