Student Growth Percentile Goodness–of–Fit Descriptives
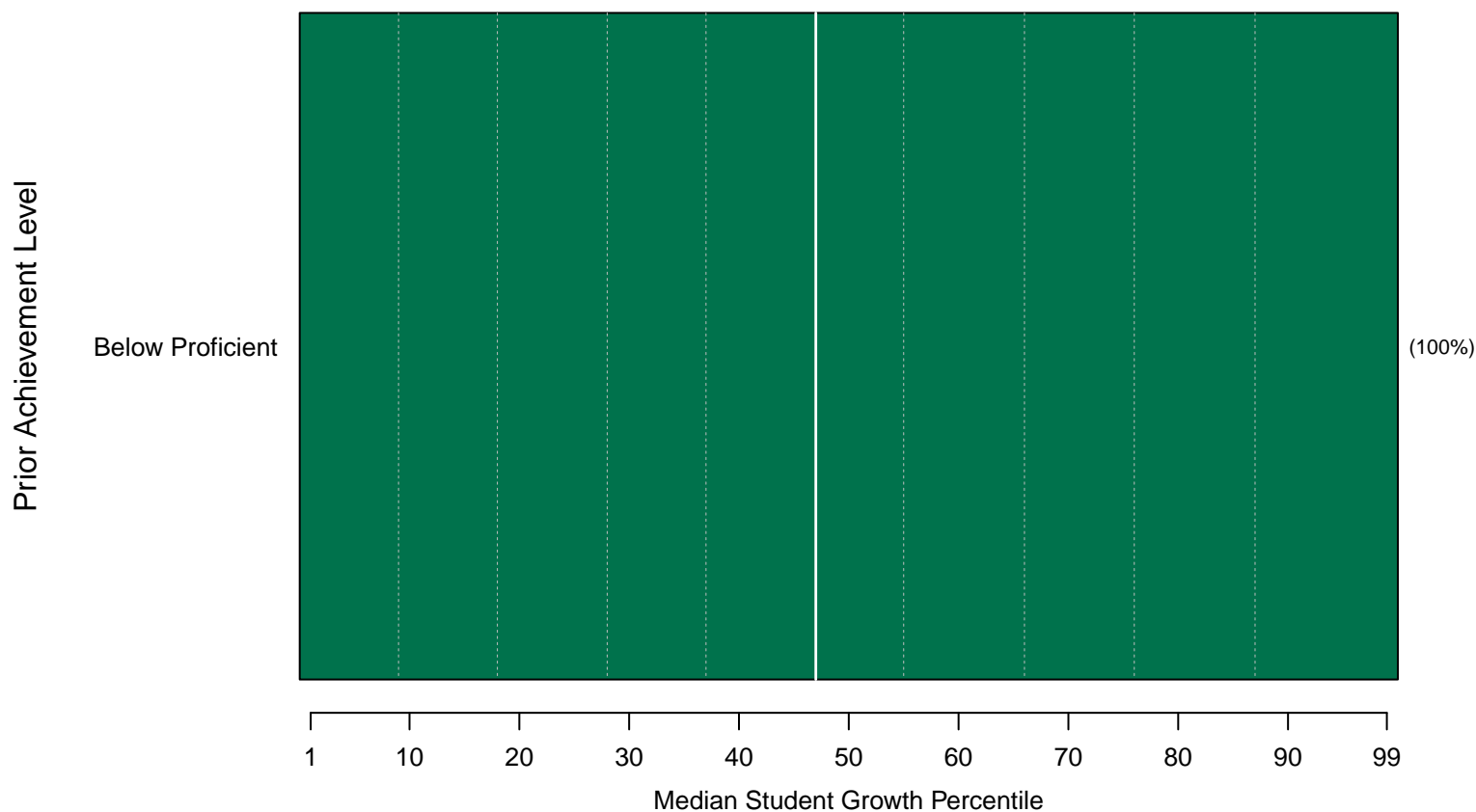## 2009–2010 Reading SGP, Grade 4 (N = 13,713)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Below Proficient — (100%)

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/[300,333)	8.57	9.82	9.82	10.33	10.40	10.33	10.11	10.84	10.11	9.67	(10%)
2nd/[333,339)	9.26	8.65	7.35	11.03	10.87	11.41	9.95	10.11	10.11	11.26	(9.5%)
3rd/[339,343)	11.06	10.83	8.64	8.49	11.76	11.29	10.05	11.06	8.57	8.26	(9.4%)
4th/[343,346)	10.66	9.38	11.66	12.44	5.47	10.80	11.80	8.46	11.87	7.46	(10.3%)
5th/[346,349)	10.05	12.97	13.06	6.21	6.67	15.62	7.03	10.68	8.31	9.41	(8%)
6th/[349,351)	11.54	12.82	10.18	11.30	13.06	9.05	10.66	6.41	9.13	5.85	(9.1%)
7th/[351,354)	10.44	6.81	12.74	12.96	14.07	9.48	9.85	8.59	9.11	5.93	(9.8%)
8th/[354,358)	9.86	14.65	11.17	10.05	9.79	10.25	9.40	7.62	8.48	8.74	(11.1%)
9th/[358,363)	11.48	10.72	11.89	10.93	11.96	11.13	9.27	8.02	8.30	6.29	(10.5%)
10th/[363,380]	9.29	9.94	11.42	10.59	13.79	9.35	10.59	9.70	8.11	7.22	(12.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution