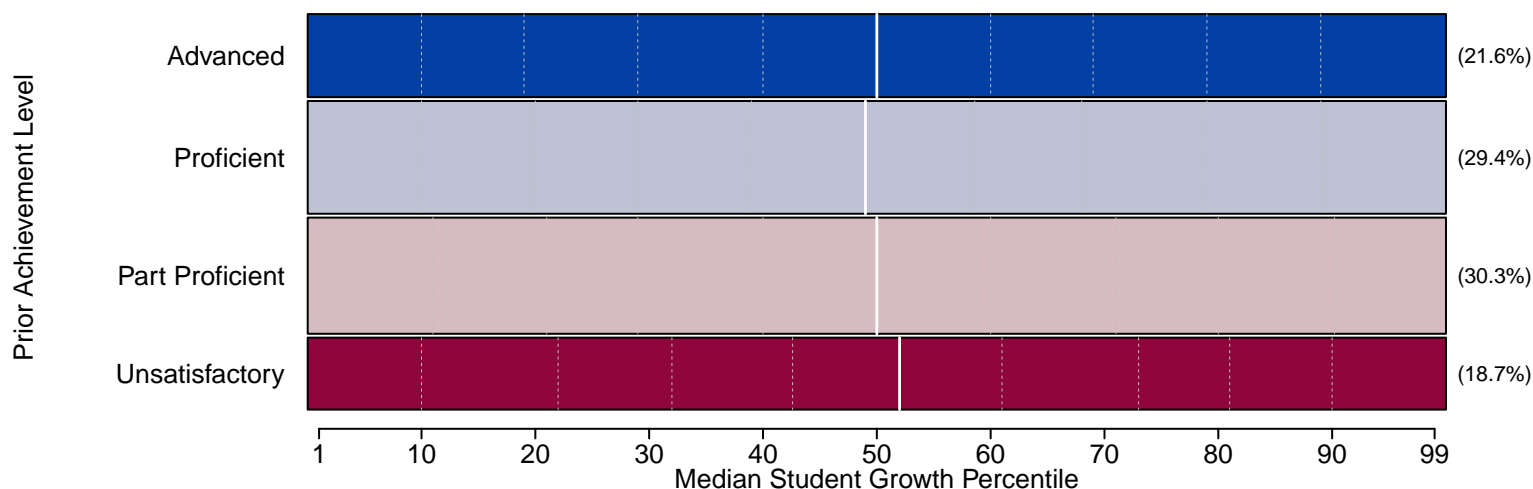


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP, Grade 9 (N = 4,161)

## 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:	[ 340 ]	62.5	12.5	12.5	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 32
	(340,376]	55.6	5.6	33.3	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	N = 18
Highest OSS:	[722,735]	0.0	0.0	0.0	0.0	0.0	4.0	16.0	20.0	12.0	20.0	12.0	16.0	N = 25
	[735,811]	0.0	0.0	3.2	3.2	0.0	0.0	3.2	6.5	0.0	22.6	19.4	41.9	N = 31

## 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/[310,490]	8.29	10.00	9.76	9.27	11.71	8.78	7.56	10.98	12.93	10.73	(9.9%)
2nd/[490,524]	8.92	8.43	9.40	8.92	12.05	11.81	9.16	12.53	7.71	11.08	(10%)
3rd/[524,545]	8.66	9.65	9.90	10.40	9.65	10.64	7.92	11.63	8.66	12.87	(9.7%)
4th/[545,563]	9.41	9.88	12.94	9.41	9.18	7.06	10.82	12.24	11.29	7.76	(10.2%)
5th/[563,578]	8.52	12.41	8.52	9.25	9.25	13.14	9.49	9.00	8.52	11.92	(9.9%)
6th/[578,594]	9.91	10.38	8.73	10.14	11.08	11.56	9.43	8.25	10.14	10.38	(10.2%)
7th/[594,611]	10.59	9.36	12.56	8.37	9.61	10.34	9.11	10.59	8.87	10.59	(9.8%)
8th/[611,630]	8.98	8.50	12.38	10.92	9.95	9.71	11.65	10.68	8.50	8.74	(9.9%)
9th/[630,660]	9.05	10.90	10.90	9.05	10.21	8.82	13.23	9.51	9.28	9.05	(10.4%)
10th/[660,890]	9.93	10.87	9.22	9.46	9.46	11.35	9.46	8.75	11.82	9.69	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

