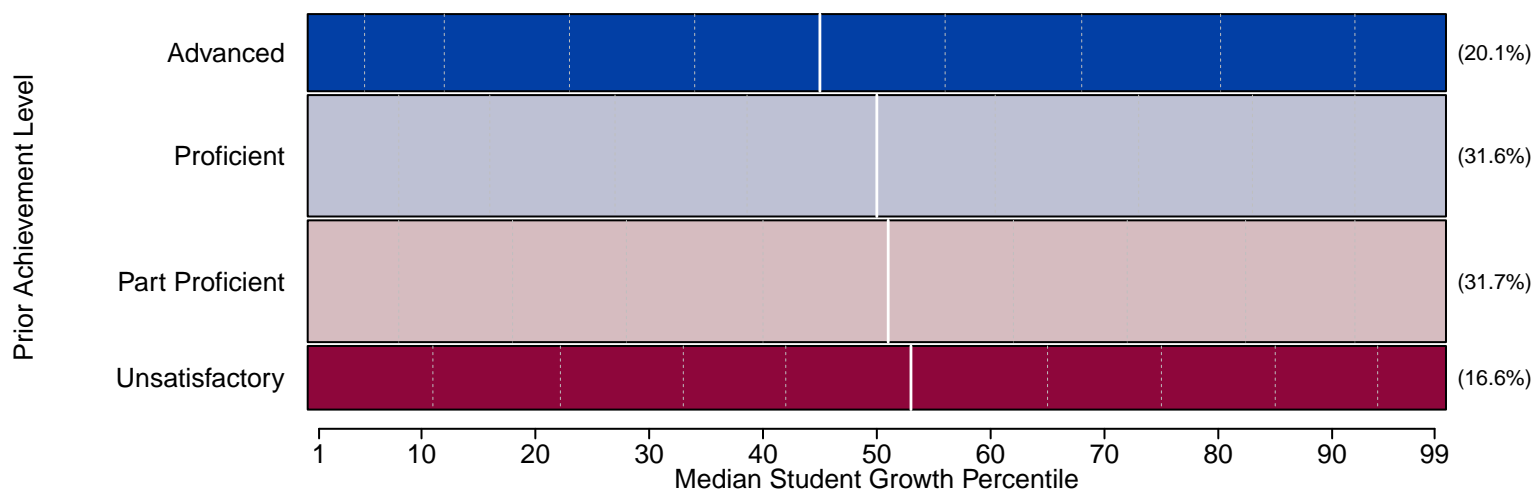


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, Grade 9 (N = 4,206)

## 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:	[340,362]	79.2	4.2	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	N = 24
		[362,401]	26.9	15.4	26.9	15.4	3.8	3.8	3.8	0.0	3.8	0.0	0.0	N = 26
	Highest OSS:	[724,736]	4.0	0.0	4.0	0.0	0.0	8.0	4.0	12.0	12.0	24.0	16.0	N = 25
		[736,868]	0.0	4.0	8.0	0.0	0.0	8.0	0.0	0.0	8.0	20.0	8.0	N = 25

## 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/[310,500]	9.38	9.13	10.10	8.89	9.13	8.41	8.65	13.46	10.10	12.74	(9.9%)
2nd/[500,529]	10.54	7.84	10.78	9.31	10.29	10.05	7.60	6.86	11.03	15.69	(9.7%)
3rd/[529,548]	9.13	10.73	10.05	7.76	9.13	9.82	9.82	8.22	10.50	14.84	(10.4%)
4th/[548,564]	11.55	8.35	9.09	9.09	10.07	8.60	10.07	10.81	7.86	14.50	(9.7%)
5th/[564,579]	14.50	7.62	11.79	8.11	6.88	12.53	8.85	12.04	8.35	9.34	(9.7%)
6th/[579,594]	9.05	10.48	8.81	8.57	9.29	10.48	9.52	7.86	10.24	15.71	(10%)
7th/[594,610]	14.03	11.31	10.63	8.37	6.33	8.37	7.24	9.73	12.67	11.31	(10.5%)
8th/[610,628]	12.29	11.58	9.22	9.22	8.98	8.98	10.40	9.46	7.33	12.53	(10.1%)
9th/[628,650]	15.40	10.51	8.80	8.56	8.31	8.80	8.56	8.56	9.05	13.45	(9.7%)
10th/[650,791]	15.14	13.99	8.26	8.03	12.16	5.50	11.70	5.96	8.72	10.55	(10.4%)

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

## QQ-Plot: Student Growth Percentiles

