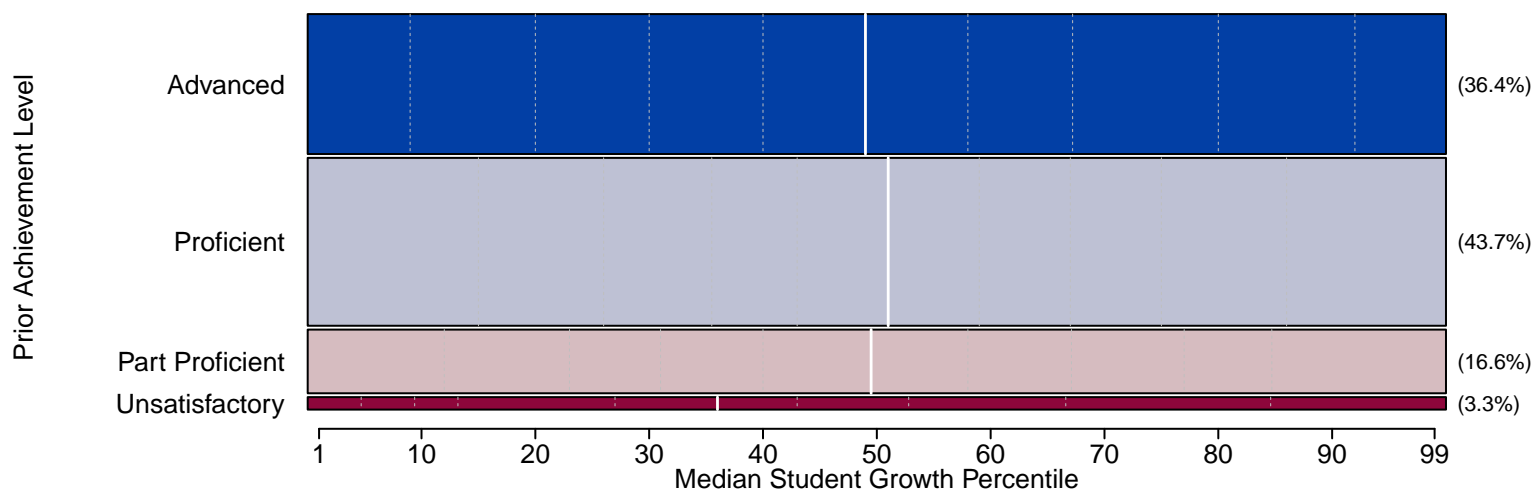


# Student Growth Percentile Goodness-of-Fit Descriptives

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

## SGP Deciles by Prior Achievement Level (Mathematics)



## Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)		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	
Lowest OSS:	[180,304]	76.0	4.0	16.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	N = 25
	[304,330]	28.0	32.0	28.0	8.0	0.0	0.0	0.0	4.0	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	0.0	8.0	8.0	N = 25
	[708,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	N = 25

## Student Growth Percentile Range

Prior Score Decile/Range*	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/[150,381]	12.14	11.43	9.76	11.19	11.43	9.52	7.86	10.24	8.33	8.10	(9.9%)
2nd/[381,419]	7.11	11.14	9.24	11.61	10.66	13.03	10.19	13.03	7.82	6.16	(9.9%)
3rd/[419,442]	7.49	7.97	10.63	10.39	15.70	13.04	10.39	10.63	6.28	7.49	(9.8%)
4th/[442,463]	5.52	8.15	10.07	15.11	13.19	10.55	15.83	8.39	7.43	5.76	(9.8%)
5th/[463,483]	4.37	9.43	8.05	10.57	11.95	13.56	14.25	11.26	8.97	7.59	(10.2%)
6th/[483,502]	5.37	6.54	9.58	13.08	11.92	13.79	12.38	8.41	10.98	7.94	(10.1%)
7th/[502,522]	5.50	6.94	9.81	10.77	10.77	12.92	12.92	10.29	10.77	9.33	(9.8%)
8th/[522,552]	5.49	6.64	7.32	8.47	14.42	10.53	14.65	8.92	9.38	14.19	(10.3%)
9th/[552,591]	5.62	12.18	10.07	10.77	11.01	11.71	8.67	5.85	10.77	13.35	(10.1%)
10th/[591,700]	22.25	10.54	14.05	9.37	7.49	8.67	5.85	6.32	5.85	9.60	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

