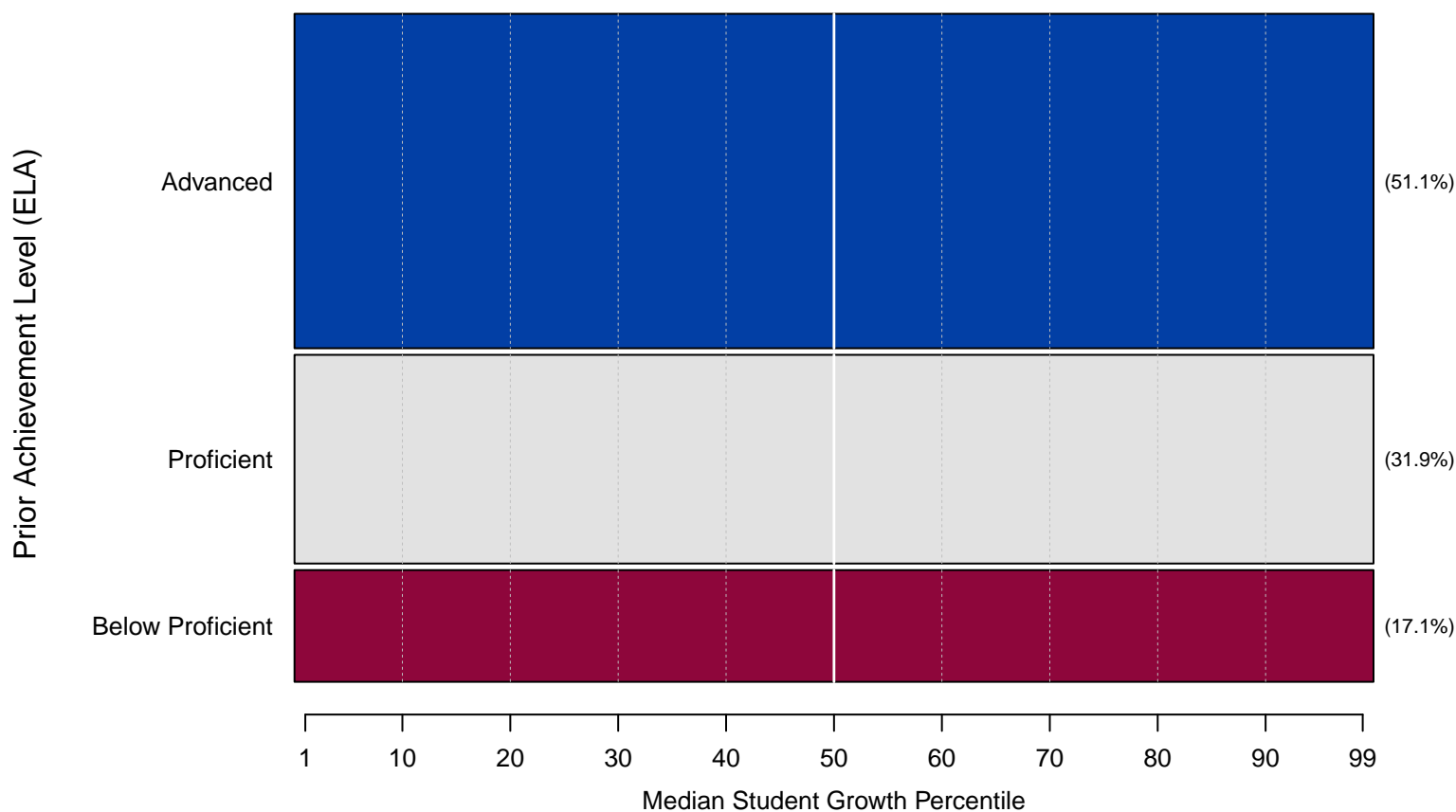# Student Growth Percentile Goodness–of–Fit Descriptives
2014 ELA SGP, Grade 7 (N = 40,202)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (51.1%)
- Proficient (31.9%)
- Below Proficient (17.1%)

Median Student Growth Percentile

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/[130,156)	10.01	9.81	9.27	9.89	10.18	9.67	9.44	11.04	10.21	10.49	(8.7%)
2nd/[156,160)	9.46	10.32	10.41	10.86	9.73	9.85	10.02	8.63	9.96	10.77	(8.4%)
3rd/[160,164)	9.49	9.74	10.02	9.45	10.14	10.27	10.18	10.52	9.83	10.35	(11.9%)
4th/[164,166)	9.75	10.26	10.10	9.86	9.46	10.17	9.68	9.98	9.75	10.99	(10.6%)
5th/[166,169)	10.03	9.70	9.90	10.03	10.48	9.55	10.28	9.77	9.95	10.33	(9.9%)
6th/[169,170)	9.31	9.41	11.63	9.85	10.35	10.05	9.31	10.00	10.50	9.60	(5%)
7th/[170,173)	9.31	9.93	9.31	10.10	9.94	9.96	9.79	10.14	10.04	11.46	(12.6%)
8th/[173,175)	9.75	10.46	10.14	9.93	9.96	10.24	9.86	9.75	10.35	9.57	(7%)
9th/[175,182)	9.63	9.86	10.39	9.80	10.08	10.01	9.99	10.01	9.75	10.48	(14.4%)
10th/[182,199]	9.07	10.09	9.96	10.26	9.72	9.93	10.24	9.96	9.91	10.87	(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