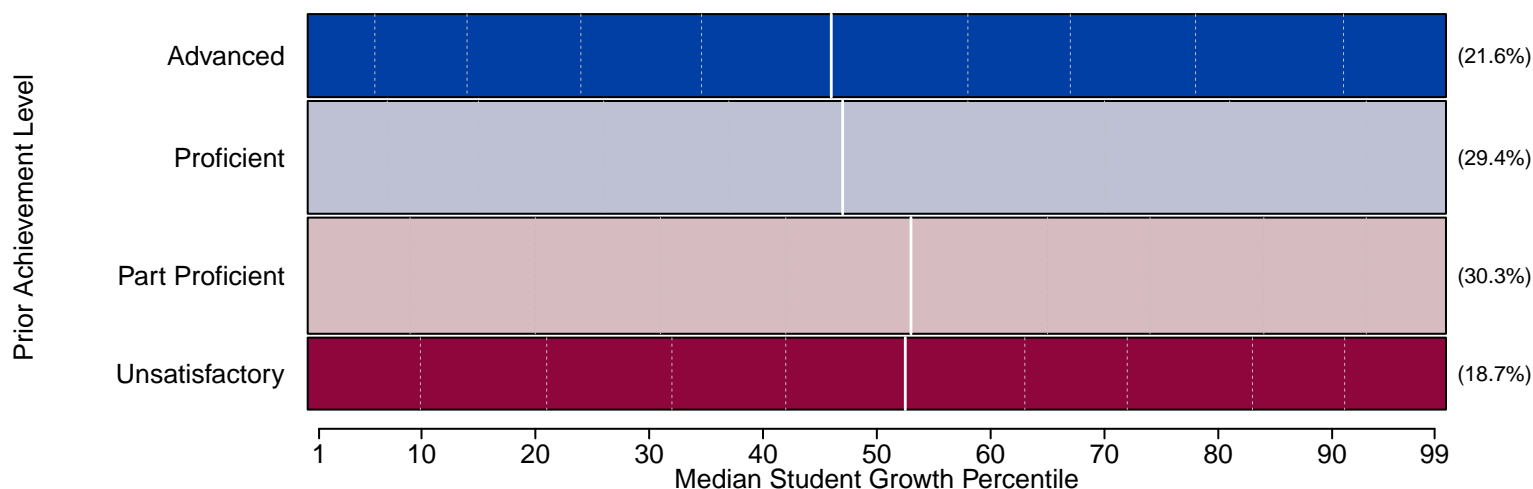


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX, Grade 9 (N = 4,161)

## 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:	[ 340 ]	40.6	15.6	18.8	3.1	9.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0	N = 32
	(340,376]	38.9	16.7	27.8	5.6	5.6	0.0	5.6	0.0	0.0	0.0	0.0	0.0	N = 18
Highest OSS:	[722,735]	0.0	0.0	0.0	4.0	0.0	12.0	12.0	16.0	12.0	20.0	4.0	20.0	N = 25
	[735,811]	3.2	0.0	0.0	0.0	6.5	0.0	0.0	3.2	9.7	29.0	12.9	35.5	N = 31

## 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/[310,490]	8.54	9.51	9.51	9.27	8.05	12.44	8.05	8.54	13.66	12.44	(9.9%)
2nd/[490,524]	11.57	8.67	10.12	7.71	7.71	12.29	9.64	11.57	8.92	11.81	(10%)
3rd/[524,545]	9.90	8.66	9.41	8.42	9.41	9.41	10.64	7.18	11.88	15.10	(9.7%)
4th/[545,563]	10.12	9.18	9.65	8.71	8.47	9.18	9.65	9.65	13.65	11.76	(10.2%)
5th/[563,578]	10.22	11.44	7.30	8.03	9.49	9.49	11.68	9.00	7.54	15.82	(9.9%)
6th/[578,594]	13.68	10.38	7.08	10.85	10.61	7.55	8.49	8.02	10.61	12.74	(10.2%)
7th/[594,611]	15.27	10.10	8.62	10.59	9.11	6.16	8.87	9.85	7.64	13.79	(9.8%)
8th/[611,630]	14.08	8.74	10.19	10.19	9.95	8.74	9.95	8.50	7.28	12.38	(9.9%)
9th/[630,660]	14.15	9.98	9.51	11.60	5.34	10.90	11.37	6.96	7.66	12.53	(10.4%)
10th/[660,890]	17.49	10.87	8.98	8.51	8.51	8.51	8.27	10.17	9.22	9.46	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

