Student Growth Percentile Goodness–of–Fit Descriptives
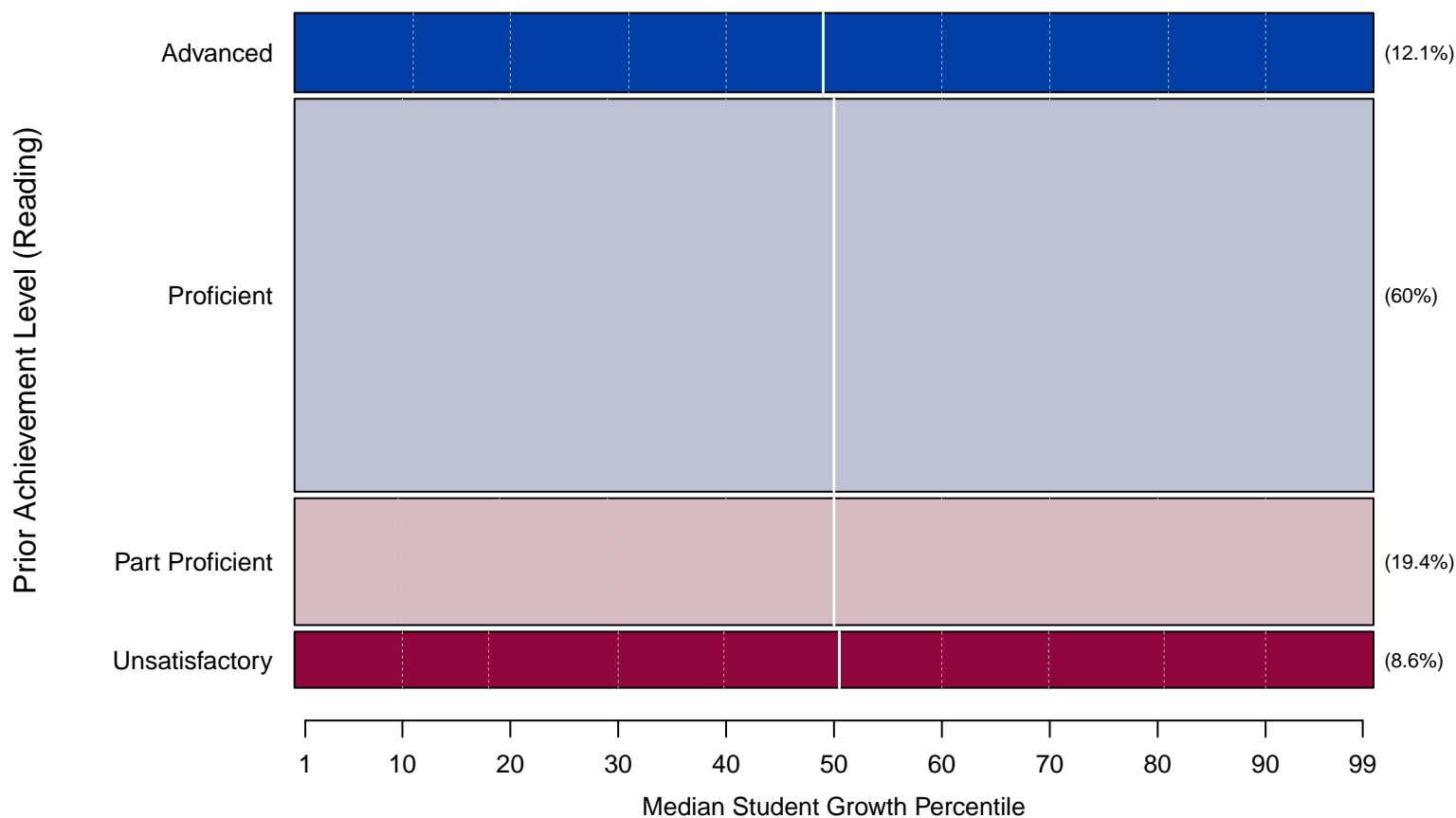## 2011–2012 Reading SGP, Grade 8 (N = 4,064)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Advanced	(12.1%)
Proficient	(60%)
Part Proficient	(19.4%)
Unsatisfactory	(8.6%)

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/[300,574)	9.75	11.00	9.25	10.25	8.75	10.00	10.75	8.75	10.75	10.75	(9.8%)
2nd/[574,604)	9.69	10.90	8.23	10.17	10.17	8.96	10.65	10.17	10.41	10.65	(10.2%)
3rd/[604,624)	10.75	9.50	10.75	9.00	8.25	12.25	8.75	10.00	8.75	12.00	(9.8%)
4th/[624,639)	9.11	10.38	10.63	10.63	9.87	11.14	8.10	10.13	11.39	8.61	(9.7%)
5th/[639,654)	10.26	11.69	9.79	7.40	10.98	8.83	11.46	9.79	10.50	9.31	(10.3%)
6th/[654,669)	8.33	11.76	11.27	10.05	10.54	10.54	6.86	10.78	9.07	10.78	(10%)
7th/[669,684)	10.49	7.67	7.93	11.51	8.44	9.21	12.79	10.49	10.23	11.25	(9.6%)
8th/[684,699)	9.22	9.95	10.19	8.98	9.95	9.95	11.65	8.01	11.65	10.44	(10.1%)
9th/[699,721)	10.50	10.02	10.98	10.26	8.35	11.93	7.88	10.74	8.35	10.98	(10.3%)
10th/[721,897]	9.34	11.06	9.09	10.07	11.55	7.62	10.57	9.34	10.07	11.30	(10%)

*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