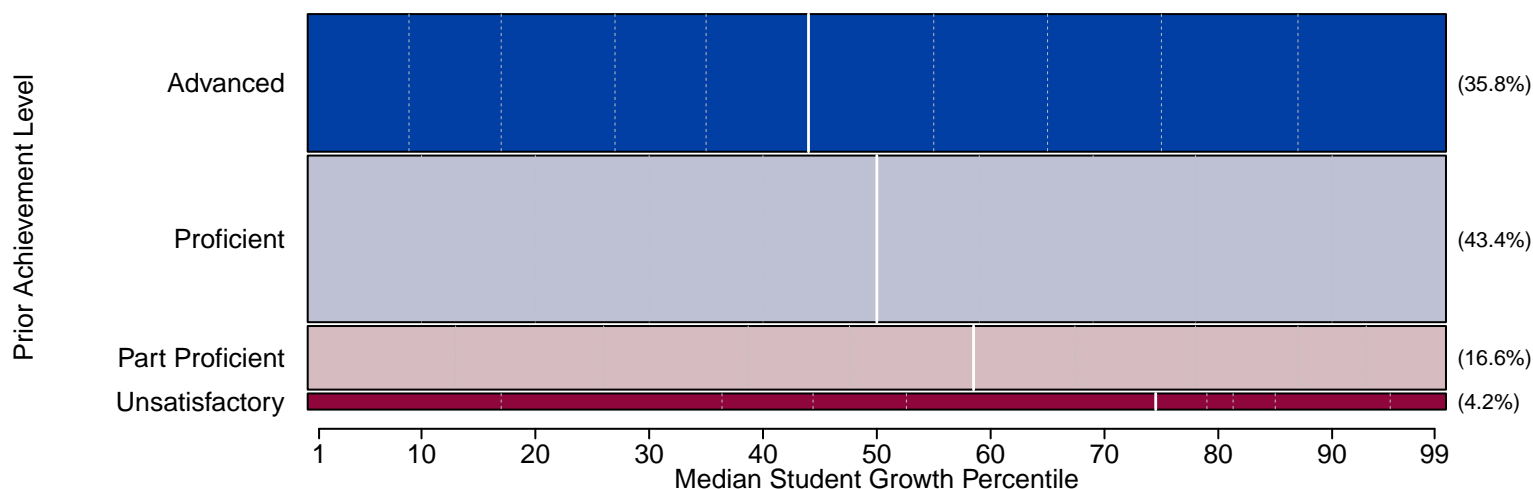


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX Ranked, Grade 4 (N = 4,045)

## SGP Deciles by Prior Achievement Level (Mathematics)



## 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:	[213,300]	36.0	8.0	8.0	12.0	12.0	12.0	0.0	0.0	4.0	8.0	0.0	0.0	N = 25
	[300,325]	24.0	16.0	12.0	8.0	0.0	4.0	8.0	4.0	20.0	4.0	0.0	0.0	N = 25
Highest OSS:	[682,704]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	32.0	48.0	N = 25
	[704,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	92.3	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/[150,379]	5.22	7.71	7.96	4.98	13.43	6.72	7.71	13.43	17.91	14.93	(9.9%)
2nd/[379,417]	8.64	7.41	8.40	7.65	9.63	9.38	11.60	8.15	13.09	16.05	(10%)
3rd/[417,443]	6.25	11.50	9.75	9.50	8.25	13.00	12.25	7.50	10.25	11.75	(9.9%)
4th/[443,463]	11.59	7.05	10.08	11.08	10.33	10.33	7.56	11.34	8.06	12.59	(9.8%)
5th/[463,483]	8.65	9.13	11.54	7.93	11.30	9.62	10.58	11.30	10.10	9.86	(10.3%)
6th/[483,501]	11.90	9.37	10.63	10.13	9.37	10.13	11.90	8.86	7.59	10.13	(9.8%)
7th/[501,522]	11.19	11.68	10.22	11.44	9.00	12.17	7.30	10.46	9.00	7.54	(10.2%)
8th/[522,547]	9.83	11.30	9.58	13.51	9.34	9.09	9.83	11.06	7.86	8.60	(10.1%)
9th/[547,590]	10.05	10.55	11.56	11.56	10.30	10.55	10.55	10.05	8.29	6.53	(9.8%)
10th/[590,700]	11.84	13.53	10.63	12.32	8.70	9.42	9.90	8.70	7.73	7.25	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

