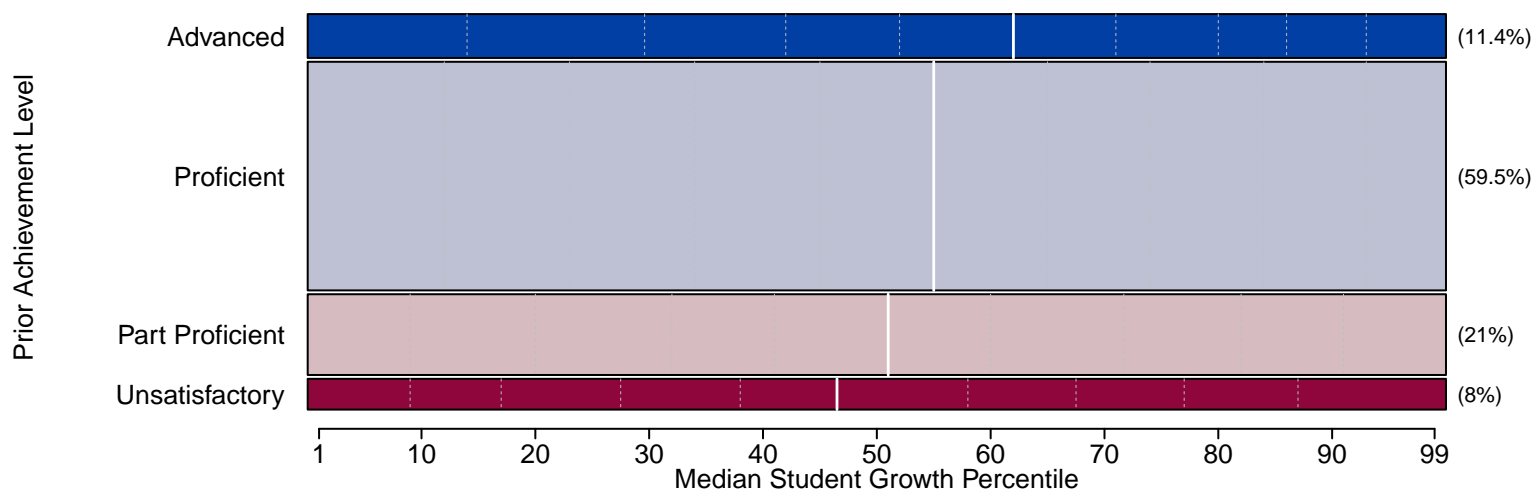# Student Growth Percentile Goodness–of–Fit Descriptives

2015–2016 Reading SGP, Grade 9 (N = 4,194)

SGP Deciles by Prior Achievement Level (Reading)

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:	[350,512)	68.0	16.0	8.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[512,530]	48.0	20.0	28.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
Highest OSS:	[780,792)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	12.0	16.0	16.0	40.0	N = 25
	[792,836]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	15.4	15.4	65.4	N = 26

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/[330,586)	11.65	10.44	11.17	8.98	11.65	9.71	9.95	8.01	9.47	8.98	(9.8%)
2nd/[586,615)	11.71	8.67	8.67	10.07	9.60	9.84	8.90	10.30	12.18	10.07	(10.2%)
3rd/[615,633)	8.98	9.73	6.73	10.97	9.98	12.22	8.73	9.48	10.22	12.97	(9.6%)
4th/[633,649)	11.44	10.53	8.92	8.92	8.24	9.84	10.07	9.15	11.67	11.21	(10.4%)
5th/[649,664)	7.81	10.58	7.81	9.32	8.56	12.09	12.59	11.08	8.31	11.84	(9.5%)
6th/[664,677)	7.84	9.74	8.08	9.26	11.16	9.74	10.21	8.55	11.40	14.01	(10%)
7th/[677,690)	7.57	7.57	8.51	9.22	8.04	10.64	9.69	10.87	12.77	15.13	(10.1%)
8th/[690,706)	7.41	9.03	9.03	8.10	11.81	8.56	10.42	8.10	12.50	15.05	(10.3%)
9th/[706,727)	7.75	6.30	9.44	8.47	10.41	10.41	10.65	9.20	11.86	15.50	(9.8%)
10th/[727,838]	6.50	6.50	6.73	8.35	9.05	10.44	10.67	11.37	16.01	14.39	(10.3%)

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

QQ–Plot: Student Growth Percentiles