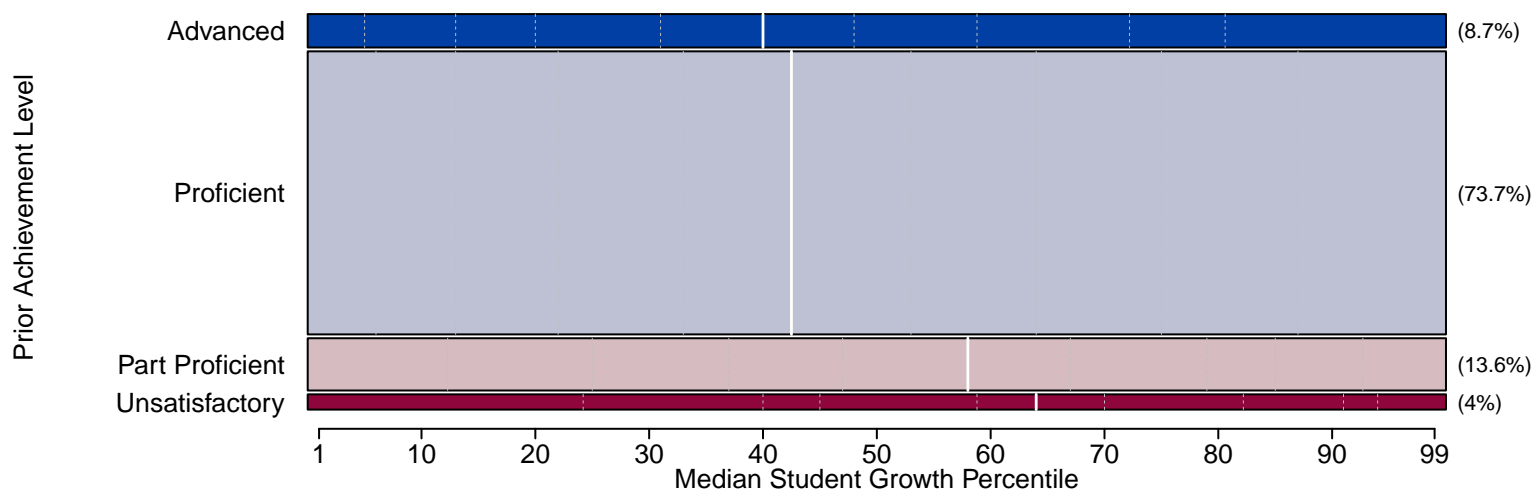


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Reading SGP SIMEX, Grade 4 (N = 3,850)

## 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:	[180,454]	44.0	4.0	8.0	24.0	8.0	12.0	0.0	0.0	0.0	0.0	0.0	N = 25
		[454,478]	36.0	4.0	12.0	0.0	12.0	12.0	8.0	12.0	4.0	0.0	0.0	N = 25
	Highest OSS:	[694,707]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.6	30.8	19.2	15.4	N = 26
		[707,772]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	22.2	18.5	51.9	N = 27

## 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/[150,504]	5.19	6.49	7.27	7.79	11.43	8.05	13.25	10.65	11.43	18.44	(10%)
	2nd/[504,530]	8.72	8.45	10.63	6.27	9.81	10.35	9.26	9.81	12.53	14.17	(9.5%)
	3rd/[530,546]	10.03	9.51	10.28	6.94	7.71	13.62	8.48	8.48	13.37	11.57	(10.1%)
	4th/[546,561]	12.69	9.84	10.10	9.59	8.03	10.36	6.22	13.73	6.99	12.44	(10%)
	5th/[561,575]	12.40	10.51	12.13	9.43	7.28	7.55	13.48	11.32	4.85	11.05	(9.6%)
	6th/[575,589]	14.72	11.17	7.36	11.68	10.91	8.12	12.18	8.38	7.61	7.87	(10.2%)
	7th/[589,605]	16.15	13.33	11.28	8.46	12.31	9.23	8.21	8.72	5.90	6.41	(10.1%)
	8th/[605,623]	20.73	13.39	9.97	10.24	8.66	9.45	6.82	7.09	7.87	5.77	(9.9%)
	9th/[623,651]	16.71	13.97	12.22	13.72	7.48	10.72	8.98	5.49	7.48	3.24	(10.4%)
	10th/[651,795]	16.32	13.99	10.36	11.92	10.36	9.33	8.29	9.33	6.22	3.89	(10%)

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

## QQ-Plot: Student Growth Percentiles

