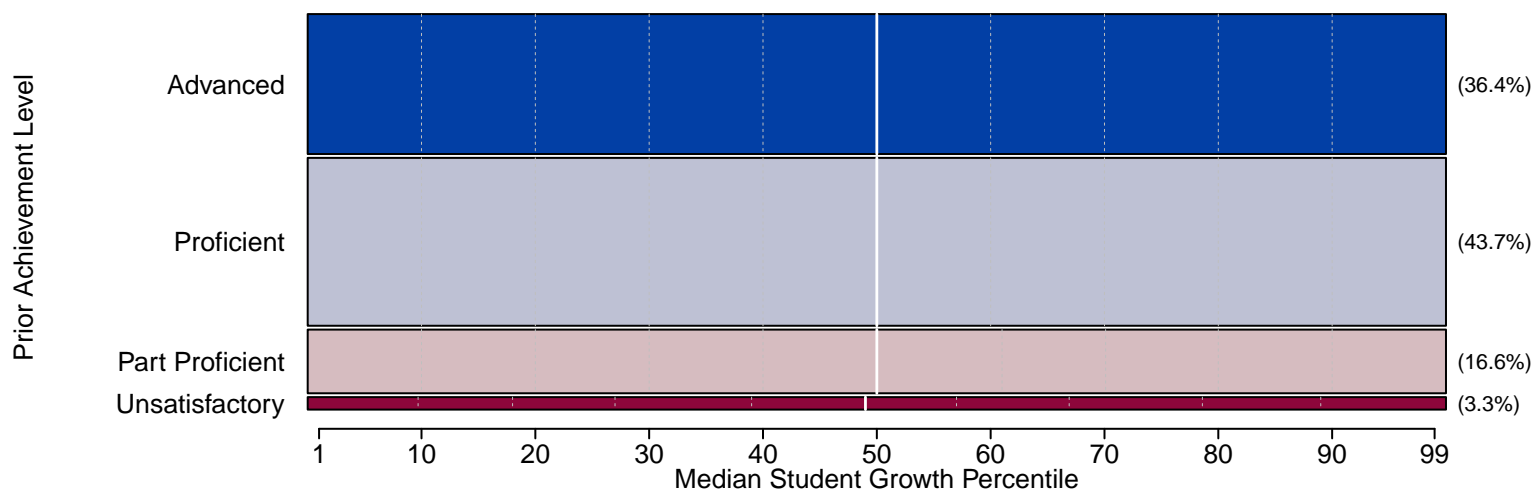


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP, Grade 4 (N = 4,245)

## SGP Deciles by Prior Achievement Level (Mathematics)



## Ceiling / Floor Effects Test

		Student Growth Percentile Range													
		1 to 5	5 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 94	95 to 99		
Current Observed Score Extremes (Range)	Lowest OSS:	[180,304]	60.0	8.0	12.0	8.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25	
		[304,330]	16.0	12.0	28.0	24.0	8.0	8.0	4.0	0.0	0.0	0.0	0.0	N = 25	
	Highest OSS:	[686,708]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	28.0	68.0	N = 25	
		[708,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	80.0	N = 25	

## 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	
Prior Scale Score Decile/Range*	1st/[150,381]	9.29	9.76	9.05	10.48	11.19	8.81	9.76	10.24	10.48	10.95	(9.9%)
	2nd/[381,419]	9.48	10.90	10.90	9.95	7.58	11.61	10.66	9.48	9.72	9.72	(9.9%)
	3rd/[419,442]	10.14	9.90	9.42	8.94	11.59	10.14	9.42	9.42	9.66	11.35	(9.8%)
	4th/[442,463]	9.35	9.83	10.31	11.99	9.11	8.87	10.07	10.31	10.55	9.59	(9.8%)
	5th/[463,483]	9.43	9.20	9.20	8.05	10.80	10.11	10.11	11.26	10.34	11.49	(10.2%)
	6th/[483,502]	9.81	9.81	11.21	10.75	10.98	9.58	10.05	8.41	9.58	9.81	(10.1%)
	7th/[502,522]	10.29	11.24	10.29	10.29	7.42	11.72	9.81	9.81	10.29	8.85	(9.8%)
	8th/[522,552]	8.70	8.92	8.70	10.98	11.44	8.24	11.44	12.13	8.01	11.44	(10.3%)
	9th/[552,591]	9.84	11.01	11.48	8.20	10.07	11.01	7.73	8.20	11.48	11.01	(10.1%)
	10th/[591,700]	9.37	10.07	8.90	11.24	9.60	9.37	11.24	10.54	10.07	9.60	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

