Student Growth Percentile Goodness–of–Fit Descriptives
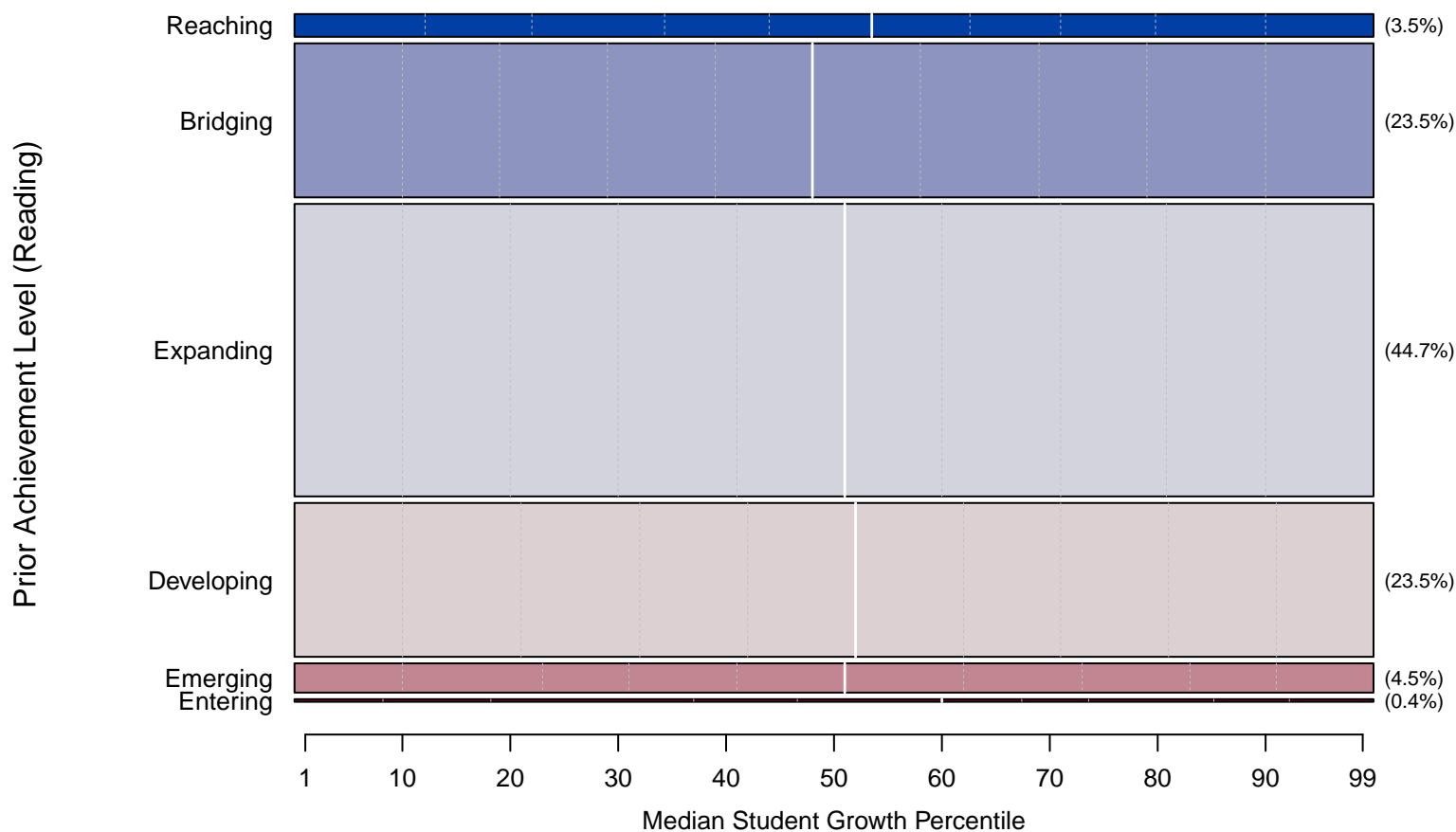## 2014 Reading SGP, Grade 4 (N = 8,693)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percentage
Reaching	(3.5%)
Bridging	(23.5%)
Expanding	(44.7%)
Developing	(23.5%)
Emerging	(4.5%)
Entering	(0.4%)

Median Student Growth Percentile

(x-axis: 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/[214,312)	9.88	9.17	9.17	8.93	10.24	9.88	10.36	10.36	11.07	10.95	(9.7%)
2nd/[312,322)	8.63	9.37	10.23	10.11	8.75	10.36	9.99	9.86	9.86	12.82	(9.3%)
3rd/[322,328)	9.83	8.97	9.09	9.95	9.71	10.07	11.18	10.20	9.34	11.67	(9.4%)
4th/[328,333)	9.75	10.20	10.66	10.09	11.79	11.00	8.50	8.73	10.20	9.07	(10.1%)
5th/[333,337)	10.96	10.24	10.48	10.36	10.36	10.12	9.76	9.76	7.35	10.60	(9.5%)
6th/[337,341)	8.37	10.35	9.14	9.25	8.04	8.92	12.44	10.13	11.34	12.00	(10.4%)
7th/[341,345)	8.18	9.22	9.22	9.91	10.37	11.18	8.18	10.60	11.64	11.52	(10%)
8th/[345,350)	9.60	9.15	9.60	8.15	10.38	9.93	10.60	10.83	9.71	12.05	(10.3%)
9th/[350,359)	10.08	10.70	9.67	11.21	10.60	9.77	9.47	10.08	9.26	9.16	(11.2%)
10th/[359,417]	9.29	10.21	11.01	9.63	9.63	10.09	11.01	8.26	9.98	10.89	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution