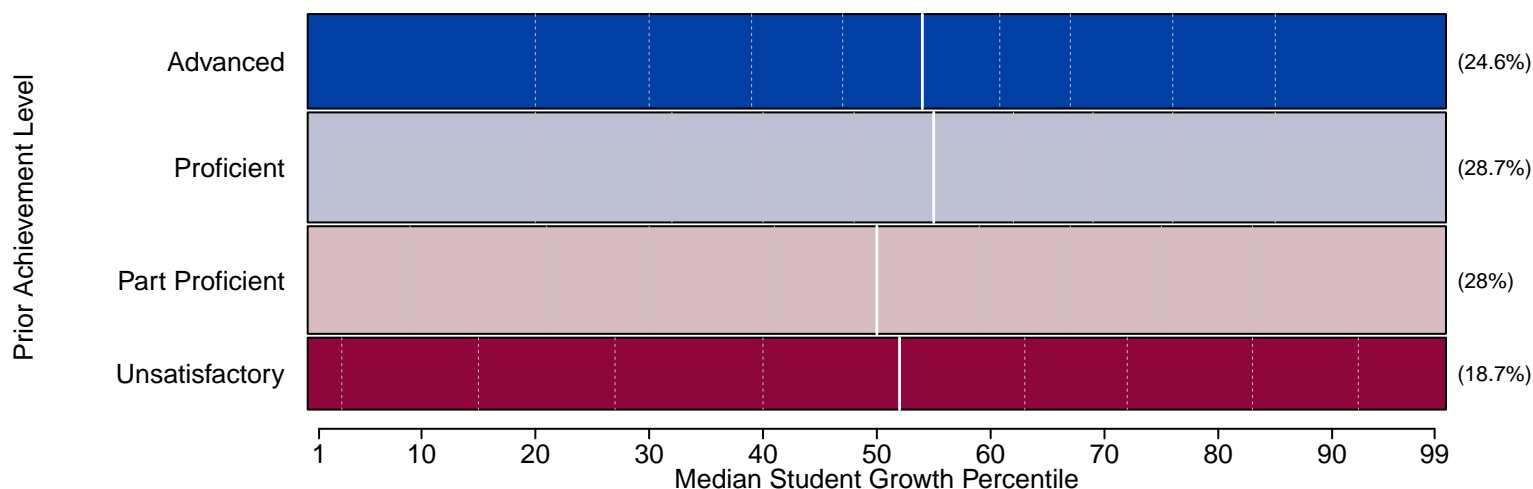


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP Ols, 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 ]	80.8	0.0	0.0	7.7	0.0	0.0	11.5	0.0	0.0	0.0	0.0	N = 26
		(340,383]	75.0	0.0	0.0	0.0	0.0	4.2	4.2	0.0	8.3	8.3	0.0	N = 24
	Highest OSS:	[721,739]	0.0	0.0	0.0	8.7	8.7	13.0	17.4	8.7	8.7	17.4	13.0	N = 23
		[739,789]	7.4	7.4	14.8	11.1	3.7	0.0	11.1	3.7	0.0	3.7	18.5	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]	17.78	6.17	6.91	6.17	6.42	7.16	9.14	9.14	11.60	19.51	(9.9%)
2nd/[493,524]	13.30	11.08	8.87	9.85	10.59	10.10	12.32	10.59	7.88	5.42	(9.9%)
3rd/[524,546]	10.51	10.02	13.20	10.51	6.60	11.98	12.22	8.56	9.05	7.33	(10%)
4th/[546,565]	12.14	6.67	9.52	9.76	10.95	11.90	11.67	13.33	8.81	5.24	(10.2%)
5th/[565,581]	8.92	8.40	8.14	12.07	11.55	10.76	13.12	14.44	8.92	3.67	(9.3%)
6th/[581,599]	4.37	3.45	7.36	13.33	13.33	14.25	16.09	12.41	11.03	4.37	(10.6%)
7th/[599,617]	3.68	4.90	9.80	10.78	12.75	12.75	10.54	15.69	14.46	4.66	(9.9%)
8th/[617,639]	1.95	6.10	5.85	9.02	12.44	19.27	16.83	13.90	7.07	7.56	(10%)
9th/[639,667]	1.45	3.63	7.51	9.93	15.25	15.25	14.29	13.08	14.29	5.33	(10.1%)
10th/[667,871]	5.56	9.66	13.04	14.25	10.87	12.56	11.84	10.39	7.00	4.83	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

