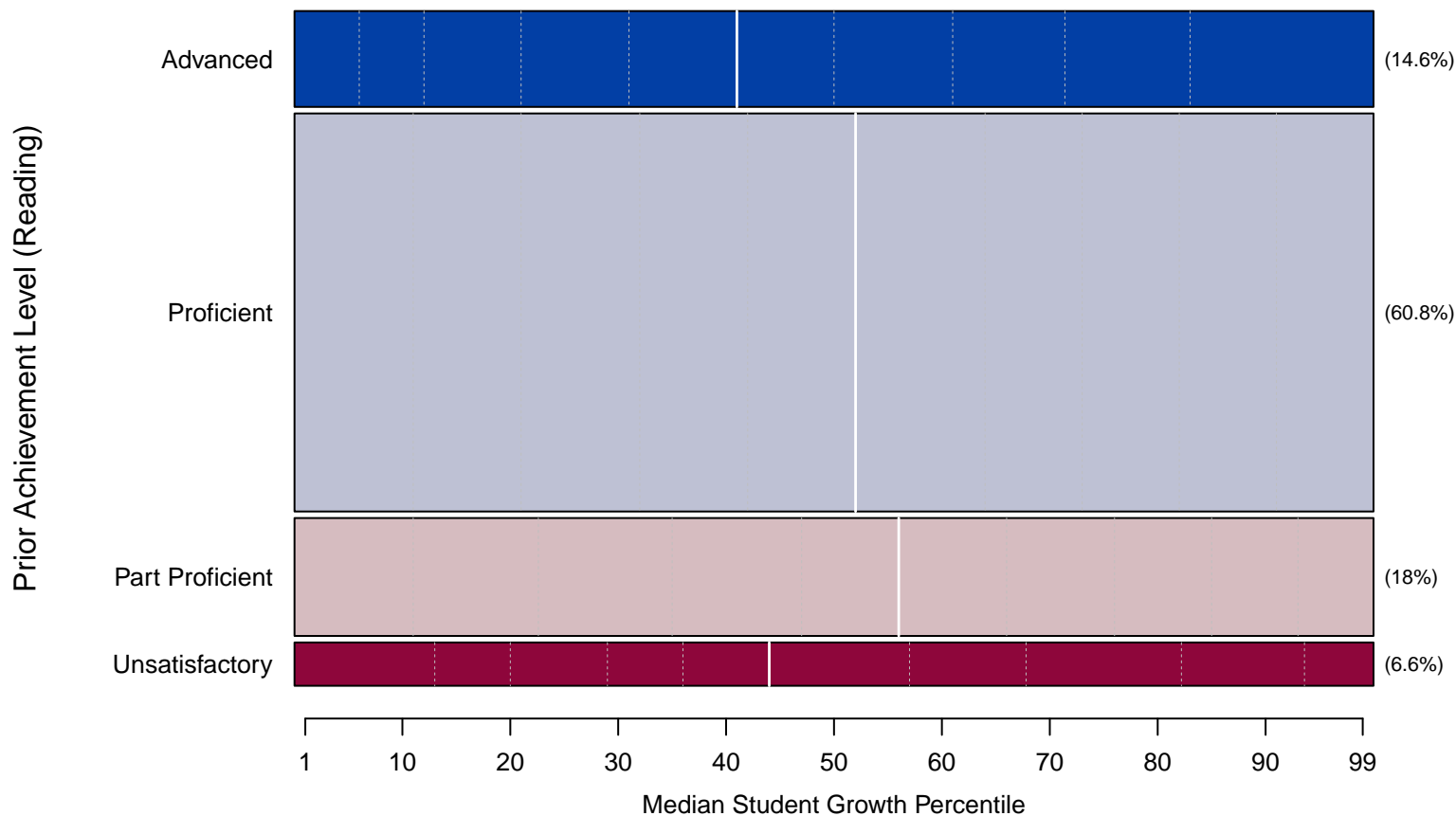# Student Growth Percentile Goodness–of–Fit Descriptives
2012–2013 Reading SGP SIMEX, Grade 7 (N = 4,162)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (14.6%)
- Proficient (60.8%)
- Part Proficient (18%)
- Unsatisfactory (6.6%)

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/[260,561)	7.73	11.59	9.18	10.63	10.14	10.14	9.18	8.70	7.73	14.98	(9.9%)
2nd/[561,591)	9.11	8.63	9.11	6.71	9.59	12.23	9.83	12.23	9.59	12.95	(10%)
3rd/[591,611)	7.93	7.21	9.86	9.62	6.73	8.17	9.62	11.30	14.18	15.38	(10%)
4th/[611,627)	9.43	8.93	8.44	10.67	9.18	10.67	9.43	11.41	10.42	11.41	(9.7%)
5th/[627,641)	9.71	9.95	8.01	8.98	10.44	9.95	9.22	9.47	10.68	13.59	(9.9%)
6th/[641,655)	9.30	9.53	9.77	8.60	9.07	8.84	10.93	10.47	10.47	13.02	(10.3%)
7th/[655,669)	9.75	10.75	10.25	8.50	9.00	6.00	12.00	12.50	8.75	12.50	(9.6%)
8th/[669,685)	8.39	7.46	9.79	8.62	8.86	11.89	11.19	10.96	11.66	11.19	(10.3%)
9th/[685,708)	10.50	10.26	11.93	11.69	9.31	11.22	8.35	10.74	8.35	7.64	(10.1%)
10th/[708,837]	18.25	11.61	10.90	11.61	8.06	10.66	10.43	6.64	6.40	5.45	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution