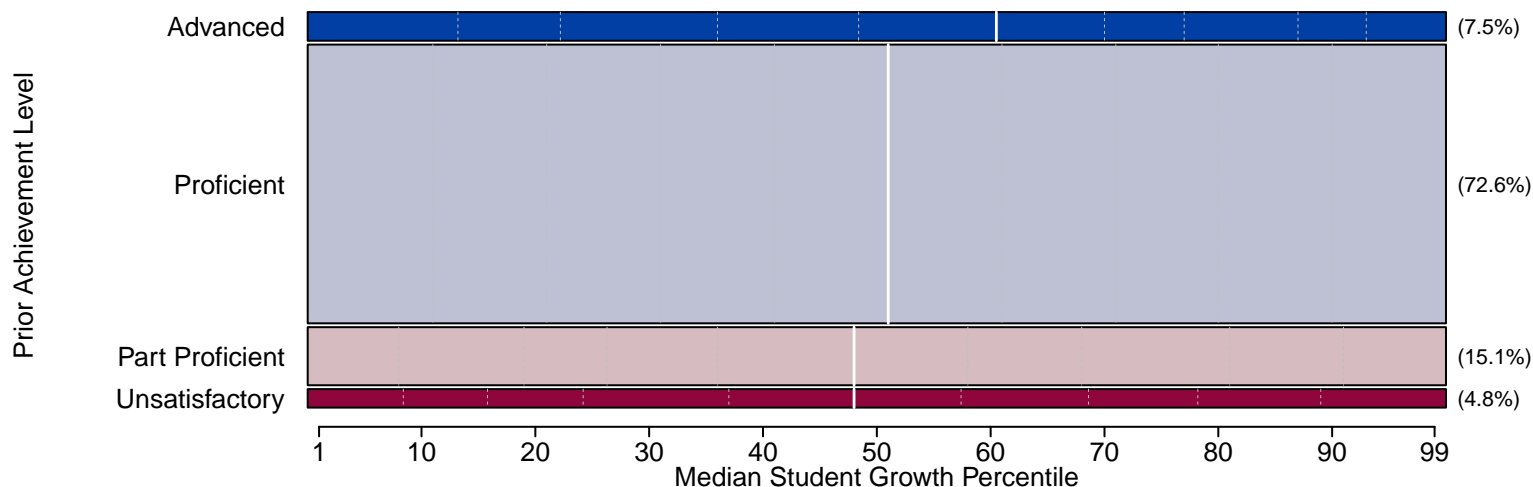


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Reading SGP, 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]	54.2	25.0	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24
		[410,445]	37.0	3.7	29.6	14.8	7.4	3.7	0.0	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	4.0	40.0	56.0	N = 25
		[728,791]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	N = 25

## 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/[150,496]	11.78	11.03	11.03	9.52	8.77	10.53	8.02	10.28	8.27	10.78	(9.9%)
	2nd/[496,526]	12.01	9.56	10.78	11.52	7.35	8.82	10.54	7.11	11.03	11.27	(10.1%)
	3rd/[526,545]	11.39	12.15	11.65	10.63	8.61	8.61	8.61	9.37	8.35	10.63	(9.8%)
	4th/[545,561]	9.09	10.57	11.55	9.09	8.85	9.09	9.09	10.57	14.50	7.62	(10.1%)
	5th/[561,576]	10.53	9.02	10.03	9.02	10.78	9.52	9.52	9.77	11.53	10.28	(9.9%)
	6th/[576,590]	8.05	10.73	8.78	11.71	8.78	12.93	9.27	8.78	11.71	9.27	(10.1%)
	7th/[590,603]	7.20	9.51	9.51	9.51	11.31	7.97	11.31	12.60	9.77	11.31	(9.6%)
	8th/[603,620]	8.39	9.56	10.72	10.26	9.56	12.12	8.62	8.86	8.39	13.52	(10.6%)
	9th/[620,645]	7.14	11.22	9.44	9.44	6.63	13.01	9.69	12.76	9.18	11.48	(9.7%)
	10th/[645,795]	6.46	7.18	9.09	9.09	8.85	9.81	10.53	12.92	11.48	14.59	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

