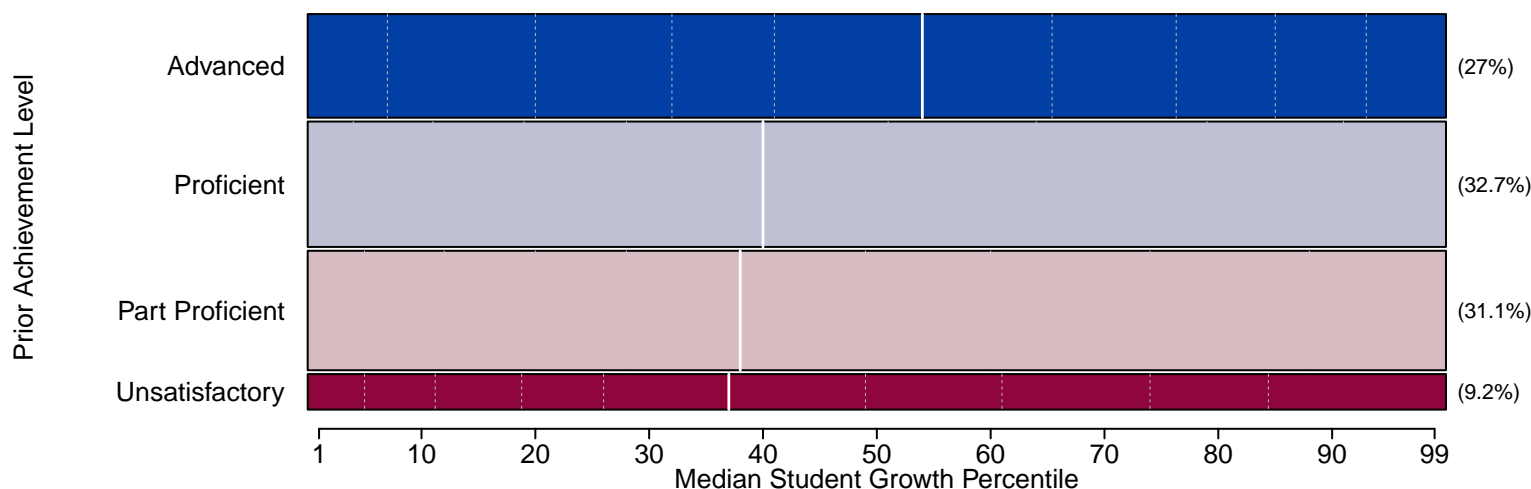


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, 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]	68.0	8.0	16.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
		[361,398]	46.2	11.5	23.1	11.5	0.0	0.0	7.7	0.0	0.0	0.0	0.0	N = 26
	Highest OSS:	[735,754]	0.0	0.0	0.0	0.0	8.0	4.0	4.0	0.0	8.0	24.0	16.0	N = 25
		[754,871]	0.0	0.0	0.0	0.0	0.0	4.0	12.0	12.0	4.0	4.0	12.0	52.0

## Student Growth Percentile 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	
Prior Scale Score Decile/Range*	1st/[280,489]	19.05	13.53	11.53	7.02	8.27	9.52	6.77	9.77	6.77	7.77	(9.8%)
	2nd/[489,519]	17.76	9.98	11.68	11.68	11.19	7.06	5.84	9.00	8.03	7.79	(10.1%)
	3rd/[519,539]	20.30	12.94	11.68	9.90	7.36	8.88	8.88	5.08	6.85	8.12	(9.7%)
	4th/[539,557]	14.68	14.94	9.62	12.41	8.10	9.11	7.59	7.59	6.08	9.87	(9.7%)
	5th/[557,575]	16.28	11.63	13.02	7.91	11.16	6.74	6.74	8.14	9.30	9.07	(10.5%)
	6th/[575,592]	16.11	12.02	12.74	8.89	12.02	6.01	6.73	6.01	7.93	11.54	(10.2%)
	7th/[592,608]	20.84	12.16	9.18	6.95	7.69	7.69	8.68	6.95	7.44	12.41	(9.9%)
	8th/[608,627]	15.98	9.54	10.82	10.82	6.19	7.99	7.73	6.44	9.02	15.46	(9.5%)
	9th/[627,652]	12.29	8.04	7.80	9.22	8.51	10.17	7.33	8.75	13.48	14.42	(10.4%)
	10th/[652,860]	10.79	6.71	7.19	11.03	5.52	9.35	11.27	10.55	13.67	13.91	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

