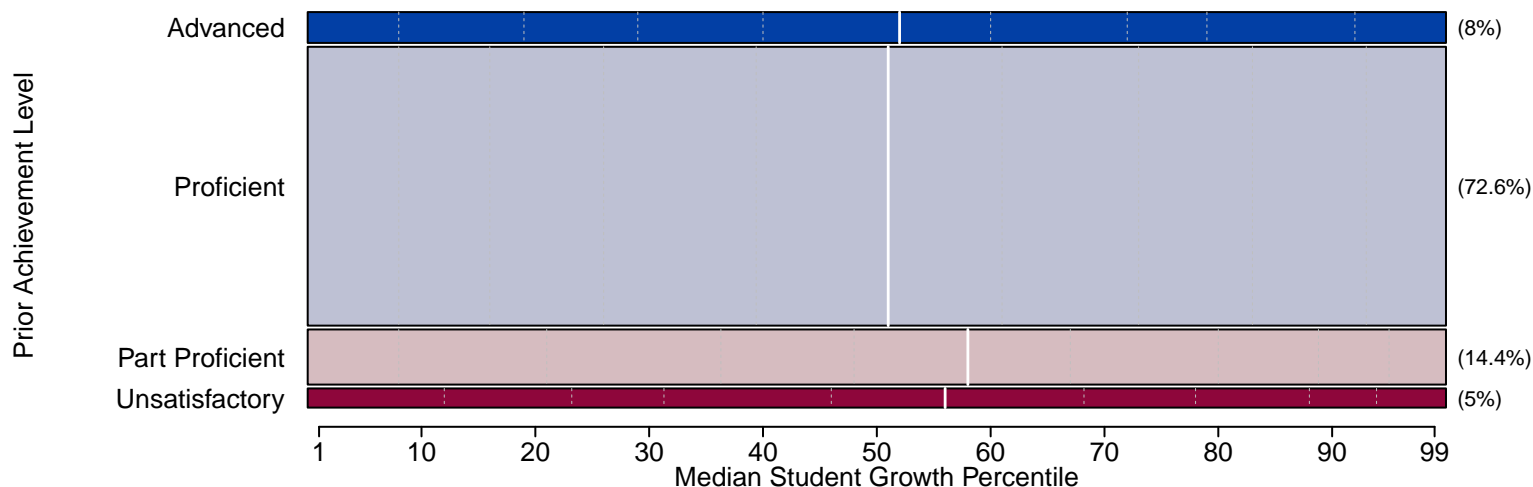


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Reading SGP SIMEX, Grade 4 (N = 3,845)

## SGP Deciles by Prior Achievement Level (Reading)



## 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:	[180,412]	48.0	4.0	32.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[412,450]	24.0	8.0	24.0	16.0	12.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0	N = 25
Highest OSS:	[710,719]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	17.9	71.4	N = 28
	[719,762]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	79.3	N = 29

## Student Growth Percentile Range

Prior Scale Score Decile/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/[150,493]	8.90	8.90	9.42	6.02	8.90	10.73	8.64	9.16	10.21	19.11	(9.9%)
	2nd/[493,526]	11.60	6.91	6.35	8.56	7.73	10.22	8.56	9.67	12.43	17.96	(9.4%)
	3rd/[526,544]	9.60	10.86	10.61	7.58	8.33	10.61	6.82	7.58	12.88	15.15	(10.3%)
	4th/[544,560]	12.30	8.12	10.99	8.12	6.54	11.78	8.38	10.21	9.95	13.61	(9.9%)
	5th/[560,575]	15.11	10.58	8.82	7.05	8.31	9.07	9.57	8.82	8.82	13.85	(10.3%)
	6th/[575,588]	12.84	11.20	9.84	6.01	8.74	8.74	7.92	10.11	11.20	13.39	(9.5%)
	7th/[588,604]	13.12	10.15	9.41	8.17	8.91	7.18	8.66	9.41	9.90	15.10	(10.5%)
	8th/[604,622]	13.46	11.61	8.18	8.97	8.18	11.35	6.60	8.97	10.55	12.14	(9.9%)
	9th/[622,649]	12.50	10.20	10.97	5.61	8.16	11.48	8.93	8.16	10.46	13.52	(10.2%)
	10th/[649,795]	11.17	8.83	9.35	7.27	9.09	12.99	8.57	12.21	8.05	12.47	(10%)

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

## QQ-Plot: Student Growth Percentiles

