

Student Growth Percentile Goodness-of-Fit Descriptives

2010 Biology, Grade Progression 101–102 (N = 30,126)

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/[150,240) | 10.27 | 10.03 | 9.67 | 10.15 | 9.99 | 10.42 | 10.46 | 8.56 | 9.87 | 10.58 | (8.4%) |
| 2nd/[240,252) | 8.07 | 10.12 | 10.97 | 10.53 | 9.23 | 9.01 | 11.02 | 10.88 | 9.99 | 10.17 | (7.4%) |
| 3rd/[252,269) | 9.92 | 10.15 | 9.58 | 10.61 | 10.39 | 9.68 | 9.77 | 9.75 | 10.04 | 10.11 | (14%) |
| 4th/[269,279) | 10.23 | 9.75 | 10.78 | 10.01 | 8.83 | 10.23 | 9.23 | 11.23 | 8.53 | 11.19 | (9%) |
| 5th/[279,290) | 9.86 | 9.24 | 10.31 | 9.24 | 10.64 | 10.07 | 9.98 | 9.45 | 11.34 | 9.86 | (8%) |
| 6th/[290,309) | 9.10 | 9.83 | 10.32 | 9.61 | 10.11 | 10.88 | 10.11 | 9.48 | 10.14 | 10.42 | (13%) |
| 7th/[309,328) | 9.55 | 10.00 | 9.86 | 10.17 | 10.62 | 9.03 | 9.41 | 11.48 | 9.41 | 10.48 | (9.6%) |
| 8th/[328,351) | 9.67 | 10.86 | 10.04 | 9.80 | 9.05 | 10.45 | 10.99 | 9.26 | 9.67 | 10.21 | (9.8%) |
| 9th/[351,393) | 9.89 | 9.31 | 9.98 | 10.17 | 10.50 | 10.14 | 9.18 | 9.92 | 10.35 | 10.57 | (10.8%) |
| 10th/[393,600] | 9.32 | 10.62 | 9.92 | 9.92 | 9.95 | 9.72 | 10.29 | 10.12 | 9.89 | 10.25 | (10%) |

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

QQ-Plot: Student Growth Percentiles

