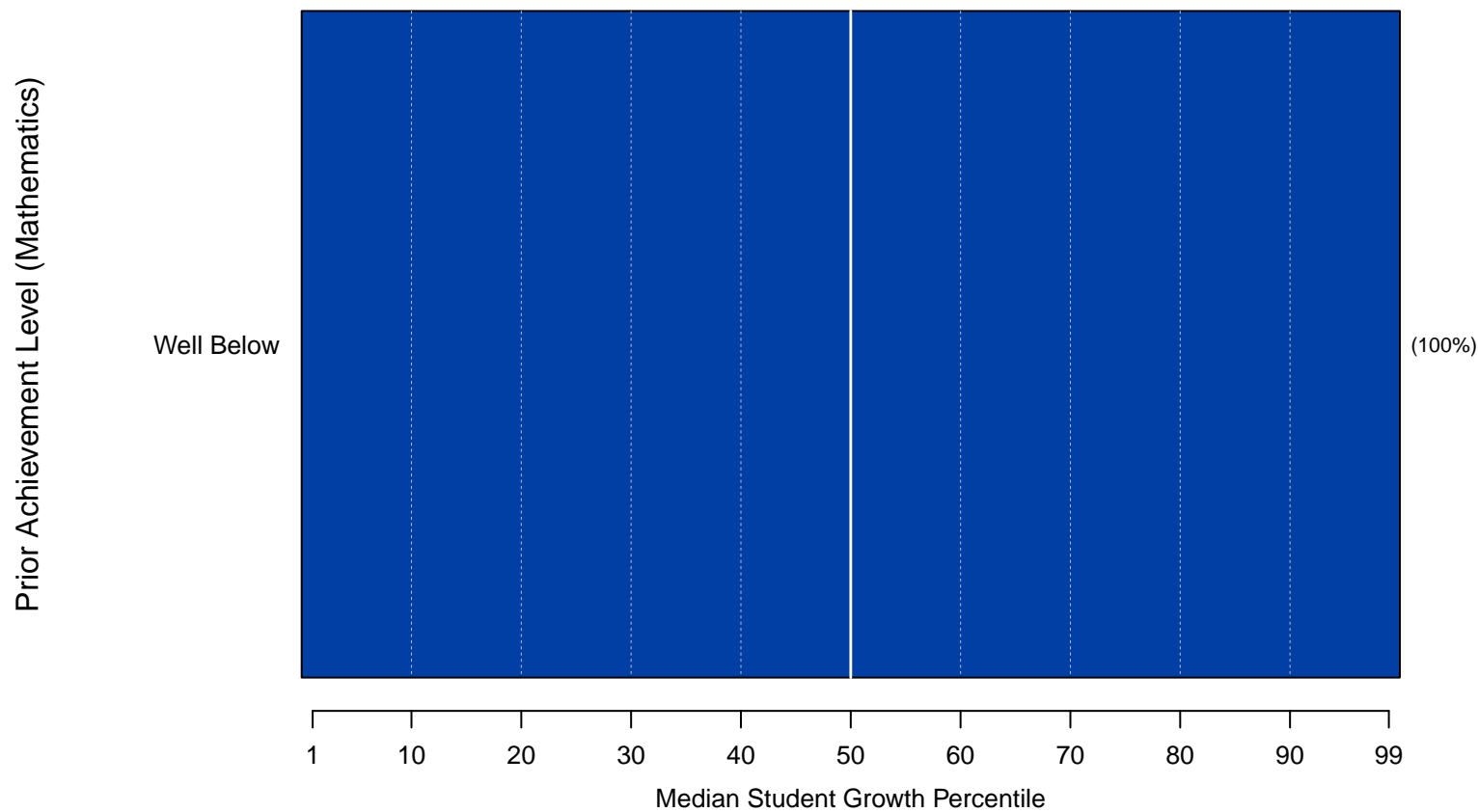


# Student Growth Percentile Goodness-of-Fit Descriptives

2015 Mathematics SGP, Grade 4 (N = 13,538)

## SGP Deciles by Prior Achievement Level



	Student Growth Percentile 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	[2.19e+03,2.33e+03]	9.35	10.20	10.12	10.74	10.20	9.81	8.96	9.81	10.28	10.51 (9.6%)
2nd	[2.33e+03,2.37e+03]	9.72	9.43	10.09	9.50	9.50	10.60	11.48	9.80	9.72	10.16 (10.1%)
3rd	[2.37e+03,2.4e+03]	9.57	11.52	8.68	9.87	10.62	9.72	9.05	10.55	9.95	10.47 (9.9%)
4th	[2.4e+03,2.42e+03]	9.63	8.69	10.92	9.70	10.13	9.70	10.34	9.77	10.34	10.78 (10.3%)
5th	[2.42e+03,2.44e+03]	9.60	10.18	10.55	10.26	9.38	10.04	10.92	10.18	8.86	10.04 (10.1%)
6th	[2.44e+03,2.45e+03]	9.13	9.53	9.77	9.69	10.33	10.81	8.97	9.69	10.89	11.21 (9.2%)
7th	[2.45e+03,2.48e+03]	10.20	10.92	9.34	9.77	9.99	9.41	9.77	10.42	10.34	9.84 (10.3%)
8th	[2.48e+03,2.5e+03]	9.69	9.69	10.33	10.33	10.05	9.69	10.83	9.05	9.69	10.62 (10.4%)
9th	[2.5e+03,2.53e+03]	8.75	9.89	9.74	10.43	10.05	10.20	9.36	10.50	9.82	11.26 (9.7%)
10th	[2.53e+03,2.62e+03]	9.69	10.04	10.32	9.69	9.97	9.97	10.11	10.53	10.32	9.34 (10.5%)

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

## QQ-Plot: Student Growth Percentiles

