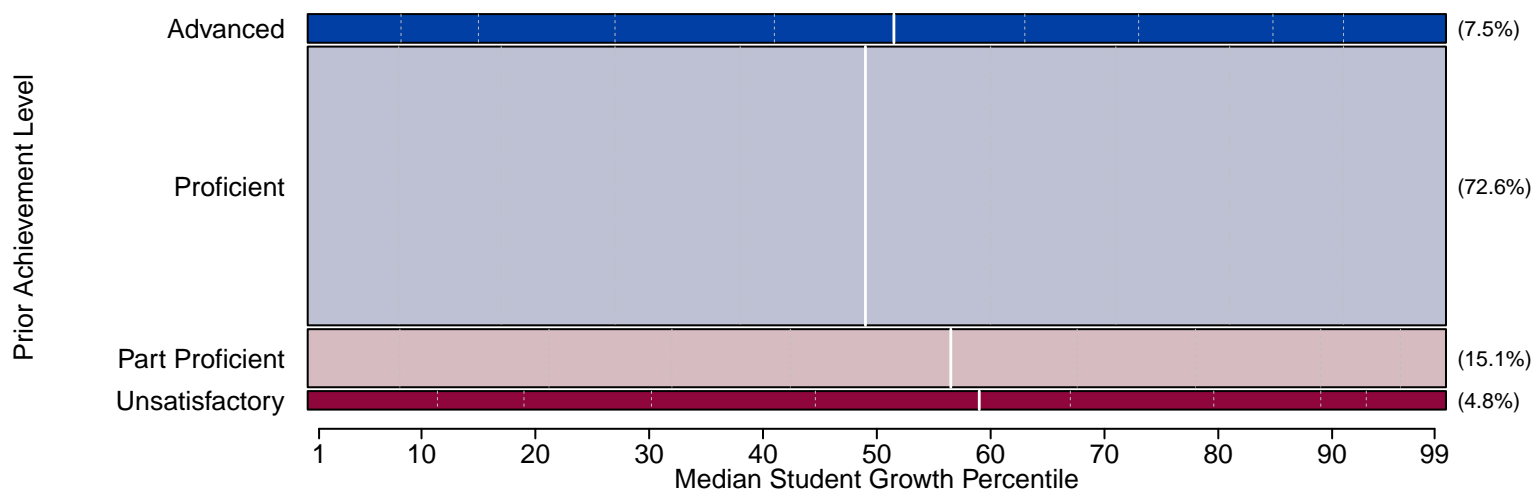


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Reading SGP SIMEX, Grade 4 (N = 4,046)

## SGP Deciles by Prior Achievement Level (Reading)



## 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:	[180,410]	62.5	12.5	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24
		[410,445]	37.0	3.7	18.5	14.8	18.5	0.0	7.4	0.0	0.0	0.0	0.0	N = 27
	Highest OSS:	[713,728]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	40.0	52.0	N = 25
		[728,791]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	92.0	N = 25

## Student Growth Percentile Range

Prior 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/[150,496]	10.28	9.27	8.77	8.27	7.77	7.52	11.28	6.77	10.78	19.30	(9.9%)
2nd/[496,526]	11.03	8.09	9.80	7.35	9.31	8.58	7.11	10.05	9.80	18.87	(10.1%)
3rd/[526,545]	12.41	10.63	8.86	9.87	8.35	9.37	6.33	7.85	11.14	15.19	(9.8%)
4th/[545,561]	11.30	9.83	10.32	7.37	8.60	7.13	9.58	8.85	14.25	12.78	(10.1%)
5th/[561,576]	11.53	9.02	11.28	7.02	10.03	9.52	9.02	10.03	9.27	13.28	(9.9%)
6th/[576,590]	11.22	10.24	10.24	11.71	5.37	12.68	8.54	8.78	10.73	10.49	(10.1%)
7th/[590,603]	10.28	11.31	8.23	10.80	10.03	6.17	11.31	10.03	10.03	11.83	(9.6%)
8th/[603,620]	11.89	12.82	11.19	8.86	10.49	8.39	7.93	7.93	7.69	12.82	(10.6%)
9th/[620,645]	12.24	12.76	10.46	6.12	10.20	9.69	9.18	11.73	7.91	9.69	(9.7%)
10th/[645,795]	8.85	11.96	9.57	9.09	6.94	10.29	11.24	10.77	7.89	13.40	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

