Student Growth Percentile Goodness–of–Fit Descriptives
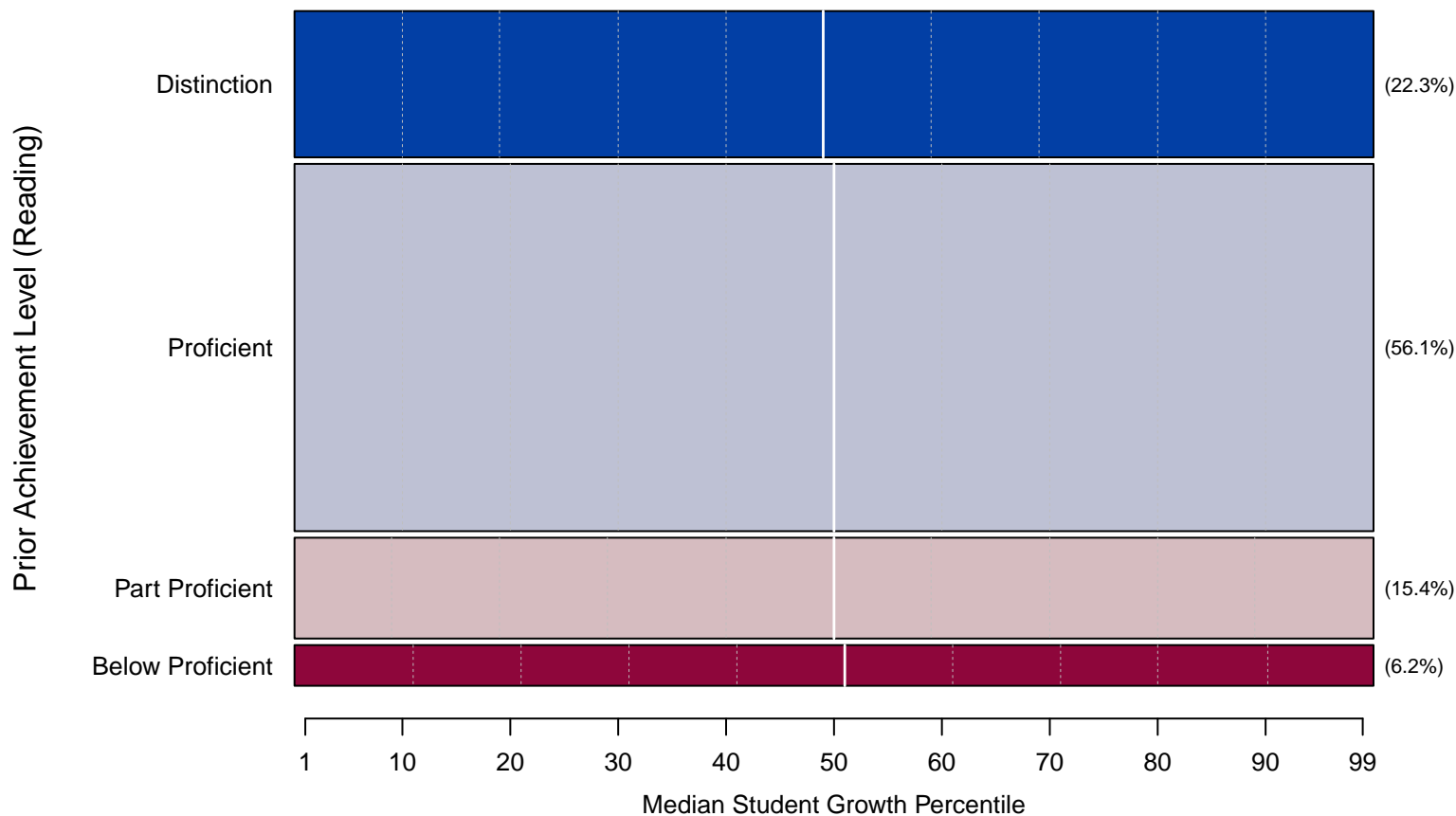## 2013–2014 Reading SGP, Grade 5 (N = 13,188)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Distinction	(22.3%)
Proficient	(56.1%)
Part Proficient	(15.4%)
Below Proficient	(6.2%)

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/[400,433)	8.84	9.89	10.32	10.50	9.97	9.62	9.71	9.80	10.67	10.67	(8.7%)
2nd/[433,439)	10.72	10.17	9.81	9.07	10.45	10.36	10.45	9.26	10.36	9.35	(8.3%)
3rd/[439,443)	9.69	9.11	9.47	10.41	10.05	10.12	9.91	10.85	10.27	10.12	(10.5%)
4th/[443,446)	9.26	10.74	10.81	10.16	9.13	9.13	10.55	10.10	8.61	11.52	(11.7%)
5th/[446,449)	9.53	11.95	10.78	8.36	10.86	10.55	8.98	8.28	11.17	9.53	(9.7%)
6th/[449,450)	10.78	7.52	8.37	11.49	11.21	10.07	7.94	9.22	12.77	10.64	(5.3%)
7th/[450,453)	9.56	8.59	10.67	10.28	9.43	9.82	12.75	10.41	8.07	10.41	(11.7%)
8th/[453,457)	9.11	10.33	10.58	9.36	8.85	11.10	9.62	10.13	10.46	10.46	(11.8%)
9th/[457,462)	9.30	11.33	8.81	9.23	12.59	9.16	9.86	9.37	9.16	11.19	(10.8%)
10th/[462,480]	9.97	9.77	9.97	11.29	8.84	10.03	10.10	10.17	10.03	9.83	(11.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution