> Texas SUCCESS Comprehensive Evaluation Report ~ Supplemental Data: Think Through Math

Figure 3.4. Percentage of Students Who Passed at Least One TTM Lesson and Average Student Passing Rate, by Grade Level and Number of TTM Lessons Attempted, 2013-14

|  |  |  | Perceatge of Students <br> Who Passed at least <br> one Lesson | N | Passing |
| :--- | :--- | :--- | :--- | :--- | :--- |

Table 3.20. Student Passing Rate by Student ELL Status, by Grade Level, 2013-14

| Grade Level | ELL Status | Passing Rate | N |
| :--- | :--- | :---: | ---: |
| Grade 3 | Not ELL | 44.21 | 124,114 |
| Grade 3 | ELL | 35.89 | 43,968 |
|  |  |  |  |
| Grade 4 | Not ELL | 47.03 | 135,895 |
| Grade 4 | ELL | 35.94 | 39,153 |
|  |  |  |  |
| Grade 5 | Not ELL | 48.57 | 140,407 |
| Grade 5 | ELL | 35.77 | 34,469 |
|  |  |  |  |
| Grade 6 | Not ELL | 42.33 | 105,269 |
| Grade 6 | ELL | 27.76 | 18,861 |
|  |  |  |  |
| Grade 7 | Not ELL | 43.09 | 88,125 |
| Grade 7 | ELL | 28.91 | 12,898 |
|  |  |  |  |
| Grade 8 | Not ELL | 41.96 | 83,519 |
| Grade 8 | ELL | 26.95 | 9,550 |

Figure 3.5. Average Student Passing Rate by Student Race/Ethnicity Category, by Grade Level, 2013-14

| Grade Level | Race/Ethnicity Category | Passing Rate | N |
| :---: | :---: | :---: | :---: |
| Grade 3 | American Indian | 41.93 | 641 |
| Grade 3 | Asian/Pacific Islander | 60.01 | 6,973 |
| Grade 3 | Black | 36.64 | 20,883 |
| Grade 3 | Hispanic | 37.63 | 88,203 |
| Grade 3 | White | 49.45 | 48,064 |
| Grade 3 | Two or more | 47.67 | 3,318 |
| Grade 4 | American Indian | 45.47 | 556 |
| Grade 4 | Asian/Pacific Islander | 63.45 | 7,239 |
| Grade 4 | Black | 39.18 | 21,282 |
| Grade 4 | Hispanic | 40.10 | 92,311 |
| Grade 4 | White | 51.81 | 50,141 |
| Grade 4 | Two or more | 51.18 | 3,519 |
| Grade 5 | American Indian | 46.28 | 604 |
| Grade 5 | Asian/Pacific Islander | 63.80 | 7,065 |
| Grade 5 | Black | 41.75 | 22,487 |
| Grade 5 | Hispanic | 42.08 | 93,320 |
| Grade 5 | White | 52.71 | 48,214 |
| Grade 5 | Two or more | 52.33 | 3,186 |
| Grade 6 | American Indian | 38.34 | 441 |
| Grade 6 | Asian/Pacific Islander | 60.35 | 5,077 |
| Grade 6 | Black | 35.58 | 16,439 |
| Grade 6 | Hispanic | 35.51 | 64,949 |
| Grade 6 | White | 47.51 | 35,093 |
| Grade 6 | Two or more | 45.88 | 2,131 |
| Grade 7 | American Indian | 41.02 | 376 |
| Grade 7 | Asian/Pacific Islander | 61.00 | 3,856 |
| Grade 7 | Black | 38.19 | 14,001 |
| Grade 7 | Hispanic | 36.80 | 54,225 |
| Grade 7 | White | 48.79 | 26,900 |
| Grade 7 | Two or more | 46.14 | 1,665 |
| Grade 8 | American Indian | 37.58 | 344 |
| Grade 8 | Asian/Pacific Islander | 60.03 | 3,624 |
| Grade 8 | Black | 36.86 | 13,204 |
| Grade 8 | Hispanic | 36.00 | 47,792 |
| Grade 8 | White | 47.23 | 26,544 |
| Grade 8 | Two or more | 45.07 | 1,561 |

Table 3.21. Student TTM Lesson Passing Rate by Student Economic Status, by Grade Level, 2013-14

| Grade Level | Economic Status Indicator | Passing Rate | N |
| :--- | :--- | :---: | ---: |
| Grade 3 | Not Economically Disadvantaged | 51.28 | 63,516 |
| Grade 3 | Economically Disadvantaged | 36.41 | 104,566 |
|  |  |  |  |
| Grade 4 | Not Economically Disadvantaged | 53.58 | 67,233 |
| Grade 4 | Economically Disadvantaged | 38.91 | 107,815 |
|  |  |  |  |
| Grade 5 | Not Economically Disadvantaged | 54.09 | 65,640 |
| Grade 5 | Economically Disadvantaged | 41.22 | 109,236 |
|  |  |  | 48.67 |
| Grade 6 | Not Economically Disadvantaged | 34.68 | 48,224 |
| Grade 6 | Economically Disadvantaged | 49,906 |  |
|  |  | 36.52 | 38,269 |
| Grade 7 | Not Economically Disadvantaged |  | 62,754 |
| Grade 7 | Economically Disadvantaged | 47.87 | 35.30 |

Figure 3.6. Average Student Passing Rate, by Grade Level and Month, 2013-14 Passing Rate and N, by Month

|  | August |  |
| :--- | :---: | :---: |
| Grade Level | Passing Rate | N |
| Grade 3 | 58.80 | 500 |
| Grade 4 | 60.71 | 648 |
| Grade 5 | 66.10 | 623 |
| Grade 6 | 49.12 | 679 |
| Grade 7 | 34.52 | 552 |
| Grade 8 | 56.50 | 390 |

## November

| Grade Level | Passing Rate | N |
| :--- | :---: | :---: |
| Grade 3 | 41.81 | 95,088 |
| Grade 4 | 46.87 | 96,595 |
| Grade 5 | 48.79 | 97,895 |
| Grade 6 | 45.48 | 55,692 |
| Grade 7 | 44.90 | 46,662 |
| Grade 8 | 42.86 | 38,933 |


| Passing Rate | $\mathbf{N}$ |
| :---: | :--- |
| 36.97 | 84,429 |
| 43.06 | 85,392 |
| 46.18 | 84,144 |
| 44.26 | 50,784 |
| 43.51 | 39,024 |
| 41.44 | 32,436 |


| Passing Rate | $\mathbf{N}$ |
| :---: | :---: |
| 54.36 | 32,834 |
| 58.01 | 35,464 |
| 55.62 | 37,396 |
| 48.25 | 19,251 |
| 44.19 | 14,928 |
| 53.44 | 13,011 |


| Passing Rate | $\mathbf{N}$ |
| :---: | :---: |
| 50.23 | 88,862 |
| 52.09 | 89,317 |
| 53.26 | 92,819 |
| 47.49 | 49,911 |
| 44.68 | 38,619 |
| 49.52 | 32,051 |

## December

## January

| Passing Rate | N |
| :---: | ---: |
| 36.81 | 100,206 |
| 43.11 | 99,020 |
| 45.32 | 98,380 |
| 43.07 | 61,482 |
| 44.25 | 45,236 |
| 43.20 | 38,466 |

February

| Grade Level | Passing Rate | N |
| :--- | :---: | :---: |
| Grade 3 | 36.61 | 107,499 |
| Grade 4 | 42.45 | 103,771 |
| Grade 5 | 43.71 | 102,042 |
| Grade 6 | 42.54 | 64,365 |
| Grade 7 | 42.81 | 49,468 |
| Grade 8 | 40.91 | 42,458 |

May
Passing Rate
37.61
41.17
40.78
40.79
39.48
38.62
$\mathbf{N}$
92,179
84,993
82,584
58,382
41,840
34,957

| Passing Rate | $\mathbf{N}$ |
| :---: | :---: |
| 32.97 | 95,055 |
| 37.39 | 90,470 |
| 36.80 | 76,374 |
| 35.10 | 57,011 |
| 35.51 | 39,542 |
| 36.57 | 30,009 |

June

| Grade Level | Passing Rate | N | Passing Rate | N |
| :--- | :---: | :---: | :---: | :---: |
| Grade 3 | 23.72 | 68,249 | 15.12 | 11,062 |
| Grade 4 | 27.49 | 67,539 | 17.70 | 11,262 |
| Grade 5 | 26.93 | 65,846 | 15.73 | 10,550 |
| Grade 6 | 25.91 | 33,995 | 16.83 | 4,697 |
| Grade 7 | 26.24 | 25,282 | 21.36 | 3,727 |
| Grade 8 | 28.19 | 20,568 | 18.45 | 3,932 |

Figure 3.7. Average Student Passing Rate for the First and Last Month
a Student Used the System, by Grade Level, 2013-14

| Grade Level | First Month | N | Last Month | N |
| :--- | :---: | :---: | :---: | :---: |
| Grade 3 | 54.78 | 177,017 | 20.06 | 177,017 |
| Grade 4 | 56.33 | 177,695 | 23.34 | 177,695 |
| Grade 5 | 52.06 | 178,650 | 23.61 | 178,650 |
| Grade 6 | 44.60 | 131,500 | 22.15 | 131,500 |
| Grade 7 | 42.27 | 106,548 | 24.03 | 106,548 |
| Grade 8 | 46.68 | 98,156 | 24.81 | 98,156 |

Figure 3.8. TTM Lesson Types Attempted, by Grade Level, 2013-14

| Grade Level | Pathway | $\mathbf{N}$ | Placement | $\mathbf{N}$ | Remediation | $\mathbf{N}$ | Retake | $\mathbf{N}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade 3 | 34.61 | 177,017 | 31.02 | 177,017 | 8.07 | 177,017 | 26.30 | 177,017 |
| Grade 4 | 35.43 | 177,695 | 24.18 | 177,695 | 16.86 | 177,695 | 23.53 | 177,695 |
| Grade 5 | 30.83 | 178,650 | 28.15 | 178,650 | 19.48 | 178,650 | 21.54 | 178,650 |
| Grade 6 | 38.02 | 13,500 | 25.53 | 131,500 | 20.42 | 131,500 | 16.03 | 131,500 |
| Grade 7 | 36.75 | 106,548 | 24.87 | 106,548 | 21.81 | 106,548 | 16.57 | 106,548 |
| Grade 8 | 38.84 | 98,156 | 31.25 | 98,156 | 15.83 | 98,156 | 14.08 | 98,156 |

Figure 3.9. Percentage of Users Who Got Off TTM Lesson Pathway and Returned to Path, by Grade Level, 2013-14

|  | Percent of Users <br> who returned to |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Grade Level | Percent of Users <br> who got Off Path | $\mathbf{N}$ | Path | N |
| Grade 3 | 85.61 | 177,017 | 96.19 | 148,762 |
| Grade 4 | 85.22 | 177,695 | 94.92 | 149,626 |
| Grade 5 | 84.05 | 178,650 | 93.96 | 147,130 |
| Grade 6 | 71.03 | 131,500 | 78.76 | 87,964 |
| Grade 7 | 72.30 | 106,548 | 85.97 | 72,640 |
| Grade 8 | 62.52 | 98,156 | 87.18 | 58,871 |

Figure 3.10. TTM Lesson Type by Number of Attempts, by Grade Level, 2013-14

|  | Attempts |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade Level | Category | Pathway | N | Placement | N | Remediation | N | Retake | N |
| Grade 3 | 1-4 | 36.39 | 31,502 | 46.82 | 31,502 | 9.70 | 31,502 | 7.09 | 31,502 |
| Grade 3 | 5-9 | 35.30 | 39,342 | 31.49 | 39,342 | 9.17 | 39,342 | 24.04 | 39,342 |
| Grade 3 | 10-14 | 31.40 | 29,807 | 29.60 | 29,807 | 8.20 | 29,807 | 30.81 | 29,807 |
| Grade 3 | 15-19 | 30.74 | 20,514 | 28.51 | 20,514 | 7.94 | 20,514 | 32.82 | 20,514 |
| Grade 3 | 20+ | 36.26 | 55,852 | 23.45 | 55,852 | 6.37 | 55,852 | 33.92 | 55,852 |
| Grade 4 | 1-4 | 42.56 | 32,973 | 42.00 | 32,973 | 7.71 | 32,973 | 7.73 | 32,973 |
| Grade 4 | 5-9 | 35.44 | 38,680 | 27.25 | 38,680 | 14.89 | 38,680 | 22.42 | 38,680 |
| Grade 4 | 10-14 | 29.47 | 27,378 | 20.92 | 27,378 | 24.23 | 27,378 | 25.38 | 27,378 |
| Grade 4 | 15-19 | 27.91 | 19,502 | 17.86 | 19,502 | 25.20 | 19,502 | 29.03 | 19,502 |
| Grade 4 | 20+ | 36.68 | 59,162 | 15.82 | 59,162 | 17.10 | 59,162 | 30.40 | 59,162 |
| Grade 5 | 1-4 | 33.95 | 36,018 | 47.15 | 36,018 | 12.48 | 36,018 | 6.43 | 36,018 |
| Grade 5 | 5-9 | 29.08 | 39,260 | 30.59 | 39,260 | 20.59 | 39,260 | 19.73 | 39,260 |
| Grade 5 | 10-14 | 28.06 | 26,721 | 25.26 | 26,721 | 23.71 | 26,721 | 22.97 | 26,721 |
| Grade 5 | 15-19 | 26.55 | 18,403 | 20.31 | 18,403 | 25.61 | 18,403 | 27.53 | 18,403 |
| Grade 5 | 20+ | 32.70 | 58,248 | 18.56 | 58,248 | 19.17 | 58,248 | 29.57 | 58,248 |
| Grade 6 | 1-4 | 43.16 | 47,226 | 41.05 | 47,226 | 13.61 | 47,226 | 2.18 | 47,226 |
| Grade 6 | 5-9 | 34.56 | 24,030 | 19.47 | 24,030 | 28.80 | 24,030 | 17.17 | 24,030 |
| Grade 6 | 10-14 | 33.58 | 15,803 | 16.74 | 15,803 | 25.60 | 15,803 | 24.07 | 15,803 |
| Grade 6 | 15-19 | 33.19 | 10,268 | 16.21 | 10,268 | 24.07 | 10,268 | 26.52 | 10,268 |
| Grade 6 | 20+ | 36.83 | 34,173 | 15.21 | 34,173 | 20.46 | 34,173 | 27.50 | 34,173 |
| Grade 7 | 1-4 | 49.92 | 36,583 | 33.00 | 36,583 | 13.85 | 36,583 | 3.23 | 36,583 |
| Grade 7 | 5-9 | 30.83 | 22,022 | 24.60 | 22,022 | 25.00 | 22,022 | 19.56 | 22,022 |
| Grade 7 | 10-14 | 27.61 | 13,538 | 22.32 | 13,538 | 27.11 | 13,538 | 22.96 | 13,538 |
| Grade 7 | 15-19 | 27.28 | 8,901 | 20.39 | 8,901 | 27.54 | 8,901 | 24.79 | 8,901 |
| Grade 7 | 20+ | 31.11 | 25,504 | 16.37 | 25,504 | 25.66 | 25,504 | 26.85 | 25,504 |
| Grade 8 | 1-4 | 41.35 | 41,920 | 48.09 | 41,920 | 5.47 | 41,920 | 5.09 | 41,920 |
| Grade 8 | 5-9 | 37.93 | 18,357 | 25.31 | 18,357 | 21.42 | 18,357 | 15.33 | 18,357 |
| Grade 8 | 10-14 | 33.87 | 10,539 | 17.90 | 10,539 | 27.85 | 10,539 | 20.39 | 10,539 |
| Grade 8 | 15-19 | 33.37 | 7,058 | 15.82 | 7,058 | 28.00 | 7,058 | 22.81 | 7,058 |
| Grade 8 | 20+ | 38.97 | 20,282 | 14.12 | 20,282 | 21.71 | 20,282 | 25.20 | 20,282 |

Figure 3.11. Percentage of Users Who Got Off TTM Lesson Pathway and Returned to Path, by Grade Level and Number of Lessons Attempted, 2013-14

|  | Attempts | Percent of Users who got Off |  | Percent of Users who |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Grade Level | Category | Path | N | returned to Path | N |
| Grade 3 | 1-4 | 31.88 | 31,502 | 29.35 | 7,308 |
| Grade 3 | 5-9 | 91.30 | 39,342 | 98.79 | 35,884 |
| Grade 3 | 10-14 | 98.90 | 29,807 | 99.83 | 29,474 |
| Grade 3 | 15-19 | 99.55 | 20,514 | 99.95 | 20,422 |
| Grade 3 | 20+ | 99.68 | 55,852 | 99.97 | 55,674 |
| Grade 4 | 1-4 | 37.24 | 32,973 | 43.79 | 10,563 |
| Grade 4 | 5-9 | 90.74 | 38,680 | 95.75 | 35,026 |
| Grade 4 | 10-14 | 96.34 | 27,378 | 99.60 | 26,355 |
| Grade 4 | 15-19 | 98.56 | 19,502 | 99.75 | 19,218 |
| Grade 4 | 20+ | 98.82 | 59,162 | 99.97 | 58,464 |
| Grade 5 | 1-4 | 36.48 | 36,018 | 32.25 | 10,191 |
| Grade 5 | 5-9 | 88.95 | 39,260 | 95.31 | 34,860 |
| Grade 5 | 10-14 | 97.21 | 26,721 | 98.87 | 25,966 |
| Grade 5 | 15-19 | 99.13 | 18,403 | 99.75 | 18,243 |
| Grade 5 | 20+ | 99.36 | 58,248 | 99.97 | 57,870 |
| Grade 6 | 1-4 | 30.31 | 47,226 | 16.49 | 9,222 |
| Grade 6 | 5-9 | 85.60 | 24,030 | 62.77 | 20,277 |
| Grade 6 | 10-14 | 94.77 | 15,803 | 80.04 | 14,922 |
| Grade 6 | 15-19 | 97.15 | 10,268 | 96.52 | 9,972 |
| Grade 6 | 20+ | 98.25 | 34,173 | 99.69 | 33,571 |
| Grade 7 | 1-4 | 31.82 | 36,583 | 22.33 | 7,677 |
| Grade 7 | 5-9 | 86.82 | 22,022 | 81.32 | 18,805 |
| Grade 7 | 10-14 | 94.58 | 13,538 | 96.23 | 12,705 |
| Grade 7 | 15-19 | 96.34 | 8,901 | 98.40 | 8,562 |
| Grade 7 | 20+ | 97.63 | 25,504 | 99.61 | 24,891 |
| Grade 8 | 1-4 | 25.31 | 41920 | 40.19 | 8,434 |
| Grade 8 | 5-9 | 81.53 | 18357 | 86.99 | 14,708 |
| Grade 8 | 10-14 | 91.74 | 10539 | 96.15 | 9,629 |
| Grade 8 | 15-19 | 93.44 | 7058 | 98.04 | 6,578 |
| Grade 8 | 20+ | 96.28 | 20282 | 99.54 | 19,522 |

Figure 3.13. Percentage of Students Meeting the Phase-In 1 Level II (Satisfactory) Standard in Mathematics, by Grade Level and TTM Lessons Attempted (2013-14)


Figure B1. Mean Grade and Year Standardized Gain Score between 2012-13 and 2013-14 for Students in the Bottom Quartile of Scores on the 2012-13 STAAR-Mathematics Assessment, by Grade Level and Number of TTM Lessons Attempted, 2013-14

|  | Mean Standardized Gain |  |  |
| :---: | :---: | :---: | :---: |
| Grade Level | Attempts Category | Score | N |
| Grade 4 | 0 attempted | 0.19 | 43,994 |
| Grade 4 | 1-4 attempted | 0.16 | 7,312 |
| Grade 4 | 5-9 attempted | 0.18 | 8,595 |
| Grade 4 | 10-14 attempted | 0.19 | 6,045 |
| Grade 4 | 15-19 attempted | 0.20 | 4,439 |
| Grade 4 | 20+ attempted | 0.21 | 12,147 |
| Grade 5 | 0 attempted | 0.21 | 44,939 |
| Grade 5 | 1-4 attempted | 0.23 | 6,471 |
| Grade 5 | 5-9 attempted | 0.24 | 9,003 |
| Grade 5 | 10-14 attempted | 0.21 | 6,596 |
| Grade 5 | 15-19 attempted | 0.20 | 5,132 |
| Grade 5 | 20+ attempted | 0.20 | 14,735 |
| Grade 6 | 0 attempted | 0.24 | 49,189 |
| Grade 6 | 1-4 attempted | 0.24 | 8,707 |
| Grade 6 | 5-9 attempted | 0.27 | 5,554 |
| Grade 6 | 10-14 attempted | 0.28 | 3,815 |
| Grade 6 | 15-19 attempted | 0.27 | 2,555 |
| Grade 6 | 20+ attempted | 0.31 | 8,461 |
| Grade 7 | 0 attempted | 0.24 | 57,232 |
| Grade 7 | 1-4 attempted | 0.22 | 6,812 |
| Grade 7 | 5-9 attempted | 0.22 | 5,846 |
| Grade 7 | 10-14 attempted | 0.24 | 3,995 |
| Grade 7 | 15-19 attempted | 0.24 | 2,864 |
| Grade 7 | 20+ attempted | 0.27 | 8,647 |
| Grade 8 | 0 attempted | 0.33 | 51,112 |
| Grade 8 | 1-4 attempted | 0.28 | 8,411 |
| Grade 8 | 5-9 attempted | 0.33 | 4,437 |
| Grade 8 | 10-14 attempted | 0.34 | 2,820 |
| Grade 8 | 15-19 attempted | 0.31 | 2,040 |
| Grade 8 | 20+ attempted | 0.34 | 6,033 |

Figure B2. Mean Grade and Year Standardized Gain Score between 2012-13 and 2013-14 for Students in the Second Quartile of Scores on the 2012-13 STAAR-Mathematics Assessment, by Grade Level and Number of TTM Lessons Attempted, 2013-14

|  | Mean Standardized |  |  |
| :---: | :---: | :---: | :---: |
| Grade Level | Attempts Category | Gain Score | N |
| Grade 4 | 0 attempted | 0.06 | 45,484 |
| Grade 4 | 1-4 attempted | 0.03 | 6,860 |
| Grade 4 | 5-9 attempted | 0.05 | 9,232 |
| Grade 4 | 10-14 attempted | 0.05 | 6,347 |
| Grade 4 | 15-19 attempted | 0.06 | 4,582 |
| Grade 4 | 20+ attempted | 0.11 | 12,580 |
| Grade 5 | 0 attempted | 0.06 | 44,969 |
| Grade 5 | 1-4 attempted | 0.08 | 7,271 |
| Grade 5 | 5-9 attempted | 0.06 | 9,734 |
| Grade 5 | 10-14 attempted | 0.05 | 6,478 |
| Grade 5 | 15-19 attempted | 0.03 | 4,427 |
| Grade 5 | 20+ attempted | 0.07 | 12,717 |
| Grade 6 | 0 attempted | 0 | 56,081 |
| Grade 6 | 1-4 attempted | -0.04 | 9,810 |
| Grade 6 | 5-9 attempted | -0.01 | 5,749 |
| Grade 6 | 10-14 attempted | 0 | 3,649 |
| Grade 6 | 15-19 attempted | 0.01 | 2,419 |
| Grade 6 | 20+ attempted | 0.05 | 6,963 |
| Grade 7 | 0 attempted | 0.08 | 62,188 |
| Grade 7 | 1-4 attempted | 0.05 | 7,002 |
| Grade 7 | 5-9 attempted | 0.04 | 5,359 |
| Grade 7 | 10-14 attempted | 0.05 | 3,093 |
| Grade 7 | 15-19 attempted | 0.06 | 1,811 |
| Grade 7 | 20+ attempted | 0.13 | 4,496 |
| Grade 8 | 0 attempted | 0.2 | 56,270 |
| Grade 8 | 1-4 attempted | 0.1 | 8,285 |
| Grade 8 | 5-9 attempted | 0.14 | 3,864 |
| Grade 8 | 10-14 attempted | 0.14 | 2,330 |
| Grade 8 | 15-19 attempted | 0.17 | 1,402 |
| Grade 8 | 20+ attempted | 0.23 | 3,136 |

Figure B3. Mean Decile-Standardized Gain Scores between 2012-13 and 2013-14, by Grade Level and Number of TTM Lessons Attempted, 2013-14

|  |  | Mean DecileStandardized |  |
| :---: | :---: | :---: | :---: |
| Grade Level | Attempts | Gain Scores | N |
| Grade 4 | 0 attempted | 0 | 180,650 |
| Grade 4 | 1-4 attempted | -0.05 | 26,997 |
| Grade 4 | 5-9 attempted | -0.05 | 35,142 |
| Grade 4 | 10-14 attempted | -0.02 | 25,009 |
| Grade 4 | 15-19 attempted | -0.02 | 17,885 |
| Grade 4 | 20+ attempted | 0.08 | 54,228 |
| Grade 5 | 0 attempted | 0 | 178,125 |
| Grade 5 | 1-4 attempted | -0.01 | 28,767 |
| Grade 5 | 5-9 attempted | -0.02 | 35,640 |
| Grade 5 | 10-14 attempted | -0.03 | 24,257 |
| Grade 5 | 15-19 attempted | -0.06 | 16,742 |
| Grade 5 | 20+ attempted | 0.04 | 52,625 |
| Grade 6 | 0 attempted | -0.01 | 214,548 |
| Grade 6 | 1-4 attempted | -0.05 | 35,670 |
| Grade 6 | 5-9 attempted | 0 | 21,267 |
| Grade 6 | 10-14 attempted | 0.02 | 14,064 |
| Grade 6 | 15-19 attempted | 0.03 | 9,112 |
| Grade 6 | 20+ attempted | 0.16 | 30,030 |
| Grade 7 | 0 attempted | 0 | 227,148 |
| Grade 7 | 1-4 attempted | -0.04 | 25,608 |
| Grade 7 | 5-9 attempted | -0.05 | 18,682 |
| Grade 7 | 10-14 attempted | -0.02 | 11,409 |
| Grade 7 | 15-19 attempted | 0.01 | 7,513 |
| Grade 7 | 20+ attempted | 0.14 | 21,099 |
| Grade 8 | 0 attempted | 0 | 186,826 |
| Grade 8 | 1-4 attempted | -0.06 | 26,783 |
| Grade 8 | 5-9 attempted | 0.01 | 13,399 |
| Grade 8 | 10-14 attempted | 0.03 | 7,680 |
| Grade 8 | 15-19 attempted | 0.08 | 5,089 |
| Grade 8 | 20+ attempted | 0.11 | 13,314 |

Figure B4. Percentage of Students Who Attempted TTM Lessons, by Grade and Number of Lessons Attempted, 2013-14

|  | Student in performance tier that is above or |  |  |  |  |  |  | 10-14 |  | 15-19 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade Level | below peers | 0 Attempts | N | 1-4 Attempts | N | 5-9 Attempts | N | Attempts | N | Attempts | N | 20+ Attempts | N |
| Grade 4 | Lower | 53.53 | 58,069 | 8.42 | 58,069 | 10.59 | 58,069 | 7.43 | 58,069 | 5.24 | 58,069 | 14.80 | 58,069 |
| Grade 4 | Avg | 53.30 | 183,288 | 7.97 | 183,288 | 10.26 | 183,288 | 7.24 | 183,288 | 5.22 | 183,288 | 16.01 | 183,288 |
| Grade 4 | Higher | 53.22 | 107,505 | 7.82 | 107,505 | 10.26 | 107,505 | 7.40 | 107,505 | 5.24 | 107,505 | 16.05 | 107,505 |
| Grade 5 | Lower | 53.25 | 83,847 | 8.61 | 83,847 | 10.75 | 83,847 | 7.36 | 83,847 | 4.99 | 83,847 | 15.03 | 83,847 |
| Grade 5 | Avg | 53.38 | 172,721 | 8.44 | 172,721 | 10.21 | 172,721 | 7.06 | 172,721 | 5.02 | 172,721 | 15.89 | 172,721 |
| Grade 5 | Higher | 53.31 | 89,611 | 8.73 | 89,611 | 10.90 | 89,611 | 7.17 | 89,611 | 4.74 | 89,611 | 15.15 | 89,611 |
| Grade 6 | Lower | 66.64 | 86,395 | 11.14 | 86,395 | 6.49 | 86,395 | 4.22 | 86,395 | 2.86 | 86,395 | 8.64 | 86,395 |
| Grade 6 | Avg | 65.54 | 155,505 | 10.93 | 155,505 | 6.64 | 155,505 | 4.42 | 155,505 | 2.85 | 155,505 | 9.62 | 155,505 |
| Grade 6 | Higher | 66.63 | 94,396 | 10.81 | 94,396 | 6.47 | 94,396 | 4.26 | 94,396 | 2.68 | 94,396 | 9.15 | 94,396 |
| Grade 7 | Lower | 72.77 | 73,240 | 8.38 | 73,240 | 6.05 | 73,240 | 3.72 | 73,240 | 2.38 | 73,240 | 6.68 | 73,240 |
| Grade 7 | Avg | 72.72 | 196,857 | 8.27 | 196,857 | 5.86 | 196,857 | 3.63 | 196,857 | 2.46 | 196,857 | 7.05 | 196,857 |
| Grade 7 | Higher | 74.38 | 70,418 | 8.37 | 70,418 | 5.75 | 70,418 | 3.38 | 70,418 | 2.15 | 70,418 | 5.97 | 70,418 |
| Grade 8 | Lower | 74.32 | 75,357 | 10.54 | 75,357 | 5.26 | 75,357 | 3.07 | 75,357 | 1.93 | 75,357 | 4.88 | 75,357 |
| Grade 8 | Avg | 74.18 | 161,383 | 10.01 | 161,383 | 5.07 | 161,383 | 2.98 | 161,383 | 2.02 | 161,383 | 5.74 | 161,383 |
| Grade 8 | Higher | 75.50 | 72560 | 10.24 | 72,560 | 5.03 | 72,560 | 2.77 | 72,560 | 1.87 | 72,560 | 4.59 | 72,560 |

Figure B5. Percentage of Students Meeting the STAAR-Mathematics Passing Standard, by Grade and TTM Lessons Attempted and Passed (2013-14)

| Grade | Number of lessons passed category | Number of lessons attempted category | Percentage of Students who met Level 2 Phase-in 1 standard | N |
| :---: | :---: | :---: | :---: | :---: |
| Grade 3 | 0 passed | 0 attempted | 69.12 | 206,318 |
| Grade 3 | 0 passed | 1-4 attempted | 31.83 | 4,986 |
| Grade 3 | 0 passed | 5-9 attempted | 13.57 | 1,643 |
| Grade 3 | 0 passed | 10+ attempted | 5.80 | 1,706 |
| Grade 3 | 1-4 | 1-4 attempted | 73.93 | 16,194 |
| Grade 3 | 1-4 | 5-9 attempted | 65.60 | 28,910 |
| Grade 3 | 1-4 | 10+ attempted | 40.43 | 26,115 |
| Grade 3 | 5-9 | 5-9 attempted | 94.43 | 7,236 |
| Grade 3 | 5-9 | 10+ attempted | 76.68 | 35,386 |
| Grade 3 | 10-14 | 10+ attempted | 86.48 | 15,487 |
| Grade 3 | 15-19 | 10+ attempted | 88.77 | 6,998 |
| Grade 3 | 20+ | 10+ attempted | 95.22 | 17,283 |
| Grade 4 | 0 passed | 0 attempted | 69.78 | 191,809 |
| Grade 4 | 0 passed | 1-4 attempted | 55.02 | 7,101 |
| Grade 4 | 0 passed | 5-9 attempted | 18.02 | 749 |
| Grade 4 | 0 passed | 10+ attempted | 4.95 | 546 |
| Grade 4 | 1-4 | 1-4 attempted | 69.20 | 21,198 |
| Grade 4 | 1-4 | 5-9 attempted | 64.18 | 29,454 |
| Grade 4 | 1-4 | 10+ attempted | 33.27 | 19,207 |
| Grade 4 | 5-9 | 5-9 attempted | 95.49 | 6,669 |
| Grade 4 | 5-9 | 10+ attempted | 70.07 | 31,455 |
| Grade 4 | 10-14 | 10+ attempted | 82.88 | 18,250 |
| Grade 4 | 15-19 | 10+ attempted | 87.08 | 9,578 |
| Grade 4 | 20+ | 10+ attempted | 93.53 | 22,757 |
| Grade 5 | 0 passed | 0 attempted | 79.19 | 188,995 |
| Grade 5 | 0 passed | 1-4 attempted | 72.66 | 9,575 |
| Grade 5 | 0 passed | 5-9 attempted | 23.88 | 536 |
| Grade 5 | 0 passed | 10+ attempted | 13.57 | 258 |
| Grade 5 | 1-4 | 1-4 attempted | 85.96 | 20,474 |
| Grade 5 | 1-4 | 5-9 attempted | 75.47 | 27,983 |
| Grade 5 | 1-4 | 10+ attempted | 37.68 | 13,589 |
| Grade 5 | 5-9 | 5-9 attempted | 96.27 | 8,821 |
| Grade 5 | 5-9 | 10+ attempted | 72.54 | 32,982 |
| Grade 5 | 10-14 | 10+ attempted | 83.66 | 18,434 |
| Grade 5 | 15-19 | 10+ attempted | 87.55 | 10,508 |
| Grade 5 | 20+ | 10+ attempted | 94.23 | 22,357 |


| Figure B5. Percentage of Students Meeting the STAAR-Mathematics |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Passing Standard, by Grade and TTM Lessons Attempted and Passed (2013-14) |  |  |  |  |
| Grade 6 | 0 passed | 0 attempted | 78.89 | 228,317 |
| Grade 6 | 0 passed | 1-4 attempted | 67.68 | 19,516 |
| Grade 6 | 0 passed | 5-9 attempted | 40.40 | 2,282 |
| Grade 6 | 0 passed | 10+ attempted | 23.69 | 857 |
| Grade 6 | 1-4 | 1-4 attempted | 87.38 | 17,795 |
| Grade 6 | 1-4 | 5-9 attempted | 76.96 | 15,285 |
| Grade 6 | 1-4 | 10+ attempted | 43.71 | 7,834 |
| Grade 6 | 5-9 | 5-9 attempted | 95.81 | 4,774 |
| Grade 6 | 5-9 | 10+ attempted | 75.91 | 17,196 |
| Grade 6 | 10-14 | 10+ attempted | 84.71 | 9,854 |
| Grade 6 | 15-19 | $10+$ attempted | 87.92 | 6,327 |
| Grade 6 | 20+ | 10+ attempted | 93.44 | 14,069 |
| Grade 7 | 0 passed | 0 attempted | 68.33 | 241,999 |
| Grade 7 | 0 passed | 1-4 attempted | 59.47 | 13,126 |
| Grade 7 | 0 passed | 5-9 attempted | 32.80 | 875 |
| Grade 7 | 0 passed | 10+ attempted | 24.60 | 374 |
| Grade 7 | 1-4 | 1-4 attempted | 72.86 | 13,639 |
| Grade 7 | 1-4 | 5-9 attempted | 56.56 | 14,740 |
| Grade 7 | 1-4 | 10+ attempted | 24.52 | 6,473 |
| Grade 7 | 5-9 | 5-9 attempted | 89.58 | 4,041 |
| Grade 7 | 5-9 | 10+ attempted | 55.15 | 13,697 |
| Grade 7 | 10-14 | 10+ attempted | 71.03 | 7,761 |
| Grade 7 | 15-19 | 10+ attempted | 75.16 | 4,867 |
| Grade 7 | 20+ | 10+ attempted | 80.47 | 9,103 |
| Grade 8 | 0 passed | 0 attempted | 78.75 | 206,401 |
| Grade 8 | 0 passed | 1-4 attempted | 70.98 | 12,728 |
| Grade 8 | 0 passed | 5-9 attempted | 47.13 | 1,099 |
| Grade 8 | 0 passed | 10+ attempted | 34.04 | 332 |
| Grade 8 | 1-4 | 1-4 attempted | 78.45 | 16,035 |
| Grade 8 | 1-4 | 5-9 attempted | 74.10 | 10,948 |
| Grade 8 | 1-4 | 10+ attempted | 45.87 | 4,478 |
| Grade 8 | 5-9 | 5-9 attempted | 95.01 | 2,364 |
| Grade 8 | 5-9 | 10+ attempted | 69.94 | 10,368 |
| Grade 8 | 10-14 | $10+$ attempted | 79.27 | 5,017 |
| Grade 8 | 15-19 | 10+ attempted | 83.54 | 2,879 |
| Grade 8 | 20+ | 10+ attempted | 87.82 | 5,155 |

Figure 3.15. Average Number of TTM Attempts in 2013-14, by At-Risk Status and Grade Level

|  | At Risk | Average Number of <br> Grade Level | Indicator |
| :--- | :--- | :---: | :---: |
| TTM Attempts |  |  |  |$\quad$ N

Figure B6. Mean Decile-Standardized Gain Scores between 2012-13 and 2013-14 on STAAR-Mathematics, by Grade Level and TTM Usage

|  |  | Number of | Mean DecileStandardized Gain |  |
| :---: | :---: | :---: | :---: | :---: |
| Grade Level | At Risk Indicator | lessons attempted | Scores | N |
| Grade 5 | Not At Risk | 0 attempted | 0.05 | 91,082 |
| Grade 5 | Not At Risk | 1-4 attempted | 0.05 | 15,432 |
| Grade 5 | Not At Risk | 5-9 attempted | 0.02 | 17,782 |
| Grade 5 | Not At Risk | 10-14 attempted | 0.04 | 11,605 |
| Grade 5 | Not At Risk | 15-19 attempted | 0.01 | 7,348 |
| Grade 5 | Not At Risk | 20+ attempted | 0.16 | 24,556 |
| Grade 5 | At Risk | 0 attempted | -0.1 | 87,043 |
| Grade 5 | At Risk | 1-4 attempted | -0.09 | 13,335 |
| Grade 5 | At Risk | 5-9 attempted | -0.08 | 17,858 |
| Grade 5 | At Risk | 10-14 attempted | -0.14 | 12,652 |
| Grade 5 | At Risk | 15-19 attempted | -0.14 | 9,394 |
| Grade 5 | At Risk | 20+ attempted | -0.13 | 28,069 |
| Grade 8 | Not At Risk | 0 attempted | 0.05 | 87,521 |
| Grade 8 | Not At Risk | 1-4 attempted | 0 | 11,083 |
| Grade 8 | Not At Risk | 5-9 attempted | 0.07 | 5,651 |
| Grade 8 | Not At Risk | 10-14 attempted | 0.09 | 3,003 |
| Grade 8 | Not At Risk | 15-19 attempted | 0.21 | 1,948 |
| Grade 8 | Not At Risk | 20+ attempted | 0.26 | 4,868 |
| Grade 8 | At Risk | 0 attempted | -0.11 | 99,305 |
| Grade 8 | At Risk | 1-4 attempted | -0.14 | 15,700 |
| Grade 8 | At Risk | 5-9 attempted | -0.06 | 7,748 |
| Grade 8 | At Risk | 10-14 attempted | -0.02 | 4,677 |
| Grade 8 | At Risk | 15-19 attempted | -0.03 | 3,141 |
| Grade 8 | At Risk | 20+ attempted | 0 | 8,446 |

Figure 3.16. Percentage of Students Who Met Phase-In 1 Level II (Satisfactory) Standard on Second Administration of STAAR-Mathematics, by Interim TTM Usage, Grades 5 and 8, 2013-14

|  | Percentage of Students <br> Who Met Standard |  |  |
| :--- | :--- | :---: | :---: |
| Grade Level 5 | Student used system or not | No use | 41.76 |

Figure 3.17. Percentage of Students Who Met the Phase-In 1 Level II (Satisfactory) Standard on Second Administration of STAAR-Mathematics, by Interim TTM Usage, Grades 5 and 8, 2013-14 School Year

|  | Percentage of <br> Students Who |  |  |
| :--- | :--- | :---: | ---: |
| Grade Level | Number of Attempts | Met Standard |  | N

