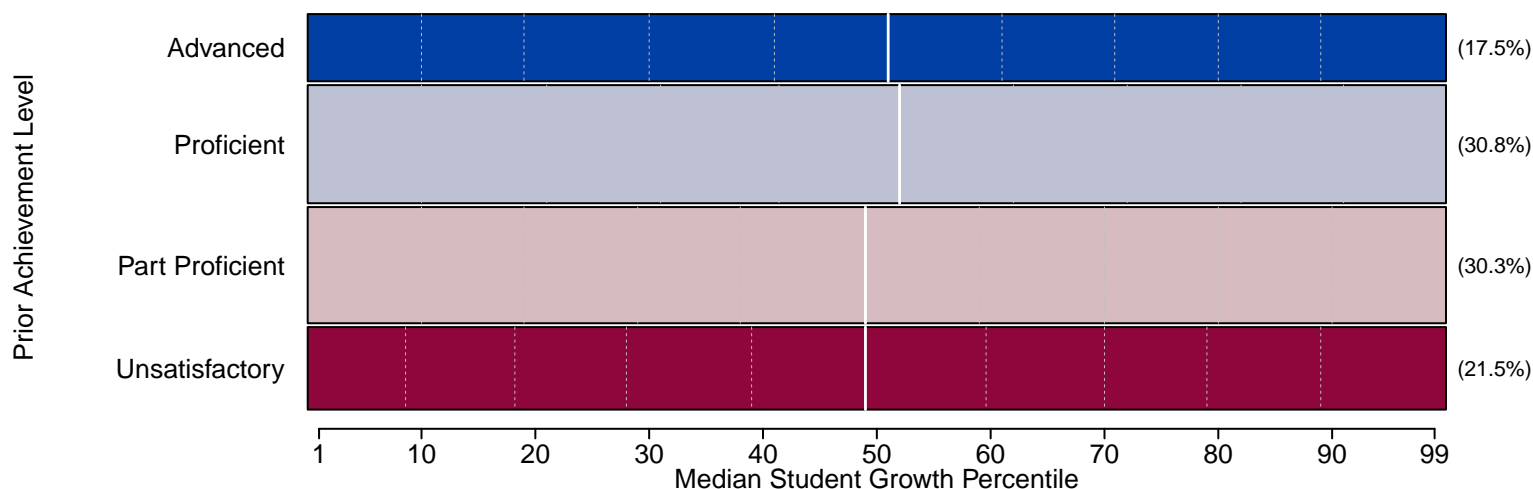


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP, Grade 10 (N = 3,989)

## 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:	[370,377]	75.0	8.3	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24	
		[377,409]	30.8	15.4	23.1	19.2	3.8	7.7	0.0	0.0	0.0	0.0	0.0	N = 26	
	Highest OSS:	[729,740]	0.0	0.0	4.0	0.0	4.0	12.0	12.0	4.0	20.0	20.0	12.0	N = 25	
		[740,782]	0.0	0.0	4.0	0.0	4.0	0.0	0.0	8.0	4.0	20.0	12.0	N = 25	48.0

## 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	
Prior Scale Score Decile/Range*	1st/[340,512]	10.43	10.43	10.69	11.70	9.67	9.67	8.91	9.41	8.65	10.43	(9.9%)
	2nd/[512,545]	12.50	9.50	9.75	8.25	9.00	9.00	9.50	11.75	11.25	9.50	(10%)
	3rd/[545,565]	9.28	9.28	10.05	9.79	9.79	9.79	10.57	10.31	9.28	11.86	(9.7%)
	4th/[565,584]	9.88	13.09	8.89	9.38	10.86	9.14	8.89	9.14	10.62	10.12	(10.2%)
	5th/[584,599]	10.38	12.15	8.35	11.14	9.11	7.85	10.63	9.62	12.15	8.61	(9.9%)
	6th/[599,613]	10.84	8.37	10.34	9.36	9.85	9.85	8.87	11.33	10.59	10.59	(10.2%)
	7th/[613,628]	8.16	9.74	10.00	10.26	8.95	10.53	10.26	7.89	11.32	12.89	(9.5%)
	8th/[628,646]	10.00	7.80	8.78	10.24	10.24	11.22	9.27	12.68	8.78	10.98	(10.3%)
	9th/[646,669]	9.31	12.50	9.80	8.09	11.52	8.58	10.54	9.56	10.54	9.56	(10.2%)
	10th/[669,801]	9.90	8.91	8.91	9.90	9.16	10.15	9.41	10.64	12.13	10.89	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

