Student Growth Percentile Goodness–of–Fit Descriptives
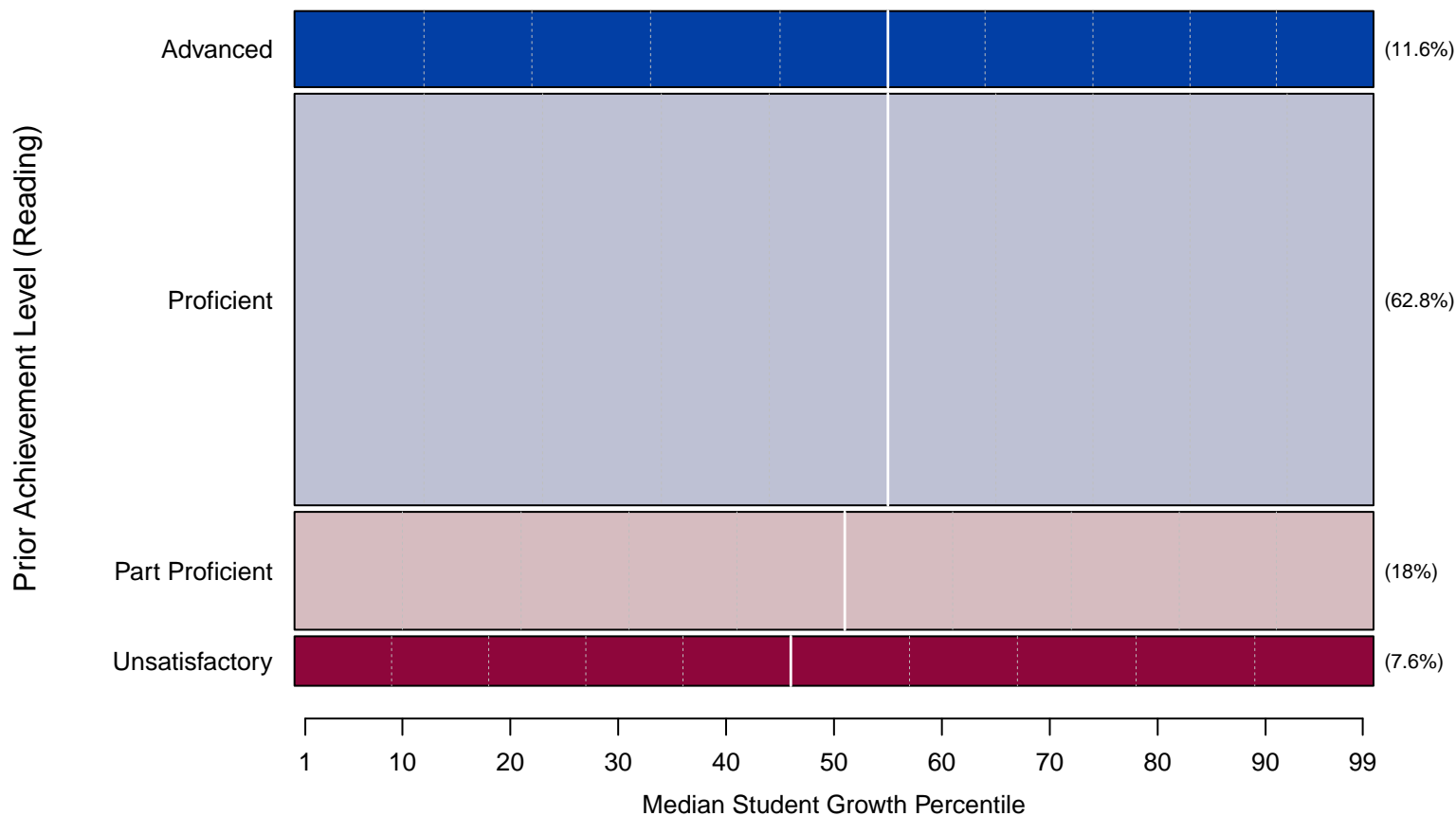## 2014 Reading SGP, Grade 7 (N = 58,805)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (11.6%)
- Proficient (62.8%)
- Part Proficient (18%)
- Unsatisfactory (7.6%)

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/[260,555)	10.47	11.32	10.51	10.49	10.02	9.23	9.61	9.35	8.88	10.13	(9.8%)
2nd/[555,588)	10.16	9.67	9.34	10.16	9.66	9.82	9.79	9.56	10.54	11.30	(10.2%)
3rd/[588,608)	8.85	8.28	10.29	9.82	9.09	10.67	9.51	10.41	11.19	11.90	(9.8%)
4th/[608,624)	8.18	9.20	9.51	9.49	9.15	10.52	10.15	11.43	10.59	11.78	(9.8%)
5th/[624,638)	8.06	9.16	9.29	9.38	9.39	9.95	10.15	10.51	11.67	12.43	(10.1%)
6th/[638,651)	7.77	8.83	9.41	8.56	10.04	10.10	10.39	10.69	11.00	13.20	(10%)
7th/[651,664)	7.65	9.00	8.85	8.64	9.14	9.30	10.57	10.69	12.92	13.25	(9.8%)
8th/[664,679)	7.65	8.88	9.28	9.25	9.83	9.82	10.35	10.47	12.08	12.40	(10.2%)
9th/[679,699)	7.25	9.43	9.57	9.46	9.03	10.30	9.73	10.84	11.21	13.17	(10.1%)
10th/[699,904]	8.18	9.14	8.76	9.00	9.30	10.92	10.48	10.72	11.12	12.38	(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