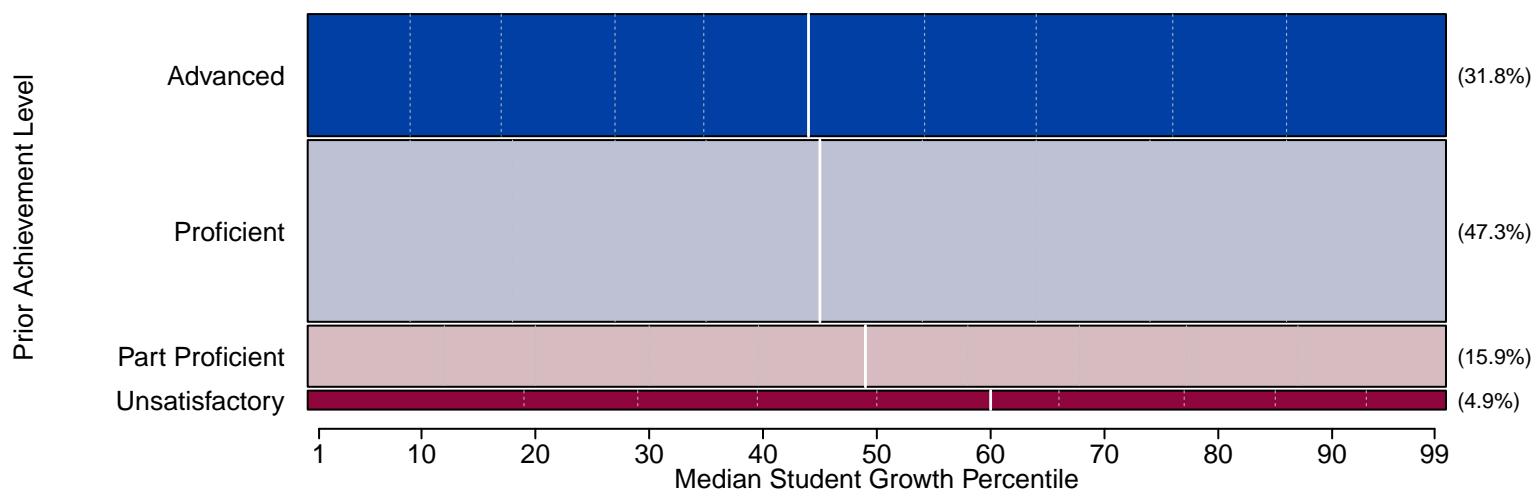


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP, Grade 5 (N = 4,175)

## 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:	[220,334]	32.0	20.0	12.0	16.0	4.0	12.0	0.0	0.0	4.0	0.0	0.0	N = 25	
		[334,369]	12.0	8.0	8.0	32.0	12.0	12.0	12.0	4.0	0.0	0.0	0.0	N = 25	
	Highest OSS:	[697,721]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	29.2	37.5	N = 24	
		[721,800]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	17.9	N = 28	

## 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/[180,419]	5.57	7.99	10.90	8.47	8.23	11.86	12.59	10.65	10.41	13.32	(9.9%)	
	2nd/[419,452]	9.13	12.74	9.62	11.54	11.54	10.34	8.41	10.58	8.41	7.69	(10%)	
	3rd/[452,475]	5.95	11.67	10.24	8.81	10.48	14.05	10.71	9.29	10.95	7.86	(10.1%)	
	4th/[475,492]	11.03	12.99	10.29	10.54	10.78	11.52	8.09	7.11	10.29	7.35	(9.8%)	
	5th/[492,508]	12.56	11.40	16.05	13.49	9.77	7.67	11.16	8.37	5.12	4.42	(10.3%)	
	6th/[508,525]	9.88	10.12	8.92	12.53	11.33	12.29	9.16	8.67	9.88	7.23	(9.9%)	
	7th/[525,541]	10.58	12.02	8.89	10.82	10.58	11.78	10.58	9.38	8.41	6.97	(10%)	
	8th/[541,561]	11.61	13.03	13.27	11.85	11.85	8.29	7.58	8.06	7.11	7.35	(10.1%)	
	9th/[561,592]	11.22	12.68	10.73	10.49	8.78	9.51	14.15	6.83	8.54	7.07	(9.8%)	
	10th/[592,780]	8.94	10.59	10.12	11.06	10.59	9.41	9.41	10.82	11.29	7.76	(10.2%)	

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

## QQ-Plot: Student Growth Percentiles

