Student Growth Percentile Goodness–of–Fit Descriptives
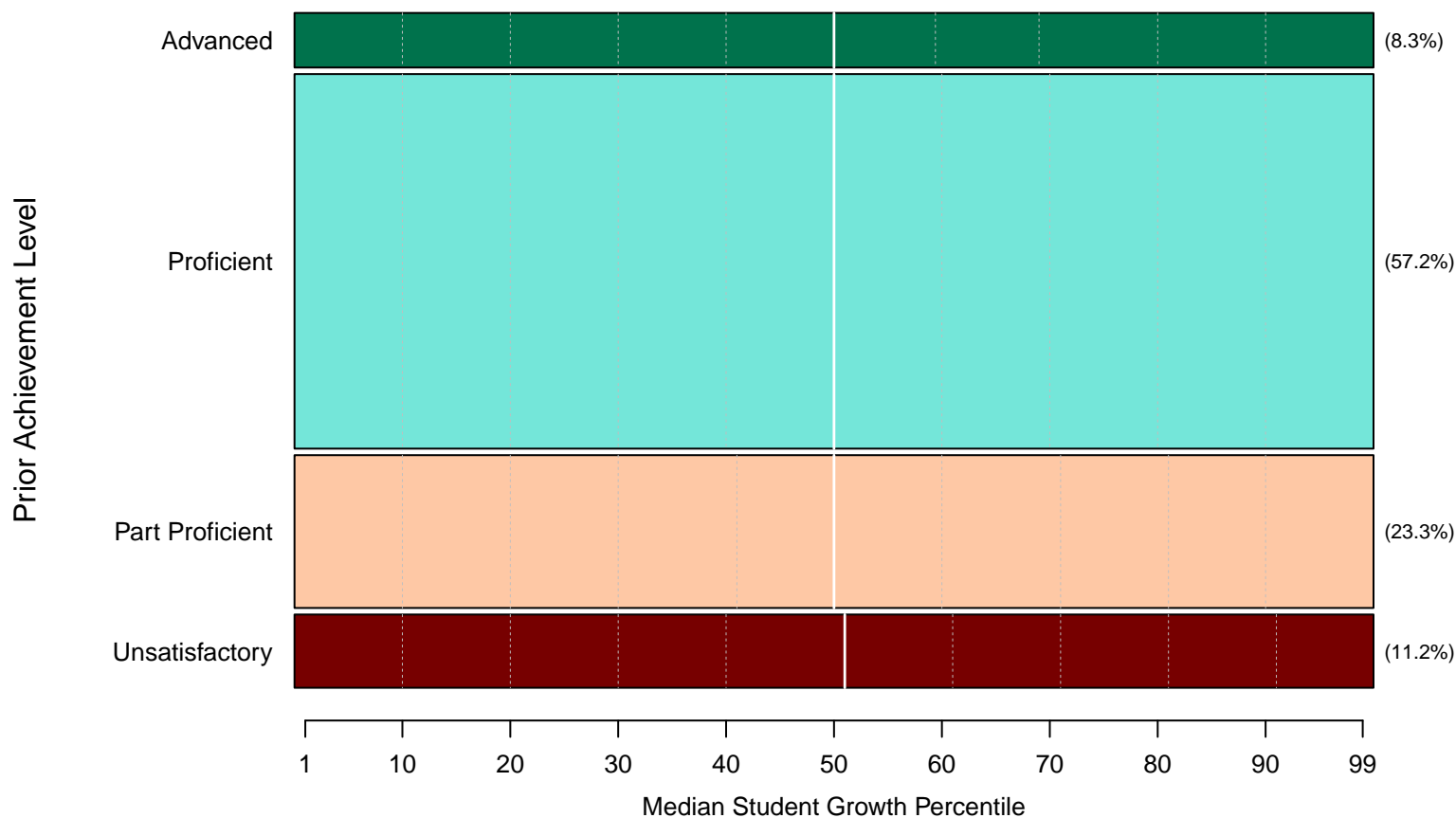## 2008 Reading SGP, Grade 9 (N = 52,294)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Advanced (8.3%)
- Proficient (57.2%)
- Part Proficient (23.3%)
- Unsatisfactory (11.2%)

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/[330,573)	9.56	10.19	9.75	10.00	9.62	9.19	10.12	9.92	10.46	11.19	(9.9%)
2nd/[573,604)	10.25	9.39	9.33	9.81	10.19	10.10	10.25	10.52	9.83	10.34	(10%)
3rd/[604,624)	8.74	10.12	10.29	9.53	10.35	10.21	9.46	9.53	10.74	11.03	(9.8%)
4th/[624,641)	9.47	10.26	9.47	10.35	9.62	9.88	10.13	9.53	10.28	11.01	(10.2%)
5th/[641,655)	10.65	10.17	9.69	9.69	9.67	10.37	9.45	10.94	9.01	10.39	(9.6%)
6th/[655,669)	9.51	9.76	9.71	9.94	9.74	9.88	10.29	10.09	9.98	11.10	(9.9%)
7th/[669,683)	9.98	9.71	10.06	10.25	10.33	9.32	10.21	9.50	10.23	10.41	(9.9%)
8th/[683,699)	8.84	10.60	10.13	9.78	10.28	10.50	9.67	9.82	9.91	10.45	(10.4%)
9th/[699,719)	9.69	9.77	10.28	10.00	9.18	9.94	9.66	10.54	10.28	10.66	(10.1%)
10th/[719,990]	9.94	9.94	9.67	10.22	10.14	10.07	10.31	9.75	9.79	10.18	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution