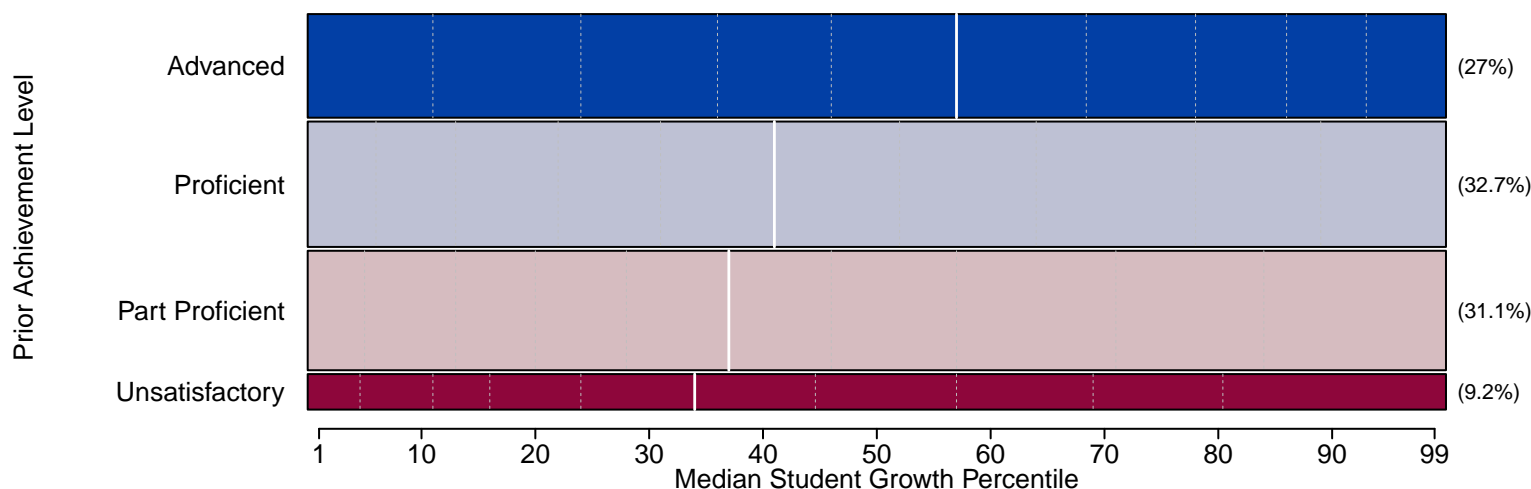


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP, Grade 8 (N = 4,076)

## 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:	[310,361]	76.0	8.0	12.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
		[361,398]	46.2	15.4	26.9	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0	N = 26
	Highest OSS:	[735,754]	0.0	0.0	0.0	0.0	4.0	8.0	0.0	4.0	0.0	20.0	32.0	N = 25
		[754,871]	0.0	0.0	0.0	0.0	0.0	4.0	8.0	4.0	12.0	4.0	16.0	N = 25

## 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/[280,489]	19.80	15.54	10.78	8.52	9.52	7.77	7.77	9.27	6.77	4.26	(9.8%)
2nd/[489,519]	16.55	11.19	12.90	13.14	10.46	8.03	6.08	10.95	6.08	4.62	(10.1%)
3rd/[519,539]	18.78	14.21	12.94	10.41	8.38	9.90	6.85	5.58	7.87	5.08	(9.7%)
4th/[539,557]	13.16	14.94	11.90	11.90	8.86	9.37	7.85	6.33	8.10	7.59	(9.7%)
5th/[557,575]	13.72	12.09	13.49	9.07	10.47	8.60	7.44	9.07	9.30	6.74	(10.5%)
6th/[575,592]	13.94	10.82	13.22	11.30	10.82	7.69	7.69	6.25	7.93	10.34	(10.2%)
7th/[592,608]	16.38	12.66	9.18	8.68	8.68	8.68	8.44	8.19	8.19	10.92	(9.9%)
8th/[608,627]	12.11	11.08	9.02	11.08	9.02	7.99	7.73	7.99	9.79	14.18	(9.5%)
9th/[627,652]	8.75	8.27	8.27	7.57	10.40	10.17	8.27	10.40	13.24	14.66	(10.4%)
10th/[652,860]	7.19	6.24	7.43	7.67	9.59	7.67	10.31	12.95	14.87	16.07	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

