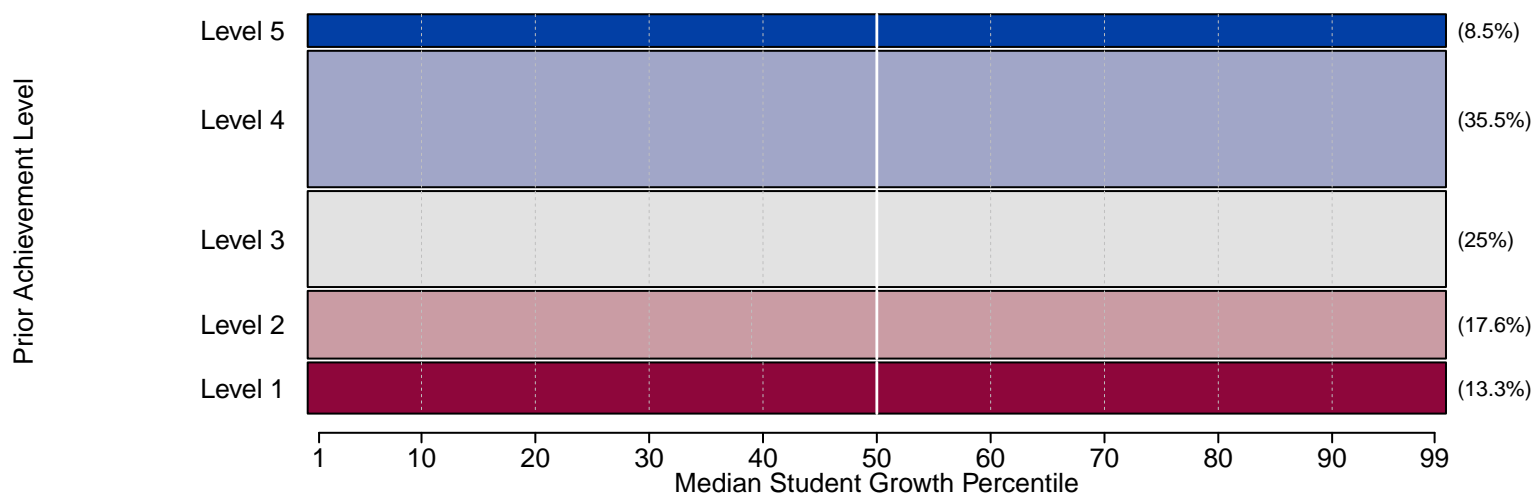# Student Growth Percentile Goodness–of–Fit Descriptives
2015–2016.2 ELA SS SGP, Grade 9 (N = 232,915)

SGP Deciles by Prior Achievement Level (ELA SS)

Prior Achievement Level:

Level	(%)
Level 5	(8.5%)
Level 4	(35.5%)
Level 3	(25%)
Level 2	(17.6%)
Level 1	(13.3%)

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:	[650]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 949
Highest OSS:	[850]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	10.3	75.4	N = 447

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/[650,692)	9.63	10.04	10.10	10.06	9.89	9.99	10.16	9.68	9.98	10.48	(9.7%)
2nd/[692,710)	9.49	9.86	9.99	10.09	10.03	10.06	9.89	10.26	9.87	10.45	(9.6%)
3rd/[710,723)	9.52	10.17	10.41	9.69	9.58	10.12	10.10	9.93	10.10	10.38	(9.8%)
4th/[723,734)	9.50	9.86	9.84	10.01	10.46	9.87	9.93	9.86	10.05	10.62	(10.3%)
5th/[734,744)	9.59	10.03	9.89	10.06	9.91	9.95	10.08	10.28	9.66	10.54	(10.3%)
6th/[744,753)	9.32	10.09	10.23	10.35	9.75	10.08	9.83	9.52	10.45	10.37	(9.5%)
7th/[753,763)	9.69	9.91	9.99	9.62	10.08	9.79	10.36	10.00	10.15	10.40	(10.1%)
8th/[763,775)	9.43	10.00	9.99	10.10	9.96	10.02	10.02	10.28	9.54	10.66	(10.5%)
9th/[775,790)	9.59	10.10	10.01	10.09	9.90	10.02	9.82	9.87	10.01	10.59	(9.8%)
10th/[790,850]	9.45	9.98	10.07	9.92	10.07	10.14	10.00	10.01	10.13	10.22	(10.4%)

*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)