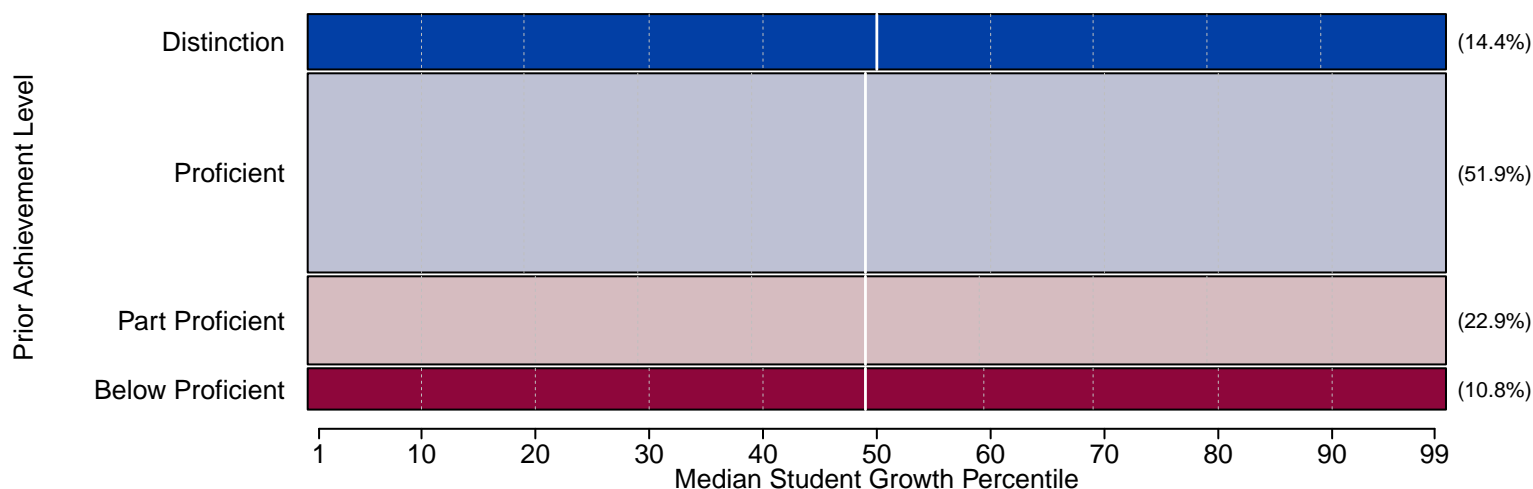# Student Growth Percentile Goodness–of–Fit Descriptives
2011–2012 Reading SGP, Grade 8 (N = 9,989)

SGP Deciles by Prior Achievement Level (Reading)

Prior Achievement Level:

- Distinction (14.4%)
- Proficient (51.9%)
- Part Proficient (22.9%)
- Below Proficient (10.8%)

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:	[0,12)	87.5	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24
	[12,14)	43.1	13.7	27.5	9.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 51
Highest OSS:	[80]	0.0	0.0	0.0	0.0	0.0	3.7	3.7	0.9	7.3	12.8	14.7	56.9	N = 109

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/[0,28)	9.80	10.23	10.23	9.80	10.33	9.69	9.47	9.90	10.23	10.33	(9.3%)
2nd/[28,34)	10.39	10.29	10.39	9.18	9.99	11.10	11.40	8.98	8.78	9.49	(9.9%)
3rd/[34,38)	9.01	9.51	10.26	11.26	9.01	9.51	9.39	10.89	11.01	10.14	(8%)
4th/[38,42)	8.46	10.45	11.34	9.85	11.44	9.45	9.25	9.25	8.86	11.64	(10.1%)
5th/[42,46)	10.06	11.35	9.32	10.24	9.04	9.41	10.89	9.78	10.61	9.32	(10.9%)
6th/[46,49)	11.10	8.70	11.60	9.46	10.59	9.96	9.96	9.96	8.58	10.09	(7.9%)
7th/[49,53)	10.18	10.10	9.36	9.20	9.36	10.18	9.93	10.10	10.59	11.00	(12.2%)
8th/[53,58)	9.46	10.89	10.36	10.98	10.09	9.64	10.18	8.66	9.82	9.91	(11.2%)
9th/[58,63)	8.63	9.90	9.78	9.44	11.39	9.09	9.90	10.59	11.05	10.24	(8.7%)
10th/[63,80]	10.25	10.25	9.82	9.74	9.65	10.75	9.57	10.41	9.14	10.41	(11.8%)

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

QQ–Plot: Student Growth Percentiles