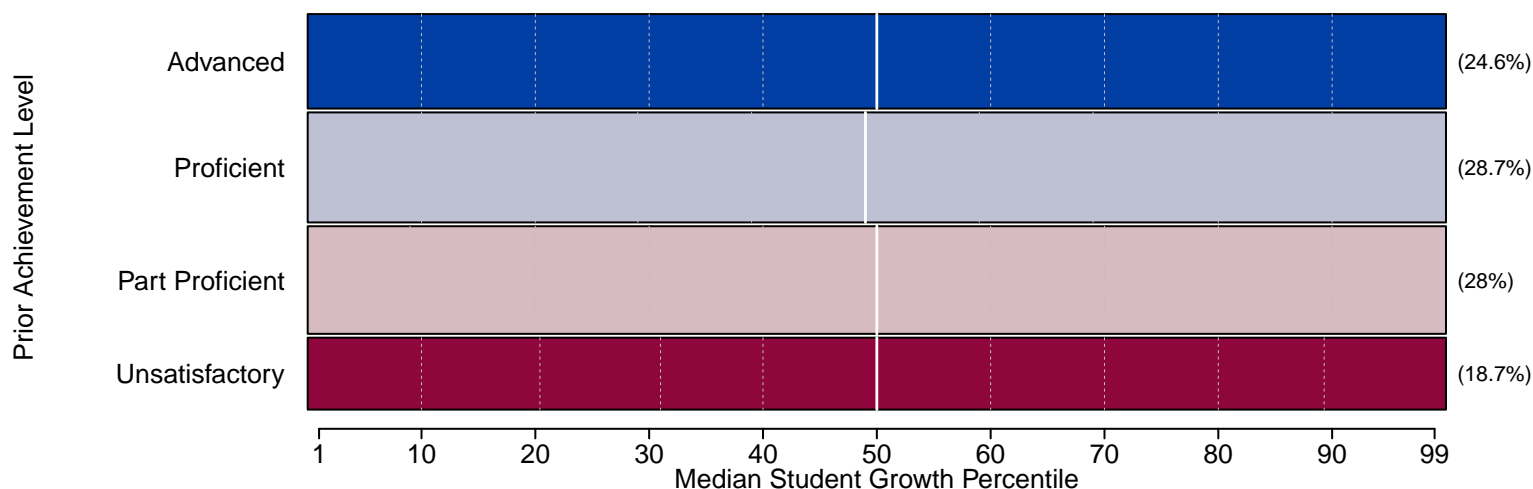


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP, Grade 9 (N = 4,101)

## 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 ]	84.6	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 26	
		(340,383]	50.0	12.5	12.5	12.5	8.3	4.2	0.0	0.0	0.0	0.0	0.0	N = 24	
	Highest OSS:	[721,739)	0.0	0.0	0.0	0.0	0.0	0.0	17.4	8.7	17.4	17.4	17.4	21.7	N = 23
		[739,789]	0.0	0.0	0.0	3.7	3.7	0.0	7.4	11.1	7.4	18.5	7.4	40.7	N = 27

## 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/[310,493]	12.10	8.15	10.12	9.38	9.63	8.40	10.62	9.63	10.86	11.11	(9.9%)
2nd/[493,524]	6.65	11.82	9.85	10.84	11.08	11.08	9.85	10.84	9.85	8.13	(9.9%)
3rd/[524,546]	9.05	11.00	10.27	11.25	8.31	10.27	10.02	9.05	8.80	11.98	(10%)
4th/[546,565]	12.14	8.33	9.76	7.62	11.67	10.71	9.29	9.05	10.95	10.48	(10.2%)
5th/[565,581]	11.55	9.97	8.66	9.97	10.76	8.40	10.24	12.34	8.92	9.19	(9.3%)
6th/[581,599]	6.67	8.28	12.18	11.26	9.43	11.49	11.49	7.59	9.66	11.95	(10.6%)
7th/[599,617]	8.82	14.71	7.60	10.54	8.33	8.09	7.35	11.52	13.24	9.80	(9.9%)
8th/[617,639]	10.98	7.32	11.22	8.05	12.20	12.20	11.46	10.73	6.34	9.51	(10%)
9th/[639,667]	8.96	9.69	10.41	11.62	8.23	9.44	9.93	9.93	10.41	11.38	(10.1%)
10th/[667,871]	9.90	10.14	9.90	9.42	10.39	9.66	10.14	9.42	10.87	10.14	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

