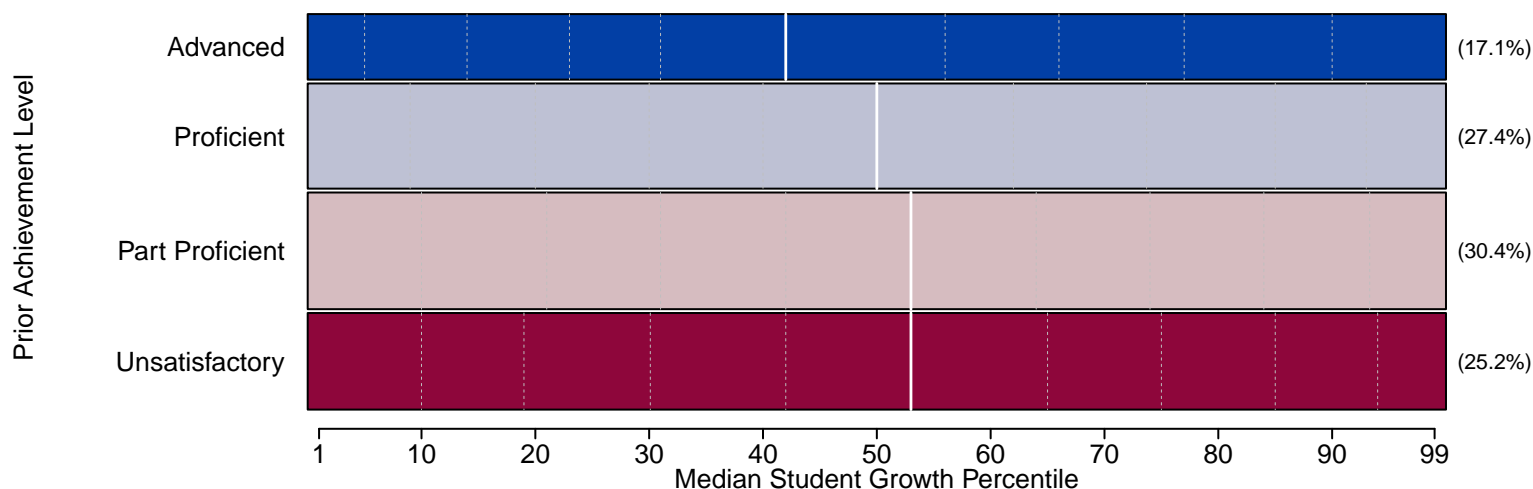


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, 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 ]	39.4	12.1	24.2	18.2	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	N = 33
	(370,402]	22.2	11.1	22.2	11.1	11.1	11.1	5.6	0.0	5.6	0.0	0.0	0.0	N = 18
Highest OSS:	[733,754]	0.0	3.8	0.0	0.0	0.0	3.8	3.8	11.5	19.2	11.5	15.4	30.8	N = 26
	[754,814]	0.0	0.0	0.0	0.0	7.7	0.0	11.5	3.8	7.7	15.4	7.7	46.2	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]		7.91	9.59	10.31	9.35	10.31	8.39	6.24	10.07	12.47	15.35	(9.9%)
2nd/[503,536]		10.39	11.35	7.73	8.94	10.63	8.45	9.42	8.94	9.42	14.73	(9.8%)
3rd/[536,557]		8.71	12.44	10.45	8.46	8.96	9.95	8.46	7.71	9.45	15.42	(9.6%)
4th/[557,575]		10.45	9.98	8.31	8.08	10.93	7.84	10.69	9.26	9.74	14.73	(10%)
5th/[575,593]		8.28	8.72	11.86	7.38	9.84	7.83	11.41	8.28	11.86	14.54	(10.6%)
6th/[593,610]		9.79	9.55	10.02	10.98	8.35	8.59	8.35	7.88	11.22	15.27	(10%)
7th/[610,626]		10.07	7.13	7.62	11.30	10.32	8.35	11.06	9.58	10.57	14.00	(9.7%)
8th/[626,645]		12.41	9.13	11.71	7.96	7.03	8.67	8.67	8.20	9.84	16.39	(10.2%)
9th/[645,670]		14.52	11.24	9.13	11.01	9.37	7.26	8.67	10.54	8.67	9.60	(10.2%)
10th/[670,819]		16.00	11.06	12.00	8.47	7.76	9.41	8.24	8.71	7.06	11.29	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

