

# SAT<sup>®</sup> Subject Tests<sup>™</sup> Percentile Ranks



SAT<sup>®</sup>

## 2011 College-Bound Seniors

This table allows you to compare a student's scores with the performance of other test-takers. The percentile rank shows students what percentage of college-bound seniors earned a lower score than they did. A student with a Literature score of 600, for example, can see that 55 percent of test-takers scored lower.

Please note that the population of test-takers differs from test to test and from the larger group that takes the SAT<sup>®</sup>. For this reason, scores and percentiles of different SAT Subject Tests<sup>™</sup> cannot be compared.

| Score | Literature | History and Social Studies |               | Mathematics  |               | Science            |                   |           |         | Score |
|-------|------------|----------------------------|---------------|--------------|---------------|--------------------|-------------------|-----------|---------|-------|
|       |            | U.S. History               | World History | Math Level I | Math Level II | Ecological Biology | Molecular Biology | Chemistry | Physics |       |
| 800   | 99         | 98                         | 96            | 99           | 87            | 98                 | 97                | 92        | 89      | 800   |
| 790   | 99         | 97                         | 94            | 99           | 85            | 98                 | 95                | 90        | 87      | 790   |
| 780   | 98         | 95                         | 93            | 98           | 82            | 96                 | 93                | 86        | 84      | 780   |
| 770   | 97         | 93                         | 90            | 97           | 79            | 95                 | 90                | 83        | 82      | 770   |
| 760   | 96         | 91                         | 88            | 96           | 77            | 93                 | 88                | 80        | 78      | 760   |
| 750   | 94         | 89                         | 85            | 94           | 73            | 90                 | 84                | 77        | 76      | 750   |
| 740   | 92         | 86                         | 82            | 91           | 71            | 88                 | 80                | 73        | 72      | 740   |
| 730   | 91         | 83                         | 81            | 88           | 68            | 86                 | 77                | 71        | 69      | 730   |
| 720   | 89         | 80                         | 77            | 85           | 66            | 83                 | 73                | 67        | 66      | 720   |
| 710   | 87         | 77                         | 75            | 82           | 62            | 80                 | 70                | 64        | 62      | 710   |
| 700   | 83         | 73                         | 73            | 78           | 61            | 77                 | 66                | 61        | 59      | 700   |
| 690   | 81         | 71                         | 70            | 74           | 58            | 74                 | 62                | 57        | 56      | 690   |
| 680   | 78         | 67                         | 67            | 70           | 56            | 70                 | 58                | 54        | 52      | 680   |
| 670   | 75         | 64                         | 64            | 66           | 53            | 68                 | 55                | 51        | 49      | 670   |
| 660   | 73         | 61                         | 62            | 62           | 50            | 64                 | 52                | 48        | 46      | 660   |
| 650   | 69         | 58                         | 59            | 58           | 47            | 60                 | 48                | 45        | 43      | 650   |
| 640   | 66         | 55                         | 56            | 56           | 44            | 57                 | 44                | 42        | 40      | 640   |
| 630   | 63         | 52                         | 54            | 52           | 40            | 54                 | 42                | 39        | 37      | 630   |
| 620   | 60         | 49                         | 52            | 47           | 37            | 50                 | 38                | 36        | 34      | 620   |
| 610   | 57         | 46                         | 48            | 43           | 33            | 47                 | 35                | 34        | 31      | 610   |
| 600   | 55         | 43                         | 46            | 41           | 31            | 44                 | 32                | 31        | 28      | 600   |
| 590   | 52         | 40                         | 43            | 37           | 28            | 41                 | 30                | 29        | 26      | 590   |
| 580   | 48         | 38                         | 40            | 35           | 25            | 37                 | 27                | 26        | 23      | 580   |
| 570   | 45         | 35                         | 37            | 31           | 22            | 35                 | 25                | 24        | 21      | 570   |
| 560   | 43         | 33                         | 34            | 28           | 20            | 31                 | 22                | 22        | 19      | 560   |
| 550   | 40         | 31                         | 31            | 25           | 18            | 28                 | 20                | 20        | 17      | 550   |
| 540   | 36         | 28                         | 29            | 23           | 15            | 26                 | 18                | 18        | 15      | 540   |
| 530   | 33         | 26                         | 27            | 20           | 14            | 24                 | 16                | 16        | 13      | 530   |
| 520   | 31         | 23                         | 25            | 18           | 12            | 21                 | 15                | 14        | 11      | 520   |
| 510   | 29         | 21                         | 23            | 16           | 10            | 19                 | 13                | 12        | 10      | 510   |
| 500   | 26         | 19                         | 20            | 14           | 8             | 17                 | 12                | 11        | 9       | 500   |

# SAT<sup>®</sup> Subject Tests<sup>™</sup> Percentile Ranks

2011 College-Bound Seniors



| Score       | Literature | History and Social Studies |               | Mathematics  |               | Science            |                   |           |         | Score       |
|-------------|------------|----------------------------|---------------|--------------|---------------|--------------------|-------------------|-----------|---------|-------------|
|             |            | U.S. History               | World History | Math Level I | Math Level II | Ecological Biology | Molecular Biology | Chemistry | Physics |             |
| 490         | 24         | 17                         | 18            | 13           | 7             | 15                 | 10                | 10        | 8       | 490         |
| 480         | 22         | 15                         | 16            | 11           | 6             | 13                 | 9                 | 8         | 6       | 480         |
| 470         | 19         | 13                         | 14            | 9            | 4             | 12                 | 8                 | 7         | 5       | 470         |
| 460         | 16         | 12                         | 12            | 8            | 3             | 11                 | 7                 | 6         | 4       | 460         |
| 450         | 14         | 10                         | 10            | 7            | 3             | 9                  | 6                 | 5         | 3       | 450         |
| 440         | 13         | 8                          | 8             | 6            | 2             | 8                  | 5                 | 4         | 3       | 440         |
| 430         | 11         | 7                          | 7             | 5            | 2             | 7                  | 5                 | 3         | 2       | 430         |
| 420         | 9          | 6                          | 6             | 4            | 1             | 6                  | 4                 | 3         | 1       | 420         |
| 410         | 7          | 4                          | 5             | 3            | 1             | 5                  | 4                 | 2         | 1       | 410         |
| 400         | 6          | 3                          | 4             | 3            | 1             | 4                  | 3                 | 1         | 1       | 400         |
| 390         | 5          | 3                          | 3             | 2            | 1-            | 4                  | 2                 | 1         | 1-      | 390         |
| 380         | 4          | 2                          | 2             | 2            | 1-            | 3                  | 2                 | 1-        | 1-      | 380         |
| 370         | 2          | 1                          | 2             | 1            | 1-            | 2                  | 2                 | 1-        | 1-      | 370         |
| 360         | 2          | 1                          | 1             | 1            | 1-            | 2                  | 1                 | 1-        | 1-      | 360         |
| 350         | 1          | 1-                         | 1             | 1            | 1-            | 1                  | 1                 | 1-        | 1-      | 350         |
| 340         | 1          | 1-                         | 1             | 1-           | 1-            | 1                  | 1                 | 1-        | —       | 340         |
| 330         | 1-         | 1-                         | 1-            | 1-           | 1-            | 1                  | 1-                | 1-        | —       | 330         |
| 320         | 1-         | 1-                         | 1-            | 1-           | 1-            | 1-                 | 1-                | 1-        | —       | 320         |
| 310         | 1-         | 1-                         | 1-            | 1-           | —             | 1-                 | 1-                | —         | —       | 310         |
| 300         | 1-         | 1-                         | 1-            | 1-           | —             | 1-                 | 1-                | —         | —       | 300         |
| 290         | 1-         | 1-                         | 1-            | 1-           | —             | 1-                 | 1-                | —         | —       | 290         |
| 280         | 1-         | 1-                         | 1-            | 1-           | —             | 1-                 | 1-                | —         | —       | 280         |
| 270         | 1-         | 1-                         | 1-            | —            | —             | 1-                 | 1-                | —         | —       | 270         |
| 260         | 1-         | —                          | 1-            | —            | —             | 1-                 | —                 | —         | —       | 260         |
| 250         | 1-         | —                          | 1-            | —            | —             | —                  | —                 | —         | —       | 250         |
| 240         | —          | —                          | 1-            | —            | —             | —                  | —                 | —         | —       | 240         |
| 230         | —          | —                          | —             | —            | —             | —                  | —                 | —         | —       | 230         |
| 220         | —          | —                          | —             | —            | —             | —                  | —                 | —         | —       | 220         |
| 210         | —          | —                          | —             | —            | —             | —                  | —                 | —         | —       | 210         |
| 200         | —          | —                          | —             | —            | —             | —                  | —                 | —         | —       | 200         |
| <b>N.</b>   | 120,004    | 126,681                    | 19,688        | 82,827       | 176,472       | 40,076             | 46,130            | 76,077    | 49,608  | <b>N.</b>   |
| <b>Mean</b> | 576        | 608                        | 607           | 610          | 654           | 604                | 635               | 648       | 656     | <b>Mean</b> |
| <b>S.D.</b> | 111        | 113                        | 118           | 100          | 107           | 110                | 108               | 110       | 105     | <b>S.D.</b> |
| <b>SEM</b>  | 30         | 30                         | 30            | 30           | 30            | 30                 | 30                | 20        | 30      | <b>SEM</b>  |
| <b>SED</b>  | 50         | 40                         | 40            | 40           | 40            | 40                 | 40                | 30        | 40      | <b>SED</b>  |

# SAT® Subject Tests™ Percentile Ranks

2011 College-Bound Seniors



| Score | Languages — Listening |        |        |          |        |         | Languages — Reading |        |               |         |       |         | Score |
|-------|-----------------------|--------|--------|----------|--------|---------|---------------------|--------|---------------|---------|-------|---------|-------|
|       | Chinese               | French | German | Japanese | Korean | Spanish | French              | German | Modern Hebrew | Italian | Latin | Spanish |       |
| 800   | 60                    | 85     | 94     | 86       | 54     | 96      | 90                  | 82     | 83            | 92      | 95    | 92      | 800   |
| 790   | 46                    | 83     | 94     | 78       | 40     | 88      | 88                  | 81     | 80            | 84      | 94    | 89      | 790   |
| 780   | 38                    | 81     | 90     | 73       | 32     | 84      | 86                  | 80     | 78            | 81      | 93    | 87      | 780   |
| 770   | 33                    | 78     | 90     | 68       | 26     | 83      | 84                  | 78     | 76            | 75      | 91    | 83      | 770   |
| 760   | 28                    | 77     | 87     | 65       | 23     | 78      | 82                  | 76     | 75            | 71      | 89    | 79      | 760   |
| 750   | 25                    | 74     | 81     | 60       | 19     | 71      | 79                  | 76     | 73            | 68      | 87    | 76      | 750   |
| 740   | 22                    | 72     | 81     | 54       | 17     | 69      | 77                  | 73     | 71            | 65      | 85    | 71      | 740   |
| 730   | 19                    | 70     | 77     | 53       | 15     | 66      | 74                  | 71     | 69            | 60      | 81    | 68      | 730   |
| 720   | 17                    | 66     | 75     | 50       | 13     | 62      | 72                  | 69     | 66            | 57      | 79    | 65      | 720   |
| 710   | 16                    | 63     | 72     | 46       | 12     | 57      | 69                  | 67     | 65            | 53      | 77    | 61      | 710   |
| 700   | 14                    | 61     | 68     | 44       | 10     | 54      | 68                  | 64     | 63            | 49      | 73    | 58      | 700   |
| 690   | 13                    | 59     | 67     | 41       | 9      | 49      | 65                  | 63     | 61            | 44      | 71    | 55      | 690   |
| 680   | 11                    | 56     | 65     | 38       | 8      | 45      | 62                  | 61     | 59            | 41      | 68    | 52      | 680   |
| 670   | 10                    | 53     | 62     | 36       | 7      | 43      | 59                  | 57     | 58            | 38      | 66    | 49      | 670   |
| 660   | 9                     | 50     | 61     | 33       | 6      | 40      | 57                  | 55     | 55            | 36      | 64    | 46      | 660   |
| 650   | 8                     | 48     | 56     | 30       | 5      | 36      | 54                  | 53     | 54            | 33      | 60    | 43      | 650   |
| 640   | 7                     | 45     | 54     | 29       | 5      | 34      | 52                  | 51     | 52            | 31      | 58    | 41      | 640   |
| 630   | 6                     | 43     | 52     | 26       | 4      | 31      | 50                  | 49     | 51            | 29      | 55    | 38      | 630   |
| 620   | 5                     | 39     | 49     | 24       | 4      | 28      | 47                  | 46     | 46            | 26      | 53    | 36      | 620   |
| 610   | 5                     | 36     | 48     | 22       | 3      | 27      | 44                  | 44     | 44            | 24      | 49    | 33      | 610   |
| 600   | 4                     | 33     | 45     | 21       | 3      | 24      | 42                  | 43     | 43            | 23      | 47    | 31      | 600   |
| 590   | 4                     | 31     | 43     | 19       | 2      | 23      | 39                  | 40     | 40            | 22      | 44    | 29      | 590   |
| 580   | 3                     | 29     | 40     | 17       | 2      | 21      | 37                  | 39     | 36            | 20      | 40    | 27      | 580   |
| 570   | 3                     | 26     | 37     | 16       | 2      | 19      | 34                  | 37     | 35            | 19      | 38    | 25      | 570   |
| 560   | 3                     | 24     | 35     | 15       | 1      | 17      | 32                  | 35     | 33            | 17      | 35    | 23      | 560   |
| 550   | 2                     | 22     | 31     | 13       | 1      | 16      | 30                  | 34     | 32            | 17      | 30    | 21      | 550   |
| 540   | 2                     | 20     | 29     | 12       | 1      | 15      | 27                  | 31     | 29            | 16      | 28    | 19      | 540   |
| 530   | 2                     | 18     | 26     | 11       | 1      | 13      | 25                  | 30     | 27            | 14      | 24    | 17      | 530   |
| 520   | 1                     | 16     | 24     | 10       | 1      | 12      | 22                  | 27     | 25            | 14      | 22    | 16      | 520   |
| 510   | 1                     | 14     | 21     | 8        | 1      | 11      | 20                  | 24     | 23            | 13      | 20    | 14      | 510   |
| 500   | 1                     | 13     | 19     | 8        | 1-     | 9       | 18                  | 20     | 22            | 13      | 17    | 13      | 500   |
| 490   | 1                     | 10     | 17     | 7        | 1-     | 8       | 16                  | 18     | 20            | 11      | 14    | 11      | 490   |
| 480   | 1-                    | 9      | 15     | 6        | 1-     | 7       | 15                  | 16     | 17            | 11      | 11    | 10      | 480   |
| 470   | 1-                    | 8      | 14     | 5        | 1-     | 6       | 13                  | 14     | 16            | 10      | 9     | 9       | 470   |
| 460   | 1-                    | 7      | 11     | 5        | 1-     | 5       | 11                  | 12     | 14            | 9       | 7     | 8       | 460   |

# SAT<sup>®</sup> Subject Tests<sup>™</sup> Percentile Ranks

2011 College-Bound Seniors



| Score       | Languages — Listening |        |        |          |        |         | Languages — Reading |        |               |         |       |         | Score       |
|-------------|-----------------------|--------|--------|----------|--------|---------|---------------------|--------|---------------|---------|-------|---------|-------------|
|             | Chinese               | French | German | Japanese | Korean | Spanish | French              | German | Modern Hebrew | Italian | Latin | Spanish |             |
| 450         | 1-                    | 6      | 9      | 4        | 1-     | 4       | 9                   | 11     | 13            | 8       | 5     | 7       | 450         |
| 440         | 1-                    | 5      | 9      | 3        | 1-     | 4       | 8                   | 9      | 11            | 8       | 4     | 6       | 440         |
| 430         | 1-                    | 5      | 8      | 3        | 1-     | 3       | 7                   | 8      | 9             | 7       | 2     | 5       | 430         |
| 420         | 1-                    | 4      | 7      | 3        | 1-     | 2       | 5                   | 7      | 8             | 6       | 2     | 4       | 420         |
| 410         | 1-                    | 3      | 6      | 2        | 1-     | 2       | 4                   | 6      | 7             | 5       | 1     | 3       | 410         |
| 400         | 1-                    | 2      | 4      | 2        | 1-     | 2       | 3                   | 5      | 6             | 4       | 1-    | 3       | 400         |
| 390         | 1-                    | 1      | 3      | 2        | 1-     | 2       | 2                   | 4      | 5             | 4       | 1-    | 2       | 390         |
| 380         | —                     | 1-     | 3      | 1        | 1-     | 1       | 1                   | 2      | 4             | 3       | 1-    | 2       | 380         |
| 370         | —                     | 1-     | 2      | 1        | —      | 1       | 1                   | 2      | 4             | 3       | 1-    | 1       | 370         |
| 360         | —                     | 1-     | 2      | 1        | —      | 1-      | 1-                  | 2      | 4             | 2       | 1-    | 1       | 360         |
| 350         | —                     | 1-     | 2      | 1        | —      | 1-      | 1-                  | 1      | 3             | 2       | —     | 1       | 350         |
| 340         | —                     | 1-     | 1      | 1        | —      | 1-      | 1-                  | 1      | 3             | 1       | —     | 1       | 340         |
| 330         | —                     | 1-     | 1      | 1        | —      | 1-      | —                   | 1      | 2             | 1       | —     | 1-      | 330         |
| 320         | —                     | 1-     | 1      | 1        | —      | 1-      | —                   | 1      | 2             | 1       | —     | 1-      | 320         |
| 310         | —                     | —      | 1-     | 1        | —      | 1-      | —                   | 1-     | 1             | 1       | —     | 1-      | 310         |
| 300         | —                     | —      | 1-     | 1        | —      | 1-      | —                   | 1-     | 1             | 1       | —     | 1-      | 300         |
| 290         | —                     | —      | 1-     | 1-       | —      | 1-      | —                   | 1-     | 1             | 1-      | —     | 1-      | 290         |
| 280         | —                     | —      | 1-     | 1-       | —      | —       | —                   | 1-     | 1-            | 1-      | —     | 1-      | 280         |
| 270         | —                     | —      | —      | 1-       | —      | —       | —                   | 1-     | 1-            | 1-      | —     | 1-      | 270         |
| 260         | —                     | —      | —      | 1-       | —      | —       | —                   | 1-     | 1-            | 1-      | —     | 1-      | 260         |
| 250         | —                     | —      | —      | 1-       | —      | —       | —                   | 1-     | —             | —       | —     | 1-      | 250         |
| 240         | —                     | —      | —      | 1-       | —      | —       | —                   | 1-     | —             | —       | —     | 1-      | 240         |
| 230         | —                     | —      | —      | 1-       | —      | —       | —                   | —      | —             | —       | —     | 1-      | 230         |
| 220         | —                     | —      | —      | 1-       | —      | —       | —                   | —      | —             | —       | —     | —       | 220         |
| 210         | —                     | —      | —      | 1-       | —      | —       | —                   | —      | —             | —       | —     | —       | 210         |
| 200         | —                     | —      | —      | —        | —      | —       | —                   | —      | —             | —       | —     | —       | 200         |
| <b>N.</b>   | 7,294                 | 2,370  | 770    | 1,966    | 4,273  | 6,399   | 10,391              | 777    | 491           | 737     | 3,010 | 37,762  | <b>N.</b>   |
| <b>Mean</b> | 758                   | 646    | 611    | 684      | 767    | 663     | 622                 | 622    | 623           | 666     | 611   | 647     | <b>Mean</b> |
| <b>S.D.</b> | 67                    | 117    | 122    | 113      | 57     | 107     | 123                 | 135    | 140           | 122     | 107   | 117     | <b>S.D.</b> |
| <b>SEM</b>  | 20                    | 30     | 30     | 30       | 20     | 30      | 30                  | 30     | 30            | 30      | 30    | 30      | <b>SEM</b>  |
| <b>SED</b>  | 30                    | 40     | 40     | 40       | 30     | 40      | 40                  | 40     | 40            | 40      | 40    | 40      | <b>SED</b>  |