Student Growth Percentile Goodness–of–Fit Descriptives
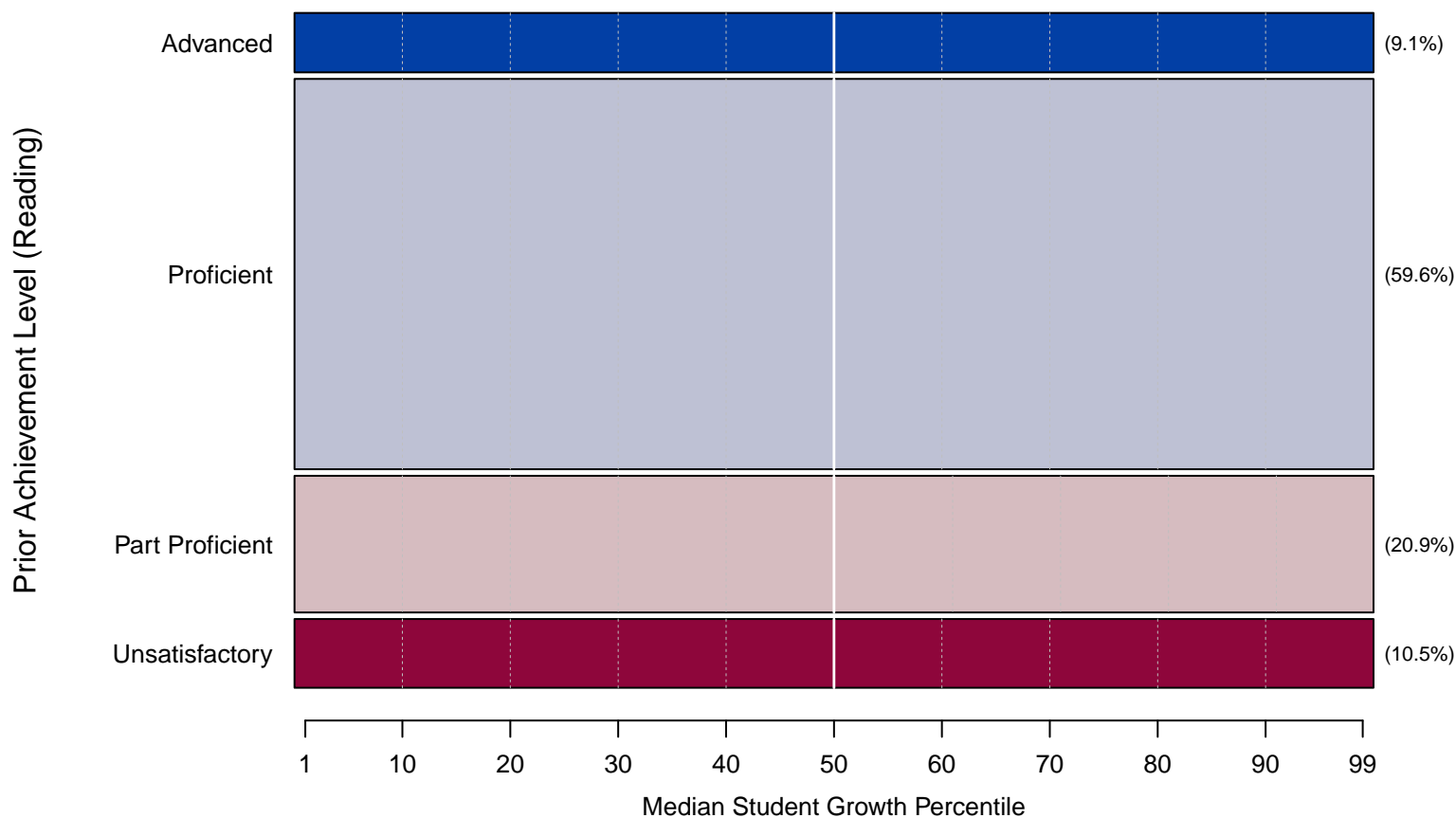## 2014 Reading SGP, Grade 8 (N = 58,448)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (9.1%)
- Proficient (59.6%)
- Part Proficient (20.9%)
- Unsatisfactory (10.5%)

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/[300,564)	9.93	9.67	9.61	9.94	10.24	9.82	10.08	10.22	10.40	10.08	(9.8%)
2nd/[564,597)	8.80	10.21	10.39	9.51	10.00	9.95	9.71	10.34	9.56	11.51	(10.1%)
3rd/[597,617)	9.56	9.92	10.34	10.11	9.95	9.46	9.46	9.92	9.88	11.41	(9.7%)
4th/[617,633)	9.62	9.93	10.05	10.34	9.69	9.82	10.41	9.81	10.62	9.72	(9.9%)
5th/[633,648)	9.89	9.91	9.98	9.30	10.26	10.02	9.81	10.06	9.99	10.79	(10.3%)
6th/[648,661)	9.44	9.44	10.48	10.17	10.01	10.03	10.24	9.95	10.24	9.99	(9.4%)
7th/[661,675)	9.24	10.56	9.07	9.87	9.82	9.77	10.16	9.72	9.90	11.90	(10.1%)
8th/[675,691)	9.70	9.67	9.92	10.30	9.99	10.03	9.47	10.47	10.36	10.09	(10.1%)
9th/[691,713)	10.16	9.51	10.38	9.96	9.76	10.01	9.81	10.21	10.38	9.81	(10.3%)
10th/[713,889]	9.36	10.20	9.80	10.32	9.75	9.86	10.02	9.91	9.88	10.91	(10.2%)

*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