

Section 6. Student Characteristics

Summary Statistics

The mean scale scores by content area for the 2011 administrations are presented in Table 6.1. Scores for all content areas were higher on average for the May administration compared with the October, January, April, and Summer administrations.

Table 6.1 MD HSA 2011 Mean Scale Scores by Administration

| Content Area | October | | | January | | | April | | | May | | | Summer | | |
|--------------|---------|-------|------|---------|-------|------|-------|-------|------|--------|-------|------|--------|-------|------|
| | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD |
| Algebra | 15,837 | 386.1 | 32.5 | 17,503 | 391.2 | 40.8 | 1,915 | 375.6 | 38.4 | 77,366 | 421.8 | 42.0 | 1,527 | 388.4 | 41.9 |
| Biology | 10,427 | 371.3 | 41.0 | 14,506 | 390.8 | 50.2 | 1,774 | 360.2 | 48.3 | 61,433 | 418.4 | 39.1 | 946 | 379.5 | 40.3 |
| English | 12,713 | 377.0 | 28.2 | 17,538 | 384.5 | 38.5 | 2,609 | 367.9 | 30.7 | 61,705 | 406.2 | 35.8 | 1,409 | 370.5 | 40.0 |
| Government | 9,971 | 371.7 | 34.3 | 15,825 | 392.7 | 42.7 | 1,657 | 379.6 | 41.8 | 58,430 | 415.6 | 40.7 | -- | -- | -- |

Note: The Government test was not issued after the May 2011 administration.

The results presented in Tables 6.2 to 6.3 are based on the combined results for students who took the tests in October 2010 and January, April, May, and Summer 2011. The mean scale scores are presented for the years 2003 to 2011 by content area in Table 6.2. Table 6.3 presents the passing rates for these years.

Table 6.2 MD HSA Mean Scale Scores over Test Years 2003-2011

| Content Area | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Algebra | 408.3 | 411.9 | 409.5 | 421.5 | 421.2 | 420.5 | 414.3 | 408.1 | 410.9 |
| Biology | 400.8 | 406.2 | 404.7 | 415.0 | 414.5 | 414.7 | 409.0 | 408.7 | 406.9 |
| English | -- | -- | -- | 393.0 | 412.0 | 404.3 | 399.7 | 398.2 | 396.8 |
| Government | 403.5 | 406.5 | 409.3 | 418.5 | 417.1 | 417.1 | 406.3 | 408.6 | 405.6 |

Note: The current English test was not administered prior to 2006.

Table 6.3 MD HSA Percentage Passing Rates (Proficient + Advanced) over Test Years 2003-2011

| Content Area | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--------------|------|------|------|------|------|------|------|------|------|
| Algebra | 53.1 | 59.3 | 54.5 | 66.6 | 63.3 | 62.0 | 53.3 | 46.6 | 49.1 |
| Biology | 54.3 | 62.0 | 58.4 | 67.8 | 70.1 | 68.4 | 60.0 | 59.1 | 57.9 |
| English | -- | -- | -- | 60.1 | 70.6 | 61.0 | 55.3 | 54.8 | 54.0 |
| Government | 39.8 | 54.6 | 67.1 | 74.1 | 73.3 | 71.5 | 61.1 | 61.7 | 62.1 |

Note: The current English test was not administered prior to 2006.

The Algebra and English tests are used for the high school mathematics and English/language arts components of the MSDE Adequate Yearly Progress report as required under the NCLB Act. Beginning with the January 2008 administration, Biology has been used for the NCLB science component. Table 6.4 presents the percentage of Algebra, Biology, and English students classified as Basic, Proficient, and Advanced in 2011.

Table 6.4 MD HSA Performance Classification Rates in 2011 for Algebra, Biology, and English

| Content Area | Basic | Proficient | Advanced |
|--------------|-------|------------|----------|
| Algebra | 50.9 | 31.2 | 17.9 |
| Biology | 42.1 | 43.3 | 14.7 |
| English | 46.0 | 36.0 | 18.0 |

Summary statistics for all students and for subgroups based on gender, special education programs, ethnicity, and English language fluency are presented in Tables 6.5 through 6.24. The tables include the number of students tested for whom valid scores were available, mean scale scores, and standard deviations of scale scores. In addition, raw score reliabilities are provided for the overall group of examinees and for subgroups. Figures 6.1 through 6.4 show the distributions of total scale scores for each content area for the May 2011 administration.

Table 6.5 Summary Statistics for MD HSA Algebra: October 2010 Form

| | | Primary Form R | | | | |
|----------------------------|---------------------------|----------------|------|--------|-------|-------|
| | | Mean | SD | N | % | Alpha |
| Overall | | 386.1 | 32.5 | 15,837 | 100.0 | 0.73 |
| Gender | | | | | | |
| | Male | 384.9 | 34.5 | 7,649 | 48.3 | 0.75 |
| | Female | 387.3 | 30.4 | 8,066 | 50.9 | 0.71 |
| | Missing | 385.9 | 28.8 | 122 | 0.8 | 0.74 |
| Special Education | | | | | | |
| | Yes | 374.4 | 39.2 | 1,848 | 11.7 | 0.73 |
| | No | 387.6 | 31.2 | 13,602 | 85.9 | 0.73 |
| | Exited | 391.1 | 26.3 | 122 | 0.8 | 0.69 |
| | Exited and placed in 504 | * | * | 18 | 0.1 | * |
| | 504 | 385.7 | 29.7 | 247 | 1.6 | 0.71 |
| Ethnicity | | | | | | |
| | American Indian | 399.5 | 24.0 | 65 | 0.4 | 0.75 |
| | Asian | 397.5 | 31.9 | 288 | 1.8 | 0.85 |
| | African American | 383.4 | 32.6 | 10,223 | 64.6 | 0.70 |
| | Hawaiian/Pacific Islander | * | * | 38 | 0.2 | * |
| | White | 392.8 | 30.8 | 3,142 | 19.8 | 0.76 |
| | Hispanic | 386.6 | 32.8 | 1,686 | 10.6 | 0.71 |
| | Missing | 388.6 | 30.3 | 395 | 2.5 | 0.75 |
| Limited English Proficient | | | | | | |
| | Yes | 381.2 | 36.9 | 670 | 4.2 | 0.73 |
| | No | 386.3 | 32.3 | 15,068 | 95.1 | 0.73 |
| | Exited | 395.3 | 27.8 | 99 | 0.6 | 0.78 |

* Statistics not reported for sample size less than 50 (N<50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.6 Summary Statistics for MD HSA Algebra: January 2011 Forms

| | Primary Forms A-B | | | | | Makeup Form C | | | | |
|-------------------------------|-------------------|------|--------|-------|-------|---------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 391.8 | 40.6 | 13,991 | 100.0 | 0.83 | 388.4 | 41.4 | 3,512 | 100.0 | 0.81 |
| Gender | | | | | | | | | | |
| Male | 390.6 | 43.1 | 6,934 | 49.6 | 0.84 | 386.5 | 45.2 | 1,609 | 45.8 | 0.83 |
| Female | 393.2 | 38.0 | 6,796 | 48.6 | 0.83 | 390.5 | 37.6 | 1,859 | 52.9 | 0.79 |
| Missing | 391.3 | 40.6 | 261 | 1.9 | 0.83 | * | * | 44 | 1.3 | * |
| Special Education | | | | | | | | | | |
| Yes | 378.2 | 46.4 | 1,795 | 12.8 | 0.81 | 377.0 | 46.8 | 337 | 9.6 | 0.80 |
| No | 394.0 | 39.3 | 11,741 | 83.9 | 0.83 | 390.0 | 40.4 | 3,028 | 86.2 | 0.81 |
| Exited | 387.4 | 50.0 | 113 | 0.8 | 0.85 | * | * | 33 | 0.9 | * |
| Exited and placed in 504 | * | * | 13 | 0.1 | * | * | * | 6 | 0.2 | * |
| 504 | 390.9 | 36.4 | 329 | 2.4 | 0.78 | 381.4 | 46.1 | 108 | 3.1 | 0.82 |
| Ethnicity | | | | | | | | | | |
| American Indian | 377.0 | 52.7 | 65 | 0.5 | 0.85 | * | * | 23 | 0.7 | * |
| Asian | 402.3 | 37.3 | 247 | 1.8 | 0.88 | 397.7 | 35.4 | 56 | 1.6 | 0.80 |
| African American | 383.9 | 39.6 | 7,633 | 54.6 | 0.76 | 382.2 | 41.6 | 2,038 | 58.0 | 0.76 |
| Hawaiian/ Pacific Islander | * | * | 11 | 0.1 | * | * | * | 6 | 0.2 | * |
| White | 407.4 | 38.2 | 4,076 | 29.1 | 0.86 | 400.5 | 38.7 | 990 | 28.2 | 0.84 |
| Hispanic | 387.7 | 39.8 | 1,381 | 9.9 | 0.79 | 388.8 | 38.6 | 288 | 8.2 | 0.81 |
| Missing | 394.1 | 40.3 | 578 | 4.1 | 0.84 | 386.2 | 47.6 | 111 | 3.2 | 0.84 |
| Limited English Proficient | | | | | | | | | | |
| Yes | 375.4 | 44.6 | 593 | 4.2 | 0.78 | 367.7 | 47.9 | 93 | 2.6 | 0.77 |
| No | 392.5 | 40.4 | 13,277 | 94.9 | 0.83 | 389.0 | 41.0 | 3,394 | 96.6 | 0.81 |
| Exited | 400.9 | 27.7 | 121 | 0.9 | 0.74 | * | * | 25 | 0.7 | * |

* Statistics not reported for sample size less than 50 (N<50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.7 Summary Statistics for MD HSA Algebra: April 2011 Form

| | Primary Form S | | | | |
|-------------------------------|----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha |
| Overall | 375.6 | 38.4 | 1,915 | 100.0 | 0.72 |
| Gender | | | | | |
| Male | 373.8 | 40.9 | 883 | 46.1 | 0.73 |
| Female | 376.7 | 36.5 | 981 | 51.2 | 0.71 |
| Missing | 385.1 | 26.0 | 51 | 2.7 | 0.62 |
| Special Education | | | | | |
| Yes | 367.5 | 46.1 | 174 | 9.1 | 0.79 |
| No | 376.9 | 36.9 | 1,698 | 88.7 | 0.71 |
| Exited | * | * | 9 | 0.5 | * |
| Exited and placed in 504 | * | * | 3 | 0.2 | * |
| 504 | * | * | 31 | 1.6 | * |
| Ethnicity | | | | | |
| American Indian | * | * | 8 | 0.4 | * |
| Asian | * | * | 35 | 1.8 | * |
| African American | 373.7 | 38.7 | 1,396 | 72.9 | 0.71 |
| Hawaiian/ Pacific Islander | * | * | 2 | 0.1 | * |
| White | 377.4 | 48.5 | 125 | 6.5 | 0.83 |
| Hispanic | 380.5 | 33.7 | 269 | 14.0 | 0.68 |
| Missing | 383.5 | 26.2 | 80 | 4.2 | 0.64 |
| Limited English Proficient | | | | | |
| Yes | 374.1 | 31.9 | 134 | 7.0 | 0.62 |
| No | 375.5 | 39.0 | 1,763 | 92.1 | 0.72 |
| Exited | * | * | 18 | 0.9 | * |

* Statistics not reported for sample size less than 50 ($N < 50$).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services

Table 6.8 Summary Statistics for MD HSA Algebra: May 2011 Forms

| | Primary Forms D-H, J-N | | | | | Makeup 1 Form X | | | | | Makeup 2 Form Y | | | | |
|----------------------------|------------------------|------|--------|-------|-------|-----------------|------|-------|-------|-------|-----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 422.7 | 41.9 | 70,511 | 100.0 | 0.93 | 409.1 | 41.7 | 4,785 | 100.0 | 0.91 | 418.6 | 42.4 | 2,070 | 100.0 | 0.93 |
| Gender | | | | | | | | | | | | | | | |
| Male | 422.4 | 43.8 | 35,438 | 50.3 | 0.93 | 409.1 | 43.9 | 2,351 | 49.1 | 0.92 | 418.4 | 43.2 | 1,036 | 50.0 | 0.93 |
| Female | 423.3 | 39.6 | 34,786 | 49.3 | 0.93 | 409.7 | 39.0 | 2,396 | 50.1 | 0.91 | 418.9 | 41.7 | 1,028 | 49.7 | 0.93 |
| Missing | 389.6 | 43.9 | 287 | 0.4 | 0.88 | * | * | 38 | 0.8 | * | * | * | 6 | 0.3 | * |
| Special Education | | | | | | | | | | | | | | | |
| Yes | 393.5 | 43.2 | 5,290 | 7.5 | 0.90 | 388.9 | 47.0 | 299 | 6.2 | 0.90 | 391.4 | 44.6 | 112 | 5.4 | 0.88 |
| No | 425.2 | 40.9 | 62,895 | 89.2 | 0.93 | 410.6 | 41.1 | 4,341 | 90.7 | 0.91 | 420.4 | 42.0 | 1,891 | 91.4 | 0.93 |
| Exited | 423.0 | 34.1 | 478 | 0.7 | 0.92 | * | * | 29 | 0.6 | * | * | * | 15 | 0.7 | * |
| Exited and placed in 504 | 435.0 | 36.6 | 82 | 0.1 | 0.91 | * | * | 2 | 0.0 | * | * | * | 4 | 0.2 | * |
| 504 | 419.9 | 40.1 | 1,766 | 2.5 | 0.92 | 406.7 | 35.0 | 114 | 2.4 | 0.90 | * | * | 48 | 2.3 | * |
| Ethnicity | | | | | | | | | | | | | | | |
| American Indian | 416.9 | 39.7 | 252 | 0.4 | 0.91 | * | * | 25 | 0.5 | * | * | * | 16 | 0.8 | * |
| Asian | 450.4 | 41.4 | 3,809 | 5.4 | 0.93 | 445.2 | 46.8 | 155 | 3.2 | 0.94 | 438.6 | 33.3 | 104 | 5.0 | 0.93 |
| African American | 402.8 | 37.9 | 28,156 | 39.9 | 0.89 | 395.5 | 35.9 | 2,462 | 51.5 | 0.85 | 400.5 | 41.3 | 831 | 40.1 | 0.89 |
| Hawaiian/Pacific Islander | 410.9 | 41.1 | 102 | 0.1 | 0.92 | * | * | 9 | 0.2 | * | * | * | 1 | 0.0 | * |
| White | 441.5 | 35.5 | 27,920 | 39.6 | 0.92 | 433.5 | 37.8 | 1,377 | 28.8 | 0.91 | 436.0 | 35.3 | 845 | 40.8 | 0.92 |
| Hispanic | 412.4 | 38.9 | 7,835 | 11.1 | 0.91 | 400.5 | 37.0 | 592 | 12.4 | 0.89 | 410.5 | 39.7 | 196 | 9.5 | 0.90 |
| Missing | 429.1 | 41.7 | 2,437 | 3.5 | 0.93 | 407.4 | 52.9 | 165 | 3.4 | 0.93 | 422.7 | 51.0 | 77 | 3.7 | 0.94 |
| Limited English Proficient | | | | | | | | | | | | | | | |
| Yes | 396.5 | 44.1 | 2,824 | 4.0 | 0.91 | 387.7 | 39.5 | 120 | 2.5 | 0.89 | 395.2 | 48.5 | 59 | 2.9 | 0.93 |
| No | 423.8 | 41.5 | 66,863 | 94.8 | 0.93 | 409.7 | 41.7 | 4,644 | 97.1 | 0.91 | 419.3 | 42.1 | 1,993 | 96.3 | 0.93 |
| Exited | 425.9 | 34.4 | 824 | 1.2 | 0.91 | * | * | 21 | 0.4 | * | * | * | 18 | 0.9 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.9 Summary Statistics for MD HSA Algebra: Summer 2011 Forms

| | Primary 1 Form P | | | | | Primary 2 Form Q | | | | |
|-------------------------------|------------------|------|-----|-------|-------|------------------|------|-----|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 392.2 | 39.9 | 749 | 100.0 | 0.85 | 384.7 | 43.4 | 778 | 100.0 | 0.84 |
| Gender | | | | | | | | | | |
| Male | 390.9 | 41.6 | 400 | 53.4 | 0.85 | 385.8 | 43.2 | 416 | 53.5 | 0.84 |
| Female | 394.0 | 37.9 | 346 | 46.2 | 0.84 | 383.8 | 43.5 | 336 | 43.2 | 0.84 |
| Missing | * | * | 3 | 0.4 | * | * | * | 26 | 3.3 | * |
| Special Education | | | | | | | | | | |
| Yes | 368.7 | 45.9 | 80 | 10.7 | 0.81 | 377.3 | 46.7 | 61 | 7.8 | 0.81 |
| No | 395.3 | 37.9 | 649 | 86.6 | 0.85 | 385.2 | 43.5 | 690 | 88.7 | 0.84 |
| Exited | * | * | 3 | 0.4 | * | * | * | 4 | 0.5 | * |
| Exited and placed in 504 | * | * | 0 | 0.0 | * | * | * | 0 | 0.0 | * |
| 504 | * | * | 17 | 2.3 | * | * | * | 23 | 3.0 | * |
| Ethnicity | | | | | | | | | | |
| American Indian | * | * | 3 | 0.4 | * | * | * | 7 | 0.9 | * |
| Asian | * | * | 10 | 1.3 | * | * | * | 12 | 1.5 | * |
| African American | 388.7 | 40.1 | 350 | 46.7 | 0.83 | 381.0 | 42.6 | 517 | 66.5 | 0.81 |
| Hawaiian/ Pacific Islander | * | * | 1 | 0.1 | * | * | * | 4 | 0.5 | * |
| White | 392.8 | 40.7 | 265 | 35.4 | 0.87 | 394.6 | 43.1 | 130 | 16.7 | 0.84 |
| Hispanic | 401.1 | 38.2 | 105 | 14.0 | 0.84 | * | * | 37 | 4.8 | * |
| Missing | * | * | 15 | 2.0 | * | 381.6 | 40.1 | 71 | 9.1 | 0.84 |
| Limited English Proficient | | | | | | | | | | |
| Yes | * | * | 10 | 1.3 | * | * | * | 9 | 1.2 | * |
| No | 392.4 | 39.7 | 734 | 98.0 | 0.85 | 384.3 | 43.3 | 767 | 98.6 | 0.83 |
| Exited | * | * | 5 | 0.7 | * | * | * | 2 | 0.3 | * |

* Statistics not reported for sample size less than 50 ($N < 50$).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition service

Table 6.10 Summary Statistics for MD HSA Biology: October 2010 Form

| | Primary Form R | | | | |
|-------------------------------|----------------|------|--------|-------|-------|
| | Mean | SD | N | % | Alpha |
| Overall | 371.3 | 41.0 | 10,427 | 100.0 | 0.65 |
| Gender | | | | | |
| Male | 370.5 | 43.1 | 4,942 | 47.4 | 0.69 |
| Female | 372.1 | 38.9 | 5,342 | 51.2 | 0.60 |
| Missing | 369.4 | 44.1 | 143 | 1.4 | 0.63 |
| Special Education | | | | | |
| Yes | 357.6 | 49.6 | 1,213 | 11.6 | 0.52 |
| No | 373.3 | 39.2 | 8,981 | 86.1 | 0.66 |
| Exited | 377.3 | 31.7 | 81 | 0.8 | 0.47 |
| Exited and placed in 504 | * | * | 6 | 0.1 | * |
| 504 | 361.8 | 47.9 | 146 | 1.4 | 0.45 |
| Ethnicity | | | | | |
| American Indian | 361.1 | 52.4 | 57 | 0.5 | 0.64 |
| Asian | 379.4 | 38.8 | 234 | 2.2 | 0.79 |
| African American | 367.8 | 41.0 | 6,912 | 66.3 | 0.50 |
| Hawaiian/ Pacific Islander | * | * | 28 | 0.3 | * |
| White | 382.2 | 40.0 | 1,806 | 17.3 | 0.82 |
| Hispanic | 373.8 | 38.9 | 1,065 | 10.2 | 0.58 |
| Missing | 374.1 | 40.6 | 325 | 3.1 | 0.60 |
| Limited English Proficient | | | | | |
| Yes | 370.5 | 38.9 | 371 | 3.6 | 0.48 |
| No | 371.3 | 41.2 | 9,992 | 95.8 | 0.65 |
| Exited | 377.0 | 25.8 | 64 | 0.6 | 0.41 |

* Statistics not reported for sample size less than 50 ($N < 50$).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.11 Summary Statistics for MD HSA Biology: January 2011 Forms

| | Primary Forms A-B | | | | | Makeup Form C | | | | |
|-------------------------------|-------------------|------|--------|-------|-------|---------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 392.6 | 50.6 | 11,744 | 100.0 | 0.94 | 382.9 | 47.5 | 2,762 | 100.0 | 0.92 |
| Gender | | | | | | | | | | |
| Male | 392.7 | 54.0 | 5,772 | 49.1 | 0.94 | 382.7 | 50.8 | 1,363 | 49.3 | 0.92 |
| Female | 393.1 | 46.9 | 5,862 | 49.9 | 0.93 | 383.7 | 43.9 | 1,369 | 49.6 | 0.91 |
| Missing | 365.5 | 46.7 | 110 | 0.9 | 0.77 | * | * | 30 | 1.1 | * |
| Special Education | | | | | | | | | | |
| Yes | 368.4 | 53.9 | 808 | 6.9 | 0.90 | 365.4 | 46.6 | 518 | 18.8 | 0.82 |
| No | 394.7 | 49.8 | 10,536 | 89.7 | 0.94 | 386.8 | 47.2 | 2,146 | 77.7 | 0.92 |
| Exited | 390.4 | 45.7 | 134 | 1.1 | 0.92 | * | * | 15 | 0.5 | * |
| Exited and placed in 504 | * | * | 12 | 0.1 | * | * | * | 5 | 0.2 | * |
| 504 | 385.6 | 53.3 | 254 | 2.2 | 0.93 | 387.2 | 38.1 | 78 | 2.8 | 0.91 |
| Ethnicity | | | | | | | | | | |
| American Indian | * | * | 43 | 0.4 | * | * | * | 11 | 0.4 | * |
| Asian | 405.0 | 52.7 | 270 | 2.3 | 0.96 | 383.2 | 58.3 | 64 | 2.3 | 0.94 |
| African American | 367.9 | 43.8 | 5,403 | 46.0 | 0.82 | 365.7 | 42.9 | 1,261 | 45.7 | 0.78 |
| Hawaiian/ Pacific Islander | * | * | 7 | 0.1 | * | * | * | 0 | 0.0 | * |
| White | 422.0 | 42.8 | 4,694 | 40.0 | 0.94 | 404.9 | 44.1 | 1,073 | 38.8 | 0.94 |
| Hispanic | 385.4 | 42.7 | 960 | 8.2 | 0.91 | 375.5 | 43.6 | 256 | 9.3 | 0.86 |
| Missing | 394.6 | 52.3 | 367 | 3.1 | 0.93 | 382.4 | 46.4 | 97 | 3.5 | 0.91 |
| Limited English Proficient | | | | | | | | | | |
| Yes | 361.5 | 43.6 | 274 | 2.3 | 0.82 | 357.2 | 45.8 | 94 | 3.4 | 0.70 |
| No | 393.4 | 50.6 | 11,374 | 96.8 | 0.94 | 383.9 | 47.1 | 2,641 | 95.6 | 0.92 |
| Exited | 395.3 | 36.4 | 96 | 0.8 | 0.90 | * | * | 27 | 1.0 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.12 Summary Statistics for MD HSA Biology: April 2011 Form

| | Primary Form S | | | | |
|----------------------------|----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha |
| Overall | 360.2 | 48.3 | 1,774 | 100.0 | 0.66 |
| Gender | | | | | |
| Male | 359.6 | 50.0 | 826 | 46.6 | 0.70 |
| Female | 360.5 | 46.9 | 937 | 52.8 | 0.62 |
| Missing | * | * | 11 | 0.6 | * |
| Special Education | | | | | |
| Yes | 357.6 | 48.3 | 140 | 7.9 | 0.59 |
| No | 360.5 | 48.2 | 1,590 | 89.6 | 0.67 |
| Exited | * | * | 12 | 0.7 | * |
| Exited and placed in 504 | * | * | 0 | 0.0 | * |
| 504 | * | * | 32 | 1.8 | * |
| Ethnicity | | | | | |
| American Indian | * | * | 6 | 0.3 | * |
| Asian | * | * | 35 | 2.0 | * |
| African American | 356.8 | 49.8 | 1,348 | 76.0 | 0.63 |
| Hawaiian/Pacific Islander | * | * | 3 | 0.2 | * |
| White | 376.2 | 44.6 | 132 | 7.4 | 0.79 |
| Hispanic | 367.7 | 39.5 | 226 | 12.7 | 0.51 |
| Missing | * | * | 24 | 1.4 | * |
| Limited English Proficient | | | | | |
| Yes | 364.2 | 44.7 | 124 | 7.0 | 0.68 |
| No | 359.6 | 48.7 | 1,627 | 91.7 | 0.66 |
| Exited | * | * | 23 | 1.3 | * |

* Statistics not reported for sample size less than 50 ($N < 50$).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition service.

Table 6.13 Summary Statistics for MD HSA Biology: May 2011 Forms

| | Primary Forms D-H, J-N | | | | | Makeup 1 Form X | | | | | Makeup 2 Form Y | | | | |
|----------------------------|------------------------|------|--------|-------|-------|-----------------|------|-------|-------|-------|-----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 419.3 | 38.7 | 55,919 | 100.0 | 0.94 | 404.9 | 42.6 | 3,386 | 100.0 | 0.94 | 417.7 | 38.9 | 2,128 | 100.0 | 0.94 |
| Gender | | | | | | | | | | | | | | | |
| Male | 419.9 | 40.5 | 27,465 | 49.1 | 0.94 | 403.2 | 45.5 | 1,661 | 49.1 | 0.94 | 418.9 | 40.6 | 1,095 | 51.5 | 0.94 |
| Female | 418.8 | 36.8 | 28,355 | 50.7 | 0.94 | 407.3 | 39.3 | 1,691 | 49.9 | 0.94 | 416.5 | 37.0 | 1,032 | 48.5 | 0.93 |
| Missing | 385.8 | 39.8 | 99 | 0.2 | 0.90 | * | * | 34 | 1.0 | * | * | * | 1 | 0.0 | * |
| Special Education | | | | | | | | | | | | | | | |
| Yes | 390.3 | 42.0 | 3,839 | 6.9 | 0.92 | 382.6 | 40.0 | 206 | 6.1 | 0.90 | 390.9 | 39.3 | 119 | 5.6 | 0.91 |
| No | 421.7 | 37.5 | 50,377 | 90.1 | 0.94 | 406.6 | 42.3 | 3,071 | 90.7 | 0.94 | 420.0 | 38.1 | 1,924 | 90.4 | 0.94 |
| Exited | 409.3 | 39.1 | 285 | 0.5 | 0.93 | * | * | 20 | 0.6 | * | * | * | 15 | 0.7 | * |
| Exited and placed in 504 | 422.5 | 32.8 | 56 | 0.1 | 0.92 | * | * | 4 | 0.1 | * | * | * | 4 | 0.2 | * |
| 504 | 414.8 | 40.3 | 1,362 | 2.4 | 0.94 | 401.0 | 41.3 | 85 | 2.5 | 0.92 | 405.0 | 40.0 | 66 | 3.1 | 0.93 |
| Ethnicity | | | | | | | | | | | | | | | |
| American Indian | 414.5 | 39.9 | 213 | 0.4 | 0.93 | * | * | 16 | 0.5 | * | * | * | 8 | 0.4 | * |
| Asian | 443.8 | 36.2 | 3,360 | 6.0 | 0.94 | 436.1 | 39.4 | 146 | 4.3 | 0.94 | 443.0 | 30.6 | 115 | 5.4 | 0.92 |
| African American | 400.3 | 35.4 | 21,573 | 38.6 | 0.91 | 388.7 | 38.7 | 1,613 | 47.6 | 0.90 | 399.8 | 39.7 | 759 | 35.7 | 0.92 |
| Hawaiian/Pacific Islander | 419.7 | 35.5 | 60 | 0.1 | 0.93 | * | * | 2 | 0.1 | * | * | * | 5 | 0.2 | * |
| White | 434.6 | 33.9 | 23,304 | 41.7 | 0.93 | 423.4 | 39.5 | 1,175 | 34.7 | 0.94 | 428.6 | 34.3 | 974 | 45.8 | 0.93 |
| Hispanic | 412.3 | 34.9 | 5,756 | 10.3 | 0.93 | 403.5 | 35.9 | 299 | 8.8 | 0.92 | 413.7 | 32.5 | 196 | 9.2 | 0.92 |
| Missing | 427.2 | 39.1 | 1,653 | 3.0 | 0.95 | 406.7 | 48.5 | 135 | 4.0 | 0.95 | 429.7 | 39.0 | 71 | 3.3 | 0.95 |
| Limited English Proficient | | | | | | | | | | | | | | | |
| Yes | 395.8 | 38.3 | 1,486 | 2.7 | 0.92 | * | * | 45 | 1.3 | * | * | * | 31 | 1.5 | * |
| No | 420.0 | 38.5 | 53,922 | 96.4 | 0.94 | 405.1 | 42.6 | 3,313 | 97.8 | 0.94 | 418.0 | 38.9 | 2,084 | 97.9 | 0.94 |
| Exited | 418.6 | 34.5 | 511 | 0.9 | 0.93 | * | * | 28 | 0.8 | * | * | * | 13 | 0.6 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.14 Summary Statistics for MD HSA Biology: Summer 2011 Forms

| | Primary 1 Form P | | | | | Primary 2 Form Q | | | | |
|-------------------------------|------------------|------|-----|-------|-------|------------------|------|-----|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 371.4 | 41.8 | 380 | 100.0 | 0.82 | 384.9 | 38.3 | 566 | 100.0 | 0.86 |
| Gender | | | | | | | | | | |
| Male | 370.6 | 45.1 | 181 | 47.6 | 0.83 | 385.2 | 41.1 | 310 | 54.8 | 0.88 |
| Female | 374.9 | 35.9 | 182 | 47.9 | 0.81 | 385.0 | 34.1 | 246 | 43.5 | 0.84 |
| Missing | * | * | 17 | 4.5 | * | * | * | 10 | 1.8 | * |
| Special Education | | | | | | | | | | |
| Yes | * | * | 47 | 12.4 | * | * | * | 47 | 8.3 | * |
| No | 372.7 | 41.8 | 326 | 85.8 | 0.81 | 385.5 | 38.0 | 505 | 89.2 | 0.86 |
| Exited | * | * | 0 | 0.0 | * | * | * | 4 | 0.7 | * |
| Exited and placed in 504 | * | * | 0 | 0.0 | * | * | * | 1 | 0.2 | * |
| 504 | * | * | 7 | 1.8 | * | * | * | 9 | 1.6 | * |
| Ethnicity | | | | | | | | | | |
| American Indian | * | * | 2 | 0.5 | * | * | * | 3 | 0.5 | * |
| Asian | * | * | 5 | 1.3 | * | * | * | 7 | 1.2 | * |
| African American | 369.9 | 40.7 | 192 | 50.5 | 0.83 | 381.6 | 39.4 | 397 | 70.1 | 0.85 |
| Hawaiian/ Pacific Islander | * | * | 1 | 0.3 | * | * | * | 2 | 0.4 | * |
| White | 378.1 | 39.0 | 131 | 34.5 | 0.77 | 394.8 | 34.7 | 98 | 17.3 | 0.89 |
| Hispanic | * | * | 18 | 4.7 | * | * | * | 24 | 4.2 | * |
| Missing | * | * | 31 | 8.2 | * | * | * | 35 | 6.2 | * |
| Limited English Proficient | | | | | | | | | | |
| Yes | * | * | 5 | 1.3 | * | * | * | 11 | 1.9 | * |
| No | 371.3 | 42.1 | 375 | 98.7 | 0.82 | 384.6 | 38.6 | 554 | 97.9 | 0.86 |
| Exited | * | * | 0 | 0.0 | * | * | * | 1 | 0.2 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.15 Summary Statistics for MD HSA English: October 2010 Form

| | Primary Form R | | | | |
|----------------------------|----------------|------|--------|-------|-------|
| | Mean | SD | N | % | Alpha |
| Overall | 377.0 | 28.2 | 12,713 | 100.0 | 0.81 |
| Gender | | | | | |
| Male | 373.5 | 30.2 | 6,982 | 54.9 | 0.81 |
| Female | 381.2 | 24.9 | 5,614 | 44.2 | 0.80 |
| Missing | 387.4 | 24.9 | 117 | 0.9 | 0.82 |
| Special Education | | | | | |
| Yes | 367.8 | 32.8 | 1,654 | 13.0 | 0.80 |
| No | 378.6 | 27.1 | 10,770 | 84.7 | 0.80 |
| Exited | 372.2 | 28.1 | 90 | 0.7 | 0.73 |
| Exited and placed in 504 | * | * | 7 | 0.1 | * |
| 504 | 371.2 | 28.1 | 192 | 1.5 | 0.80 |
| Ethnicity | | | | | |
| American Indian | * | * | 39 | 0.3 | * |
| Asian | 378.6 | 27.3 | 376 | 3.0 | 0.84 |
| African American | 376.1 | 27.7 | 7,781 | 61.2 | 0.79 |
| Hawaiian/ Pacific Islander | * | * | 39 | 0.3 | * |
| White | 378.7 | 31.0 | 2,692 | 21.2 | 0.84 |
| Hispanic | 378.0 | 25.0 | 1,431 | 11.3 | 0.79 |
| Missing | 379.8 | 29.3 | 355 | 2.8 | 0.83 |
| Limited English Proficient | | | | | |
| Yes | 369.1 | 26.1 | 567 | 4.5 | 0.78 |
| No | 377.4 | 28.3 | 12,035 | 94.7 | 0.81 |
| Exited | 381.3 | 25.2 | 111 | 0.9 | 0.83 |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.16 Summary Statistics for MD HSA English: January 2011 Forms

| | Primary Forms A-B | | | | | Makeup Form C | | | | |
|----------------------------|-------------------|------|--------|-------|-------|---------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 384.8 | 39.5 | 14,912 | 100.0 | 0.90 | 383.3 | 32.4 | 2,626 | 100.0 | 0.88 |
| Gender | | | | | | | | | | |
| Male | 379.5 | 41.3 | 7,988 | 53.6 | 0.89 | 379.7 | 33.0 | 1,441 | 54.9 | 0.87 |
| Female | 391.1 | 36.3 | 6,753 | 45.3 | 0.90 | 387.8 | 31.2 | 1,173 | 44.7 | 0.88 |
| Missing | 378.7 | 34.5 | 171 | 1.1 | 0.83 | * | * | 12 | 0.5 | * |
| Special Education | | | | | | | | | | |
| Yes | 363.5 | 41.6 | 1,582 | 10.6 | 0.83 | 369.2 | 29.7 | 227 | 8.6 | 0.80 |
| No | 387.7 | 38.3 | 12,811 | 85.9 | 0.90 | 384.9 | 32.2 | 2,287 | 87.1 | 0.88 |
| Exited | 378.0 | 34.9 | 161 | 1.1 | 0.87 | * | * | 29 | 1.1 | * |
| Exited and placed in 504 | * | * | 26 | 0.2 | * | * | * | 3 | 0.1 | * |
| 504 | 376.8 | 42.1 | 332 | 2.2 | 0.88 | 377.3 | 37.7 | 80 | 3.0 | 0.90 |
| Ethnicity | | | | | | | | | | |
| American Indian | 377.3 | 47.7 | 62 | 0.4 | 0.90 | * | * | 17 | 0.6 | * |
| Asian | 388.9 | 36.0 | 410 | 2.7 | 0.89 | 384.5 | 25.1 | 71 | 2.7 | 0.85 |
| African American | 370.4 | 36.3 | 6,534 | 43.8 | 0.81 | 374.0 | 29.2 | 1,226 | 46.7 | 0.80 |
| Hawaiian/Pacific Islander | * | * | 22 | 0.1 | * | * | * | 1 | 0.0 | * |
| White | 401.9 | 37.4 | 5,934 | 39.8 | 0.91 | 395.0 | 34.3 | 989 | 37.7 | 0.90 |
| Hispanic | 378.3 | 34.6 | 1,423 | 9.5 | 0.86 | 380.6 | 26.0 | 259 | 9.9 | 0.84 |
| Missing | 385.0 | 38.0 | 527 | 3.5 | 0.89 | 389.3 | 34.4 | 63 | 2.4 | 0.90 |
| Limited English Proficient | | | | | | | | | | |
| Yes | 362.5 | 34.8 | 509 | 3.4 | 0.77 | 369.8 | 25.0 | 81 | 3.1 | 0.78 |
| No | 385.5 | 39.6 | 14,232 | 95.4 | 0.90 | 383.8 | 32.6 | 2,511 | 95.6 | 0.88 |
| Exited | 385.6 | 25.0 | 171 | 1.1 | 0.83 | * | * | 34 | 1.3 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.17 Summary Statistics for MD HSA English: April 2011 Form

| | Primary Form S | | | | |
|----------------------------|----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha |
| Overall | 367.9 | 30.7 | 2,609 | 100.0 | 0.81 |
| Gender | | | | | |
| Male | 365.2 | 32.8 | 1,392 | 53.4 | 0.82 |
| Female | 370.5 | 27.3 | 1,162 | 44.5 | 0.79 |
| Missing | 379.9 | 34.6 | 55 | 2.1 | 0.86 |
| Special Education | | | | | |
| Yes | 365.4 | 30.8 | 213 | 8.2 | 0.80 |
| No | 368.2 | 30.7 | 2,340 | 89.7 | 0.81 |
| Exited | * | * | 16 | 0.6 | * |
| Exited and placed in 504 | * | * | 3 | 0.1 | * |
| 504 | * | * | 37 | 1.4 | * |
| Ethnicity | | | | | |
| American Indian | * | * | 8 | 0.3 | * |
| Asian | 374.0 | 25.8 | 115 | 4.4 | 0.77 |
| African American | 365.6 | 31.1 | 1,718 | 65.8 | 0.81 |
| Hawaiian/Pacific Islander | * | * | 3 | 0.1 | * |
| White | 370.4 | 37.6 | 234 | 9.0 | 0.87 |
| Hispanic | 371.5 | 24.7 | 449 | 17.2 | 0.77 |
| Missing | 378.6 | 30.2 | 82 | 3.1 | 0.84 |
| Limited English Proficient | | | | | |
| Yes | 365.4 | 22.6 | 225 | 8.6 | 0.69 |
| No | 368.0 | 31.4 | 2,351 | 90.1 | 0.82 |
| Exited | * | * | 33 | 1.3 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.18 Summary Statistics for MD HSA English: May 2011 Forms

| | Primary Forms D-H, J-N | | | | | Makeup 1 Form X | | | | | Makeup 2 Form Y | | | | |
|----------------------------|------------------------|------|--------|-------|-------|-----------------|------|-------|-------|-------|-----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 407.0 | 35.1 | 56,107 | 100.0 | 0.90 | 393.7 | 41.4 | 3,579 | 100.0 | 0.91 | 405.0 | 39.7 | 2,019 | 100.0 | 0.91 |
| Gender | | | | | | | | | | | | | | | |
| Male | 402.5 | 37.2 | 28,476 | 50.8 | 0.90 | 389.3 | 42.7 | 1,871 | 52.3 | 0.90 | 397.8 | 43.6 | 999 | 49.5 | 0.91 |
| Female | 411.9 | 32.1 | 27,486 | 49.0 | 0.89 | 398.9 | 39.0 | 1,672 | 46.7 | 0.91 | 412.1 | 34.1 | 1,020 | 50.5 | 0.90 |
| Missing | 379.7 | 41.4 | 145 | 0.3 | 0.88 | * | * | 36 | 1.0 | * | * | * | 0 | 0.0 | * |
| Special Education | | | | | | | | | | | | | | | |
| Yes | 376.7 | 39.9 | 4,138 | 7.4 | 0.87 | 371.2 | 44.2 | 195 | 5.4 | 0.88 | 368.1 | 48.1 | 116 | 5.7 | 0.88 |
| No | 409.9 | 33.3 | 50,255 | 89.6 | 0.89 | 395.2 | 40.7 | 3,277 | 91.6 | 0.91 | 408.1 | 37.5 | 1,845 | 91.4 | 0.91 |
| Exited | 391.3 | 33.7 | 288 | 0.5 | 0.86 | * | * | 17 | 0.5 | * | * | * | 11 | 0.5 | * |
| Exited and placed in 504 | 402.4 | 25.6 | 62 | 0.1 | 0.87 | * | * | 3 | 0.1 | * | * | * | 3 | 0.1 | * |
| 504 | 397.2 | 39.7 | 1,364 | 2.4 | 0.89 | 395.5 | 33.2 | 87 | 2.4 | 0.88 | * | * | 44 | 2.2 | * |
| Ethnicity | | | | | | | | | | | | | | | |
| American Indian | 405.5 | 34.0 | 248 | 0.4 | 0.89 | * | * | 19 | 0.5 | * | * | * | 8 | 0.4 | * |
| Asian | 422.4 | 31.7 | 3,363 | 6.0 | 0.89 | 395.6 | 52.6 | 217 | 6.1 | 0.94 | 424.2 | 35.0 | 150 | 7.4 | 0.90 |
| African American | 394.5 | 34.0 | 21,493 | 38.3 | 0.88 | 380.9 | 40.4 | 1,678 | 46.9 | 0.88 | 389.1 | 40.0 | 716 | 35.5 | 0.89 |
| Hawaiian/Pacific Islander | * | * | 45 | 0.1 | * | * | * | 5 | 0.1 | * | * | * | 3 | 0.1 | * |
| White | 418.0 | 32.4 | 23,435 | 41.8 | 0.89 | 413.1 | 31.3 | 1,177 | 32.9 | 0.89 | 416.6 | 34.4 | 882 | 43.7 | 0.90 |
| Hispanic | 398.2 | 33.0 | 5,625 | 10.0 | 0.88 | 387.9 | 40.7 | 340 | 9.5 | 0.89 | 395.1 | 38.5 | 191 | 9.5 | 0.90 |
| Missing | 412.1 | 35.4 | 1,898 | 3.4 | 0.90 | 398.4 | 44.3 | 143 | 4.0 | 0.91 | 409.7 | 44.1 | 69 | 3.4 | 0.92 |
| Limited English Proficient | | | | | | | | | | | | | | | |
| Yes | 376.9 | 36.6 | 1,489 | 2.7 | 0.86 | 366.4 | 45.4 | 73 | 2.0 | 0.85 | * | * | 29 | 1.4 | * |
| No | 408.0 | 34.7 | 54,117 | 96.5 | 0.90 | 394.3 | 41.3 | 3,466 | 96.8 | 0.91 | 405.8 | 39.4 | 1,969 | 97.5 | 0.91 |
| Exited | 395.2 | 30.8 | 501 | 0.9 | 0.85 | * | * | 40 | 1.1 | * | * | * | 21 | 1.0 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.19 Summary Statistics for MD HSA English: Summer 2011 Forms

| | Primary 1 Form P | | | | | Primary 2 Form Q | | | | |
|-------------------------------|------------------|------|-----|-------|-------|------------------|------|-----|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 370.1 | 39.4 | 696 | 100.0 | 0.80 | 370.8 | 40.5 | 713 | 100.0 | 0.82 |
| Gender | | | | | | | | | | |
| Male | 365.9 | 41.5 | 407 | 58.5 | 0.79 | 368.5 | 42.9 | 405 | 56.8 | 0.83 |
| Female | 376.0 | 35.5 | 288 | 41.4 | 0.80 | 376.1 | 35.4 | 286 | 40.1 | 0.80 |
| Missing | * | * | 1 | 0.1 | * | * | * | 22 | 3.1 | * |
| Special Education | | | | | | | | | | |
| Yes | 358.9 | 53.5 | 81 | 11.6 | 0.84 | 364.4 | 44.9 | 54 | 7.6 | 0.82 |
| No | 371.5 | 36.7 | 588 | 84.5 | 0.78 | 370.9 | 40.1 | 639 | 89.6 | 0.82 |
| Exited | * | * | 4 | 0.6 | * | * | * | 2 | 0.3 | * |
| Exited and placed in 504 | * | * | 1 | 0.1 | * | * | * | 0 | 0.0 | * |
| 504 | * | * | 22 | 3.2 | * | * | * | 18 | 2.5 | * |
| Ethnicity | | | | | | | | | | |
| American Indian | * | * | 3 | 0.4 | * | * | * | 7 | 1.0 | * |
| Asian | * | * | 11 | 1.6 | * | * | * | 13 | 1.8 | * |
| African American | 369.8 | 37.5 | 350 | 50.3 | 0.79 | 367.6 | 39.5 | 454 | 63.7 | 0.79 |
| Hawaiian/ Pacific Islander | * | * | 4 | 0.6 | * | * | * | 1 | 0.1 | * |
| White | 369.6 | 44.2 | 204 | 29.3 | 0.82 | 383.8 | 38.9 | 147 | 20.6 | 0.85 |
| Hispanic | 375.1 | 31.0 | 108 | 15.5 | 0.72 | * | * | 32 | 4.5 | * |
| Missing | * | * | 16 | 2.3 | * | 359.2 | 44.7 | 59 | 8.3 | 0.78 |
| Limited English Proficient | | | | | | | | | | |
| Yes | * | * | 16 | 2.3 | * | * | * | 14 | 2.0 | * |
| No | 370.4 | 39.3 | 675 | 97.0 | 0.79 | 371.2 | 40.6 | 694 | 97.3 | 0.82 |
| Exited | * | * | 5 | 0.7 | * | * | * | 5 | 0.7 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.20 Summary Statistics for MD HSA Government: October 2010 Form

| | Primary Form R | | | | |
|----------------------------|----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha |
| Overall | 371.7 | 34.3 | 9,971 | 100.0 | 0.78 |
| Gender | | | | | |
| Male | 369.3 | 37.3 | 4,820 | 48.3 | 0.81 |
| Female | 373.9 | 31.1 | 5,079 | 50.9 | 0.75 |
| Missing | 375.8 | 31.8 | 72 | 0.7 | 0.80 |
| Special Education | | | | | |
| Yes | 360.5 | 38.3 | 1,272 | 12.8 | 0.72 |
| No | 373.6 | 33.2 | 8,460 | 84.8 | 0.79 |
| Exited | 364.8 | 35.3 | 92 | 0.9 | 0.73 |
| Exited and placed in 504 | * | * | 4 | 0.0 | * |
| 504 | 364.4 | 37.8 | 143 | 1.4 | 0.70 |
| Ethnicity | | | | | |
| American Indian | * | * | 27 | 0.3 | * |
| Asian | 379.8 | 29.0 | 241 | 2.4 | 0.83 |
| African American | 370.0 | 34.5 | 6,129 | 61.5 | 0.76 |
| Hawaiian/Pacific Islander | * | * | 26 | 0.3 | * |
| White | 373.8 | 35.5 | 2,222 | 22.3 | 0.82 |
| Hispanic | 374.1 | 30.9 | 1,054 | 10.6 | 0.76 |
| Missing | 378.9 | 33.9 | 272 | 2.7 | 0.85 |
| Limited English Proficient | | | | | |
| Yes | 368.7 | 32.2 | 432 | 4.3 | 0.70 |
| No | 371.8 | 34.4 | 9,454 | 94.8 | 0.78 |
| Exited | 379.9 | 28.2 | 85 | 0.9 | 0.80 |

* Statistics not reported for sample size less than 50 (N <50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.21 Summary Statistics for MD HSA Government: January 2011 Forms

| | Primary Forms A-B | | | | | Makeup Form C | | | | |
|-------------------------------|-------------------|------|--------|-------|-------|---------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha |
| Overall | 393.1 | 42.7 | 13,198 | 100.0 | 0.93 | 391.0 | 42.6 | 2,627 | 100.0 | 0.93 |
| Gender | | | | | | | | | | |
| Male | 392.7 | 45.2 | 6,611 | 50.1 | 0.93 | 390.4 | 46.0 | 1,332 | 50.7 | 0.93 |
| Female | 393.8 | 39.8 | 6,453 | 48.9 | 0.92 | 391.7 | 38.8 | 1,280 | 48.7 | 0.92 |
| Missing | 372.1 | 44.2 | 134 | 1.0 | 0.90 | * | * | 15 | 0.6 | * |
| Special Education | | | | | | | | | | |
| Yes | 369.8 | 42.1 | 1,498 | 11.4 | 0.87 | 374.4 | 36.3 | 220 | 8.4 | 0.87 |
| No | 396.5 | 41.8 | 11,210 | 84.9 | 0.93 | 393.0 | 42.4 | 2,311 | 88.0 | 0.93 |
| Exited | 391.7 | 42.6 | 150 | 1.1 | 0.91 | * | * | 27 | 1.0 | * |
| Exited and placed in 504 | * | * | 18 | 0.1 | * | * | * | 5 | 0.2 | * |
| 504 | 381.9 | 39.7 | 322 | 2.4 | 0.90 | 379.8 | 50.7 | 64 | 2.4 | 0.93 |
| Ethnicity | | | | | | | | | | |
| American Indian | 385.5 | 51.7 | 53 | 0.4 | 0.93 | * | * | 13 | 0.5 | * |
| Asian | 398.6 | 49.4 | 310 | 2.3 | 0.94 | 390.2 | 33.9 | 51 | 1.9 | 0.91 |
| African American | 375.5 | 36.7 | 5,669 | 43.0 | 0.87 | 374.2 | 35.7 | 1,078 | 41.0 | 0.85 |
| Hawaiian/ Pacific Islander | * | * | 21 | 0.2 | * | * | * | 1 | 0.0 | * |
| White | 412.2 | 40.3 | 5,515 | 41.8 | 0.93 | 407.8 | 42.8 | 1,179 | 44.9 | 0.94 |
| Hispanic | 385.8 | 38.3 | 1,105 | 8.4 | 0.90 | 381.9 | 37.1 | 229 | 8.7 | 0.90 |
| Missing | 394.0 | 45.5 | 525 | 4.0 | 0.93 | 400.2 | 48.9 | 76 | 2.9 | 0.95 |
| Limited English Proficient | | | | | | | | | | |
| Yes | 372.9 | 35.4 | 382 | 2.9 | 0.84 | 366.5 | 36.5 | 72 | 2.7 | 0.84 |
| No | 393.7 | 42.8 | 12,688 | 96.1 | 0.93 | 391.6 | 42.6 | 2,526 | 96.2 | 0.93 |
| Exited | 394.2 | 35.4 | 128 | 1.0 | 0.90 | * | * | 29 | 1.1 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.22 Summary Statistics for MD HSA Government: April 2011 Form

| | Primary Form S | | | | |
|-------------------------------|----------------|------|-------|-------|-------|
| | Mean | SD | N | % | Alpha |
| Overall | 379.6 | 41.8 | 1,657 | 100.0 | 0.92 |
| Gender | | | | | |
| Male | 382.6 | 44.9 | 791 | 47.7 | 0.93 |
| Female | 376.9 | 38.7 | 858 | 51.8 | 0.90 |
| Missing | * | * | 8 | 0.5 | * |
| Special Education | | | | | |
| Yes | 367.6 | 40.7 | 110 | 6.6 | 0.90 |
| No | 381.0 | 41.8 | 1,506 | 90.9 | 0.92 |
| Exited | * | * | 10 | 0.6 | * |
| Exited and placed in 504 | * | * | 0 | 0.0 | * |
| 504 | * | * | 31 | 1.9 | * |
| Ethnicity | | | | | |
| American Indian | * | * | 7 | 0.4 | * |
| Asian | 397.5 | 39.7 | 86 | 5.2 | 0.93 |
| African American | 373.5 | 37.6 | 1,078 | 65.1 | 0.89 |
| Hawaiian/ Pacific Islander | * | * | 1 | 0.1 | * |
| White | 410.6 | 54.7 | 197 | 11.9 | 0.96 |
| Hispanic | 374.8 | 35.3 | 269 | 16.2 | 0.86 |
| Missing | * | * | 19 | 1.1 | * |
| Limited English Proficient | | | | | |
| Yes | 371.0 | 36.6 | 176 | 10.6 | 0.85 |
| No | 380.5 | 42.4 | 1,465 | 88.4 | 0.92 |
| Exited | * | * | 16 | 1.0 | * |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.23 Summary Statistics for MD HSA Government: May 2011 Forms

| | Primary Forms D-H, J-N | | | | | Makeup 1 Form X | | | | | Makeup 2 Form Y | | | | | Alpha a |
|----------------------------|------------------------|------|--------|-------|-------|-----------------|------|-------|-------|-------|-----------------|------|-------|-------|------|------------|
| | Mean | SD | N | % | Alpha | Mean | SD | N | % | Alpha | Mean | SD | N | % | | |
| Overall | 416.2 | 40.2 | 53,050 | 100.0 | 0.93 | 404.7 | 46.5 | 3,423 | 100.0 | 0.94 | 417.3 | 40.8 | 1,957 | 100.0 | 0.93 | |
| Gender | | | | | | | | | | | | | | | | |
| Male | 416.0 | 43.1 | 26,245 | 49.5 | 0.93 | 404.8 | 49.6 | 1,702 | 49.7 | 0.94 | 417.8 | 42.8 | 989 | 50.5 | 0.94 | |
| Female | 416.5 | 37.1 | 26,641 | 50.2 | 0.92 | 405.4 | 42.7 | 1,696 | 49.5 | 0.93 | 416.7 | 38.6 | 968 | 49.5 | 0.93 | |
| Missing | 405.1 | 37.7 | 164 | 0.3 | 0.91 | * | * | 25 | 0.7 | * | * | * | 0 | 0.0 | * | |
| Special Education | | | | | | | | | | | | | | | | |
| Yes | 384.4 | 45.6 | 3,821 | 7.2 | 0.91 | 382.1 | 47.1 | 215 | 6.3 | 0.93 | 383.8 | 41.9 | 84 | 4.3 | 0.92 | |
| No | 419.1 | 38.4 | 47,585 | 89.7 | 0.92 | 406.7 | 45.9 | 3,093 | 90.4 | 0.94 | 419.1 | 40.2 | 1,804 | 92.2 | 0.93 | |
| Exited | 404.4 | 40.9 | 288 | 0.5 | 0.92 | * | * | 24 | 0.7 | * | * | * | 21 | 1.1 | * | |
| Exited and placed in 504 | 412.1 | 42.7 | 58 | 0.1 | 0.92 | * | * | 5 | 0.1 | * | * | * | 3 | 0.2 | * | |
| 504 | 409.3 | 43.6 | 1,298 | 2.4 | 0.93 | 400.8 | 44.3 | 86 | 2.5 | 0.92 | * | * | 45 | 2.3 | * | |
| Ethnicity | | | | | | | | | | | | | | | | |
| American Indian | 413.9 | 37.6 | 225 | 0.4 | 0.92 | * | * | 16 | 0.5 | * | * | * | 7 | 0.4 | * | |
| Asian | 436.6 | 34.7 | 3,365 | 6.3 | 0.92 | 428.3 | 41.0 | 175 | 5.1 | 0.94 | 435.6 | 37.1 | 132 | 6.7 | 0.92 | |
| African American | 399.8 | 38.6 | 20,392 | 38.4 | 0.91 | 389.3 | 45.7 | 1,514 | 44.2 | 0.92 | 399.4 | 40.7 | 665 | 34.0 | 0.91 | |
| Hawaiian/Pacific Islander | 418.1 | 37.9 | 59 | 0.1 | 0.93 | * | * | 5 | 0.1 | * | * | * | 4 | 0.2 | * | |
| White | 429.2 | 36.9 | 22,049 | 41.6 | 0.92 | 421.2 | 42.8 | 1,231 | 36.0 | 0.94 | 426.6 | 38.4 | 914 | 46.7 | 0.93 | |
| Hispanic | 409.6 | 37.5 | 5,309 | 10.0 | 0.91 | 401.2 | 40.4 | 349 | 10.2 | 0.92 | 416.9 | 33.9 | 162 | 8.3 | 0.91 | |
| Missing | 426.4 | 37.3 | 1,651 | 3.1 | 0.93 | 407.1 | 46.0 | 133 | 3.9 | 0.94 | 429.5 | 35.4 | 73 | 3.7 | 0.93 | |
| Limited English Proficient | | | | | | | | | | | | | | | | |
| Yes | 390.6 | 41.1 | 1,507 | 2.8 | 0.90 | 369.8 | 36.4 | 75 | 2.2 | 0.83 | * | * | 33 | 1.7 | * | |
| No | 417.0 | 40.0 | 51,031 | 96.2 | 0.93 | 405.4 | 46.5 | 3,319 | 97.0 | 0.94 | 418.1 | 40.5 | 1,902 | 97.2 | 0.93 | |
| Exited | 415.2 | 33.9 | 512 | 1.0 | 0.90 | * | * | 29 | 0.8 | * | * | * | 22 | 1.1 | * | |

* Statistics not reported for sample size less than 50 (N < 50).

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Figure 6.1 Histogram of Total Scale Scores for MD HSA May 2011 Algebra

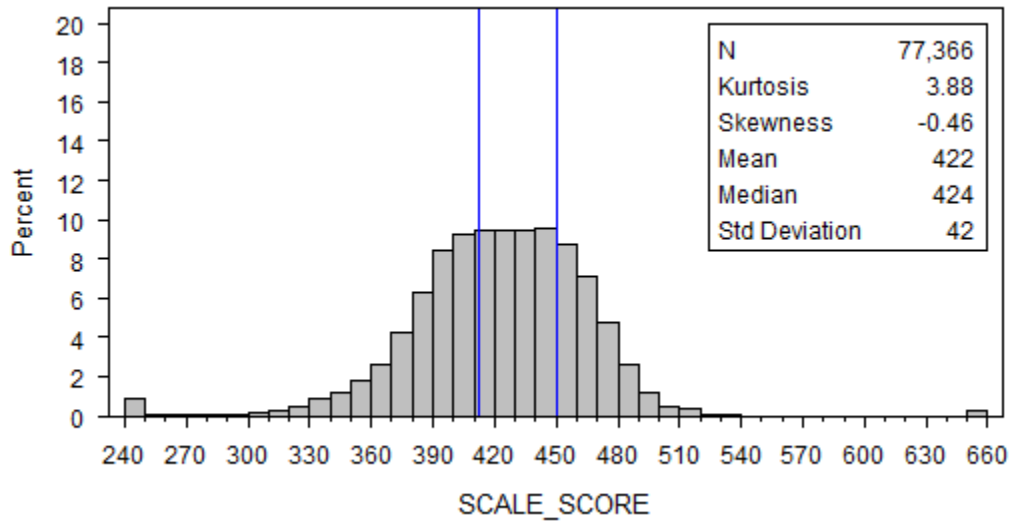


Figure 6.2 Histogram of Total Scale Scores for MD HSA May 2011 Biology

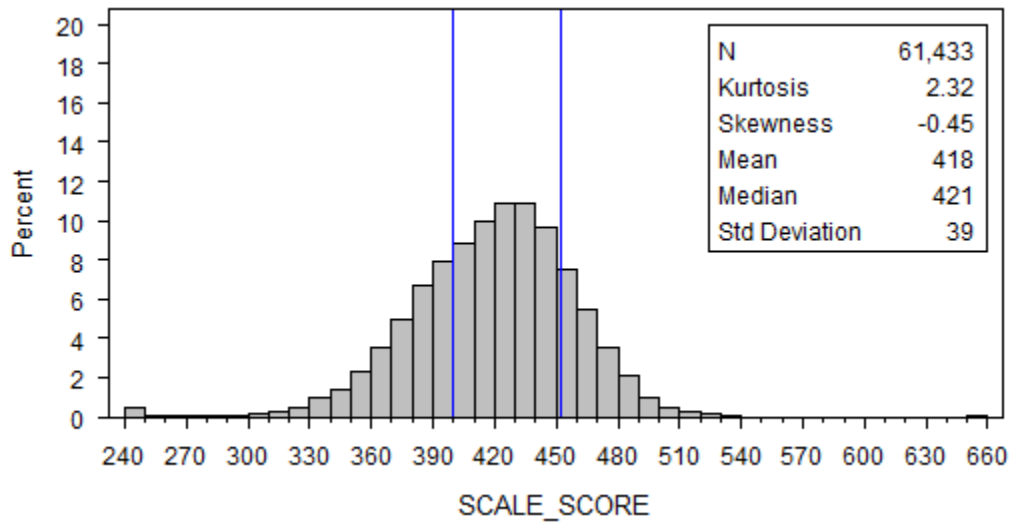


Figure 6.3 Histogram of Total Scale Scores for MD HSA May 2011 English

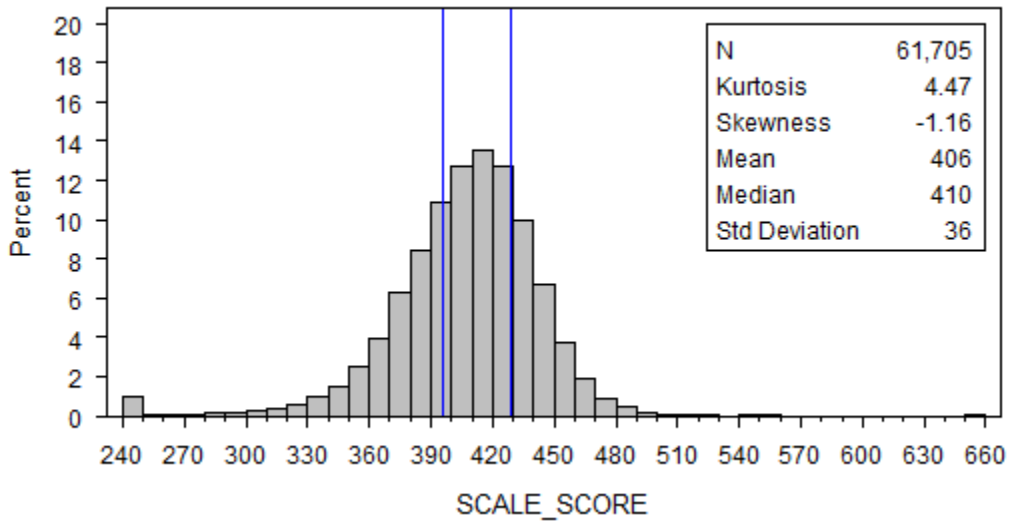
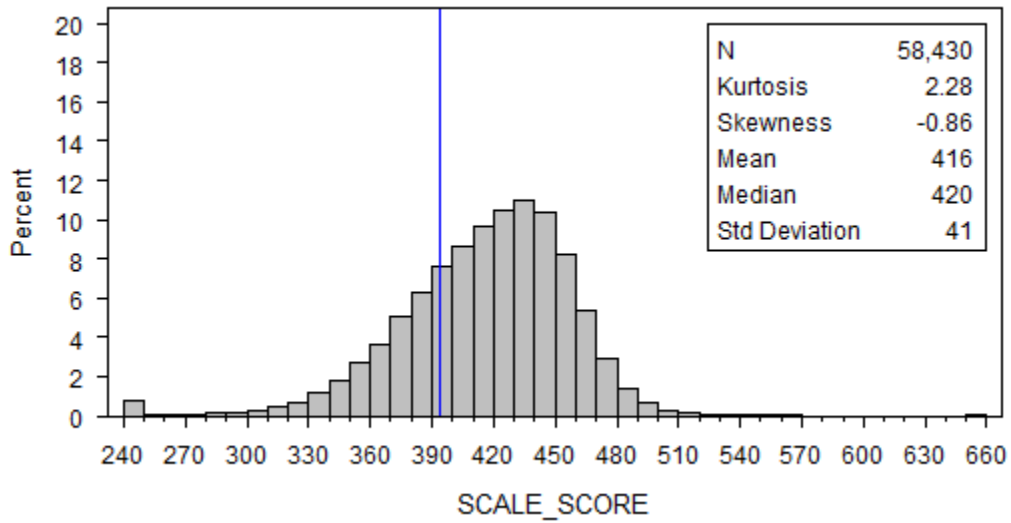


Figure 6.4 Histogram of Total Scale Scores for MD HSA May 2011 Government



Demographic Characteristics

Demographic characteristics of the students that took the October, January, April, May, and Summer MD HSAs are described in Tables 6.25 to 6.28. All demographic results are based on the final Research files delivered to MSDE.

The number of students participating in the May administration was greater than the number of students participating in the January administration. As a result, only one field test version was included in the January administration to ensure sufficient sample sizes for the analyses of the field test items.

Due to the small numbers of students participating in the October, April, and Summer administrations, those forms did not contain new field test items. Instead, previously administered field test sections were embedded in these Summer forms to ensure that the test length was comparable.

Table 6.24 Demographic Information for MD HSA 2011 Algebra

| | October Form | | January Primary Forms | | January Makeup Form | | April Form | | May Primary Forms | | May Makeup Forms | | Summer Forms | |
|---------------------------------------|--------------|-------|-----------------------|-------|---------------------|-------|------------|-------|-------------------|-------|------------------|-------|--------------|-------|
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Overall | 15,837 | 100.0 | 13,991 | 100.0 | 3,512 | 100.0 | 1,915 | 100.0 | 70,511 | 100.0 | 6,855 | 100.0 | 1,527 | 100.0 |
| Gender | | | | | | | | | | | | | | |
| Male | 7,649 | 48.3 | 6,934 | 49.6 | 1,609 | 45.8 | 883 | 46.1 | 35,438 | 50.3 | 3,387 | 49.4 | 816 | 53.4 |
| Female | 8,066 | 50.9 | 6,796 | 48.6 | 1,859 | 52.9 | 981 | 51.2 | 34,786 | 49.3 | 3,424 | 49.9 | 682 | 44.7 |
| Missing | 122 | 0.8 | 261 | 1.9 | 44 | 1.3 | 51 | 2.7 | 287 | 0.4 | 44 | 0.6 | 29 | 1.9 |
| Special Education | | | | | | | | | | | | | | |
| Yes | 1,848 | 11.7 | 1,795 | 12.8 | 337 | 9.6 | 174 | 9.1 | 5,290 | 7.5 | 411 | 6.0 | 141 | 9.2 |
| No | 13,602 | 85.9 | 11,741 | 83.9 | 3,028 | 86.2 | 1,698 | 88.7 | 62,895 | 89.2 | 6,232 | 90.9 | 1,339 | 87.7 |
| Exited | 122 | 0.8 | 113 | 0.8 | 33 | 0.9 | 9 | 0.5 | 478 | 0.7 | 44 | 0.6 | 7 | 0.5 |
| Exited and placed in 504 ^a | 18 | 0.1 | 13 | 0.1 | 6 | 0.2 | 3 | 0.2 | 82 | 0.1 | 6 | 0.1 | 0 | 0.0 |
| 504 | 247 | 1.6 | 329 | 2.4 | 108 | 3.1 | 31 | 1.6 | 1,766 | 2.5 | 162 | 2.4 | 40 | 2.6 |
| Ethnicity | | | | | | | | | | | | | | |
| American Indian | 65 | 0.4 | 65 | 0.5 | 23 | 0.7 | 8 | 0.4 | 252 | 0.4 | 41 | 0.6 | 10 | 0.7 |
| Asian | 288 | 1.8 | 247 | 1.8 | 56 | 1.6 | 35 | 1.8 | 3,809 | 5.4 | 259 | 3.8 | 22 | 1.4 |
| African American | 10,223 | 64.6 | 7,633 | 54.6 | 2,038 | 58.0 | 1,396 | 72.9 | 28,156 | 39.9 | 3,293 | 48.0 | 867 | 56.8 |
| Hawaiian/Pacific Islander | 38 | 0.2 | 11 | 0.1 | 6 | 0.2 | 2 | 0.1 | 102 | 0.1 | 10 | 0.1 | 5 | 0.3 |
| White | 3,142 | 19.8 | 4,076 | 29.1 | 990 | 28.2 | 125 | 6.5 | 27,920 | 39.6 | 2,222 | 32.4 | 395 | 25.9 |
| Hispanic | 1,686 | 10.6 | 1,381 | 9.9 | 288 | 8.2 | 269 | 14.0 | 7,835 | 11.1 | 788 | 11.5 | 142 | 9.3 |
| Missing | 395 | 2.5 | 578 | 4.1 | 111 | 3.2 | 80 | 4.2 | 2,437 | 3.5 | 242 | 3.5 | 86 | 5.6 |
| Limited English Proficient | | | | | | | | | | | | | | |
| Yes | 670 | 4.2 | 593 | 4.2 | 93 | 2.6 | 134 | 7.0 | 2,824 | 4.0 | 179 | 2.6 | 19 | 1.2 |
| No | 15,068 | 95.1 | 13,277 | 94.9 | 3,394 | 96.6 | 1,763 | 92.1 | 66,863 | 94.8 | 6,637 | 96.8 | 1,501 | 98.3 |
| Exited ^b | 99 | 0.6 | 121 | 0.9 | 25 | 0.7 | 18 | 0.9 | 824 | 1.2 | 39 | 0.6 | 7 | 0.5 |

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.25 Demographic Information for MD HSA 2011 Biology

| | October Form | | January Primary Forms | | January Makeup Form | | April Form | | May Primary Forms | | May Makeup Forms | | Summer Forms | |
|---------------------------------------|--------------|-------|-----------------------|-------|---------------------|-------|------------|-------|-------------------|-------|------------------|-------|--------------|-------|
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Overall | 10,427 | 100.0 | 11,744 | 100.0 | 2,762 | 100.0 | 1,774 | 100.0 | 55,919 | 100.0 | 5,514 | 100.0 | 946 | 100.0 |
| Gender | | | | | | | | | | | | | | |
| Male | 4,942 | 47.4 | 5,772 | 49.1 | 1,363 | 49.3 | 826 | 46.6 | 27,465 | 49.1 | 2,756 | 50.0 | 491 | 51.9 |
| Female | 5,342 | 51.2 | 5,862 | 49.9 | 1,369 | 49.6 | 937 | 52.8 | 28,355 | 50.7 | 2,723 | 49.4 | 428 | 45.2 |
| Missing | 143 | 1.4 | 110 | 0.9 | 30 | 1.1 | 11 | 0.6 | 99 | 0.2 | 35 | 0.6 | 27 | 2.9 |
| Special Education | | | | | | | | | | | | | | |
| Yes | 1,213 | 11.6 | 808 | 6.9 | 518 | 18.8 | 140 | 7.9 | 3,839 | 6.9 | 325 | 5.9 | 94 | 9.9 |
| No | 8,981 | 86.1 | 10,536 | 89.7 | 2,146 | 77.7 | 1,590 | 89.6 | 50,377 | 90.1 | 4,995 | 90.6 | 831 | 87.8 |
| Exited | 81 | 0.8 | 134 | 1.1 | 15 | 0.5 | 12 | 0.7 | 285 | 0.5 | 35 | 0.6 | 4 | 0.4 |
| Exited and placed in 504 ^a | 6 | 0.1 | 12 | 0.1 | 5 | 0.2 | 0 | 0.0 | 56 | 0.1 | 8 | 0.1 | 1 | 0.1 |
| 504 | 146 | 1.4 | 254 | 2.2 | 78 | 2.8 | 32 | 1.8 | 1,362 | 2.4 | 151 | 2.7 | 16 | 1.7 |
| Ethnicity | | | | | | | | | | | | | | |
| American Indian | 57 | 0.5 | 43 | 0.4 | 11 | 0.4 | 6 | 0.3 | 213 | 0.4 | 24 | 0.4 | 5 | 0.5 |
| Asian | 234 | 2.2 | 270 | 2.3 | 64 | 2.3 | 35 | 2.0 | 3,360 | 6.0 | 261 | 4.7 | 12 | 1.3 |
| African American | 6,912 | 66.3 | 5,403 | 46.0 | 1,261 | 45.7 | 1,348 | 76.0 | 21,573 | 38.6 | 2,372 | 43.0 | 589 | 62.3 |
| Hawaiian/Pacific Islander | 28 | 0.3 | 7 | 0.1 | 0 | 0.0 | 3 | 0.2 | 60 | 0.1 | 7 | 0.1 | 3 | 0.3 |
| White | 1,806 | 17.3 | 4,694 | 40.0 | 1,073 | 38.8 | 132 | 7.4 | 23,304 | 41.7 | 2,149 | 39.0 | 229 | 24.2 |
| Hispanic | 1,065 | 10.2 | 960 | 8.2 | 256 | 9.3 | 226 | 12.7 | 5,756 | 10.3 | 495 | 9.0 | 42 | 4.4 |
| Missing | 325 | 3.1 | 367 | 3.1 | 97 | 3.5 | 24 | 1.4 | 1,653 | 3.0 | 206 | 3.7 | 66 | 7.0 |
| Limited English Proficient | | | | | | | | | | | | | | |
| Yes | 371 | 3.6 | 274 | 2.3 | 94 | 3.4 | 124 | 7.0 | 1,486 | 2.7 | 76 | 1.4 | 16 | 1.7 |
| No | 9,992 | 95.8 | 11,374 | 96.8 | 2,641 | 95.6 | 1,627 | 91.7 | 53,922 | 96.4 | 5,397 | 97.9 | 929 | 98.2 |
| Exited ^b | 64 | 0.6 | 96 | 0.8 | 27 | 1.0 | 23 | 1.3 | 511 | 0.9 | 41 | 0.7 | 1 | 0.1 |

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.26 Demographic Information for MD HSA 2011 English

| | October Form | | January Primary Forms | | January Makeup Form | | April Form | | May Primary Forms | | May Makeup Forms | | Summer Forms | |
|---------------------------------------|--------------|-------|-----------------------|-------|---------------------|-------|------------|-------|-------------------|-------|------------------|-------|--------------|-------|
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Overall | 12,713 | 100.0 | 14,912 | 100.0 | 2,626 | 100.0 | 2,609 | 100.0 | 56,107 | 100.0 | 5,598 | 100.0 | 1,409 | 100.0 |
| Gender | | | | | | | | | | | | | | |
| Male | 6,982 | 54.9 | 7,988 | 53.6 | 1,441 | 54.9 | 1,392 | 53.4 | 28,476 | 50.8 | 2,870 | 51.3 | 812 | 57.6 |
| Female | 5,614 | 44.2 | 6,753 | 45.3 | 1,173 | 44.7 | 1,162 | 44.5 | 27,486 | 49.0 | 2,692 | 48.1 | 574 | 40.7 |
| Missing | 117 | 0.9 | 171 | 1.1 | 12 | 0.5 | 55 | 2.1 | 145 | 0.3 | 36 | 0.6 | 23 | 1.6 |
| Special Education | | | | | | | | | | | | | | |
| Yes | 1,654 | 13.0 | 1,582 | 10.6 | 227 | 8.6 | 213 | 8.2 | 4,138 | 7.4 | 311 | 5.6 | 135 | 9.6 |
| No | 10,770 | 84.7 | 12,811 | 85.9 | 2,287 | 87.1 | 2,340 | 89.7 | 50,255 | 89.6 | 5,122 | 91.5 | 1,227 | 87.1 |
| Exited | 90 | 0.7 | 161 | 1.1 | 29 | 1.1 | 16 | 0.6 | 288 | 0.5 | 28 | 0.5 | 6 | 0.4 |
| Exited and placed in 504 ^a | 7 | 0.1 | 26 | 0.2 | 3 | 0.1 | 3 | 0.1 | 62 | 0.1 | 6 | 0.1 | 1 | 0.1 |
| 504 | 192 | 1.5 | 332 | 2.2 | 80 | 3.0 | 37 | 1.4 | 1,364 | 2.4 | 131 | 2.3 | 40 | 2.8 |
| Ethnicity | | | | | | | | | | | | | | |
| American Indian | 39 | 0.3 | 62 | 0.4 | 17 | 0.6 | 8 | 0.3 | 248 | 0.4 | 27 | 0.5 | 10 | 0.7 |
| Asian | 376 | 3.0 | 410 | 2.7 | 71 | 2.7 | 115 | 4.4 | 3,363 | 6.0 | 367 | 6.6 | 24 | 1.7 |
| African American | 7,781 | 61.2 | 6,534 | 43.8 | 1,226 | 46.7 | 1,718 | 65.8 | 21,493 | 38.3 | 2,394 | 42.8 | 804 | 57.1 |
| Hawaiian/Pacific Islander | 39 | 0.3 | 22 | 0.1 | 1 | 0.0 | 3 | 0.1 | 45 | 0.1 | 8 | 0.1 | 5 | 0.4 |
| White | 2,692 | 21.2 | 5,934 | 39.8 | 989 | 37.7 | 234 | 9.0 | 23,435 | 41.8 | 2,059 | 36.8 | 351 | 24.9 |
| Hispanic | 1,431 | 11.3 | 1,423 | 9.5 | 259 | 9.9 | 449 | 17.2 | 5,625 | 10.0 | 531 | 9.5 | 140 | 9.9 |
| Missing | 355 | 2.8 | 527 | 3.5 | 63 | 2.4 | 82 | 3.1 | 1,898 | 3.4 | 212 | 3.8 | 75 | 5.3 |
| Limited English Proficient | | | | | | | | | | | | | | |
| Yes | 567 | 4.5 | 509 | 3.4 | 81 | 3.1 | 225 | 8.6 | 1,489 | 2.7 | 102 | 1.8 | 30 | 2.1 |
| No | 12,035 | 94.7 | 14,232 | 95.4 | 2,511 | 95.6 | 2,351 | 90.1 | 54,117 | 96.5 | 5,435 | 97.1 | 1,369 | 97.2 |
| Exited ^b | 111 | 0.9 | 171 | 1.1 | 34 | 1.3 | 33 | 1.3 | 501 | 0.9 | 61 | 1.1 | 10 | 0.7 |

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.

Table 6.27 Demographic Information for MD HSA 2011 Government

| | October Form | | January Primary Forms | | January Makeup Form | | April Form | | May Primary Forms | | May Makeup Forms | | Summer Forms | |
|---------------------------------------|--------------|-------|-----------------------|-------|---------------------|-------|------------|-------|-------------------|-------|------------------|-------|--------------|---|
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Overall | 9,971 | 100.0 | 13,198 | 100.0 | 2,627 | 100.0 | 1,657 | 100.0 | 53,050 | 100.0 | 5,380 | 100.0 | - | - |
| Gender | | | | | | | | | | | | | | |
| Male | 4,820 | 48.3 | 6,611 | 50.1 | 1,332 | 50.7 | 791 | 47.7 | 26,245 | 49.5 | 2,691 | 50.0 | - | - |
| Female | 5,079 | 50.9 | 6,453 | 48.9 | 1,280 | 48.7 | 858 | 51.8 | 26,641 | 50.2 | 2,664 | 49.5 | - | - |
| Missing | 72 | 0.7 | 134 | 1.0 | 15 | 0.6 | 8 | 0.5 | 164 | 0.3 | 25 | 0.5 | - | - |
| Special Education | | | | | | | | | | | | | | |
| Yes | 1,272 | 12.8 | 1,498 | 11.4 | 220 | 8.4 | 110 | 6.6 | 3,821 | 7.2 | 299 | 5.6 | - | - |
| No | 8,460 | 84.8 | 11,210 | 84.9 | 2,311 | 88.0 | 1,506 | 90.9 | 47,585 | 89.7 | 4,897 | 91.0 | - | - |
| Exited | 92 | 0.9 | 150 | 1.1 | 27 | 1.0 | 10 | 0.6 | 288 | 0.5 | 45 | 0.8 | - | - |
| Exited and placed in 504 ^a | 4 | 0.0 | 18 | 0.1 | 5 | 0.2 | 0 | 0.0 | 58 | 0.1 | 8 | 0.1 | - | - |
| 504 | 143 | 1.4 | 322 | 2.4 | 64 | 2.4 | 31 | 1.9 | 1,298 | 2.4 | 131 | 2.4 | - | - |
| Ethnicity | | | | | | | | | | | | | | |
| American Indian | 27 | 0.3 | 53 | 0.4 | 13 | 0.5 | 7 | 0.4 | 225 | 0.4 | 23 | 0.4 | - | - |
| Asian | 241 | 2.4 | 310 | 2.3 | 51 | 1.9 | 86 | 5.2 | 3,365 | 6.3 | 307 | 5.7 | - | - |
| African American | 6,129 | 61.5 | 5,669 | 43.0 | 1,078 | 41.0 | 1,078 | 65.1 | 20,392 | 38.4 | 2,179 | 40.5 | - | - |
| Hawaiian/Pacific Islander | 26 | 0.3 | 21 | 0.2 | 1 | 0.0 | 1 | 0.1 | 59 | 0.1 | 9 | 0.2 | - | - |
| White | 2,222 | 22.3 | 5,515 | 41.8 | 1,179 | 44.9 | 197 | 11.9 | 22,049 | 41.6 | 2,145 | 39.9 | - | - |
| Hispanic | 1,054 | 10.6 | 1,105 | 8.4 | 229 | 8.7 | 269 | 16.2 | 5,309 | 10.0 | 511 | 9.5 | - | - |
| Missing | 272 | 2.7 | 525 | 4.0 | 76 | 2.9 | 19 | 1.1 | 1,651 | 3.1 | 206 | 3.8 | - | - |
| Limited English Proficient | | | | | | | | | | | | | | |
| Yes | 432 | 4.3 | 382 | 2.9 | 72 | 2.7 | 176 | 10.6 | 1,507 | 2.8 | 108 | 2.0 | - | - |
| No | 9,454 | 94.8 | 12,688 | 96.1 | 2,526 | 96.2 | 1,465 | 88.4 | 51,031 | 96.2 | 5,221 | 97.0 | - | - |
| Exited ^b | 85 | 0.9 | 128 | 1.0 | 29 | 1.1 | 16 | 1.0 | 512 | 1.0 | 51 | 0.9 | - | - |

^a A 504 plan is a legal document falling under the provisions of the Rehabilitation Act of 1973 that provides a program of instructional services to assist students with special needs who are in a regular education setting.

^b LEP Exited indicates students who have exited English language acquisition services.