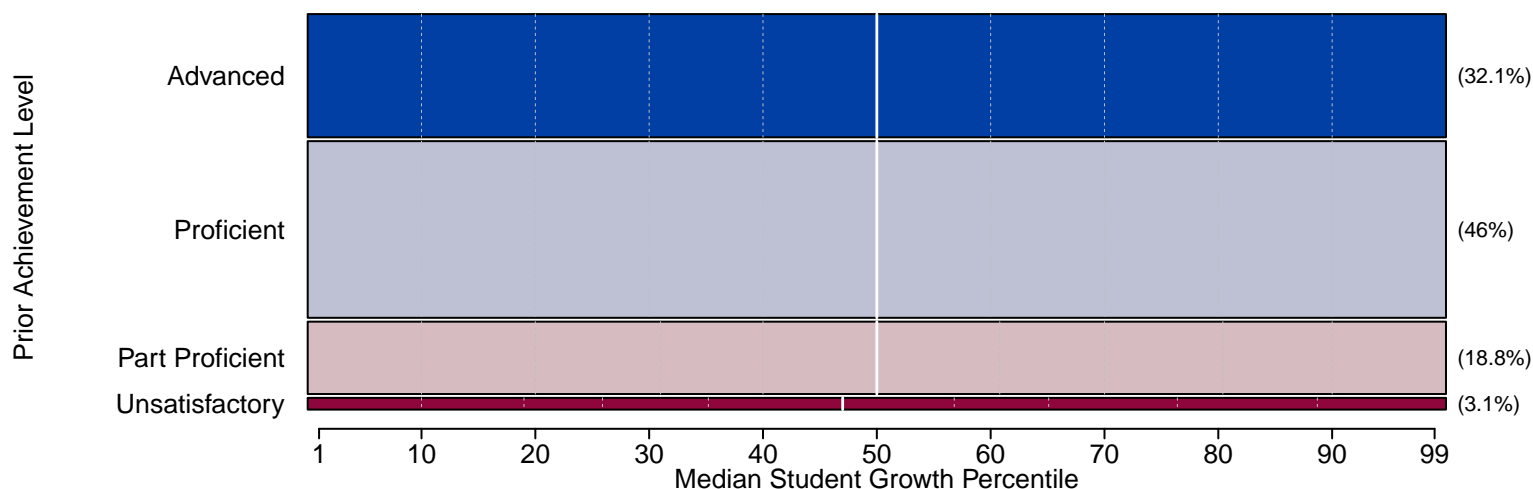


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP, Grade 4 (N = 4,054)

## 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:	[191,311]	57.7	11.5	23.1	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	N = 26	
		[311,334]	33.3	22.2	11.1	14.8	11.1	7.4	0.0	0.0	0.0	0.0	0.0	N = 27	
	Highest OSS:	[684,721]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	14.3	57.1	N = 21	
		[721,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	86.2	N = 29	

## 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/[150,381]	9.16	9.41	10.64	9.90	10.40	9.90	9.90	9.16	10.89	10.64	(10%)
	2nd/[381,414]	10.64	11.39	8.42	10.89	8.42	9.90	9.90	11.88	9.16	9.41	(10%)
	3rd/[414,437]	8.14	8.91	10.94	9.67	11.20	12.21	10.69	8.14	10.18	9.92	(9.7%)
	4th/[437,457]	11.40	9.74	9.74	9.26	9.50	8.08	10.69	10.69	10.21	10.69	(10.4%)
	5th/[457,476]	7.39	11.35	10.55	10.55	11.87	11.08	6.33	9.76	9.50	11.61	(9.3%)
	6th/[476,495]	10.26	9.55	10.74	10.26	9.07	7.64	10.98	11.22	10.26	10.02	(10.3%)
	7th/[495,515]	9.88	9.16	8.43	9.16	8.92	11.81	12.29	9.16	10.12	11.08	(10.2%)
	8th/[515,538]	9.64	9.64	10.15	10.91	10.91	10.91	9.39	9.39	9.64	9.39	(9.7%)
	9th/[538,576]	9.54	11.00	10.27	9.78	10.27	9.54	9.29	10.76	9.54	10.02	(10.1%)
	10th/[576,700]	9.62	9.86	10.82	9.38	9.86	9.38	9.86	9.62	10.58	11.06	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

