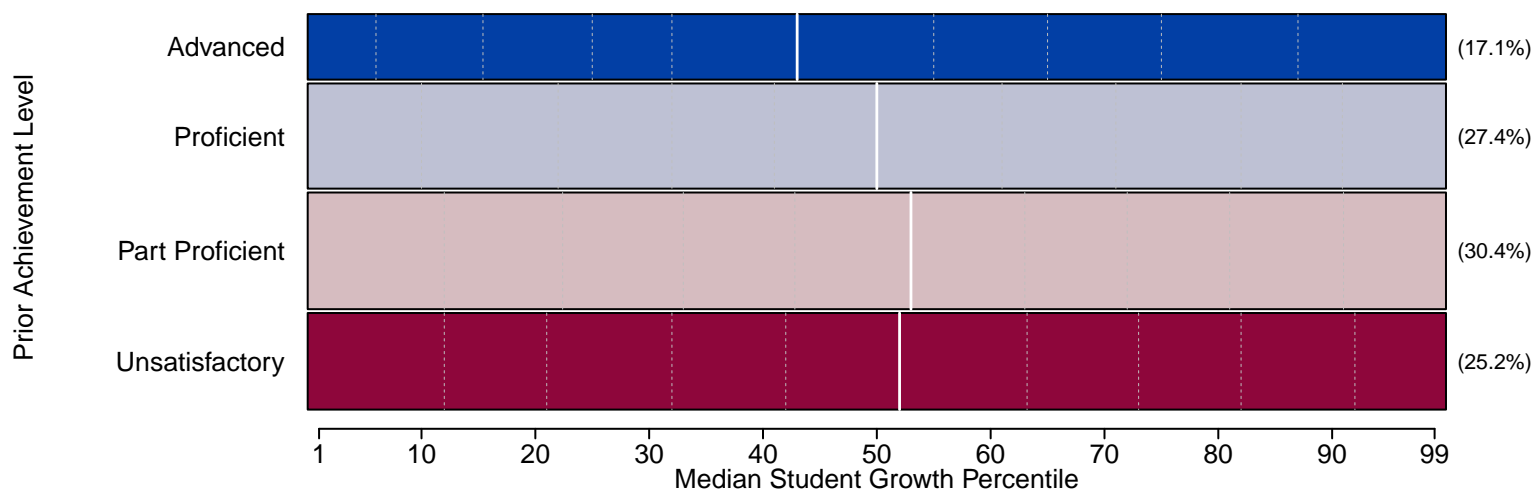


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX Ranked, Grade 10 (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:	[ 370 ]	30.3	15.2	21.2	27.3	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	N = 33
		(370,402]	22.2	5.6	27.8	11.1	11.1	11.1	5.6	5.6	0.0	0.0	0.0	0.0	N = 18
	Highest OSS:	[733,754]	0.0	0.0	3.8	0.0	0.0	3.8	3.8	15.4	19.2	15.4	11.5	26.9	N = 26
		[754,814]	0.0	0.0	0.0	0.0	7.7	3.8	7.7	7.7	3.8	15.4	23.1	30.8	N = 26

## Student Growth Percentile 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		
Prior Scale Score Decile/Range*	1st/[340,503]	6.00	10.07	9.59	9.59	11.51	9.83	7.67	10.55	13.67	11.51	(9.9%)	
	2nd/[503,536]	9.18	10.63	8.21	9.66	10.87	9.90	9.90	10.39	9.18	12.08	(9.8%)	
	3rd/[536,557]	7.46	12.19	9.20	9.45	10.70	10.45	9.70	9.45	9.20	12.19	(9.6%)	
	4th/[557,575]	9.74	8.08	9.74	8.55	11.16	9.03	11.16	11.40	9.26	11.88	(10%)	
	5th/[575,593]	7.38	7.83	10.51	8.95	11.63	8.50	12.75	8.95	11.19	12.30	(10.6%)	
	6th/[593,610]	8.59	9.31	9.55	11.93	9.31	9.55	8.83	9.31	12.41	11.22	(10%)	
	7th/[610,626]	8.85	6.88	7.62	12.04	10.57	10.07	10.57	11.79	10.07	11.55	(9.7%)	
	8th/[626,645]	9.84	9.84	12.41	8.43	7.73	10.30	8.43	8.67	12.41	11.94	(10.2%)	
	9th/[645,670]	12.41	11.48	9.60	11.48	9.13	9.37	10.30	9.84	9.37	7.03	(10.2%)	
	10th/[670,819]	15.06	9.65	12.71	8.24	9.41	11.06	7.76	10.35	6.12	9.65	(10.1%)	

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

## QQ-Plot: Student Growth Percentiles

