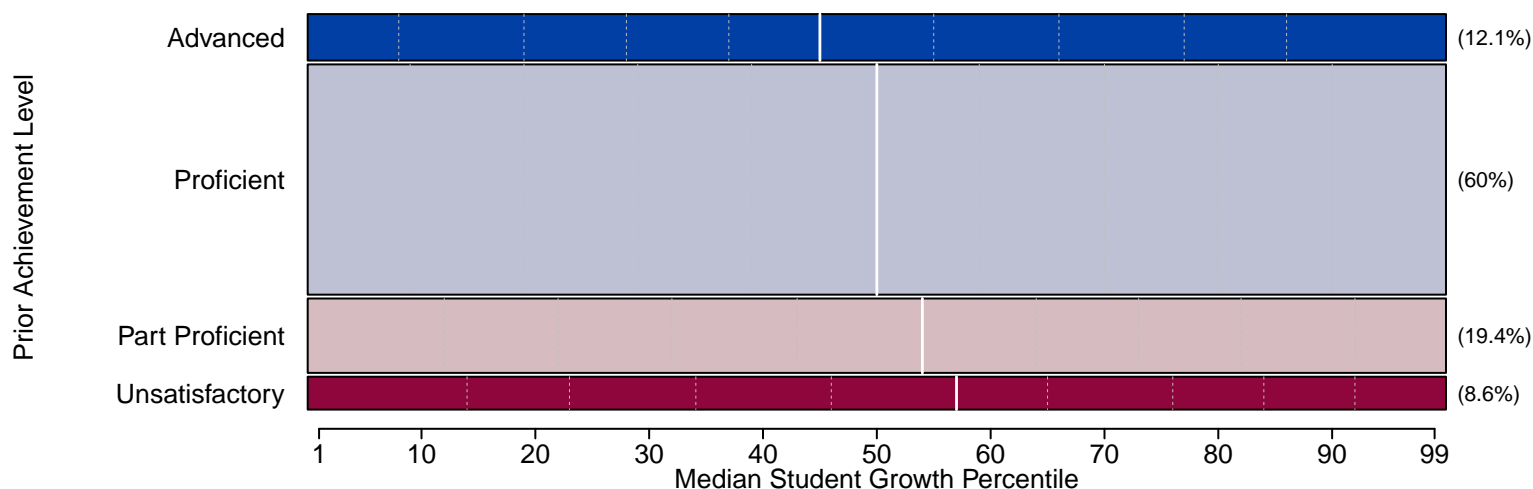


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Reading SGP SIMEX Ranked, Grade 8 (N = 4,064)

## 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:	[330,498]	36.0	20.0	24.0	8.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0	N = 25
		[498,515]	24.0	8.0	32.0	16.0	8.0	4.0	8.0	0.0	0.0	0.0	0.0	N = 25
	Highest OSS:	[777,792]	0.0	0.0	0.0	7.7	3.8	11.5	7.7	0.0	19.2	3.8	11.5	N = 26
		[792,883]	0.0	0.0	0.0	3.7	0.0	11.1	0.0	11.1	3.7	33.3	7.4	N = 27

## 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/[300,574]	5.75	10.50	9.00	9.75	9.50	10.00	9.75	9.25	11.25	15.25	(9.8%)
2nd/[574,604]	7.26	10.17	9.20	8.96	10.17	9.69	8.72	11.14	11.38	13.32	(10.2%)
3rd/[604,624]	9.00	9.50	9.25	10.00	7.50	11.50	10.25	11.50	8.50	13.00	(9.8%)
4th/[624,639]	8.10	10.13	10.13	11.65	9.37	11.39	7.09	11.14	11.90	9.11	(9.7%)
5th/[639,654]	9.55	11.22	10.02	8.11	10.02	7.88	11.22	12.17	10.50	9.31	(10.3%)
6th/[654,669]	8.33	11.76	10.54	10.05	10.78	10.29	8.58	10.29	8.58	10.78	(10%)
7th/[669,684]	10.74	7.93	8.70	11.25	9.21	9.97	11.00	10.49	9.97	10.74	(9.6%)
8th/[684,699]	10.68	9.71	11.17	9.22	9.71	9.95	11.65	6.80	10.92	10.19	(10.1%)
9th/[699,721]	13.37	11.22	10.74	8.59	8.83	12.41	8.83	9.07	7.16	9.79	(10.3%)
10th/[721,897]	12.29	9.34	11.06	10.81	10.81	8.85	9.58	9.58	10.07	7.62	(10%)

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

## QQ-Plot: Student Growth Percentiles

