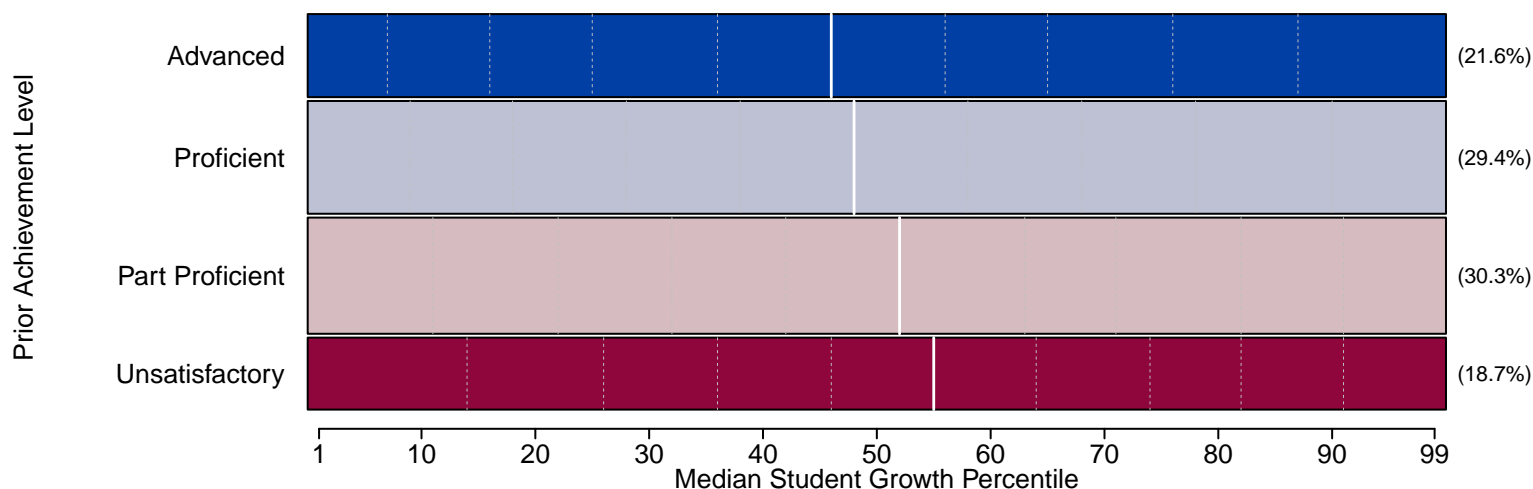


# Student Growth Percentile Goodness-of-Fit Descriptives

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 ]	50.0	6.2	21.9	6.2	12.5	3.1	0.0	0.0	0.0	0.0	0.0	N = 32
		(340,376]	44.4	11.1	22.2	16.7	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	0.0	4.0	8.0	20.0	16.0	8.0	24.0	12.0	N = 25
		[735,811]	6.5	0.0	0.0	0.0	0.0	0.0	3.2	6.5	6.5	25.8	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]	5.85	8.29	9.02	10.24	10.98	9.02	10.00	11.46	13.66	11.46	(9.9%)
2nd/[490,524]	7.23	7.23	8.92	9.64	10.60	9.88	13.73	11.33	10.36	11.08	(10%)
3rd/[524,545]	7.92	8.42	7.67	11.88	10.64	9.65	9.41	9.65	10.89	13.86	(9.7%)
4th/[545,563]	8.94	9.18	11.29	9.88	9.41	8.00	9.41	12.24	12.94	8.71	(10.2%)
5th/[563,578]	9.25	11.44	7.30	9.73	9.49	11.19	10.71	9.49	8.27	13.14	(9.9%)
6th/[578,594]	10.85	9.67	9.20	10.14	10.14	10.85	8.73	9.67	9.67	11.08	(10.2%)
7th/[594,611]	11.82	11.82	10.10	9.11	8.37	11.33	8.13	10.84	7.39	11.08	(9.8%)
8th/[611,630]	10.44	10.44	12.14	8.98	11.17	11.41	8.74	9.95	8.01	8.74	(9.9%)
9th/[630,660]	10.21	12.76	11.14	10.44	8.35	10.44	12.53	6.96	7.89	9.28	(10.4%)
10th/[660,890]	13.71	10.40	10.87	10.17	9.22	9.69	8.98	9.69	10.40	6.86	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

