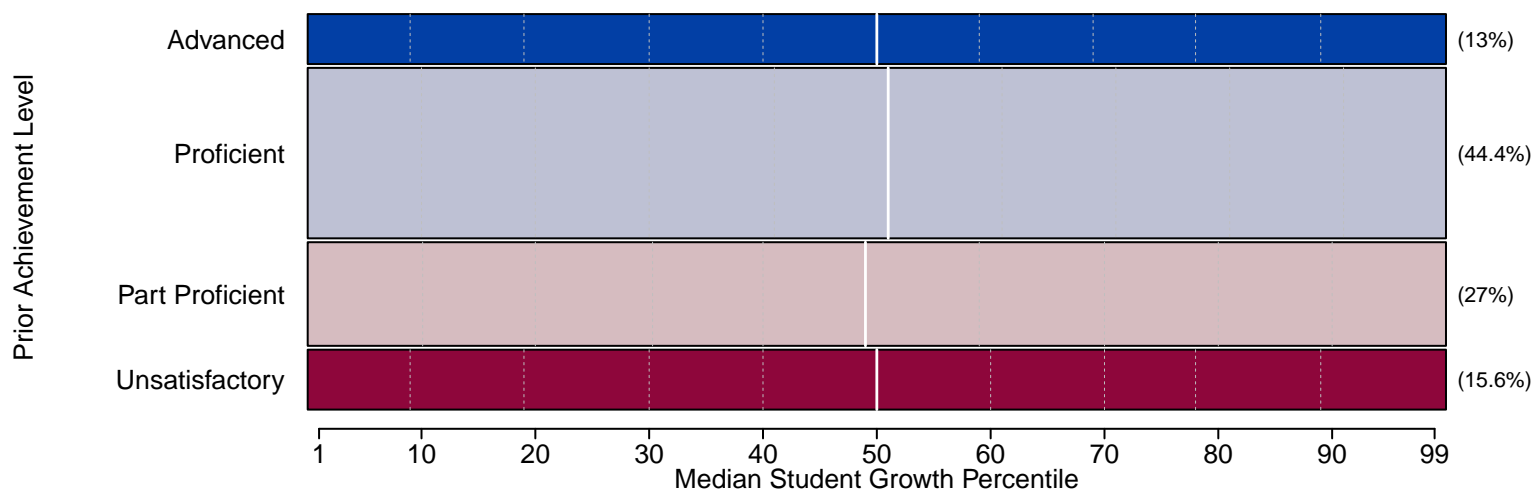


# Student Growth Percentile Goodness-of-Fit Descriptives

2019 Mathematics SGP, Grade 7 (N = 6,010)

## 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	95 to 99	
Lowest OSS:	[392,425]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[ 425 ]	77.4	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 31
Highest OSS:	[ 604 ]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	17.9	25.6	51.3	N = 39
	(604,664]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	15.2	69.7	N = 33

## Student Growth Percentile Range

Prior Scale 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/[386,460]	11.59	9.23	10.02	10.41	8.64	10.22	9.04	10.61	9.82	10.41	(8.5%)
2nd/[460,474]	9.98	9.81	9.14	9.48	10.15	9.48	10.15	12.18	9.98	9.64	(9.8%)
3rd/[474,486]	9.66	9.66	10.14	8.53	11.92	10.31	10.14	8.53	9.02	12.08	(10.3%)
4th/[486,495]	5.88	8.64	10.48	13.60	9.01	10.11	9.74	11.58	11.95	9.01	(9.1%)
5th/[495,504]	11.43	13.08	10.08	7.82	11.28	10.53	10.38	7.52	8.27	9.62	(11.1%)
6th/[504,511]	9.01	8.82	9.94	7.50	10.88	8.63	10.69	12.76	10.13	11.63	(8.9%)
7th/[511,519]	9.46	9.11	9.28	11.38	8.41	11.56	8.58	8.58	13.13	10.51	(9.5%)
8th/[519,530]	8.45	9.74	10.60	10.74	10.46	9.17	11.17	9.31	8.45	11.89	(11.6%)
9th/[530,549]	9.60	9.60	10.24	10.88	8.16	9.92	9.12	10.72	10.24	11.52	(10.4%)
10th/[549,650]	10.87	9.95	9.65	8.88	11.49	10.11	10.57	9.19	10.72	8.58	(10.9%)

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

## QQ-Plot: Student Growth Percentiles

