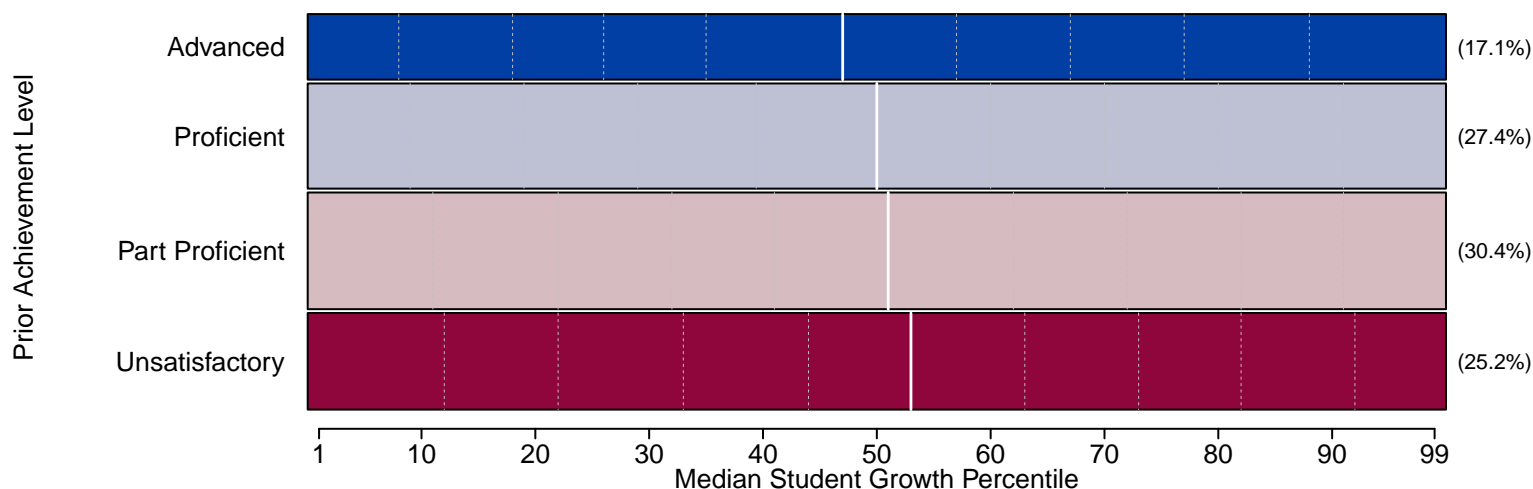


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX Ranked, Grade 10 (N = 4,206)

## SGP Deciles by Prior Achievement Level (Mathematics)



## Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)		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	
Lowest OSS:	[ 370 ]	33.3	9.1	18.2	30.3	6.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 33
	(370,402]	22.2	0.0	16.7	33.3	5.6	11.1	5.6	5.6	0.0	0.0	0.0	0.0	N = 18
Highest OSS:	[733,754]	3.8	0.0	0.0	3.8	0.0	0.0	3.8	19.2	11.5	19.2	15.4	23.1	N = 26
	[754,814]	3.8	3.8	3.8	0.0	0.0	3.8	11.5	7.7	3.8	11.5	26.9	23.1	N = 26

## 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/[340,503]	6.47	8.63	11.27	10.79	11.27	10.31	9.83	9.11	11.27	11.03	(9.9%)
2nd/[503,536]	9.42	8.94	9.18	7.25	9.66	10.39	11.35	10.87	10.63	12.32	(9.8%)
3rd/[536,557]	7.46	9.95	8.96	10.20	9.95	9.95	8.96	9.45	11.44	13.68	(9.6%)
4th/[557,575]	9.50	8.08	9.50	9.26	9.98	9.03	10.93	11.16	10.21	12.35	(10%)
5th/[575,593]	7.38	9.62	10.74	10.29	9.40	9.84	12.30	8.05	11.19	11.19	(10.6%)
6th/[593,610]	9.31	11.46	12.17	9.55	10.74	8.59	8.11	10.26	10.02	9.79	(10%)
7th/[610,626]	9.34	10.07	7.13	11.06	12.29	8.35	9.58	13.02	9.09	10.07	(9.7%)
8th/[626,645]	12.41	10.77	9.84	8.90	5.39	11.24	10.07	7.96	9.60	13.82	(10.2%)
9th/[645,670]	11.24	9.84	9.60	11.24	9.37	10.30	9.60	11.71	9.13	7.96	(10.2%)
10th/[670,819]	12.47	9.65	10.82	10.82	8.94	11.06	9.18	8.24	9.18	9.65	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

