Student Growth Percentile Goodness–of–Fit Descriptives
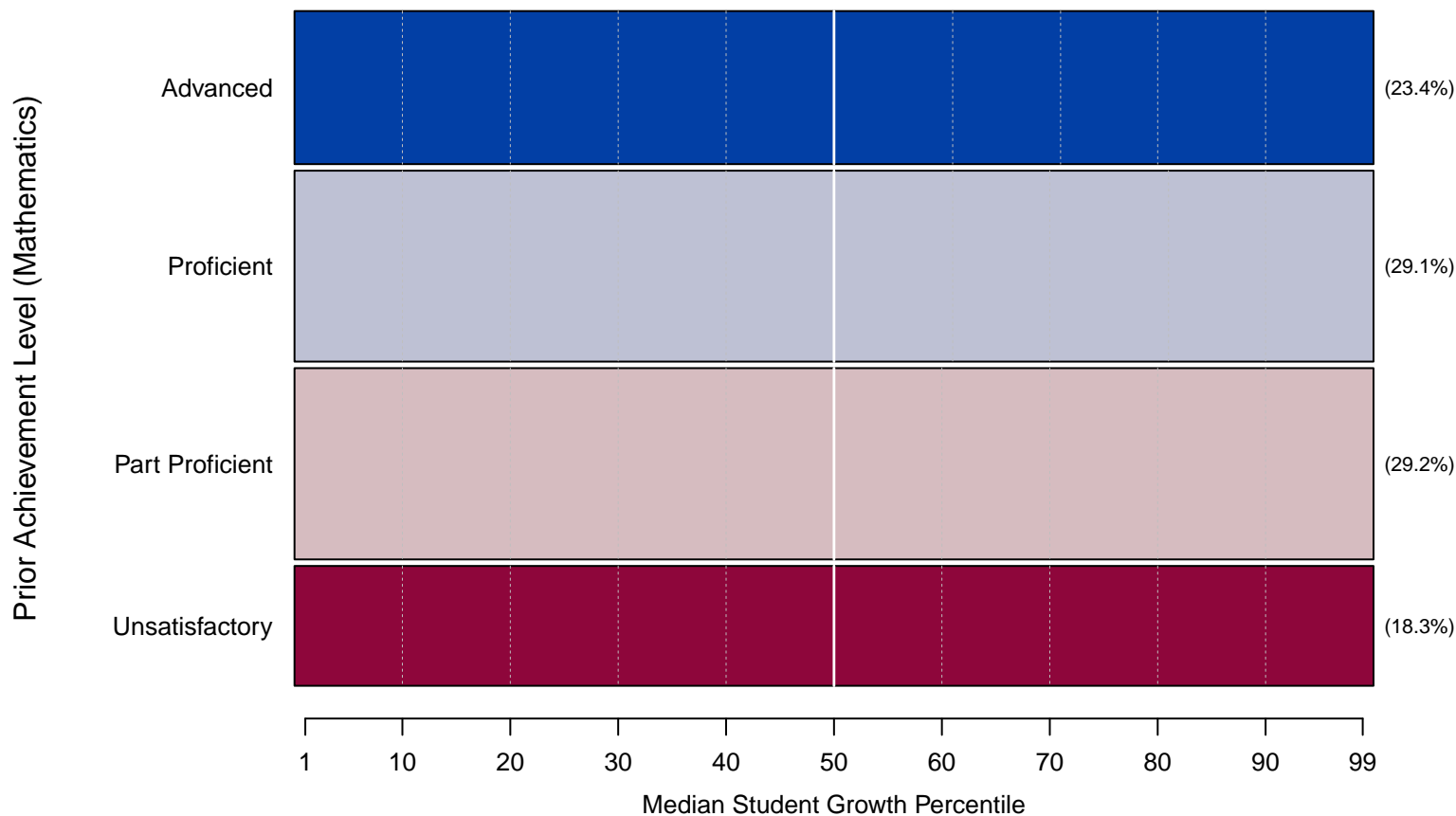## 2014 Mathematics SGP, Grade 9 (N = 56,163)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (23.4%)
- Proficient (29.1%)
- Part Proficient (29.2%)
- Unsatisfactory (18.3%)

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

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/[310,494)	9.89	10.68	9.05	9.94	9.62	10.30	10.12	9.80	9.96	10.62	(10%)
2nd/[494,525)	9.23	9.93	10.62	9.77	9.57	9.73	9.70	10.35	10.17	10.94	(9.9%)
3rd/[525,546)	10.04	9.96	9.54	10.30	9.50	9.56	10.04	9.80	9.85	11.40	(9.6%)
4th/[546,564)	10.17	9.54	9.52	9.72	10.82	10.15	10.15	9.40	10.54	9.98	(10.2%)
5th/[564,580)	9.16	9.82	9.81	10.06	10.32	9.97	9.57	10.36	9.68	11.26	(9.7%)
6th/[580,597)	9.78	9.42	10.04	10.07	9.56	9.18	9.90	9.98	10.87	11.20	(10.4%)
7th/[597,614)	9.51	10.20	9.53	9.89	9.75	10.09	9.84	10.36	10.31	10.53	(9.8%)
8th/[614,635)	9.77	9.82	9.49	9.95	10.67	9.96	10.14	9.49	9.72	10.99	(10.1%)
9th/[635,663)	9.49	9.80	10.14	10.03	9.70	10.12	9.56	10.37	9.98	10.81	(10.1%)
10th/[663,890]	9.38	9.94	9.78	9.85	10.06	9.71	10.67	9.92	10.04	10.67	(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