Student Growth Percentile Goodness–of–Fit Descriptives
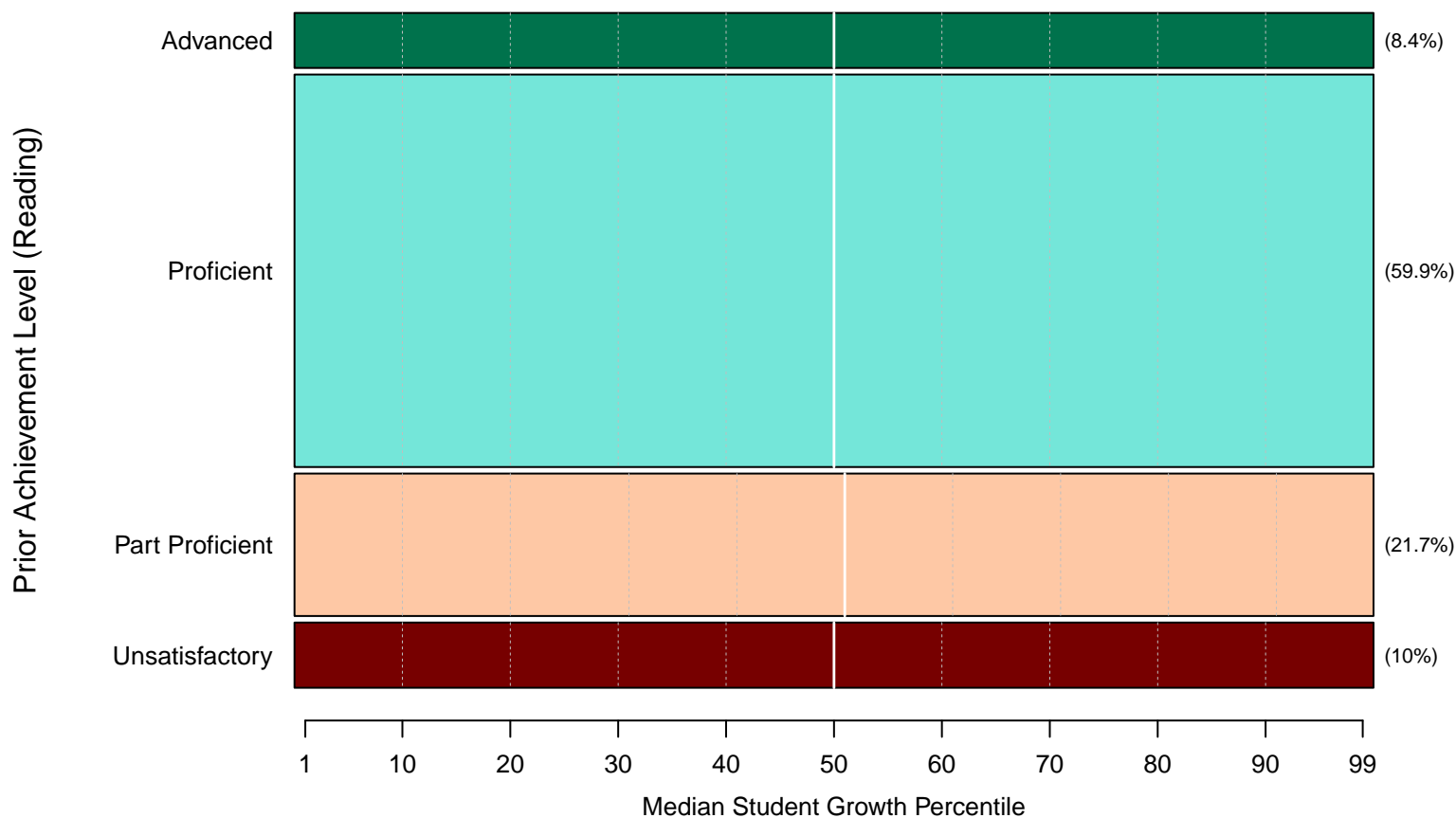## 2013 Reading SGP, Grade 9 (N = 55,064)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (8.4%)
- Proficient (59.9%)
- Part Proficient (21.7%)
- Unsatisfactory (10%)

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/[330,578)	9.67	9.78	10.05	9.71	10.42	9.85	9.62	9.95	10.04	10.91	(10%)
2nd/[578,609)	9.90	9.30	9.25	9.92	9.68	9.79	10.39	9.85	10.61	11.31	(10%)
3rd/[609,629)	9.61	9.48	10.38	9.70	9.28	10.31	10.18	9.96	9.88	11.22	(9.9%)
4th/[629,644)	8.88	10.76	10.14	10.03	9.80	9.78	9.48	10.20	10.16	10.76	(9.7%)
5th/[644,658)	9.71	9.68	9.64	10.02	10.22	10.02	9.93	9.96	9.91	10.92	(10.1%)
6th/[658,671)	10.01	9.62	9.86	9.83	10.16	9.95	9.75	10.14	9.99	10.69	(9.9%)
7th/[671,684)	10.14	10.14	9.94	10.12	9.05	10.29	10.16	9.31	10.25	10.62	(9.8%)
8th/[684,699)	9.12	10.13	9.97	9.88	9.83	9.92	10.10	10.88	9.57	10.61	(10%)
9th/[699,719)	10.18	9.85	10.49	10.26	10.15	10.08	9.65	9.08	10.04	10.22	(10.2%)
10th/[719,898)	9.37	9.79	9.98	10.23	9.79	9.76	10.14	10.28	9.91	10.74	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution