

**TENNESSEE REPORT**

# 1998 College-Bound SENIORS



**Summary  
Reporting  
Service**

**A  
Profile  
of  
SAT®  
Program  
Test  
Takers**



**The College Board**  
Educational Excellence for All Students

# The SAT Program

The SAT I: Reasoning Test and the SAT II: Subject Tests, the primary components of the SAT Program, are designed to assess many of the skills that are important to students' success in college. Because the subject matter of high school courses as well as grading standards vary widely, the tests have been developed to provide a common standard against which students can be compared. Most students also complete the optional Student Descriptive Questionnaire (SDQ) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores.

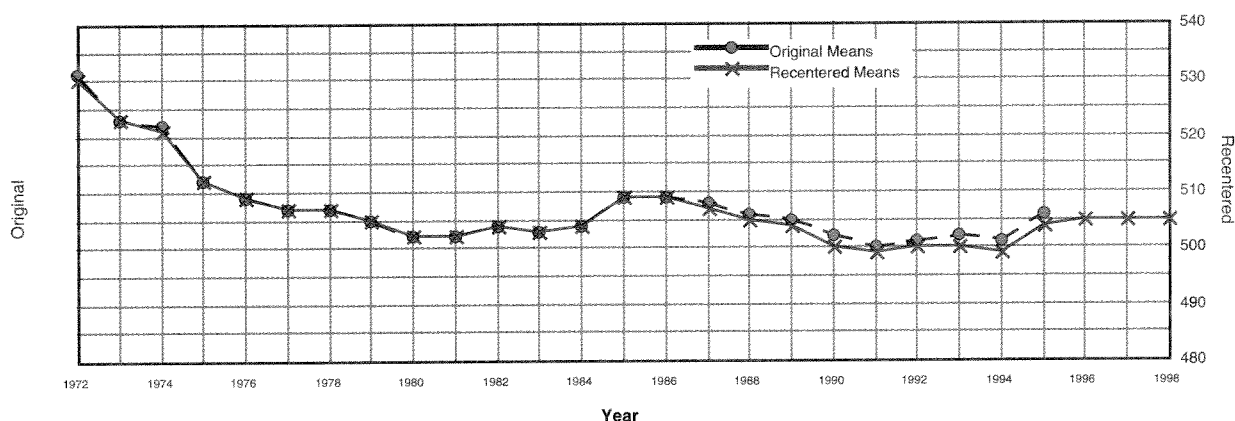
In April 1995, the College Board recentered the score scales for all tests in the SAT Program to reflect the

contemporary test taking population. Recentering reestablished the average score for a study group of 1990 seniors at about 500 — the midpoint of the 200 to 800 scale — allowing students, schools, and colleges to more easily interpret their scores in relation to those of a similar group of college-bound seniors. Recentering also simplifies comparisons between students' verbal and mathematical abilities and improves reliability of SAT Program scores and their ability to predict success in college.

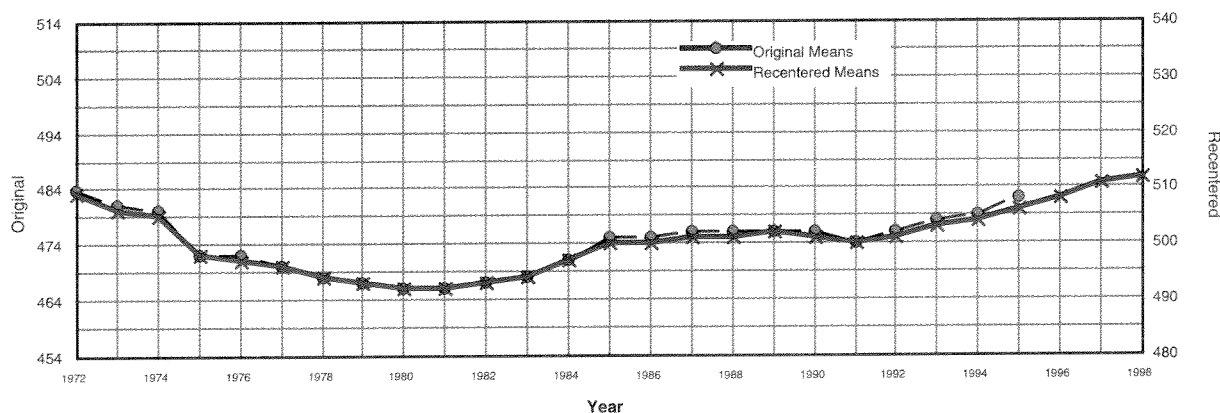
The following graphs demonstrate that although the numerical value of SAT scores has changed, the pattern of scores over time for college-bound seniors has not. (See also the table of recentered mean scores — 1972 through 1998 — for males, females, and all college-bound seniors.)

**Chart A: Mean SAT/SAT I Scores for National College-Bound Seniors 1972-1998\***

## Verbal Scores – Original versus Recentered Scale



## Math Scores – Original versus Recentered Scale



\* For 1972-1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987-1995, individual student scores were converted to the recentered scale and then the mean was recomputed. For 1996-1998 most students received scores on the recentered scale. (Any score on the original scale was converted to the recentered scale prior to computing the mean.)

## Using This Report

This *Profile of College-Bound Seniors* presents data for 1998 high school graduates who participated in the SAT Program during their high school years. Students are counted once no matter how often they tested, and only their latest scores and most recent SDQ responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound senior population is relatively stable from year to year, SDQ responses from these students can be considered highly accurate. Therefore, you can use this report to:

- interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors;
- study changes over time in the characteristics of students taking SAT tests; and
- look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT I and in schoolwork.
- not all students in a high school, school district, or state take the SAT I. Since the population of test takers is self-selected, using aggregate SAT I scores to compare or evaluate teachers, schools, districts, states or other educational units is not valid, and the College Board strongly discourages such uses.
- interpreting SAT I scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT I scores for any group, or subgroup, of test takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT I mean scores reported for students will be higher than the national average.

**Table A. National Mean SAT/SAT I Scores  
for College-Bound Seniors, 1973-1998\***  
(Recentered Scale)

| Year | Verbal |        |       | Math |        |       |
|------|--------|--------|-------|------|--------|-------|
|      | Male   | Female | Total | Male | Female | Total |
| 1972 | 531    | 529    | 530   | 527  | 489    | 509   |
| 1973 | 523    | 521    | 523   | 525  | 489    | 506   |
| 1974 | 524    | 520    | 521   | 524  | 488    | 505   |
| 1975 | 515    | 509    | 512   | 518  | 479    | 498   |
| 1976 | 511    | 508    | 509   | 520  | 475    | 497   |
| 1977 | 509    | 505    | 507   | 520  | 474    | 496   |
| 1978 | 511    | 503    | 507   | 517  | 474    | 494   |
| 1979 | 509    | 501    | 505   | 516  | 473    | 493   |
| 1980 | 506    | 498    | 502   | 515  | 473    | 492   |
| 1981 | 508    | 496    | 502   | 516  | 473    | 492   |
| 1982 | 509    | 499    | 504   | 516  | 473    | 493   |
| 1983 | 508    | 498    | 503   | 516  | 474    | 494   |
| 1984 | 511    | 498    | 504   | 518  | 478    | 497   |
| 1985 | 514    | 503    | 509   | 522  | 480    | 500   |
| 1986 | 515    | 504    | 509   | 523  | 479    | 500   |
| 1987 | 512    | 502    | 507   | 523  | 481    | 501   |
| 1988 | 512    | 499    | 505   | 521  | 483    | 501   |
| 1989 | 510    | 498    | 504   | 523  | 482    | 502   |
| 1990 | 505    | 496    | 500   | 521  | 483    | 501   |
| 1991 | 503    | 495    | 499   | 520  | 482    | 500   |
| 1992 | 504    | 496    | 500   | 521  | 484    | 501   |
| 1993 | 504    | 497    | 500   | 524  | 484    | 503   |
| 1994 | 501    | 497    | 499   | 523  | 487    | 504   |
| 1995 | 505    | 502    | 504   | 525  | 490    | 506   |
| 1996 | 507    | 503    | 505   | 527  | 492    | 508   |
| 1997 | 507    | 503    | 505   | 530  | 494    | 511   |
| 1998 | 509    | 502    | 505   | 531  | 496    | 512   |

\*For 1972-1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987-1995 individual student scores were converted to the recentered scale and then the mean was recomputed. For 1996 through 1998 most students received scores on the recentered scale. (Any score on the original scale was converted to the recentered scale prior to computing the mean.)

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**Table  
1**

**1998 Profile of College-Bound Seniors**

**TENNESSEE**

**Points to Note**

- This report summarizes information for seniors who took the SAT I: Reasoning Test and/or SAT II: Subject Tests any time during their high school years through March 1998. If a student took a test more than once, the most recent score is used. Students are counted once no matter how often they tested.
- All scores are reported here on the recentered SAT score scale. Students' scores from administrations prior to April 1995, when the recentered scale was introduced, have been converted in order to summarize data across the cohort.
- Mean scores are reported when there are 5 or more test takers.
- Standard deviations are reported when there are 25 or more test takers.
- Percentiles (75th, 50th, and 25th) are reported when there are 20 or more test takers.
- "No response" indicates that students skipped that question when they completed their Student Descriptive Questionnaire (SDQ).
- The most recent responses to the SDQ are summarized.

| Students Who Registered for the SAT I: Reasoning Test or an SAT II: Subject Test |       |        |       | SAT I Mean Scores |      |
|--|-------|--------|-------|-------------------|------|
|  | Male  | Female | Total | Verbal            | Math |
| Total Number of Students   | 3,380 | 4,090  | 7,470 |                   |      |
| Students with at Least One Student Descriptive Questionnaire (SDQ) Response      | 3,230 | 3,981  | 7,211 |                   |      |
| Percent with at Least One SDQ Response   | 96    | 97     | 97    |                   |      |
| <b>SAT Program Test Takers</b>   |       |        |       |                   |      |
| All Students with Either SAT I or SAT II Scores                                  | 3,142 | 3,763  | 6,905 |                   |      |
| Students with SAT I Scores   | 3,108 | 3,727  | 6,835 | 564               | 557  |
| Students with SAT II Scores  | 706   | 756    | 1,462 |                   |      |
| Students with Both SAT I and SAT II Scores                                       | 672   | 720    | 1,392 | 639               | 638  |
| <b>Year in Which Seniors Last took SAT I</b>                                     |       |        |       |                   |      |
| Senior   | 2,066 | 2,653  | 4,719 | 563               | 555  |
| Junior   | 1,031 | 1,031  | 2,062 | 569               | 561  |
| Sophomore  | 7     | 38     | 45    | 571               | 555  |
| Freshman   | 4     | 5      | 9     | 564               | 582  |



**SAT® Program Summary Reporting Service**  
**The College Board**

**Table  
2**

**1998 Profile of College-Bound Seniors  
Academic Record  
TENNESSEE**

| High School Rank | SAT I Test Takers |         | Percent |        | SAT I Mean Scores |      |
|------------------|-------------------|---------|---------|--------|-------------------|------|
|                  | Number            | Percent | Male    | Female | Verbal            | Math |
| Top Tenth        | 1,854             | 33      | 42      | 58     | 621               | 621  |
| Second Tenth     | 1,422             | 25      | 46      | 54     | 572               | 569  |
| Second Fifth     | 1,326             | 24      | 46      | 54     | 541               | 533  |
| Third Fifth      | 881               | 16      | 45      | 55     | 503               | 485  |
| Fourth Fifth     | 129               | 2       | 60      | 40     | 479               | 462  |
| Fifth Fifth      | 26                | 0       | 65      | 35     | 454               | 449  |
| No Response      | 1,197             |         |         |        |                   |      |

|                                    |       |    |    |    |     |     |
|------------------------------------|-------|----|----|----|-----|-----|
| High School Grade<br>Point Average |       |    |    |    |     |     |
| A + (97-100)                       | 896   | 14 | 38 | 62 | 635 | 636 |
| A (93-96)                          | 1,567 | 24 | 39 | 61 | 592 | 588 |
| A- (90-92)                         | 1,195 | 19 | 44 | 56 | 579 | 570 |
| B (80-89)                          | 2,338 | 36 | 49 | 51 | 529 | 519 |
| C (70-79)                          | 406   | 6  | 63 | 37 | 472 | 460 |
| D, E, or F<br>(Below 70)           | 14    | 0  | 79 | 21 | 479 | 458 |
| No Response                        | 419   |    |    |    |     |     |

Mean Grade Point Average: All Students 3.50

|  |       |    |    |    |     |     |
|--|-------|----|----|----|-----|-----|
| Years of Study in Six<br>Academic Subjects |       |    |    |    |     |     |
| 20 or More Years                           | 3,382 | 58 | 42 | 58 | 593 | 585 |
| 19 or 19½ Years                            | 854   | 15 | 47 | 53 | 559 | 550 |
| 18 or 18½ Years                            | 617   | 11 | 45 | 55 | 533 | 528 |
| 17 or 17½ Years                            | 390   | 7  | 51 | 49 | 515 | 508 |
| 16 or 16½ Years                            | 238   | 4  | 49 | 51 | 507 | 497 |
| 15 or 15½ Years                            | 174   | 3  | 54 | 46 | 497 | 502 |
| Less Than 15 Years                         | 220   | 4  | 60 | 40 | 508 | 505 |
| No Response                                | 960   |    |    |    |     |     |

| Academic Subject                   | Average Years of Study |        |       | Grade Point Average: For Each Subject  |        |       |
|------------------------------------|------------------------|--------|-------|--|--------|-------|
|                                    | Male                   | Female | Total | Male                                   | Female | Total |
| Arts and Music                     | 2.0                    | 2.4    | 2.2   | 3.76                                   | 3.89   | 3.83  |
| English                            | 3.9                    | 3.9    | 3.9   | 3.23                                   | 3.47   | 3.36  |
| Foreign and Classical<br>Languages | 2.7                    | 2.8    | 2.8   | 3.28                                   | 3.50   | 3.40  |
| Mathematics                        | 4.0                    | 3.9    | 3.9   | 3.27                                   | 3.27   | 3.27  |
| Natural Sciences                   | 3.5                    | 3.5    | 3.5   | 3.37                                   | 3.43   | 3.40  |
| Social Sciences<br>and History     | 3.3                    | 3.3    | 3.3   | 3.45                                   | 3.53   | 3.49  |
| Total for All Subjects             | 19.4                   | 19.8   | 19.6  | Mean Grade Point Average: All Students |        |       |
|                                    |                        |        |       | Male                                   | Female | Total |
|                                    |                        |        |       | 3.41                                   | 3.57   | 3.50  |

**Table  
3-1**

**1998 Profile of College-Bound Seniors  
Course-Taking Patterns  
TENNESSEE**

| English                          | SAT I Test Takers |         | Percent |        | SAT I Mean Scores |      |
|----------------------------------|-------------------|---------|---------|--------|-------------------|------|
|                                  | Number            | Percent | Male    | Female | Verbal            | Math |
| <b>Years of Study</b>            |                   |         |         |        |                   |      |
| More Than 4 Years                | 290               | 5       | 44      | 56     | 571               | 564  |
| 4 Years                          | 5,346             | 84      | 44      | 56     | 568               | 561  |
| 3 Years                          | 626               | 10      | 51      | 49     | 535               | 529  |
| 2 Years                          | 50                | 1       | 66      | 34     | 543               | 535  |
| 1 Year                           | 10                | 0       | 50      | 50     | 497               | 507  |
| One-half Year or Less            | 14                | 0       | 50      | 50     | 565               | 571  |
| No Response                      | 499               |         |         |        |                   |      |
| <b>Course Work or Experience</b> |                   |         |         |        |                   |      |
| American Literature              | 5,780             | 91      | 45      | 55     | 574               | 565  |
| Grammar                          | 5,382             | 85      | 44      | 56     | 571               | 562  |
| Composition                      | 4,930             | 78      | 43      | 57     | 578               | 567  |
| Literature Historical Periods    | 4,009             | 63      | 41      | 59     | 585               | 572  |
| British Literature               | 3,853             | 61      | 44      | 56     | 590               | 577  |
| Speaking and Listening           | 2,330             | 37      | 42      | 58     | 573               | 562  |
| Literature Other Country         | 1,670             | 26      | 41      | 59     | 593               | 579  |
| English as a Second Language     | 197               | 3       | 47      | 53     | 471               | 553  |
| <b>Honors Course Taken</b>       | 3,776             | 60      | 40      | 60     | 599               | 586  |
| <b>Mathematics</b>               |                   |         |         |        |                   |      |
| <b>Years of Study</b>            |                   |         |         |        |                   |      |
| More Than 4 Years                | 1,263             | 20      | 51      | 49     | 594               | 610  |
| 4 Years                          | 3,749             | 59      | 44      | 56     | 568               | 560  |
| 3 Years                          | 1,230             | 19      | 40      | 60     | 529               | 500  |
| 2 Years                          | 84                | 1       | 51      | 49     | 552               | 526  |
| 1 Year                           | 21                | 0       | 67      | 33     | 559               | 548  |
| One-half Year or Less            | 3                 | 0       | 100     |        |                   |      |
| No Response                      | 485               |         |         |        |                   |      |
| <b>Course Work</b>               |                   |         |         |        |                   |      |
| Algebra                          | 6,308             | 97      | 45      | 55     | 564               | 557  |
| Geometry                         | 6,306             | 97      | 45      | 55     | 565               | 558  |
| Trigonometry                     | 2,865             | 44      | 48      | 52     | 582               | 584  |
| Precalculus                      | 4,193             | 64      | 46      | 54     | 587               | 590  |
| Other Math Courses               | 1,314             | 20      | 43      | 57     | 547               | 533  |
| Calculus                         | 2,348             | 36      | 51      | 49     | 611               | 626  |
| Computer Math                    | 431               | 7       | 62      | 38     | 575               | 582  |
| <b>Honors Course Taken</b>       | 3,065             | 48      | 45      | 55     | 605               | 610  |

**Table  
3-2**

**1998 Profile of College-Bound Seniors  
Course-Taking Patterns (Continued)  
TENNESSEE**

| Natural Sciences                            | SAT I Test Takers |         | Percent |        | SAT I Mean Scores |      |
|---|-------------------|---------|---------|--------|-------------------|------|
|   | Number            | Percent | Male    | Female | Verbal            | Math |
| <b>Years of Study</b>                       |                   |         |         |        |                   |      |
| More Than 4 Years                           | 607               | 10      | 49      | 51     | 605               | 614  |
| 4 Years                                     | 2,732             | 43      | 47      | 53     | 581               | 577  |
| 3 Years                                     | 2,556             | 41      | 41      | 59     | 546               | 531  |
| 2 Years                                     | 298               | 5       | 43      | 57     | 525               | 510  |
| 1 Year                                      | 91                | 1       | 57      | 43     | 544               | 541  |
| One-half Year or Less                       | 19                | 0       | 58      | 42     | 497               | 491  |
| No Response                                 | 532               |         |         |        |                   |      |
| <b>Course Work</b>                          |                   |         |         |        |                   |      |
| Biology                                     | 6,347             | 97      | 45      | 55     | 564               | 557  |
| Chemistry                                   | 6,061             | 93      | 44      | 56     | 569               | 562  |
| Physics                                     | 3,573             | 55      | 50      | 50     | 587               | 590  |
| Geology, Earth Science, or<br>Space Science | 1,897             | 29      | 49      | 51     | 545               | 535  |
| Other Sciences                              | 2,698             | 41      | 42      | 58     | 561               | 549  |
| <b>Honors Course Taken</b>                  | 2,900             | 46      | 44      | 56     | 608               | 605  |

**Social Sciences and History**

|                            |       |    |    |    |     |     |
|----------------------------|-------|----|----|----|-----|-----|
| <b>Years of Study</b>      |       |    |    |    |     |     |
| More Than 4 Years          | 470   | 7  | 45 | 55 | 584 | 573 |
| 4 Years                    | 1,866 | 30 | 45 | 55 | 571 | 558 |
| 3 Years                    | 3,096 | 49 | 44 | 56 | 566 | 562 |
| 2 Years                    | 709   | 11 | 45 | 55 | 537 | 533 |
| 1 Year                     | 109   | 2  | 61 | 39 | 545 | 541 |
| One-half Year or Less      | 40    | 1  | 50 | 50 | 578 | 563 |
| No Response                | 545   |    |    |    |     |     |
| <b>Course Work</b>         |       |    |    |    |     |     |
| U.S. History               | 6,200 | 96 | 45 | 55 | 566 | 558 |
| World History or Cultures  | 4,135 | 64 | 44 | 56 | 568 | 557 |
| U.S. Government or Civics  | 4,880 | 75 | 44 | 56 | 564 | 557 |
| Economics                  | 4,585 | 71 | 45 | 55 | 563 | 557 |
| Geography                  | 2,833 | 44 | 45 | 55 | 545 | 542 |
| Psychology                 | 1,533 | 24 | 33 | 67 | 569 | 549 |
| European History           | 1,267 | 20 | 51 | 49 | 604 | 590 |
| Other Courses              | 829   | 13 | 42 | 58 | 577 | 566 |
| Sociology                  | 900   | 14 | 35 | 65 | 554 | 540 |
| Ancient History            | 715   | 11 | 55 | 45 | 581 | 571 |
| Anthropology               | 52    | 1  | 40 | 60 | 576 | 564 |
| <b>Honors Course Taken</b> | 2,723 | 43 | 42 | 58 | 611 | 598 |



**Table  
3-3**

**1998 Profile of College-Bound Seniors**  
**Course-Taking Patterns (Continued)**  
**TENNESSEE**

| Foreign and<br>Classical Languages        | SAT I Test Takers |         | Percent |        | SAT I Mean Scores |      |
|---|-------------------|---------|---------|--------|-------------------|------|
|   | Number            | Percent | Male    | Female | Verbal            | Math |
| <b>Years of Study</b>                     |                   |         |         |        |                   |      |
| More Than 4 Years                         | 353               | 6       | 44      | 56     | 614               | 620  |
| 4 Years                                   | 1,311             | 21      | 37      | 63     | 606               | 594  |
| 3 Years                                   | 1,658             | 26      | 43      | 57     | 579               | 573  |
| 2 Years                                   | 2,857             | 45      | 49      | 51     | 537               | 529  |
| 1 Year                                    | 67                | 1       | 58      | 42     | 481               | 477  |
| One-half Year or Less                     | 84                | 1       | 52      | 48     | 485               | 494  |
| No Response                               | 505               |         |         |        |                   |      |
| <b>Course Work</b>                        |                   |         |         |        |                   |      |
| Chinese                                   | 59                | 1       | 53      | 47     | 562               | 627  |
| French                                    | 1,657             | 25      | 34      | 66     | 574               | 557  |
| German                                    | 543               | 8       | 51      | 49     | 594               | 582  |
| Greek                                     | 36                | 1       | 53      | 47     | 588               | 592  |
| Hebrew                                    | 79                | 1       | 49      | 51     | 589               | 577  |
| Italian                                   | 60                | 1       | 53      | 47     | 570               | 574  |
| Japanese                                  | 83                | 1       | 52      | 48     | 551               | 577  |
| Korean                                    | 37                | 1       | 73      | 27     | 581               | 616  |
| Latin                                     | 1,604             | 25      | 45      | 55     | 598               | 590  |
| Russian                                   | 111               | 2       | 56      | 44     | 573               | 567  |
| Spanish                                   | 3,604             | 55      | 48      | 52     | 551               | 545  |
| Other Languages                           | 105               | 2       | 44      | 56     | 552               | 569  |
| <b>Honors Course Taken</b>                | 1,999             | 32      | 41      | 59     | 609               | 601  |
| <b>Arts and Music</b>                     |                   |         |         |        |                   |      |
| <b>Years of Study</b>                     |                   |         |         |        |                   |      |
| More Than 4 Years                         | 538               | 9       | 37      | 63     | 581               | 566  |
| 4 Years                                   | 1,021             | 16      | 37      | 63     | 579               | 559  |
| 3 Years                                   | 799               | 13      | 36      | 64     | 566               | 549  |
| 2 Years                                   | 1,370             | 22      | 44      | 56     | 561               | 557  |
| 1 Year                                    | 2,254             | 36      | 53      | 47     | 561               | 563  |
| One-half Year or Less                     | 347               | 5       | 56      | 44     | 539               | 532  |
| No Response                               | 506               |         |         |        |                   |      |
| <b>Course Work or Experience</b>          |                   |         |         |        |                   |      |
| Acting or Play Production                 | 2,098             | 33      | 36      | 64     | 585               | 563  |
| Art History or Appreciation               | 1,942             | 31      | 46      | 54     | 565               | 552  |
| Dance                                     | 857               | 14      | 13      | 87     | 570               | 551  |
| Drama: Study or Appreciation              | 1,587             | 25      | 36      | 64     | 573               | 556  |
| Music: Study or Appreciation              | 1,344             | 21      | 40      | 60     | 576               | 564  |
| Music Performance                         | 3,016             | 48      | 37      | 63     | 576               | 563  |
| Photography or Film                       | 884               | 14      | 40      | 60     | 579               | 564  |
| Studio Art and Design                     | 1,645             | 26      | 45      | 55     | 580               | 569  |
| None                                      | 379               | 6       | 58      | 42     | 531               | 536  |
| <b>Honors Course Taken</b>                | 850               | 13      | 38      | 62     | 599               | 588  |
| <b>Computer Course Work or Experience</b> |                   |         |         |        |                   |      |
| Computer Programming                      | 1,522             | 24      | 57      | 43     | 567               | 571  |
| Data Processing                           | 1,821             | 29      | 48      | 52     | 562               | 558  |
| Word Processing                           | 5,021             | 79      | 44      | 56     | 572               | 564  |
| Math Problems                             | 1,882             | 30      | 51      | 49     | 581               | 585  |
| Natural Science Problems                  | 973               | 15      | 50      | 50     | 596               | 595  |
| Social Science Problems                   | 542               | 9       | 53      | 47     | 568               | 571  |
| Use in English Courses                    | 2,970             | 47      | 45      | 55     | 578               | 573  |
| Computer Literacy                         | 3,408             | 54      | 48      | 52     | 577               | 567  |
| None                                      | 597               | 9       | 42      | 58     | 556               | 548  |

**Table  
4-1**

**1998 Profile of College-Bound Seniors  
Background Information  
TENNESSEE**

| SAT I Test Takers<br>Who Described Themselves as:                             | Number of |         |       | Percent |        |
|---|-----------|---------|-------|---------|--------|
|   | Males     | Females | Total | Male    | Female |
| American Indian or Alaskan Native   | 33        | 14      | 47    | 70      | 30     |
| Asian, Asian American, or Pacific Islander                                    | 148       | 182     | 330   | 45      | 55     |
| African American or Black   | 218       | 396     | 614   | 36      | 64     |
| Hispanic or Latino Background:  |           |         |       |         |        |
| Mexican or Mexican American   | 10        | 9       | 19    | 53      | 47     |
| Puerto Rican  | 6         | 4       | 10    | 60      | 40     |
| Latin American, South American, Central American, or Other Hispanic or Latino | 13        | 25      | 38    | 34      | 66     |
| White   | 2,359     | 2,817   | 5,176 | 46      | 54     |
| Other   | 65        | 73      | 138   | 47      | 53     |
| No Response   | 256       | 207     | 463   | 55      | 45     |

| SAT I Test Takers<br>Who Described Themselves as:                             | Number of    |              |              | Percent Responding |            |            |
|---|--------------|--------------|--------------|--------------------|------------|------------|
|   | Males        | Females      | Total        | Male               | Female     | Total      |
| American Indian or Alaskan Native   | 33           | 14           | 47           | 1                  | 0          | 1          |
| Asian, Asian American, or Pacific Islander                                    | 148          | 182          | 330          | 5                  | 5          | 5          |
| African American or Black   | 218          | 396          | 614          | 8                  | 11         | 10         |
| Hispanic or Latino Background:  |              |              |              |                    |            |            |
| Mexican or Mexican American   | 10           | 9            | 19           | 0                  | 0          | 0          |
| Puerto Rican  | 6            | 4            | 10           | 0                  | 0          | 0          |
| Latin American, South American, Central American, or Other Hispanic or Latino | 13           | 25           | 38           | 0                  | 1          | 1          |
| White   | 2,359        | 2,817        | 5,176        | 83                 | 80         | 81         |
| Other   | 65           | 73           | 138          | 2                  | 2          | 2          |
| <b>Total</b>  | <b>2,852</b> | <b>3,520</b> | <b>6,372</b> | <b>100</b>         | <b>100</b> | <b>100</b> |

| SAT I Test Takers<br>Who Described Themselves as:                             | SAT I Verbal |        |       |                     |        |       | SAT I Math  |        |       |                     |        |       |
|---|--------------|--------|-------|---------------------|--------|-------|-------------|--------|-------|---------------------|--------|-------|
|   | Mean Scores  |        |       | Standard Deviations |        |       | Mean Scores |        |       | Standard Deviations |        |       |
|   | Male         | Female | Total | Male                | Female | Total | Male        | Female | Total | Male                | Female | Total |
| American Indian or Alaskan Native   | 585          | 549    | 574   | 106                 |        | 101   | 587         | 527    | 569   | 92                  |        | 96    |
| Asian, Asian American, or Pacific Islander                                    | 549          | 542    | 545   | 139                 | 135    | 137   | 623         | 578    | 598   | 104                 | 106    | 108   |
| African American or Black   | 481          | 482    | 482   | 114                 | 95     | 102   | 486         | 460    | 469   | 113                 | 100    | 105   |
| Hispanic or Latino Background:  |              |        |       |                     |        |       |             |        |       |                     |        |       |
| Mexican or Mexican American   | 609          | 504    | 559   |                     |        |       | 607         | 536    | 573   |                     |        |       |
| Puerto Rican  | 553          |        | 600   |                     |        |       | 568         |        | 581   |                     |        |       |
| Latin American, South American, Central American, or Other Hispanic or Latino | 525          | 531    | 529   |                     | 132    | 116   | 536         | 528    | 531   |                     | 125    | 117   |
| White   | 580          | 572    | 576   | 99                  | 95     | 97    | 587         | 548    | 565   | 99                  | 94     | 99    |
| Other   | 545          | 580    | 563   | 128                 | 119    | 125   | 572         | 544    | 557   | 110                 | 102    | 107   |
| No Response   | 560          | 560    | 560   | 113                 | 119    | 116   | 567         | 535    | 553   | 108                 | 103    | 107   |

**Table  
4-2**

**1998 Profile of College-Bound Seniors  
Background Information (Continued)  
TENNESSEE**

|   | SAT I<br>Test Takers |         | Percent |        | SAT I Verbal   |                        | SAT I Math     |                        |
|---|----------------------|---------|---------|--------|----------------|------------------------|----------------|------------------------|
|   | Number               | Percent | Male    | Female | Mean<br>Scores | Standard<br>Deviations | Mean<br>Scores | Standard<br>Deviations |
| <b>All SAT I Test Takers</b>  | 6,835                |         | 45      | 55     | 564            | 106                    | 557            | 105                    |
| <b>First Language Learned</b>   |                      |         |         |        |                |                        |                |                        |
| English   | 5,912                | 92      | 44      | 56     | 569            | 102                    | 557            | 104                    |
| English and Another Language  | 281                  | 4       | 48      | 52     | 549            | 111                    | 556            | 115                    |
| Another Language  | 223                  | 3       | 48      | 52     | 487            | 139                    | 572            | 104                    |
| No Response   | 419                  |         |         |        |                |                        |                |                        |
| <b>Citizenship</b>  |                      |         |         |        |                |                        |                |                        |
| U.S. Citizen or U.S. National   | 6,180                | 97      | 45      | 55     | 569            | 103                    | 558            | 105                    |
| U.S. Permanent Resident or Refugee  | 124                  | 2       | 50      | 50     | 503            | 127                    | 570            | 107                    |
| Citizen of Another Country  | 84                   | 1       | 43      | 57     | 416            | 112                    | 554            | 104                    |
| Other, Unknown, or No Response  | 447                  |         |         |        |                |                        |                |                        |
| <b>Disabling Condition</b>  |                      |         |         |        |                |                        |                |                        |
| Yes   | 271                  | 4       | 50      | 50     | 540            | 111                    | 527            | 116                    |
| No  | 5,891                | 96      | 44      | 56     | 567            | 104                    | 560            | 104                    |
| <b>SAT I Taken Under</b>  |                      |         |         |        |                |                        |                |                        |
| Standard Conditions   | 6,711                | 98      | 45      | 55     | 565            | 106                    | 557            | 105                    |
| Nonstandard Conditions  | 124                  | 2       | 63      | 37     | 538            | 96                     | 546            | 113                    |
| <b>Plans to Apply for Financial Aid</b>   |                      |         |         |        |                |                        |                |                        |
| Yes   | 4,604                | 72      | 43      | 57     | 569            | 105                    | 560            | 105                    |
| No  | 677                  | 11      | 52      | 48     | 552            | 99                     | 552            | 101                    |
| Don't Know  | 1,150                | 18      | 47      | 53     | 555            | 106                    | 551            | 104                    |
| <b>Family Income</b>  |                      |         |         |        |                |                        |                |                        |
| Less Than \$10,000  | 113                  | 2       | 32      | 68     | 484            | 124                    | 480            | 114                    |
| \$10,000 - \$20,000   | 298                  | 5       | 34      | 66     | 513            | 119                    | 508            | 113                    |
| \$20,000 - \$30,000   | 425                  | 7       | 44      | 56     | 530            | 119                    | 521            | 106                    |
| \$30,000 - \$40,000   | 621                  | 11      | 44      | 56     | 558            | 106                    | 546            | 106                    |
| \$40,000 - \$50,000   | 572                  | 10      | 47      | 53     | 559            | 105                    | 550            | 104                    |
| \$50,000 - \$60,000   | 624                  | 11      | 45      | 55     | 567            | 105                    | 552            | 106                    |
| \$60,000 - \$70,000   | 551                  | 10      | 45      | 55     | 568            | 95                     | 562            | 101                    |
| \$70,000 - \$80,000   | 516                  | 9       | 45      | 55     | 572            | 98                     | 565            | 99                     |
| \$80,000 - \$100,000  | 722                  | 13      | 47      | 53     | 581            | 96                     | 575            | 97                     |
| More Than \$100,000   | 1,280                | 22      | 51      | 49     | 586            | 94                     | 586            | 97                     |
| No Response   | 1,113                |         |         |        |                |                        |                |                        |
| <b>Highest Level of Parental Education</b>  |                      |         |         |        |                |                        |                |                        |
| No High School Diploma  | 60                   | 1       | 38      | 62     | 438            | 112                    | 471            | 116                    |
| High School Diploma   | 1,293                | 20      | 41      | 59     | 526            | 109                    | 517            | 104                    |
| Associate's Degree  | 314                  | 5       | 46      | 54     | 536            | 100                    | 530            | 109                    |
| Bachelor's Degree   | 2,177                | 34      | 45      | 55     | 565            | 98                     | 560            | 99                     |
| Graduate Degree   | 2,502                | 39      | 46      | 54     | 593            | 99                     | 583            | 101                    |
| <b>Calculator Experience</b>  |                      |         |         |        |                |                        |                |                        |
| Use Almost Every Day  | 5,084                | 83      | 44      | 56     | 575            | 100                    | 570            | 101                    |
| Use Once or Twice Weekly or Less  | 1,060                | 17      | 44      | 56     | 533            | 111                    | 513            | 105                    |
| Never Use or No Response  | 691                  |         |         |        |                |                        |                |                        |
| <b>Took the Preliminary SAT/National Merit<br/>Scholarship Qualifying Test (PSAT/NMSQT)</b> |                      |         |         |        |                |                        |                |                        |
| Yes   | 5,470                | 87      | 44      | 56     | 579            | 98                     | 571            | 100                    |
| No  | 787                  | 13      | 47      | 53     | 491            | 109                    | 487            | 102                    |
| Unknown or No Response  | 578                  |         |         |        |                |                        |                |                        |

**Table  
5**

**1998 Profile of College-Bound Seniors  
College Plans  
TENNESSEE**

| Intended College Major                                | SAT I Test Takers |         | Percent |        | SAT I Mean Scores |      |
|---|-------------------|---------|---------|--------|-------------------|------|
|   | Number            | Percent | Male    | Female | Verbal            | Math |
| Agriculture or Natural Resources                      | 79                | 1       | 51      | 49     | 554               | 532  |
| Architecture or Environmental Design                  | 186               | 3       | 54      | 46     | 549               | 560  |
| Arts: Visual and Performing                           | 466               | 7       | 38      | 62     | 570               | 535  |
| Biological Sciences                                   | 457               | 7       | 39      | 61     | 594               | 581  |
| Business and Commerce                                 | 714               | 11      | 55      | 45     | 532               | 541  |
| Communications  | 270               | 4       | 34      | 66     | 567               | 530  |
| Computer or Information Sciences                      | 207               | 3       | 80      | 20     | 570               | 581  |
| Education   | 355               | 6       | 22      | 78     | 537               | 522  |
| Engineering   | 635               | 10      | 77      | 23     | 568               | 601  |
| Foreign or Classical Languages                        | 47                | 1       | 40      | 60     | 597               | 579  |
| General or Interdisciplinary                          | 27                | 0       | 44      | 56     | 664               | 640  |
| Health and Allied Services                            | 1,261             | 20      | 32      | 68     | 558               | 558  |
| Home Economics  | 20                | 0       | 10      | 90     | 526               | 504  |
| Language and Literature                               | 116               | 2       | 34      | 66     | 643               | 577  |
| Library and Archival Sciences                         |                   |         |         |        |                   |      |
| Mathematics   | 36                | 1       | 42      | 58     | 583               | 634  |
| Military Sciences                                     | 31                | 0       | 87      | 13     | 560               | 517  |
| Philosophy, Religion, or Theology                     | 46                | 1       | 63      | 37     | 613               | 578  |
| Physical Sciences                                     | 110               | 2       | 58      | 42     | 626               | 627  |
| Public Affairs and Services                           | 78                | 1       | 45      | 55     | 491               | 487  |
| Social Sciences and History                           | 790               | 13      | 35      | 65     | 581               | 548  |
| Technical and Vocational                              | 18                | 0       | 67      | 33     | 504               | 479  |
| Undecided   | 346               | 5       | 51      | 49     | 568               | 570  |
| <b>Degree-Level Goal</b>                              |                   |         |         |        |                   |      |
| Certificate Program                                   | 34                | 1       | 56      | 44     | 483               | 467  |
| Associate's Degree                                    | 26                | 0       | 62      | 38     | 487               | 497  |
| Bachelor's Degree                                     | 1,053             | 17      | 45      | 55     | 527               | 521  |
| Master's Degree                                       | 1,874             | 30      | 48      | 52     | 561               | 555  |
| Doctoral or Related Degree                            | 2,206             | 35      | 43      | 57     | 593               | 585  |
| Other   | 26                | 0       | 58      | 42     | 470               | 488  |
| Undecided   | 1,048             | 17      | 42      | 58     | 560               | 552  |
| <b>Plans for Advanced Standing in College Courses</b> |                   |         |         |        |                   |      |
| Art   | 315               | 5       | 39      | 61     | 572               | 553  |
| Biology   | 1,007             | 16      | 43      | 57     | 617               | 607  |
| Chemistry   | 681               | 11      | 56      | 44     | 613               | 634  |
| Computer Science                                      | 195               | 3       | 79      | 21     | 585               | 593  |
| English   | 2,442             | 39      | 39      | 61     | 617               | 596  |
| Foreign Languages                                     | 1,280             | 20      | 39      | 61     | 612               | 602  |
| Humanities  | 166               | 3       | 42      | 58     | 630               | 585  |
| Mathematics   | 2,041             | 33      | 51      | 49     | 610               | 630  |
| Music   | 273               | 4       | 49      | 51     | 562               | 548  |
| Physics   | 588               | 9       | 60      | 40     | 628               | 651  |
| Social Studies  | 1,706             | 27      | 48      | 52     | 628               | 611  |
| None of These   | 2,062             | 33      | 45      | 55     | 510               | 503  |

**Table  
6**

**1998 Profile of College-Bound Seniors  
Score Distributions SAT I: Reasoning Test  
TENNESSEE**

**Verbal**

| Score<br>Ranges | Number of |         |       | Percent |        |       |
|-----------------|-----------|---------|-------|---------|--------|-------|
|                 | Males     | Females | Total | Male    | Female | Total |
| 750-800         | 147       | 128     | 275   | 5       | 3      | 4     |
| 700-740         | 226       | 217     | 443   | 7       | 6      | 6     |
| 650-690         | 387       | 441     | 828   | 12      | 12     | 12    |
| 600-640         | 533       | 628     | 1,161 | 17      | 17     | 17    |
| 550-590         | 600       | 713     | 1,313 | 19      | 19     | 19    |
| 500-540         | 501       | 667     | 1,168 | 16      | 18     | 17    |
| 450-490         | 342       | 443     | 785   | 11      | 12     | 11    |
| 400-440         | 169       | 242     | 411   | 5       | 6      | 6     |
| 350-390         | 119       | 155     | 274   | 4       | 4      | 4     |
| 300-340         | 49        | 62      | 111   | 2       | 2      | 2     |
| 250-290         | 21        | 20      | 41    | 1       | 1      | 1     |
| 200-240         | 14        | 11      | 25    | 0       | 0      | 0     |

**Math**

| Score<br>Ranges | Number of |         |       | Percent |        |       |
|-----------------|-----------|---------|-------|---------|--------|-------|
|                 | Males     | Females | Total | Male    | Female | Total |
| 750-800         | 134       | 51      | 185   | 4       | 1      | 3     |
| 700-740         | 283       | 155     | 438   | 9       | 4      | 6     |
| 650-690         | 455       | 333     | 788   | 15      | 9      | 12    |
| 600-640         | 580       | 565     | 1,145 | 19      | 15     | 17    |
| 550-590         | 552       | 723     | 1,275 | 18      | 19     | 19    |
| 500-540         | 454       | 671     | 1,125 | 15      | 18     | 16    |
| 450-490         | 331       | 575     | 906   | 11      | 15     | 13    |
| 400-440         | 165       | 353     | 518   | 5       | 9      | 8     |
| 350-390         | 85        | 183     | 268   | 3       | 5      | 4     |
| 300-340         | 37        | 77      | 114   | 1       | 2      | 2     |
| 250-290         | 27        | 31      | 58    | 1       | 1      | 1     |
| 200-240         | 5         | 10      | 15    | 0       | 0      | 0     |

**Number of**

|                    | Males | Females | Total |
|--------------------|-------|---------|-------|
| Number             | 3,108 | 3,727   | 6,835 |
| Mean               | 569   | 560     | 564   |
| Standard Deviation | 107   | 104     | 106   |
| <b>Percentile</b>  |       |         |       |
| 75th               | 640   | 630     | 640   |
| 50th (Median)      | 570   | 560     | 570   |
| 25th               | 500   | 490     | 500   |

**Number of**

|                    | Males | Females | Total |
|--------------------|-------|---------|-------|
| Number             | 3,108 | 3,727   | 6,835 |
| Mean               | 579   | 539     | 557   |
| Standard Deviation | 105   | 101     | 105   |
| <b>Percentile</b>  |       |         |       |
| 75th               | 650   | 610     | 630   |
| 50th (Median)      | 590   | 540     | 560   |
| 25th               | 510   | 470     | 490   |

**NATIONAL**

|                    |         |         |           |
|--------------------|---------|---------|-----------|
| Number             | 541,962 | 630,817 | 1,172,779 |
| Mean               | 509     | 502     | 505       |
| Standard Deviation | 112     | 109     | 111       |
| <b>Percentile</b>  |         |         |           |
| 75th               | 580     | 580     | 580       |
| 50th (Median)      | 510     | 500     | 500       |
| 25th               | 430     | 430     | 430       |

|                    |         |         |           |
|--------------------|---------|---------|-----------|
| Number             | 541,962 | 630,817 | 1,172,779 |
| Mean               | 531     | 496     | 512       |
| Standard Deviation | 114     | 108     | 112       |
| <b>Percentile</b>  |         |         |           |
| 75th               | 610     | 570     | 590       |
| 50th (Median)      | 530     | 490     | 510       |
| 25th               | 450     | 420     | 430       |

**Table  
7-1**

**1998 Profile of College-Bound Seniors  
Score Distributions SAT II: Subject Tests  
TENNESSEE**

| Students who took one or more different SAT II: Subject Tests. |  |  |  |                         |  |        |  |         |  |  |
|--|--|--|--|-------------------------|--|--------|--|---------|--|--|
|  |  |  |  | Number of Subject Tests |  | Number |  | Percent |  |  |
|  |  |  |  | 1                       |  | 139    |  | 10      |  |  |
|  |  |  |  | 2                       |  | 201    |  | 14      |  |  |
|  |  |  |  | 3                       |  | 809    |  | 55      |  |  |
|  |  |  |  | 4 or more               |  | 313    |  | 21      |  |  |

| Score Ranges       | SAT II: Subject Tests |         | English |         | Literature |         | History and Social Studies |         |               |         |
|--------------------|-----------------------|---------|---------|---------|------------|---------|----------------------------|---------|---------------|---------|
|                    | Average               |         | Writing |         |            |         | American History           |         | World History |         |
|                    | Number                | Percent | Number  | Percent | Number     | Percent | Number                     | Percent | Number        | Percent |
| 750-800            | 67                    | 5       | 119     | 10      | 28         | 11      | 58                         | 12      | 3             | 11      |
| 700-740            | 171                   | 12      | 175     | 14      | 42         | 17      | 70                         | 15      | 5             | 19      |
| 650-690            | 302                   | 21      | 245     | 20      | 62         | 24      | 97                         | 21      | 5             | 19      |
| 600-640            | 347                   | 24      | 240     | 20      | 58         | 23      | 99                         | 21      | 5             | 19      |
| 550-590            | 272                   | 19      | 197     | 16      | 26         | 10      | 69                         | 15      | 4             | 15      |
| 500-540            | 173                   | 12      | 141     | 12      | 20         | 8       | 47                         | 10      | 4             | 15      |
| 450-490            | 86                    | 6       | 71      | 6       | 11         | 4       | 17                         | 4       | 1             | 4       |
| 400-440            | 35                    | 2       | 16      | 1       | 6          | 2       | 6                          | 1       |               |         |
| 350-390            | 6                     | 0       | 9       | 1       |            |         | 2                          | 0       |               |         |
| 300-340            | 3                     | 0       | 5       | 0       | 1          | 0       | 1                          | 0       |               |         |
| 250-290            |                       |         | 1       | 0       |            |         |                            |         |               |         |
| 200-240            |                       |         |         |         |            |         |                            |         |               |         |
| Number             | 1,462                 |         | 1,219   |         | 254        |         | 466                        |         | 27            |         |
| Mean               | 615                   |         | 626     |         | 641        |         | 638                        |         | 642           |         |
| Standard Deviation | 83                    |         | 92      |         | 88         |         | 88                         |         | 90            |         |
| Percentile         |                       |         |         |         |            |         |                            |         |               |         |
| 75th               | 680                   |         | 690     |         | 700        |         | 700                        |         | 720           |         |
| 50th (Median)      | 620                   |         | 630     |         | 650        |         | 640                        |         | 620           |         |
| 25th               | 560                   |         | 560     |         | 590        |         | 580                        |         | 550           |         |

|                                     |       |  |       |  |     |  |     |  |     |  |
|-------------------------------------|-------|--|-------|--|-----|--|-----|--|-----|--|
| Students Who Also Have SAT I Scores |       |  |       |  |     |  |     |  |     |  |
| Number                              | 1,392 |  | 1,179 |  | 240 |  | 451 |  | 27  |  |
| Verbal                              |       |  |       |  |     |  |     |  |     |  |
| Mean                                | 639   |  | 648   |  | 660 |  | 657 |  | 670 |  |
| Standard Deviation                  | 88    |  | 85    |  | 83  |  | 78  |  | 92  |  |
| Math                                |       |  |       |  |     |  |     |  |     |  |
| Mean                                | 638   |  | 645   |  | 630 |  | 643 |  | 649 |  |
| Standard Deviation                  | 83    |  | 80    |  | 75  |  | 79  |  | 83  |  |

**Points to Note:**

- Includes scores placed on hold by students and not released.
- All scores for SAT II: Writing Test are on the scale used April 1995 through March 1998.

**Table  
7-2**

**1998 Profile of College-Bound Seniors**  
**Score Distributions SAT II: Subject Tests (Continued)**  
**TENNESSEE**

| Score<br>Ranges                            | Math         |         |               |         |                |         | Science |         |           |         |         |         |
|--|--------------|---------|---------------|---------|----------------|---------|---------|---------|-----------|---------|---------|---------|
|  | Math Level I |         | Math Level IC |         | Math Level IIC |         | Biology |         | Chemistry |         | Physics |         |
|  | Number       | Percent | Number        | Percent | Number         | Percent | Number  | Percent | Number    | Percent | Number  | Percent |
| 750-800                                    | 1            | 1       | 17            | 4       | 122            | 18      | 26      | 9       | 44        | 13      | 23      | 17      |
| 700-740                                    | 8            | 9       | 40            | 8       | 95             | 14      | 37      | 13      | 54        | 17      | 12      | 9       |
| 650-690                                    | 19           | 22      | 92            | 19      | 136            | 20      | 51      | 18      | 58        | 18      | 27      | 20      |
| 600-640                                    | 21           | 25      | 107           | 22      | 160            | 23      | 53      | 18      | 61        | 19      | 22      | 17      |
| 550-590                                    | 15           | 18      | 81            | 17      | 113            | 16      | 52      | 18      | 39        | 12      | 22      | 17      |
| 500-540                                    | 11           | 13      | 72            | 15      | 56             | 8       | 36      | 13      | 43        | 13      | 16      | 12      |
| 450-490                                    | 7            | 8       | 45            | 9       | 11             | 2       | 21      | 7       | 20        | 6       | 9       | 7       |
| 400-440                                    | 2            | 2       | 16            | 3       | 2              | 0       | 8       | 3       | 7         | 2       | 2       | 2       |
| 350-390                                    | 1            | 1       | 5             | 1       |                |         | 2       | 1       |           |         |         |         |
| 300-340                                    |              |         | 1             | 0       |                |         | 1       | 0       |           |         |         |         |
| 250-290                                    |              |         |               |         |                |         |         |         |           |         |         |         |
| 200-240                                    |              |         |               |         |                |         |         |         |           |         |         |         |
| Number                                     | 85           |         | 476           |         | 695            |         | 287     |         | 326       |         | 133     |         |
| Mean                                       | 602          |         | 596           |         | 653            |         | 616     |         | 634       |         | 636     |         |
| Standard<br>Deviation                      | 82           |         | 87            |         | 83             |         | 95      |         | 95        |         | 97      |         |
| Percentile                                 |              |         |               |         |                |         |         |         |           |         |         |         |
| 75th                                       | 650          |         | 660           |         | 710            |         | 680     |         | 710       |         | 700     |         |
| 50th (Median)                              | 620          |         | 600           |         | 650            |         | 620     |         | 640       |         | 640     |         |
| 25th                                       | 540          |         | 530           |         | 590            |         | 550     |         | 550       |         | 560     |         |
| <b>Students Who Also Have SAT I Scores</b> |              |         |               |         |                |         |         |         |           |         |         |         |
| Number                                     | 73           |         | 455           |         | 676            |         | 272     |         | 313       |         | 125     |         |
| <b>Verbal</b>                              |              |         |               |         |                |         |         |         |           |         |         |         |
| Mean                                       | 622          |         | 622           |         | 664            |         | 642     |         | 658       |         | 648     |         |
| Standard<br>Deviation                      | 96           |         | 91            |         | 82             |         | 84      |         | 88        |         | 98      |         |
| <b>Math</b>                                |              |         |               |         |                |         |         |         |           |         |         |         |
| Mean                                       | 625          |         | 614           |         | 676            |         | 634     |         | 675       |         | 690     |         |
| Standard<br>Deviation                      | 85           |         | 77            |         | 71             |         | 91      |         | 75        |         | 75      |         |

**Point to Note:** Includes scores placed on hold by students and not released.

**Table  
7-3**

**1998 Profile of College-Bound Seniors**  
**Score Distributions SAT II: Subject Tests (Continued)**  
**TENNESSEE**

| Score<br>Ranges                            | Foreign and Classical Languages |         |        |         |                       |         |        |         |                       |         |               |         |
|--|---------------------------------|---------|--------|---------|-----------------------|---------|--------|---------|-----------------------|---------|---------------|---------|
|  | Chinese with Listening          |         | French |         | French with Listening |         | German |         | German with Listening |         | Modern Hebrew |         |
|  | Number                          | Percent | Number | Percent | Number                | Percent | Number | Percent | Number                | Percent | Number        | Percent |
| 750-800                                    | 5                               | 63      | 4      | 5       | 1                     | 6       | 1      | 13      |                       |         |               |         |
| 700-740                                    | 1                               | 13      | 5      | 6       |                       |         | 1      | 13      | 2                     | 25      |               |         |
| 650-690                                    | 1                               | 13      | 10     | 11      | 4                     | 22      | 1      | 13      | 2                     | 25      |               |         |
| 600-640                                    | 1                               | 13      | 11     | 13      | 7                     | 39      |        |         |                       |         |               |         |
| 550-590                                    |                                 |         | 14     | 16      | 3                     | 17      | 1      | 13      | 2                     | 25      | 2             | 100     |
| 500-540                                    |                                 |         | 12     | 14      | 1                     | 6       | 1      | 13      | 2                     | 25      |               |         |
| 450-490                                    |                                 |         | 15     | 17      | 2                     | 11      | 1      | 13      |                       |         |               |         |
| 400-440                                    |                                 |         | 11     | 13      |                       |         | 1      | 13      |                       |         |               |         |
| 350-390                                    |                                 |         | 5      | 6       |                       |         | 1      | 13      |                       |         |               |         |
| 300-340                                    |                                 |         |        |         |                       |         |        |         |                       |         |               |         |
| 250-290                                    |                                 |         |        |         |                       |         |        |         |                       |         |               |         |
| 200-240                                    |                                 |         |        |         |                       |         |        |         |                       |         |               |         |
| Number                                     | 8                               |         | 87     |         | 18                    |         | 8      |         | 8                     |         | 2             |         |
| Mean                                       | 741                             |         | 552    |         | 610                   |         | 571    |         | 620                   |         |               |         |
| Standard<br>Deviation                      |                                 |         | 107    |         |                       |         |        |         |                       |         |               |         |
| Percentile                                 |                                 |         |        |         |                       |         |        |         |                       |         |               |         |
| 75th                                       |                                 |         | 630    |         |                       |         |        |         |                       |         |               |         |
| 50th (Median)                              |                                 |         | 540    |         |                       |         |        |         |                       |         |               |         |
| 25th                                       |                                 |         | 470    |         |                       |         |        |         |                       |         |               |         |
| <b>Students Who Also Have SAT I Scores</b> |                                 |         |        |         |                       |         |        |         |                       |         |               |         |
| Number                                     | 8                               |         | 86     |         | 16                    |         | 8      |         | 8                     |         | 2             |         |
| <b>Verbal</b>                              |                                 |         |        |         |                       |         |        |         |                       |         |               |         |
| Mean                                       | 451                             |         | 631    |         | 652                   |         | 660    |         | 699                   |         |               |         |
| Standard<br>Deviation                      |                                 |         | 92     |         |                       |         |        |         |                       |         |               |         |
| <b>Math</b>                                |                                 |         |        |         |                       |         |        |         |                       |         |               |         |
| Mean                                       | 654                             |         | 612    |         | 638                   |         | 646    |         | 686                   |         |               |         |
| Standard<br>Deviation                      |                                 |         | 81     |         |                       |         |        |         |                       |         |               |         |

**Point to Note:** Includes scores placed on hold by students and not released.



**Table  
7-4**

**1998 Profile of College-Bound Seniors**  
**Score Distributions SAT II: Subject Tests (Continued)**  
**TENNESSEE**

| Score<br>Ranges                            | Foreign and Classical Languages (Continued) |         |                                   |         |                 |         |                   |         |                                  |         |
|--|---|---------|-----------------------------------|---------|-----------------|---------|-------------------|---------|----------------------------------|---------|
|  | Italian<br>Number                           | Percent | Japanese with Listening<br>Number | Percent | Latin<br>Number | Percent | Spanish<br>Number | Percent | Spanish with Listening<br>Number | Percent |
| 750-800                                    | 1   | 100     | 2                                 | 25      | 8               | 13      | 3                 | 2       | 1                                | 4       |
| 700-740                                    |   |         | 2                                 | 25      | 7               | 12      | 15                | 10      | 3                                | 12      |
| 650-690                                    |   |         | 1                                 | 13      | 8               | 13      | 13                | 9       | 4                                | 15      |
| 600-640                                    |   |         | 2                                 | 25      | 6               | 10      | 18                | 12      | 4                                | 15      |
| 550-590                                    |   |         |                                   |         | 7               | 12      | 20                | 14      | 4                                | 15      |
| 500-540                                    |   |         |                                   |         | 11              | 18      | 24                | 16      | 4                                | 15      |
| 450-490                                    |   |         | 1                                 | 13      | 9               | 15      | 15                | 10      | 3                                | 12      |
| 400-440                                    |   |         |                                   |         | 4               | 7       | 20                | 14      | 2                                | 8       |
| 350-390                                    |   |         |                                   |         |                 |         | 10                | 7       | 1                                | 4       |
| 300-340                                    |   |         |                                   |         |                 |         | 7                 | 5       |                                  |         |
| 250-290                                    |   |         |                                   |         |                 |         | 2                 | 1       |                                  |         |
| 200-240                                    |   |         |                                   |         |                 |         | 1                 | 1       |                                  |         |
| Number                                     | 1   |         | 8                                 |         | 60              |         | 148               |         | 26                               |         |
| Mean                                       |   |         | 675                               |         | 602             |         | 532               |         | 580                              |         |
| Standard<br>Deviation                      |   |         |                                   |         | 112             |         | 121               |         | 100                              |         |
| Percentile                                 |   |         |                                   |         |                 |         |                   |         |                                  |         |
| 75th                                       |   |         |                                   |         | 690             |         | 620               |         | 650                              |         |
| 50th (Median)                              |   |         |                                   |         | 580             |         | 520               |         | 560                              |         |
| 25th                                       |   |         |                                   |         | 500             |         | 440               |         | 490                              |         |
| <b>Students Who Also Have SAT I Scores</b> |   |         |                                   |         |                 |         |                   |         |                                  |         |
| Number                                     | 1   |         | 7                                 |         | 59              |         | 143               |         | 25                               |         |
| <b>Verbal</b>                              |   |         |                                   |         |                 |         |                   |         |                                  |         |
| Mean                                       |   |         | 574                               |         | 669             |         | 626               |         | 621                              |         |
| Standard<br>Deviation                      |   |         |                                   |         | 83              |         | 83                |         | 63                               |         |
| <b>Math</b>                                |   |         |                                   |         |                 |         |                   |         |                                  |         |
| Mean                                       |   |         | 613                               |         | 656             |         | 616               |         | 614                              |         |
| Standard<br>Deviation                      |   |         |                                   |         | 67              |         | 87                |         | 73                               |         |

**Point to Note:** Includes scores placed on hold by students and not released.

**Table  
8**

**1998 Profile of College-Bound Seniors  
High School Information  
TENNESSEE**

| Size of Senior Class           | SAT I Test Takers |         | Percent |        | SAT I Mean Scores |      |
|--------------------------------|-------------------|---------|---------|--------|-------------------|------|
|                                | Number            | Percent | Male    | Female | Verbal            | Math |
| More than 1,000                |                   |         |         |        |                   |      |
| 750 - 1,000                    |                   |         |         |        |                   |      |
| 500 - 749                      | 370               | 6       | 45      | 55     | 565               | 558  |
| 250 - 499                      | 2,415             | 37      | 44      | 56     | 566               | 562  |
| 100 - 249                      | 2,328             | 35      | 47      | 53     | 560               | 555  |
| Fewer than 100                 | 1,450             | 22      | 47      | 53     | 577               | 561  |
| Unknown                        | 272               |         |         |        |                   |      |
| <b>Type of High School</b>     |                   |         |         |        |                   |      |
| Public                         | 4,330             | 66      | 43      | 57     | 560               | 554  |
| Religiously Affiliated         | 940               | 14      | 43      | 57     | 566               | 546  |
| Independent                    | 1,311             | 20      | 55      | 45     | 586               | 585  |
| Other or Unknown               | 254               |         |         |        |                   |      |
| <b>Location of High School</b> |                   |         |         |        |                   |      |
| Large City                     | 2,066             | 31      | 46      | 54     | 564               | 554  |
| Medium-size City               | 1,392             | 21      | 43      | 57     | 562               | 559  |
| Small City or Town             | 1,149             | 18      | 44      | 56     | 573               | 564  |
| Suburban                       | 1,514             | 23      | 49      | 51     | 573               | 566  |
| Rural                          | 443               | 7       | 45      | 55     | 551               | 543  |
| Unknown                        | 271               |         |         |        |                   |      |

Point to Note: Charter, Correspondence, and Home Schools are included in Type of High School as Other or Unknown.

**Table  
9**

**1998 Profile of College-Bound Seniors  
Colleges, Universities, and Scholarship Programs  
TENNESSEE**

**Colleges, universities, and scholarship programs that received the most  
SAT Program Score Reports from your students.**

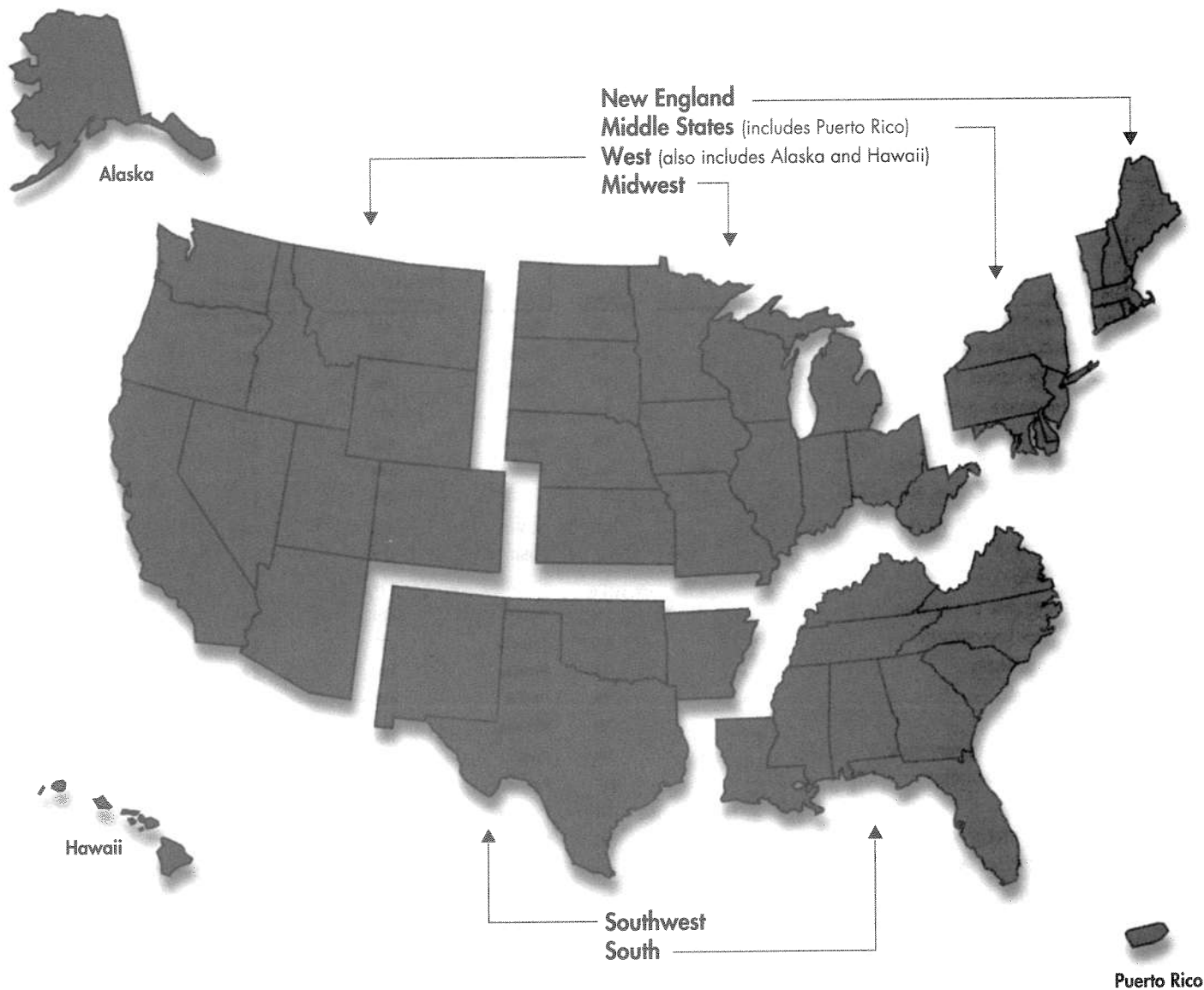
| Institution                    | State | Type    | Number of<br>Students | Percent of<br>Score Senders |
|--------------------------------|-------|---------|-----------------------|-----------------------------|
| UNIV TENNESSEE KNOXVILLE*      | TN    | Public  | 2,520                 | 40.8                        |
| VANDERBILT UNIVERSITY          | TN    | Private | 1,385                 | 22.5                        |
| MIDDLE TENNESSEE STATE UNIV    | TN    | Public  | 760                   | 12.3                        |
| UNIV TENNESSEE CHATTANOOGA     | TN    | Public  | 710                   | 11.5                        |
| UNIV MEMPHIS                   | TN    | Public  | 559                   | 9.1                         |
| AUBURN UNIV AUBURN UNIV        | AL    | Public  | 494                   | 8.0                         |
| NATIONAL MERIT SCHOL PROGRAM   | IL    |         | 490                   | 7.9                         |
| UNIV NORTH CAROLINA CHAPEL HL  | NC    | Public  | 468                   | 7.6                         |
| UNIV GEORGIA ATHENS*           | GA    | Public  | 457                   | 7.4                         |
| DUKE UNIVERSITY                | NC    | Private | 454                   | 7.4                         |
| EAST TENNESSEE STATE UNIV      | TN    | Public  | 438                   | 7.1                         |
| WASHINGTON UNIVERSITY          | MO    | Private | 437                   | 7.1                         |
| EMORY UNIVERSITY               | GA    | Private | 426                   | 6.9                         |
| UNIV VIRGINIA                  | VA    | Public  | 417                   | 6.8                         |
| RHODES COLLEGE                 | TN    | Private | 391                   | 6.3                         |
| TENNESSEE TECH UNIVERSITY      | TN    | Public  | 370                   | 6.0                         |
| WAKE FOREST UNIVERSITY         | NC    | Private | 365                   | 5.9                         |
| UNIV SOUTH                     | TN    | Private | 356                   | 5.8                         |
| FURMAN UNIVERSITY              | SC    | Private | 340                   | 5.5                         |
| GEORGIA INST TECHNOLOGY        | GA    | Public  | 321                   | 5.2                         |
| BELMONT UNIVERSITY             | TN    | Private | 305                   | 4.9                         |
| UNIV TENNESSEE MARTIN          | TN    | Public  | 273                   | 4.4                         |
| UNIV MISSISSIPPI               | MS    | Public  | 269                   | 4.4                         |
| NCAA INITIAL ELIG CLEARINGHSE  | IA    |         | 253                   | 4.1                         |
| CARSON-NEWMAN COLLEGE          | TN    | Private | 250                   | 4.1                         |
| CLEMSON UNIVERSITY             | SC    | Public  | 246                   | 4.0                         |
| NORTHWSTRN UNIVERSITY*         | IL    | Private | 239                   | 3.9                         |
| DAVID LIPSCOMB UNIVERSITY      | TN    | Private | 232                   | 3.8                         |
| SAMFORD UNIVERSITY             | AL    | Private | 228                   | 3.7                         |
| HARVARD-RADCLIFFE FRESHMAN ADM | MA    | Private | 225                   | 3.6                         |
| UNIV ALABAMA TUSCALOOSA*       | AL    | Public  | 208                   | 3.4                         |
| NEW YORK UNIVERSITY            | NY    | Private | 207                   | 3.4                         |
| UNIV KENTUCKY LEXINGTON*       | KY    | Public  | 204                   | 3.3                         |
| COLL CHARLESTON                | SC    | Public  | 203                   | 3.3                         |
| UNIV COLORADO BOULDER*         | CO    | Public  | 199                   | 3.2                         |
| TENNESSEE STATE UNIVERSITY     | TN    | Public  | 195                   | 3.2                         |
| APPALACHIAN STATE UNIVERSITY   | NC    | Public  | 194                   | 3.1                         |
| FLORIDA STATE UNIVERSITY       | FL    | Public  | 191                   | 3.1                         |
| TULANE UNIVERSITY              | LA    | Private | 188                   | 3.0                         |

1,336 Number of colleges, universities, or scholarship programs, not listed, that received reports from your students.

1,375 Total number of colleges, universities, or scholarship programs that received reports from your students.

\*Main Campus

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