

## Student Growth Percentile Goodness-of-Fit Descriptives

### 2010 Mathematics, Grade Progression 3–4 (N = 57,593)

|                | Student Growth Percentile 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/[150,352)  | 9.78                            | 9.73     | 10.13    | 9.87     | 9.95     | 10.18    | 9.92     | 9.78     | 10.01    | 10.66    | (9.9%)  |
| 2nd/[352,391)  | 8.95                            | 10.35    | 9.68     | 10.02    | 10.23    | 9.56     | 10.37    | 10.31    | 10.00    | 10.54    | (9.9%)  |
| 3rd/[391,418)  | 9.90                            | 10.05    | 10.19    | 10.14    | 9.79     | 10.37    | 9.69     | 10.07    | 9.59     | 10.21    | (10%)   |
| 4th/[418,440)  | 9.28                            | 9.79     | 10.18    | 10.20    | 9.97     | 10.13    | 9.56     | 10.38    | 10.30    | 10.20    | (9.9%)  |
| 5th/[440,461)  | 9.64                            | 10.27    | 9.88     | 9.64     | 10.25    | 9.66     | 10.49    | 9.32     | 9.83     | 11.01    | (10.3%) |
| 6th/[461,480)  | 9.62                            | 9.66     | 9.89     | 10.18    | 9.91     | 9.95     | 9.98     | 9.75     | 10.47    | 10.60    | (9.6%)  |
| 7th/[480,502)  | 9.38                            | 10.20    | 10.23    | 9.96     | 9.98     | 10.06    | 9.99     | 10.31    | 9.67     | 10.21    | (10.3%) |
| 8th/[502,528)  | 9.60                            | 9.81     | 9.96     | 9.84     | 10.22    | 10.05    | 10.05    | 10.14    | 9.98     | 10.34    | (10.1%) |
| 9th/[528,566)  | 9.32                            | 10.04    | 10.08    | 10.25    | 9.78     | 10.08    | 9.75     | 9.63     | 10.28    | 10.80    | (10%)   |
| 10th/[566,700] | 9.62                            | 10.07    | 9.85     | 9.95     | 10.04    | 9.90     | 10.09    | 10.30    | 9.83     | 10.35    | (10%)   |

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

QQ-Plot: Student Growth Percentiles

