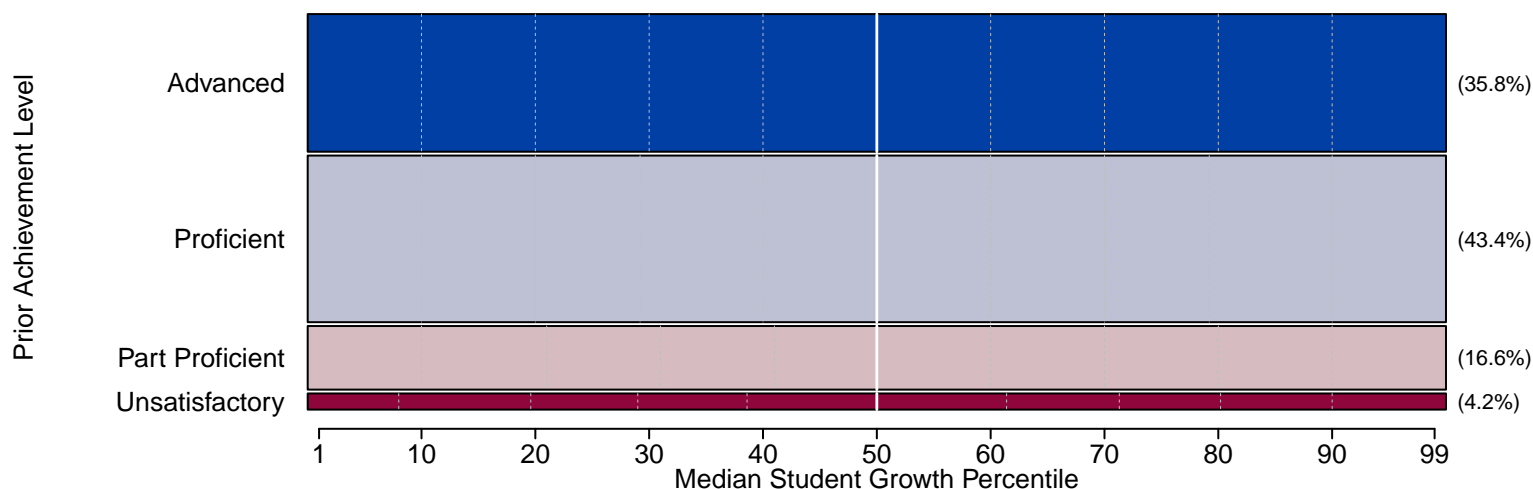


# Student Growth Percentile Goodness-of-Fit Descriptives

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

## SGP Deciles by Prior Achievement Level (Mathematics)



## 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:	[213,300]	48.0	12.0	20.0	16.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	N = 25	
		[300,325]	40.0	8.0	12.0	4.0	12.0	16.0	4.0	0.0	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	0.0	0.0	N = 25	
		[704,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 26	

## 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/[150,379]	9.70	10.70	9.45	11.19	10.45	9.70	8.46	9.70	10.20	10.45	(9.9%)	
	2nd/[379,417]	9.88	8.89	10.12	9.14	10.12	8.89	12.35	9.63	10.37	10.62	(10%)	
	3rd/[417,443]	8.50	11.25	11.50	8.75	8.50	13.25	10.00	10.25	9.50	8.50	(9.9%)	
	4th/[443,463]	11.08	10.08	7.30	12.34	10.83	7.81	9.82	10.58	8.82	11.34	(9.8%)	
	5th/[463,483]	8.41	9.38	11.54	8.65	9.86	9.38	9.86	10.10	12.02	10.82	(10.3%)	
	6th/[483,501]	10.38	9.11	10.38	9.87	10.13	9.62	11.14	9.37	8.86	11.14	(9.8%)	
	7th/[501,522]	9.98	10.95	10.22	9.98	8.27	12.65	8.27	9.73	9.98	9.98	(10.2%)	
	8th/[522,547]	9.34	10.57	8.60	11.79	9.58	8.35	10.57	10.32	10.32	10.57	(10.1%)	
	9th/[547,590]	9.55	8.54	11.06	8.54	12.31	9.30	10.55	9.55	10.30	10.30	(9.8%)	
	10th/[590,700]	9.18	10.63	10.39	10.39	8.70	10.87	9.66	10.39	9.66	10.14	(10.2%)	

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

## QQ-Plot: Student Growth Percentiles

