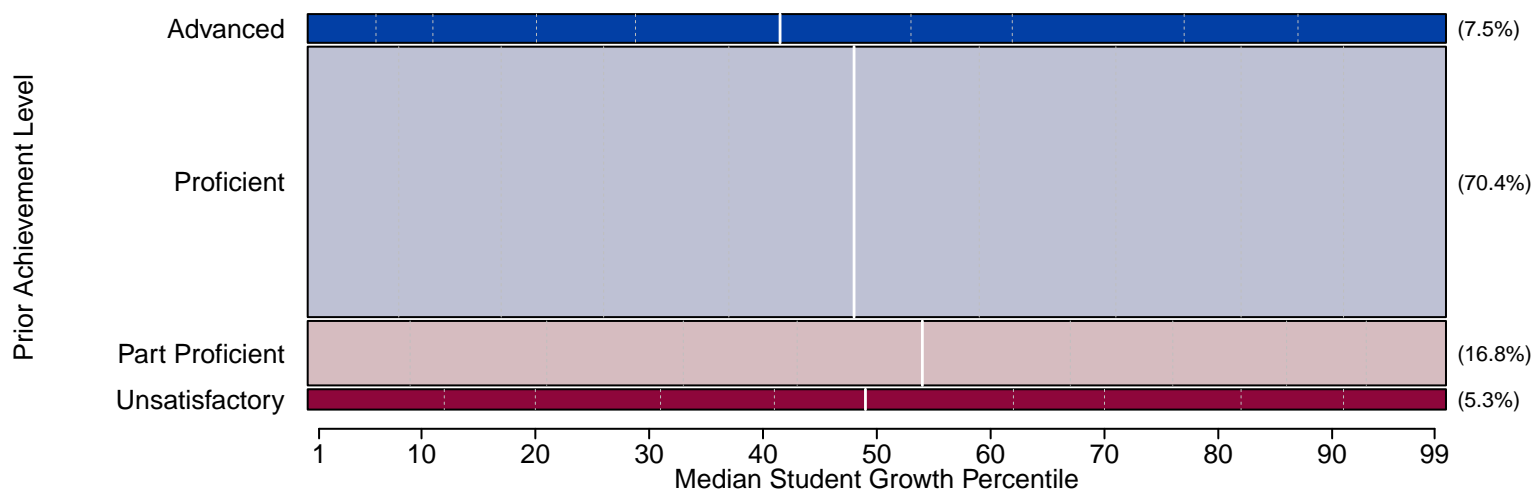


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Reading SGP SIMEX, Grade 10 (N = 3,980)

## 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:	[370,541]	54.2	20.8	20.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24
		[541,558]	23.1	3.8	26.9	15.4	15.4	11.5	0.0	0.0	3.8	0.0	0.0	N = 26
	Highest OSS:	[787,794]	0.0	0.0	0.0	0.0	8.0	4.0	4.0	0.0	12.0	20.0	24.0	N = 25
		[794,881]	0.0	0.0	0.0	0.0	3.8	0.0	3.8	0.0	7.7	23.1	23.1	N = 26

## Student Growth Percentile 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	
Prior Scale Score Decile/Range *	1st/[350,613]	10.86	11.87	9.09	9.85	9.85	6.06	10.61	11.11	7.58	13.13	(9.9%)
	2nd/[613,637]	9.74	7.63	6.84	9.74	7.89	9.21	6.32	10.53	11.84	20.26	(9.5%)
	3rd/[637,653]	8.98	9.73	10.97	8.73	10.72	9.73	7.48	11.72	8.48	13.47	(10.1%)
	4th/[653,667]	10.23	11.25	13.04	7.42	9.72	9.46	7.16	9.97	10.49	11.25	(9.8%)
	5th/[667,678]	13.74	11.14	9.00	8.06	8.77	7.35	8.53	8.06	11.14	14.22	(10.6%)
	6th/[678,691]	12.88	9.60	9.34	9.09	12.37	9.60	6.31	9.60	7.07	14.14	(9.9%)
	7th/[691,702]	13.44	10.59	8.01	8.01	8.79	9.82	8.01	10.59	8.53	14.21	(9.7%)
	8th/[702,715]	13.38	11.11	11.36	9.60	10.61	7.32	8.59	9.85	9.85	8.33	(9.9%)
	9th/[715,732]	13.15	10.92	8.19	10.42	7.69	9.43	8.19	11.17	9.43	11.41	(10.1%)
	10th/[732,830]	15.93	12.50	10.78	9.31	8.09	10.29	7.60	7.84	9.56	8.09	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

