Student Growth Percentile Goodness–of–Fit Descriptives
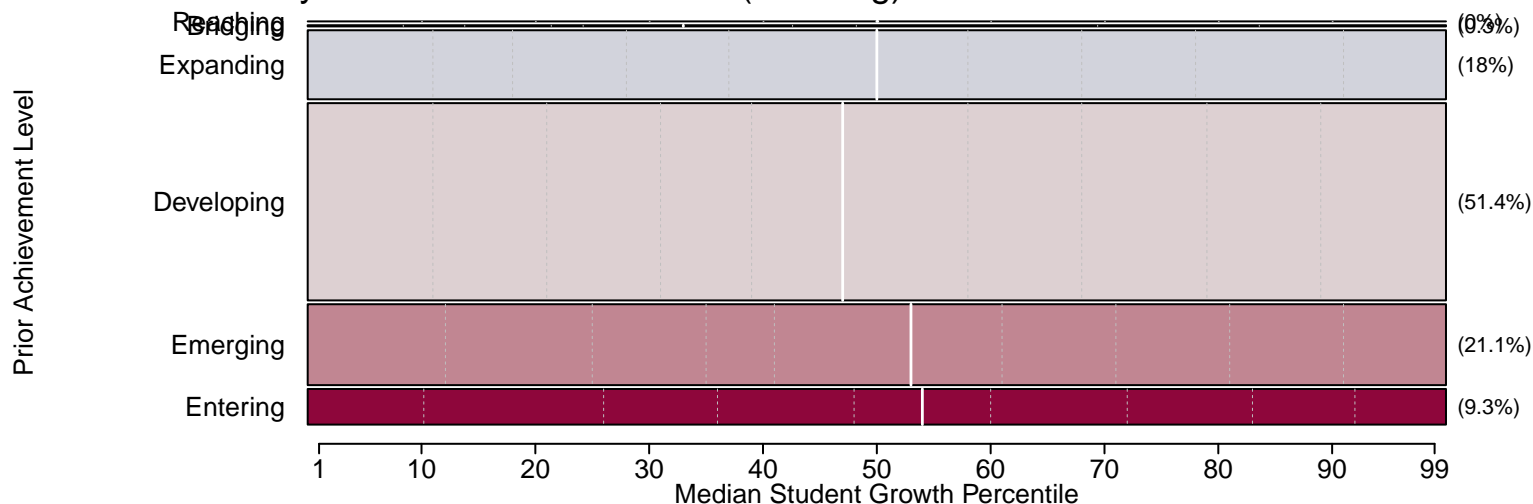
2021 Reading SGP, Grade 9 (N = 2,620)

SGP Deciles by Prior Achievement Level (Reading)

Prior Achievement Level

- Reaching (0.3%)
- Bridging (0.3%)
- Expanding (18%)
- Developing (51.4%)
- Emerging (21.1%)
- Entering (9.3%)

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:	[279,300]	59.3	11.1	22.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
	[300,311]	18.5	18.5	14.8	25.9	7.4	11.1	0.0	3.7	0.0	0.0	0.0	0.0	N = 27
Highest OSS:	[417,422]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	9.1	18.2	68.2	N = 22
	[422,446]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	6.5	80.6	N = 31

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/[225,300)	8.56	7.00	6.61	9.34	9.73	17.90	10.12	6.23	11.67	12.84	(9.8%)
2nd/[300,319)	8.27	9.02	6.02	15.79	7.52	13.16	10.53	9.77	8.65	11.28	(10.2%)
3rd/[319,330)	6.53	5.71	10.61	13.06	10.20	11.43	7.76	11.02	11.02	12.65	(9.4%)
4th/[330,341)	7.89	8.60	9.68	11.11	13.26	6.45	7.89	14.70	9.32	11.11	(10.6%)
5th/[341,350)	8.10	10.53	9.72	12.55	11.74	9.31	8.10	6.88	11.34	11.74	(9.4%)
6th/[350,358)	6.23	10.99	12.09	13.55	13.55	8.79	9.52	8.42	7.33	9.52	(10.4%)
7th/[358,364)	7.36	11.63	8.91	13.18	13.57	9.30	9.69	7.36	8.91	10.08	(9.8%)
8th/[364,370)	10.16	10.98	9.35	11.38	7.32	9.76	13.41	9.35	12.20	6.10	(9.4%)
9th/[370,379)	9.25	15.30	9.25	9.25	8.19	12.10	8.19	12.46	7.12	8.90	(10.7%)
10th/[379,419)	9.70	10.45	12.69	11.94	6.34	10.82	10.82	7.09	9.70	10.45	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100