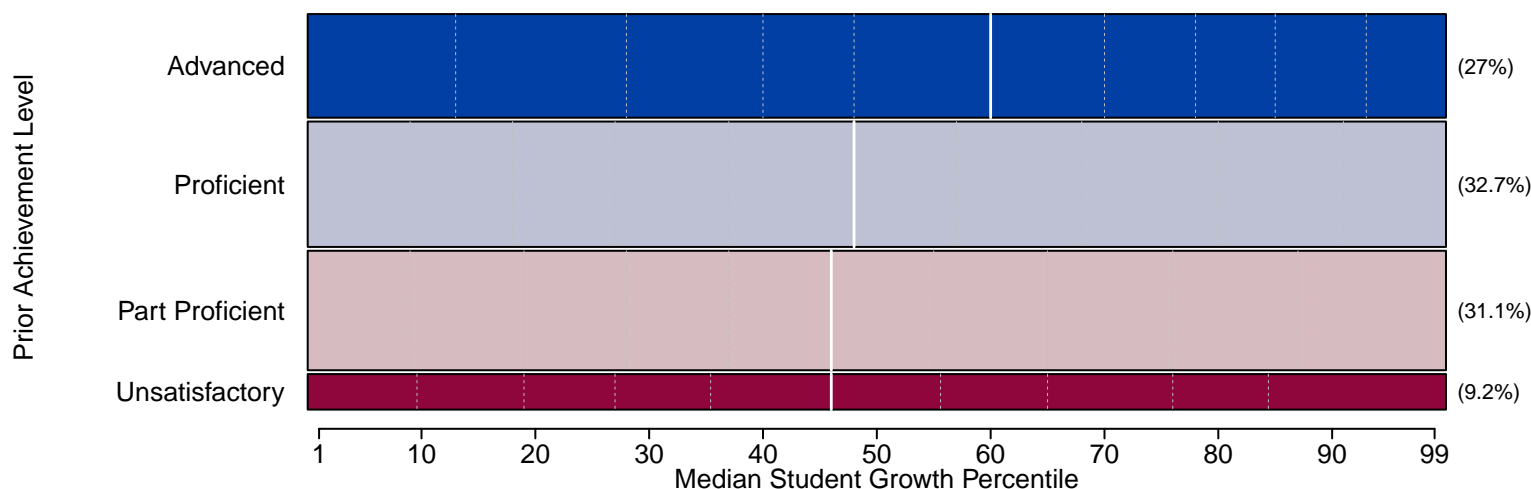


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX Ranked, 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]	56.0	12.0	12.0	12.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	N = 25
		[361,398]	26.9	15.4	26.9	11.5	11.5	0.0	0.0	7.7	0.0	0.0	0.0	N = 26
	Highest OSS:	[735,754]	0.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	4.0	24.0	28.0	N = 25
		[754,871]	0.0	0.0	0.0	0.0	0.0	0.0	4.0	20.0	8.0	4.0	20.0	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]	10.28	12.28	12.03	10.53	7.27	10.53	10.53	11.03	8.27	7.27	(9.8%)
2nd/[489,519]	9.00	10.71	9.49	12.17	11.19	11.92	8.03	10.71	9.25	7.54	(10.1%)
3rd/[519,539]	11.68	11.17	12.44	11.42	9.39	9.39	11.68	7.11	7.87	7.87	(9.7%)
4th/[539,557]	9.87	7.85	13.16	9.62	12.41	11.14	10.13	9.11	6.84	9.87	(9.7%)
5th/[557,575]	8.84	10.23	10.93	11.86	10.23	10.23	9.53	8.37	10.93	8.84	(10.5%)
6th/[575,592]	9.13	10.10	10.34	13.70	9.62	11.30	8.17	7.69	9.13	10.82	(10.2%)
7th/[592,608]	13.65	10.17	10.17	9.18	7.94	9.68	9.68	8.68	8.68	12.16	(9.9%)
8th/[608,627]	10.05	10.82	6.19	10.31	12.37	7.22	8.76	9.28	10.05	14.95	(9.5%)
9th/[627,652]	7.57	8.51	6.62	6.38	10.87	11.35	8.75	11.35	14.66	13.95	(10.4%)
10th/[652,860]	6.95	6.24	6.47	6.00	12.23	5.76	13.19	13.67	15.59	13.91	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

