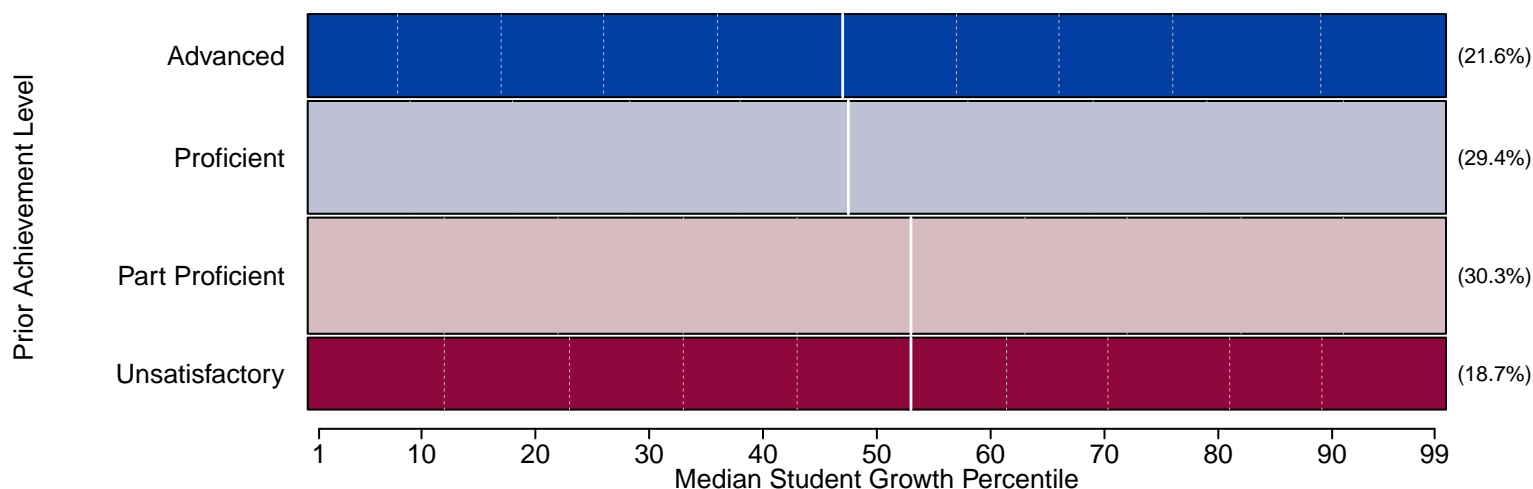


# Student Growth Percentile Goodness-of-Fit Descriptives

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

## 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:	[ 340 ]	37.5	15.6	12.5	12.5	9.4	6.2	6.2	0.0	0.0	0.0	0.0	N = 32
		(340,376]	27.8	22.2	16.7	22.2	5.6	0.0	5.6	0.0	0.0	0.0	0.0	N = 18
	Highest OSS:	[722,735]	0.0	0.0	0.0	0.0	4.0	12.0	12.0	20.0	12.0	16.0	12.0	N = 25
		[735,811]	3.2	0.0	0.0	0.0	3.2	3.2	0.0	6.5	12.9	22.6	19.4	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]	6.59	8.29	10.73	9.51	9.51	12.68	8.54	10.49	13.66	10.00	(9.9%)
2nd/[490,524]	9.40	8.43	10.84	8.43	8.67	13.01	10.60	11.57	8.43	10.60	(10%)
3rd/[524,545]	7.92	8.42	9.16	10.15	10.15	9.90	10.89	8.91	11.63	12.87	(9.7%)
4th/[545,563]	8.24	7.06	12.24	9.18	9.41	9.88	11.53	8.00	15.29	9.18	(10.2%)
5th/[563,578]	7.30	11.44	8.03	9.49	10.22	9.98	12.17	9.98	8.76	12.65	(9.9%)
6th/[578,594]	10.85	10.14	8.02	9.91	12.74	8.73	8.73	11.32	8.25	11.32	(10.2%)
7th/[594,611]	12.07	10.34	10.10	11.08	10.10	6.65	9.61	10.59	8.62	10.84	(9.8%)
8th/[611,630]	11.17	9.71	10.68	9.95	11.65	9.47	10.19	9.22	8.25	9.71	(9.9%)
9th/[630,660]	10.90	10.90	10.21	10.67	7.89	12.30	10.44	7.89	8.35	10.44	(10.4%)
10th/[660,890]	13.48	12.06	8.98	10.17	9.69	8.98	9.46	10.64	8.04	8.51	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

