Student Growth Percentile Goodness–of–Fit Descriptives
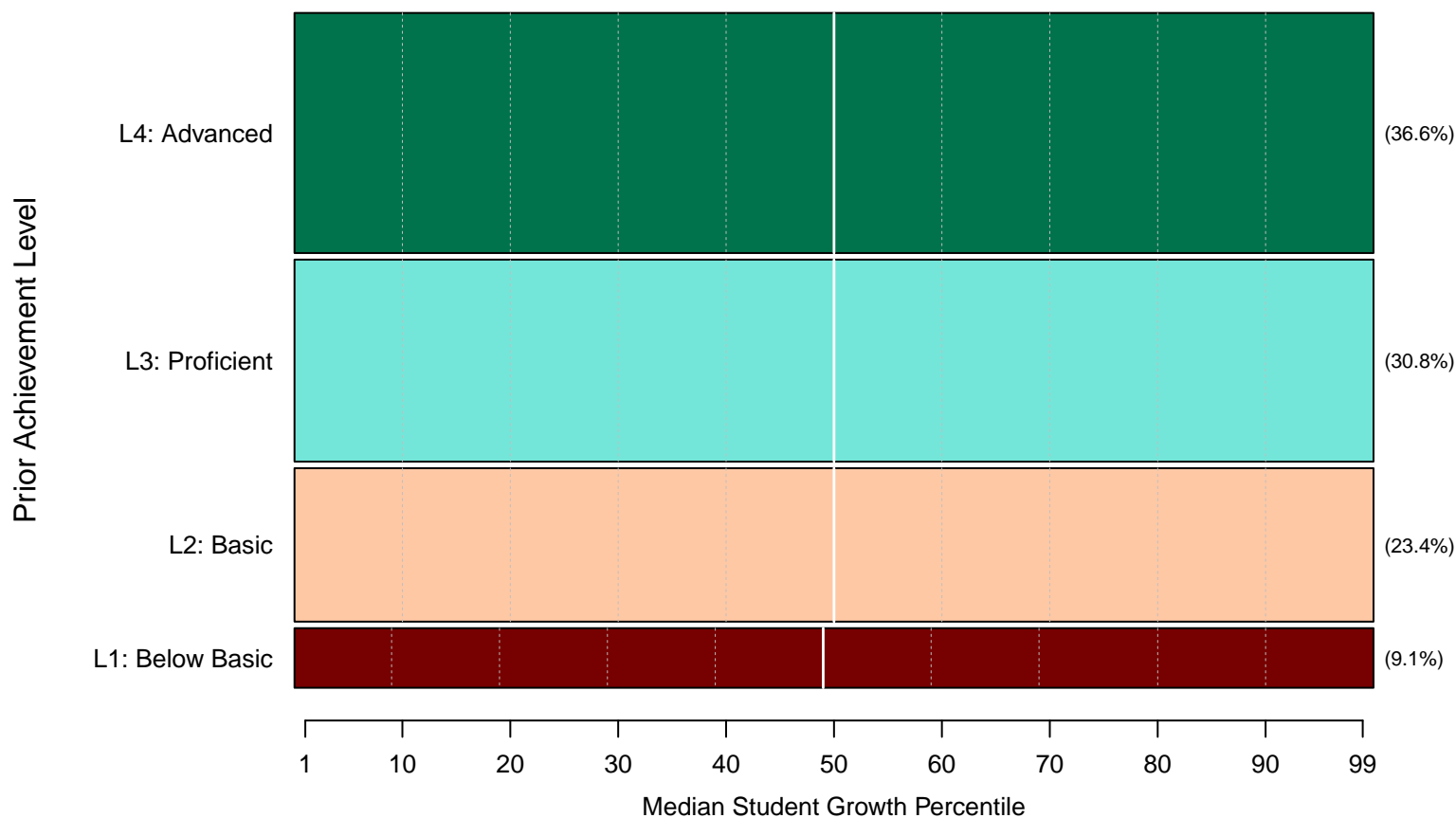## 2011–2012 Reading SGP, Grade 6 (N = 72,572)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	(%)
L4: Advanced	(36.6%)
L3: Proficient	(30.8%)
L2: Basic	(23.4%)
L1: Below Basic	(9.1%)

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/[275,375)	10.29	9.95	10.33	10.08	9.92	9.89	9.59	9.67	9.38	10.89	(9.1%)
2nd/[375,386)	9.47	9.88	10.00	9.80	10.06	10.12	9.97	9.70	10.87	10.12	(9.1%)
3rd/[386,396)	9.14	10.31	10.15	10.10	9.96	9.56	10.10	10.46	9.97	10.25	(10.1%)
4th/[396,403)	10.10	9.94	10.04	9.98	9.82	10.32	10.74	9.85	9.19	10.01	(9.1%)
5th/[403,411)	9.75	10.10	10.07	10.14	9.81	9.97	9.50	9.93	10.28	10.45	(11.7%)
6th/[411,416)	9.01	9.43	9.55	9.94	10.10	10.46	9.65	10.40	10.58	10.88	(6.9%)
7th/[416,422)	10.14	10.25	10.38	10.04	10.16	9.51	9.49	9.99	9.78	10.27	(7.4%)
8th/[422,436)	9.52	9.71	10.02	9.97	9.97	10.20	10.47	10.11	9.82	10.21	(16%)
9th/[436,446)	10.11	10.54	10.18	10.18	10.12	10.11	9.35	9.76	9.30	10.36	(7.7%)
10th/[446,475]	9.50	10.13	9.97	10.03	10.20	9.67	10.04	9.95	10.01	10.50	(12.9%)

*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