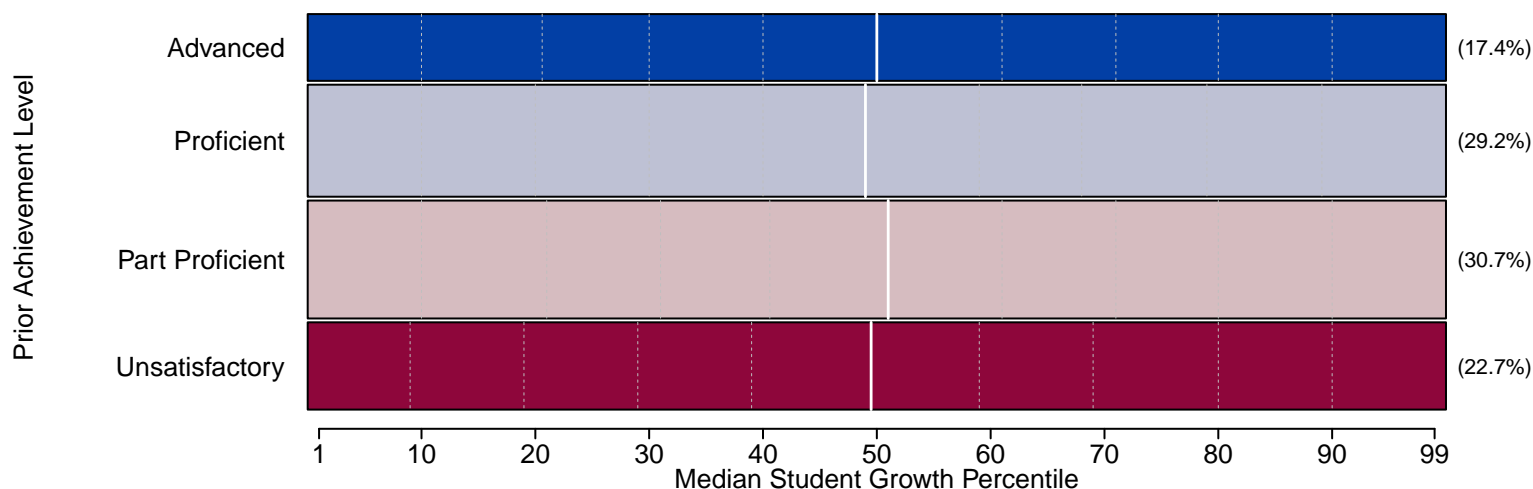


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP, Grade 10 (N = 4,250)

## 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:	[ 370 ]	68.8	6.2	18.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 32
		(370,404]	44.4	5.6	27.8	16.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 18
	Highest OSS:	[731,744]	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	19.2	23.1	15.4	19.2	N = 26
		[744,851]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	11.1	25.9	14.8	37.0	N = 27

## 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/[340,509]	9.65	8.94	9.65	11.06	11.06	8.71	10.12	10.35	10.82	9.65	(10%)
	2nd/[509,540]	9.36	11.58	10.34	8.13	8.62	12.56	9.61	9.36	9.36	11.08	(9.6%)
	3rd/[540,563]	10.84	9.26	9.03	10.84	10.38	9.71	10.61	9.71	10.16	9.48	(10.4%)
	4th/[563,580]	8.43	10.84	11.81	9.88	9.88	8.67	10.12	10.84	8.92	10.60	(9.8%)
	5th/[580,596]	9.66	7.49	9.42	11.35	9.90	9.42	7.73	10.39	12.32	12.32	(9.7%)
	6th/[596,612]	9.46	13.00	8.98	8.27	9.93	10.64	12.77	9.93	8.04	8.98	(10%)
	7th/[612,628]	10.02	7.97	10.93	10.25	11.16	10.02	9.79	8.88	10.93	10.02	(10.3%)
	8th/[628,646]	9.66	10.34	9.43	9.20	9.89	11.03	10.11	10.57	8.28	11.49	(10.2%)
	9th/[646,671]	9.48	11.85	9.24	11.61	8.06	10.19	9.00	9.72	10.90	9.95	(9.9%)
	10th/[671,868]	9.35	8.88	10.75	9.58	11.21	8.88	10.51	10.28	10.28	10.28	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

