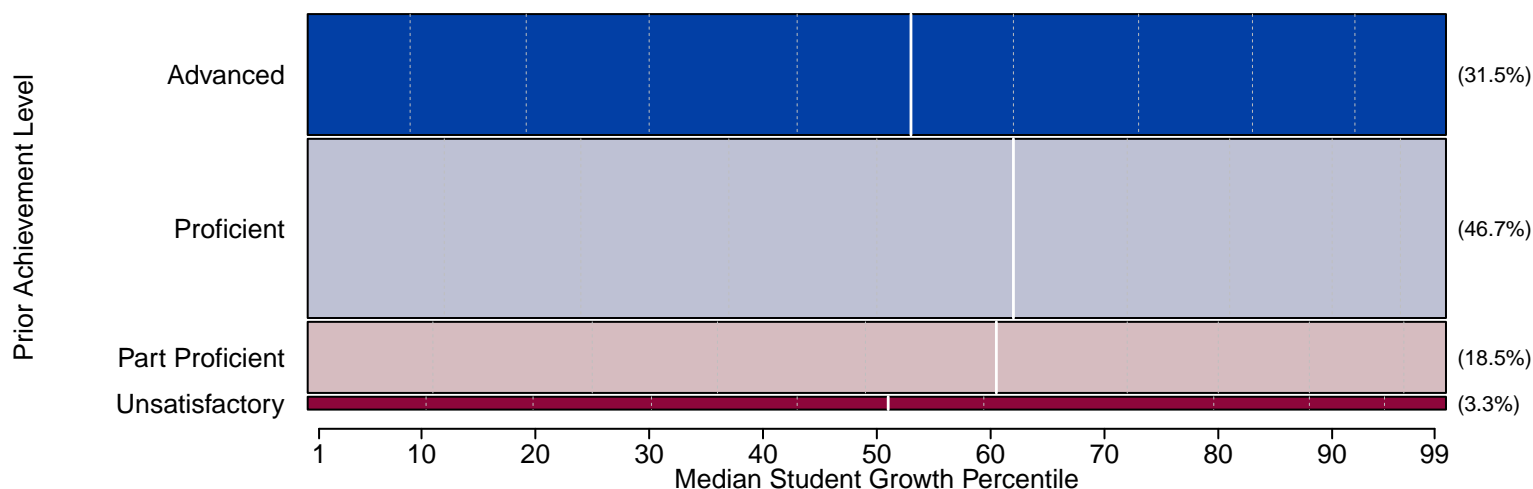


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX, Grade 5 (N = 4,040)

## 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:	[220,342]	43.5	4.3	17.4	17.4	4.3	13.0	0.0	0.0	0.0	0.0	0.0	N = 23
		[342,368]	22.2	18.5	33.3	7.4	3.7	7.4	7.4	0.0	0.0	0.0	0.0	N = 27
	Highest OSS:	[712,766]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	24.0	52.0	N = 25
		[766,800]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	88.5	N = 26

## 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/[212,421]	6.95	9.18	8.93	9.18	8.19	9.43	8.44	7.94	11.66	20.10	(10%)
2nd/[421,450]	9.05	9.80	6.03	8.54	8.29	10.55	7.54	10.05	11.31	18.84	(9.9%)
3rd/[450,471]	8.63	4.31	7.61	9.39	9.14	9.64	9.64	10.91	12.69	18.02	(9.8%)
4th/[471,488]	8.23	4.74	8.98	7.98	7.98	9.73	8.73	9.73	11.47	22.44	(9.9%)
5th/[488,506]	9.46	11.35	6.86	5.44	6.62	8.75	9.69	9.69	11.35	20.80	(10.5%)
6th/[506,522]	7.89	9.41	6.87	6.11	8.40	7.63	10.18	12.21	10.18	21.12	(9.7%)
7th/[522,540]	9.09	7.58	8.33	8.84	8.84	7.58	9.09	10.10	14.14	16.41	(9.8%)
8th/[540,561]	10.67	10.92	10.42	5.96	8.68	10.42	9.68	6.70	10.42	16.13	(10%)
9th/[561,592]	10.29	8.85	9.57	8.61	8.13	8.85	9.57	11.72	11.48	12.92	(10.3%)
10th/[592,780]	10.22	9.73	9.00	8.76	6.33	12.41	10.71	12.90	9.00	10.95	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

