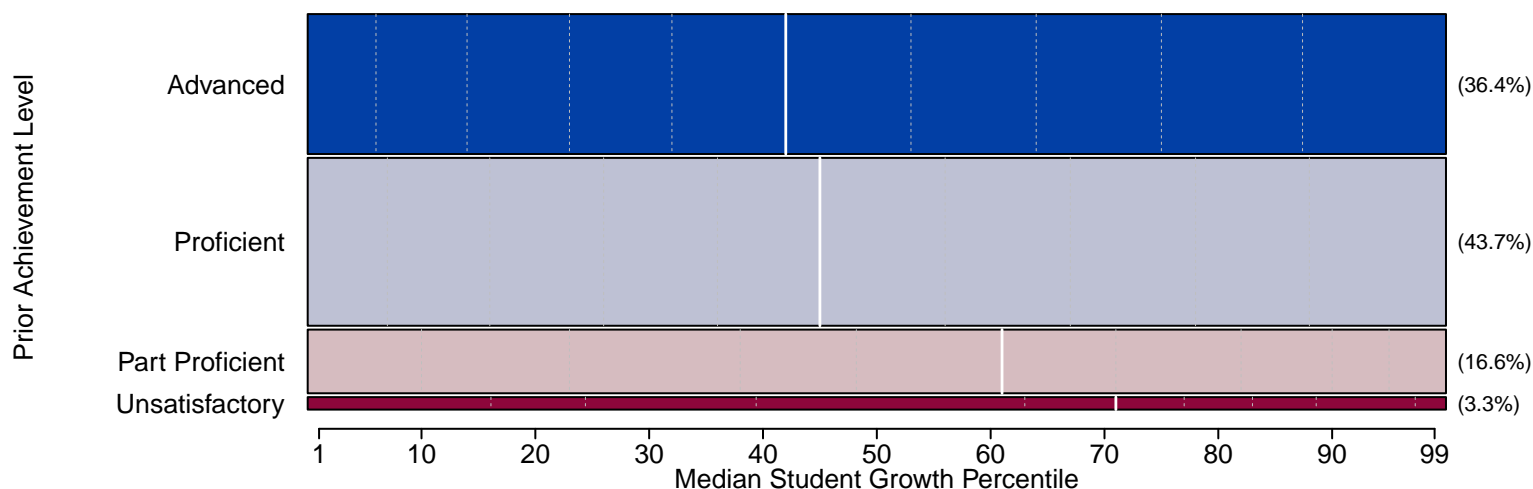


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX, 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:													N = 25	
	[180,304]	44.0	20.0	8.0	4.0	8.0	8.0	0.0	4.0	0.0	4.0	0.0	0.0		
	[304,330]	16.0	4.0	16.0	24.0	20.0	4.0	0.0	4.0	8.0	0.0	0.0	4.0	N = 25	
	Highest OSS:													N = 25	
	[686,708]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	36.0	60.0		
	[708,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	92.0	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]	8.10	5.48	7.86	6.19	6.67	6.43	8.81	12.14	14.29	24.05	(9.9%)
	2nd/[381,419]	10.90	9.72	5.69	9.48	8.29	8.06	10.19	9.24	11.61	16.82	(9.9%)
	3rd/[419,442]	12.56	9.66	9.90	9.66	10.14	8.70	8.94	8.94	9.90	11.59	(9.8%)
	4th/[442,463]	13.19	10.55	11.27	11.27	6.95	8.39	11.03	9.35	10.79	7.19	(9.8%)
	5th/[463,483]	14.71	8.28	9.43	9.89	9.20	9.89	9.66	10.11	9.66	9.20	(10.2%)
	6th/[483,502]	14.02	12.85	9.11	10.51	9.81	11.21	7.24	7.24	9.11	8.88	(10.1%)
	7th/[502,522]	16.51	10.29	9.57	11.00	11.00	8.61	7.18	10.53	8.13	7.18	(9.8%)
	8th/[522,552]	14.19	9.84	10.98	11.44	8.70	11.44	8.47	8.47	6.86	9.61	(10.3%)
	9th/[552,591]	15.46	12.18	11.24	10.30	12.18	5.85	6.79	9.37	7.49	9.13	(10.1%)
	10th/[591,700]	14.75	11.71	12.18	7.96	10.07	8.20	8.90	9.84	7.73	8.67	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

