Student Growth Percentile Goodness–of–Fit Descriptives
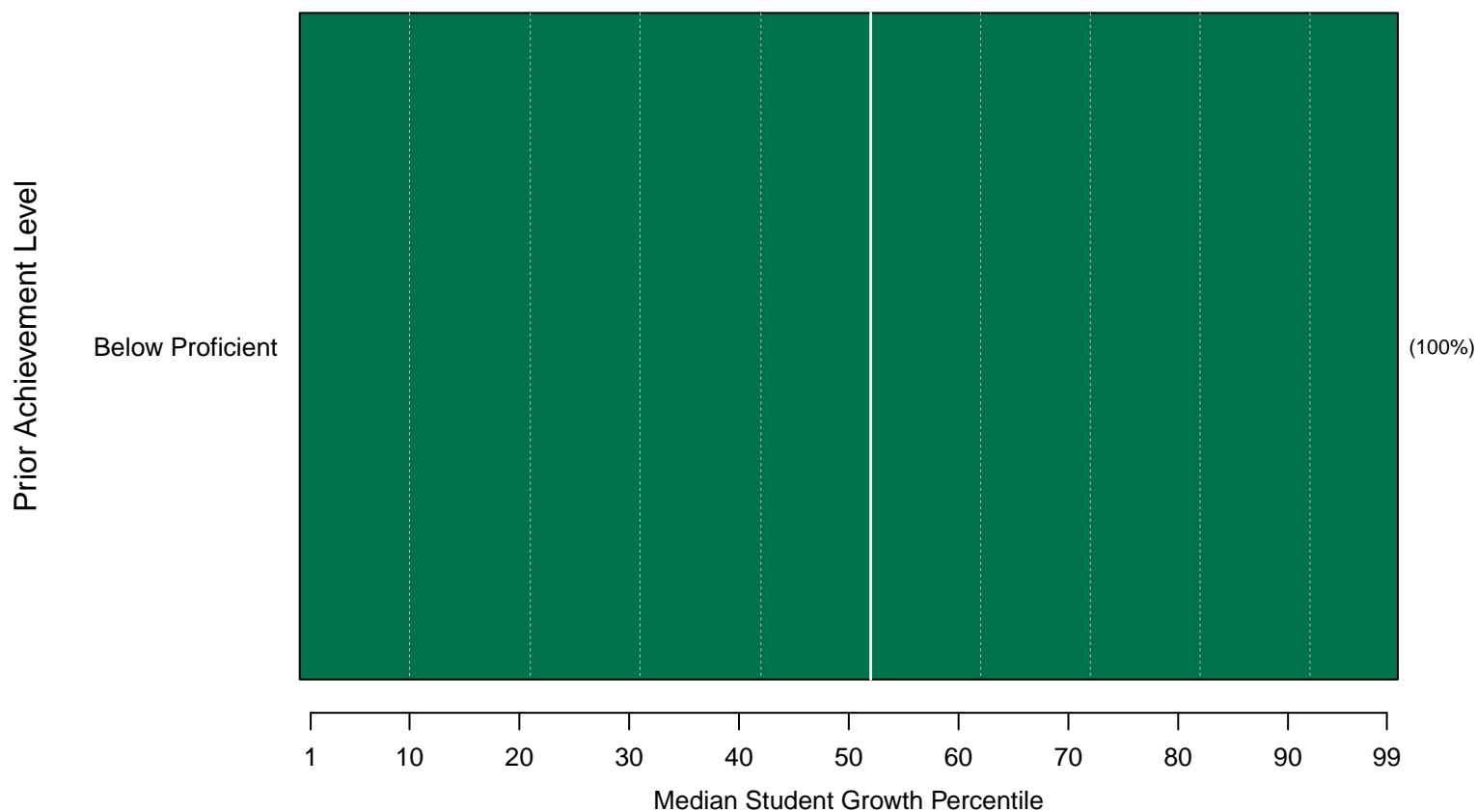## 2010–2011 Reading SGP, Grade 4 (N = 13,417)

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/[300,335)	7.22	11.06	12.98	8.06	8.99	8.99	9.98	10.37	10.98	11.37	(9.7%)
2nd/[335,340)	9.08	10.51	6.14	9.25	13.12	8.41	11.52	10.09	10.60	11.27	(8.9%)
3rd/[340,344)	10.25	8.56	13.08	7.99	9.97	11.46	8.35	11.95	8.35	10.04	(10.5%)
4th/[344,347)	9.52	11.33	10.19	12.67	7.81	8.86	8.95	6.67	14.76	9.24	(7.8%)
5th/[347,349)	10.58	8.04	15.75	3.47	11.69	12.36	8.38	10.25	7.71	11.77	(8.8%)
6th/[349,352)	10.13	9.01	7.89	10.06	11.66	7.33	12.92	8.24	10.82	11.94	(10.7%)
7th/[352,355)	10.92	7.74	10.66	7.48	7.35	15.22	9.60	8.41	11.52	11.12	(11.3%)
8th/[355,359)	8.47	11.25	7.33	3.86	19.66	9.73	0.00	13.91	12.39	13.40	(11.8%)
9th/[359,364)	9.83	6.92	9.69	12.45	5.32	12.09	12.16	9.47	9.25	12.82	(10.2%)
10th/[364,380]	7.74	9.11	7.45	10.99	10.63	8.10	10.77	8.89	13.81	12.51	(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