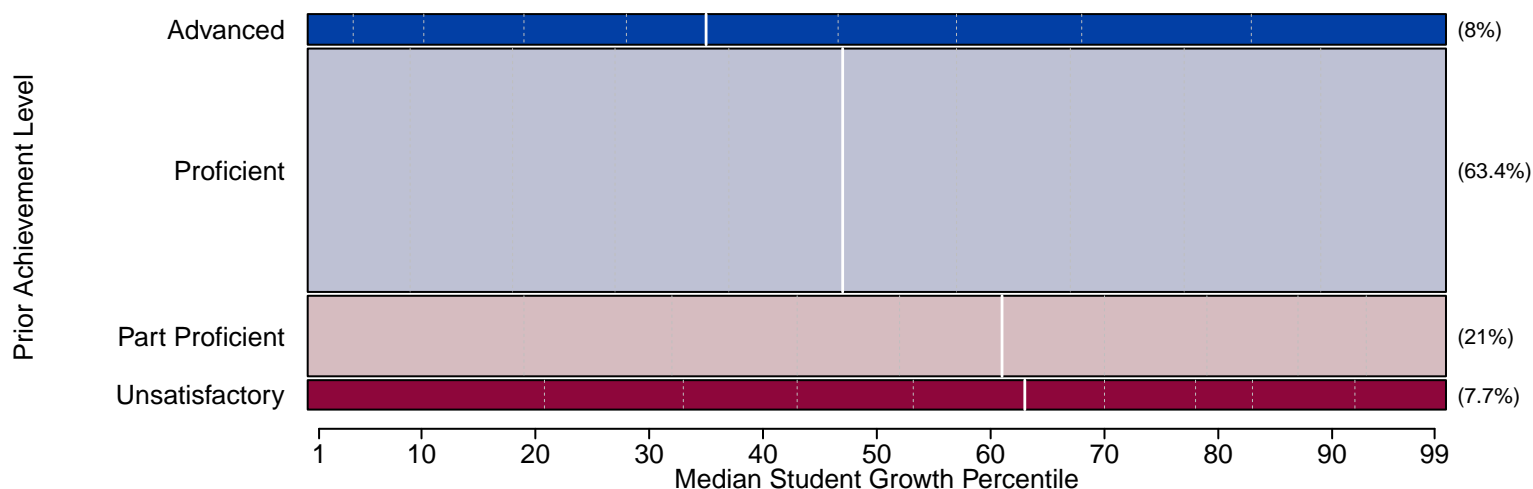


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Reading SGP SIMEX Ranked, Grade 5 (N = 4,162)

## SGP Deciles by Prior Achievement Level (Reading)



## 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:	[220,428]	20.0	12.0	40.0	0.0	12.0	4.0	12.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[428,468]	24.0	0.0	12.0	20.0	8.0	16.0	8.0	8.0	4.0	0.0	0.0	0.0	N = 25
Highest OSS:	[748,766]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	11.5	26.9	7.7	46.2	N = 26
	[766,827]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	15.4	19.2	57.7	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/[180,527]	3.91	5.87	7.33	9.78	9.54	9.78	13.45	14.18	13.94	12.22	(9.8%)
2nd/[527,556]	4.60	5.08	7.99	8.96	10.90	12.11	10.41	12.59	12.35	15.01	(9.9%)
3rd/[556,574]	6.13	6.62	4.17	8.82	13.48	9.07	10.29	9.56	15.93	15.93	(9.8%)
4th/[574,589]	5.08	7.51	11.14	9.69	10.90	9.44	10.17	10.90	9.93	15.25	(9.9%)
5th/[589,603]	5.56	9.95	11.34	12.73	8.80	10.19	7.87	11.11	10.42	12.04	(10.4%)
6th/[603,616]	11.68	9.98	10.71	10.46	10.71	10.46	9.25	10.46	10.22	6.08	(9.9%)
7th/[616,629]	8.71	12.19	9.45	9.45	11.19	11.19	7.46	11.44	10.20	8.71	(9.7%)
8th/[629,645]	15.47	13.86	10.16	9.47	8.55	7.85	10.85	10.16	6.00	7.62	(10.4%)
9th/[645,665]	14.15	15.11	10.79	10.07	9.83	10.79	11.27	5.52	8.15	4.32	(10%)
10th/[665,762]	18.16	11.79	12.97	10.61	7.31	11.08	8.49	6.60	6.13	6.84	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

