Student Growth Percentile Goodness–of–Fit Descriptives
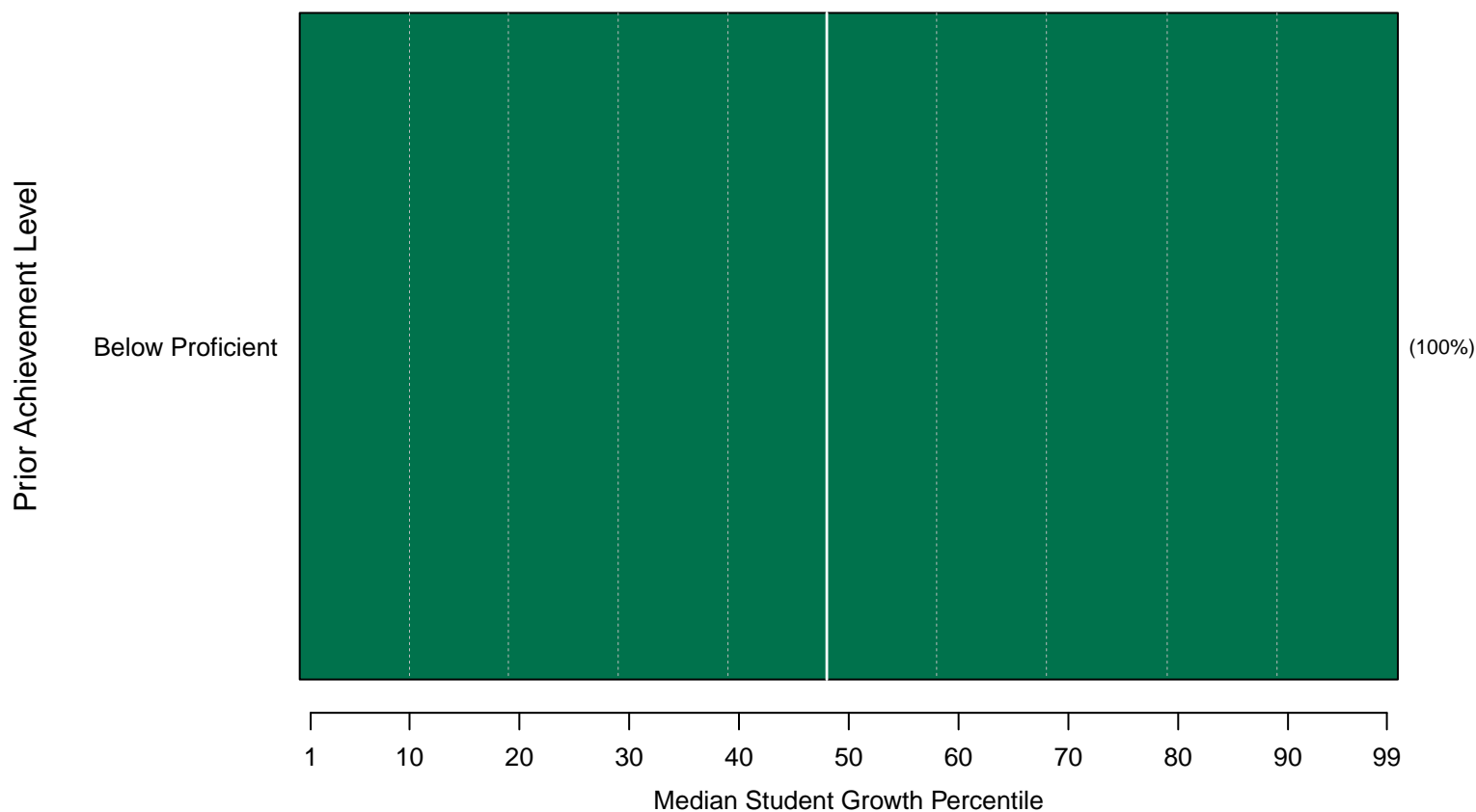## 2010–2011 Mathematics SGP, Grade 5 (N = 13,782)

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/[400,433)	9.33	9.70	10.29	9.48	10.51	9.70	10.21	10.87	9.70	10.21	(9.9%)
2nd/[433,438)	9.98	10.06	10.45	11.33	11.25	9.42	9.34	9.82	9.50	8.86	(9.1%)
3rd/[438,441)	9.74	9.41	10.88	11.37	10.07	9.98	9.66	10.07	8.76	10.07	(8.9%)
4th/[441,445)	10.08	10.40	9.96	10.08	9.96	9.14	10.08	10.08	9.07	11.15	(11.5%)
5th/[445,448)	9.81	9.68	11.13	9.88	9.95	11.61	9.26	9.88	9.54	9.26	(10.5%)
6th/[448,450)	9.24	12.89	10.55	10.74	9.71	10.64	10.83	9.62	7.94	7.84	(7.8%)
7th/[450,453)	9.74	11.23	9.51	8.97	10.46	12.06	9.74	9.80	9.27	9.21	(12.2%)
8th/[453,456)	9.02	10.49	10.39	9.61	9.22	10.00	9.31	9.41	10.39	12.16	(7.4%)
9th/[456,460)	10.04	11.18	11.11	10.75	10.19	10.83	8.33	9.90	7.83	9.83	(10.2%)
10th/[460,480]	9.69	11.13	10.27	9.57	9.86	9.80	9.75	9.23	10.38	10.32	(12.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution