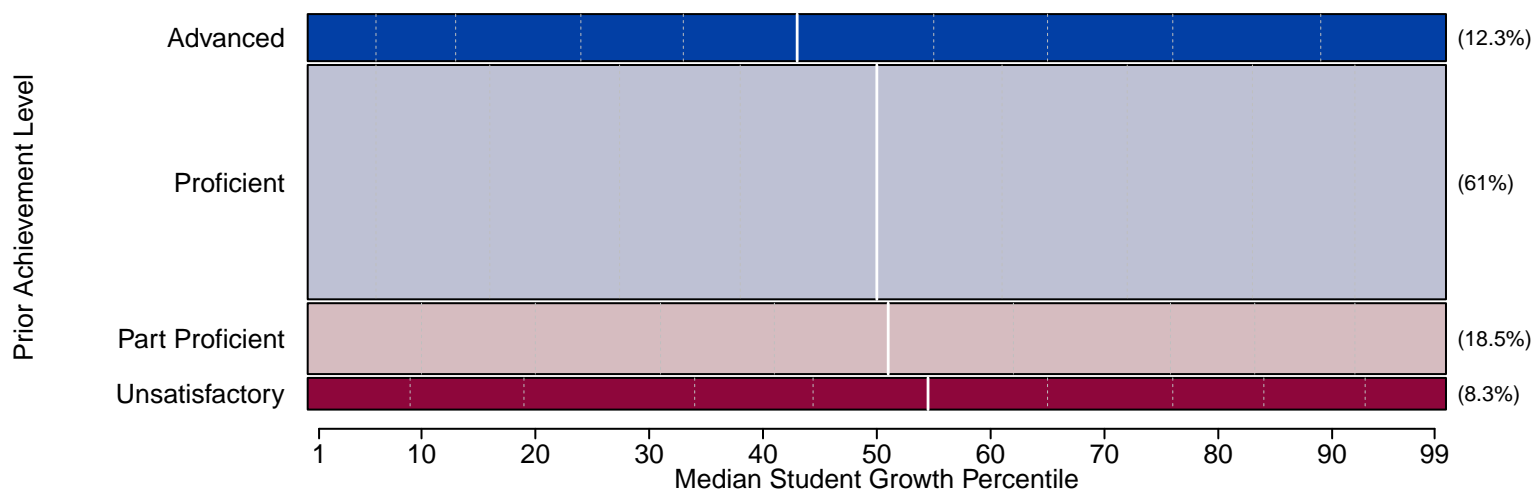# Student Growth Percentile Goodness–of–Fit Descriptives

2014–2015 Reading SGP SIMEX, Grade 9 (N = 4,144)

SGP Deciles by Prior Achievement Level (Reading)

Prior Achievement Level	
Advanced	(12.3%)
Proficient	(61%)
Part Proficient	(18.5%)
Unsatisfactory	(8.3%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

Ceiling / Floor Effects Test

Student Growth Percentile Range

Current Observed Score Extremes (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:	[350,526]	60.9	4.3	30.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 23
	[526,543]	32.1	14.3	21.4	3.6	10.7	17.9	0.0	0.0	0.0	0.0	0.0	0.0	N = 28
Highest OSS:	[760,769]	4.2	0.0	0.0	4.2	0.0	0.0	4.2	20.8	4.2	16.7	25.0	20.8	N = 24
	[769,813]	0.0	0.0	0.0	11.1	0.0	0.0	3.7	0.0	0.0	14.8	14.8	55.6	N = 27

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/[330,587)	10.19	8.74	7.28	8.25	9.95	10.44	9.95	10.44	10.44	14.32	(9.9%)
2nd/[587,619)	8.72	11.38	8.72	10.17	8.96	8.72	8.72	8.96	11.14	14.53	(10%)
3rd/[619,637)	10.25	8.00	10.75	8.25	9.50	11.00	10.75	7.50	10.50	13.50	(9.7%)
4th/[637,654)	11.83	7.89	8.82	9.98	8.58	9.28	10.90	8.58	10.67	13.46	(10.4%)
5th/[654,668)	13.33	9.38	7.16	8.15	8.89	9.38	7.65	8.64	13.33	14.07	(9.8%)
6th/[668,679)	11.56	9.05	8.79	9.05	10.55	9.80	8.29	10.30	10.30	12.31	(9.6%)
7th/[679,692)	12.56	12.56	9.90	8.21	7.25	10.14	7.49	10.14	7.73	14.01	(10%)
8th/[692,708)	13.96	11.21	10.30	10.98	6.64	9.61	7.55	8.92	9.38	11.44	(10.5%)
9th/[708,729)	14.88	11.22	9.02	8.29	8.54	8.78	9.27	8.78	8.78	12.44	(9.9%)
10th/[729,870)	13.92	15.09	9.43	9.43	8.73	8.25	10.38	7.08	8.49	9.20	(10.2%)

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

QQ–Plot: Student Growth Percentiles