

**ACT HIGH SCHOOL PROFILE REPORT  
H S GRADUATING CLASS 2005**

**STATE COMPOSITE FOR  
ARIZONA**

**CODE 030-000**



THE 2005 ACT HIGH SCHOOL PROFILE REPORT REFLECTS THE CHARACTERISTICS OF STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. THE MOST RECENT TEST RECORD IS USED FOR STUDENTS TESTING MORE THAN ONCE. BEGINNING IN 2002, A REFINED METHODOLOGY FOR IDENTIFYING A STUDENT'S MOST RECENT TEST RECORD WAS USED (SEE APPENDIX FOR A DESCRIPTION).

CHANGES IN AVERAGE ACT ASSESSMENT SCORES REFLECT REAL DIFFERENCES IN STUDENT PREPARATION AND PERFORMANCE AS WELL AS INCREASES IN THE PERCENTAGE OF TESTED GRADUATES IN EACH STATE, INCLUDING STATES REQUIRING STUDENTS TO TAKE THE ACT ASSESSMENT.

EXECUTIVE SUMMARY

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THE TABLE BELOW COMPARES AVERAGE ACT SCORES FOR STUDENTS WHO REPORTED THEY COMPLETED OR PLANNED TO COMPLETE THE RECOMMENDED CORE COLLEGE PREPARATORY CURRICULUM WITH THOSE WHO HAD NOT. PLEASE NOTE THAT STATE DEPARTMENTS OF EDUCATION MAY HAVE A DIFFERENT DEFINITION OF THE COLLEGE PREPARATORY COURSES AND MAY, THEREFORE, PUBLISH REPORTS SHOWING SLIGHTLY DIFFERENT DATA. SEE APPENDIX FOR DEFINITION OF CORE.

EXECUTIVE SUMMARY - AVERAGE ACT SCORES BY LEVEL OF ACADEMIC PREPARATION

|         | NUMBER<br>CORE/LESS | PERCENT<br>CORE/LESS | ENGLISH<br>CORE/LESS | MATH<br>CORE/LESS | READING<br>CORE/LESS | SCIENCE<br>CORE/LESS | COMPOSITE<br>CORE/LESS |
|---------|---------------------|----------------------|----------------------|-------------------|----------------------|----------------------|------------------------|
| 2000-01 | 7872                | 3321 67/ 28          | 21.3/19.3            | 22.2/19.9         | 22.4/20.5            | 21.9/20.1            | 22.1/20.1              |
| 2001-02 | 7129                | 3208 65/ 29          | 21.2/18.9            | 22.1/19.9         | 22.5/20.4            | 21.6/19.9            | 22.0/19.9              |
| 2002-03 | 7448                | 3533 63/ 30          | 21.3/19.3            | 22.1/20.0         | 22.5/20.6            | 21.7/20.1            | 22.0/20.1              |
| 2003-04 | 6997                | 3372 61/ 30          | 21.6/19.5            | 22.2/20.4         | 22.6/20.8            | 21.7/20.2            | 22.2/20.4              |
| 2004-05 | 6232                | 3127 60/ 30          | 21.5/19.8            | 22.3/20.6         | 22.5/20.9            | 21.7/20.4            | 22.1/20.5              |

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

|         | NUMBER | ENGLISH | MATH | READING | SCIENCE | COMPOSITE |
|---------|--------|---------|------|---------|---------|-----------|
| 2000-01 | 11730  | 20.7    | 21.5 | 21.9    | 21.3    | 21.5      |
| 2001-02 | 10956  | 20.5    | 21.4 | 21.8    | 21.1    | 21.3      |
| 2002-03 | 11903  | 20.6    | 21.4 | 21.8    | 21.2    | 21.4      |
| 2003-04 | 11378  | 20.9    | 21.6 | 22.0    | 21.2    | 21.5      |
| 2004-05 | 10470  | 20.9    | 21.7 | 21.9    | 21.2    | 21.5      |

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

|                               | ENGLISH | MATH | READING | SCIENCE | COMPOSITE |
|-------------------------------|---------|------|---------|---------|-----------|
| Q3 (75TH PERCENTILE)          | 24.9    | 25.3 | 26.3    | 23.9    | 24.9      |
| Q2 (50TH PERCENTILE - MEDIAN) | 20.7    | 21.2 | 21.6    | 20.9    | 21.3      |
| Q1 (25TH PERCENTILE)          | 16.8    | 17.5 | 17.3    | 18.4    | 18.0      |

QUARTILE VALUES ARE INTERPOLATED AND ARE BASED UPON CALCULATED STUDENT PERCENTILE RANKS WHICH MAY DIFFER FROM THE CUMULATIVE PERCENTAGES REPORTED IN TABLES 4 AND 5 OF THIS REPORT.



TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS

|                 | AFRI-AM/<br>BLACK<br>AVERAGE | AM IND,<br>ALSK NTV<br>AVERAGE | CAUC-AM/<br>WHITE<br>AVERAGE | MEX-AM/<br>CHICANO<br>AVERAGE | ASIAN-AM,<br>PAC ISLDR<br>AVERAGE | P RICAN,<br>HISPANIC<br>AVERAGE |
|-----------------|------------------------------|--------------------------------|------------------------------|-------------------------------|-----------------------------------|---------------------------------|
| CORE OR MORE    | (N= 238)                     | (N= 574)                       | (N= 3592)                    | (N= 796)                      | (N= 265)                          | (N= 156)                        |
| ENGLISH         | 18.6                         | 15.4                           | 23.1                         | 19.2                          | 22.8                              | 19.8                            |
| USAGE/MECH      | 9.0                          | 7.2                            | 11.8                         | 9.5                           | 11.7                              | 9.9                             |
| RHET SKILLS     | 9.7                          | 8.0                            | 11.9                         | 9.9                           | 11.5                              | 10.1                            |
| MATHEMATICS     | 19.3                         | 18.1                           | 23.4                         | 20.4                          | 24.3                              | 20.8                            |
| PRE/ELEM-ALG    | 10.2                         | 8.9                            | 12.6                         | 10.8                          | 12.8                              | 10.9                            |
| ALG/CRD-GEOM    | 9.9                          | 9.3                            | 11.8                         | 10.4                          | 12.3                              | 10.5                            |
| PLANE GEOM/TRIG | 9.4                          | 9.1                            | 11.7                         | 10.2                          | 12.3                              | 10.6                            |
| READING         | 19.7                         | 17.0                           | 23.9                         | 20.2                          | 22.9                              | 21.0                            |
| SOC STU/SCI     | 9.9                          | 8.6                            | 12.1                         | 10.2                          | 11.5                              | 10.4                            |
| ARTS/LITERATURE | 10.1                         | 8.3                            | 12.4                         | 10.4                          | 11.8                              | 11.0                            |
| SCIENCE         | 19.2                         | 17.9                           | 22.7                         | 20.0                          | 22.8                              | 20.4                            |
| COMPOSITE       | 19.3                         | 17.2                           | 23.4                         | 20.1                          | 23.3                              | 20.6                            |
| LESS THAN CORE  | (N= 134)                     | (N= 380)                       | (N= 1655)                    | (N= 460)                      | (N= 91)                           | (N= 79)                         |
| ENGLISH         | 16.8                         | 13.7                           | 21.7                         | 17.8                          | 21.5                              | 18.5                            |
| USAGE/MECH      | 8.0                          | 6.3                            | 10.9                         | 8.5                           | 10.9                              | 8.9                             |
| RHET SKILLS     | 8.7                          | 7.0                            | 11.2                         | 9.2                           | 11.1                              | 9.6                             |
| MATHEMATICS     | 17.7                         | 16.6                           | 21.9                         | 19.1                          | 23.1                              | 19.0                            |
| PRE/ELEM-ALG    | 8.8                          | 7.9                            | 11.7                         | 9.9                           | 12.3                              | 10.1                            |
| ALG/CRD-GEOM    | 9.0                          | 8.3                            | 11.1                         | 9.7                           | 11.7                              | 9.6                             |
| PLANE GEOM/TRIG | 8.7                          | 8.4                            | 10.9                         | 9.4                           | 11.5                              | 9.3                             |
| READING         | 17.8                         | 15.8                           | 22.6                         | 19.1                          | 22.2                              | 19.2                            |
| SOC STU/SCI     | 8.9                          | 7.9                            | 11.4                         | 9.6                           | 11.1                              | 9.9                             |
| ARTS/LITERATURE | 8.9                          | 7.6                            | 11.7                         | 9.7                           | 11.5                              | 9.4                             |
| SCIENCE         | 17.8                         | 16.9                           | 21.6                         | 19.0                          | 21.5                              | 18.9                            |
| COMPOSITE       | 17.7                         | 15.9                           | 22.1                         | 18.9                          | 22.2                              | 19.0                            |
| NO RESPONSE     | (N= 36)                      | (N= 69)                        | (N= 606)                     | (N= 98)                       | (N= 36)                           | (N= 12)                         |

TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS (CONT.)

|                 | AFRI-AM/<br>BLACK<br>AVERAGE | AM IND,<br>ALSK NTV<br>AVERAGE | CAUC-AM/<br>WHITE<br>AVERAGE | MEX-AM/<br>CHICANO<br>AVERAGE | ASIAN-AM,<br>PAC ISLDR<br>AVERAGE | P RICAN,<br>HISPANIC<br>AVERAGE |
|-----------------|------------------------------|--------------------------------|------------------------------|-------------------------------|-----------------------------------|---------------------------------|
| TOTAL GROUP     | (N= 408)                     | (N= 1023)                      | (N= 5853)                    | (N= 1354)                     | (N= 392)                          | (N= 247)                        |
| ENGLISH         | 18.1                         | 14.7                           | 22.5                         | 18.7                          | 22.3                              | 19.5                            |
| USAGE/MECH      | 8.7                          | 6.8                            | 11.5                         | 9.2                           | 11.4                              | 9.6                             |
| RHET SKILLS     | 9.4                          | 7.6                            | 11.6                         | 9.6                           | 11.3                              | 10.0                            |
| MATHEMATICS     | 18.8                         | 17.5                           | 22.8                         | 19.9                          | 23.9                              | 20.3                            |
| PRE/ELEM-ALG    | 9.7                          | 8.5                            | 12.3                         | 10.4                          | 12.6                              | 10.7                            |
| ALG/CRD-GEOM    | 9.6                          | 8.9                            | 11.6                         | 10.1                          | 12.1                              | 10.3                            |
| PLANE GEOM/TRIG | 9.2                          | 8.8                            | 11.4                         | 9.9                           | 12.0                              | 10.2                            |
| READING         | 19.1                         | 16.5                           | 23.4                         | 19.8                          | 22.6                              | 20.4                            |
| SOC STU/SCI     | 9.6                          | 8.3                            | 11.9                         | 10.0                          | 11.4                              | 10.3                            |
| ARTS/LITERATURE | 9.7                          | 8.1                            | 12.1                         | 10.1                          | 11.7                              | 10.5                            |
| SCIENCE         | 18.7                         | 17.5                           | 22.3                         | 19.6                          | 22.4                              | 20.0                            |
| COMPOSITE       | 18.8                         | 16.7                           | 22.9                         | 19.6                          | 22.9                              | 20.1                            |

TABLE 2 AVERAGE ACT COMPOSITE SCORES BY ABILITY LEVEL FOR RACIAL/ETHNIC GROUPS

|                      | AFRI-AM/<br>BLACK<br>NUMBER AVG | AM IND,<br>ALSK NTV<br>NUMBER AVG | CAUC-AM/<br>WHITE<br>NUMBER AVG | MEX-AM/<br>CHICANO<br>NUMBER AVG | ASIAN-AM,<br>PAC ISLDR<br>NUMBER AVG | P RICAN,<br>HISPANIC<br>NUMBER AVG |
|----------------------|---------------------------------|-----------------------------------|---------------------------------|----------------------------------|--------------------------------------|------------------------------------|
| HIGH SCHOOL AVERAGE  |                                 |                                   |                                 |                                  |                                      |                                    |
| 3.50 - 4.00          | 93 21.0                         | 244 19.1                          | 2653 24.7                       | 506 21.4                         | 179 25.0                             | 110 21.7                           |
| 3.00 - 3.49          | 116 18.6                        | 262 16.6                          | 1238 21.7                       | 348 18.8                         | 78 21.4                              | 65 19.2                            |
| 2.50 - 2.99          | 74 17.8                         | 208 15.9                          | 486 20.0                        | 188 18.0                         | 30 19.0                              | 26 17.8                            |
| 2.00 - 2.49          | 23 16.0                         | 102 15.0                          | 150 19.1                        | 55 17.2                          | 6 19.5                               | 12 17.2                            |
| 1.99 & BELOW         | 6 14.8                          | 37 13.6                           | 20 19.0                         | 5 15.4                           | 0 0.0                                | 0 0.0                              |
| CGPA PRED BY STUDENT |                                 |                                   |                                 |                                  |                                      |                                    |
| 3.5 - 4.0            | 108 20.7                        | 156 19.3                          | 2674 24.7                       | 475 21.5                         | 200 24.9                             | 112 21.4                           |
| 3.0 - 3.4            | 170 19.0                        | 368 17.3                          | 1947 21.4                       | 561 18.8                         | 124 20.7                             | 85 19.6                            |
| 2.5 - 2.9            | 69 17.2                         | 238 15.9                          | 444 19.8                        | 153 17.5                         | 22 18.3                              | 27 17.7                            |
| 2.0 - 2.4            | 19 14.6                         | 134 14.7                          | 106 18.7                        | 42 16.8                          | 3 16.7                               | 4 16.5                             |
| 1.9 & BELOW          | 2 18.5                          | 49 13.7                           | 11 20.2                         | 7 15.7                           | 0 0.0                                | 2 13.0                             |
| HIGH SCHOOL RANK     |                                 |                                   |                                 |                                  |                                      |                                    |
| TOP QUARTER          | 140 20.8                        | 343 18.4                          | 3069 24.4                       | 677 20.9                         | 207 24.6                             | 133 20.9                           |
| 2ND QUARTER          | 129 18.2                        | 324 16.3                          | 1309 21.1                       | 330 18.1                         | 76 20.3                              | 65 19.3                            |
| BOTTOM HALF          | 72 16.6                         | 256 14.8                          | 462 19.1                        | 159 17.4                         | 30 18.4                              | 19 17.8                            |



TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE

|   |        | SATISFIED<br>NO CHANGE<br>NECESSARY |     | PRETTY<br>MUCH<br>NEUTRAL |     | DISSATISFIED<br>IMPROVEMENT<br>NEEDED |     | NO<br>EXPER-<br>IENCE |     |
|---|--------|-------------------------------------|-----|---------------------------|-----|---------------------------------------|-----|-----------------------|-----|
|   |        | NUMBER                              | PCT | NUMBER                    | PCT | NUMBER                                | PCT | NUMBER                | PCT |
| CLASSROOM<br>INSTRUCTION                                | MALE   | 1801                                | 17  | 1125                      | 11  | 297                                   | 3   | 28                    | 0   |
|   | FEMALE | 2746                                | 26  | 1690                      | 16  | 549                                   | 5   | 52                    | 0   |
|   | TOTAL  | 4581                                | 44  | 2839                      | 27  | 858                                   | 8   | 82                    | 1   |
| NO. & VARIETY<br>OF COURSE<br>OFFERINGS                 | MALE   | 1527                                | 15  | 953                       | 9   | 712                                   | 7   | 56                    | 1   |
|   | FEMALE | 2417                                | 23  | 1235                      | 12  | 1304                                  | 12  | 81                    | 1   |
|   | TOTAL  | 3980                                | 38  | 2209                      | 21  | 2028                                  | 19  | 139                   | 1   |
| GRADING<br>PRACTICES &<br>POLICIES                      | MALE   | 1591                                | 15  | 1228                      | 12  | 385                                   | 4   | 41                    | 0   |
|   | FEMALE | 2577                                | 25  | 1759                      | 17  | 616                                   | 6   | 78                    | 1   |
|   | TOTAL  | 4203                                | 40  | 3017                      | 29  | 1005                                  | 10  | 120                   | 1   |
| NO. & KINDS<br>OF TESTS<br>GIVEN                        | MALE   | 1484                                | 14  | 1396                      | 13  | 325                                   | 3   | 33                    | 0   |
|   | FEMALE | 2321                                | 22  | 2075                      | 20  | 559                                   | 5   | 69                    | 1   |
|   | TOTAL  | 3835                                | 37  | 3501                      | 33  | 892                                   | 9   | 104                   | 1   |
| GUIDANCE SERV<br>PROVIDED BY<br>GUIDANCE OFFICE         | MALE   | 1569                                | 15  | 940                       | 9   | 602                                   | 6   | 130                   | 1   |
|   | FEMALE | 2423                                | 23  | 1312                      | 13  | 1062                                  | 10  | 228                   | 2   |
|   | TOTAL  | 4023                                | 38  | 2275                      | 22  | 1679                                  | 16  | 359                   | 3   |
| SCHOOL RULES,<br>REGULATIONS,<br>& POLICIES             | MALE   | 1252                                | 12  | 1156                      | 11  | 768                                   | 7   | 63                    | 1   |
|   | FEMALE | 1961                                | 19  | 1683                      | 16  | 1286                                  | 12  | 100                   | 1   |
|   | TOTAL  | 3244                                | 31  | 2863                      | 27  | 2069                                  | 20  | 163                   | 2   |
| LIBRARY OR<br>LEARNING<br>CENTER                        | MALE   | 1601                                | 15  | 1114                      | 11  | 438                                   | 4   | 88                    | 1   |
|   | FEMALE | 2632                                | 25  | 1525                      | 15  | 708                                   | 7   | 157                   | 1   |
|   | TOTAL  | 4275                                | 41  | 2661                      | 25  | 1150                                  | 11  | 247                   | 2   |
| LABORATORY<br>FACILITIES                                | MALE   | 1420                                | 14  | 1118                      | 11  | 554                                   | 5   | 134                   | 1   |
|   | FEMALE | 2220                                | 21  | 1675                      | 16  | 874                                   | 8   | 252                   | 2   |
|   | TOTAL  | 3670                                | 35  | 2814                      | 27  | 1446                                  | 14  | 387                   | 4   |
| PROVISIONS FOR<br>SPECIAL HELP IN<br>READING, MATH, ETC | MALE   | 1103                                | 11  | 1073                      | 10  | 347                                   | 3   | 712                   | 7   |
|   | FEMALE | 1843                                | 18  | 1439                      | 14  | 645                                   | 6   | 1086                  | 10  |
|   | TOTAL  | 2975                                | 28  | 2526                      | 24  | 1003                                  | 10  | 1810                  | 17  |
| PROVISIONS FOR<br>ACADEMICALLY<br>OUTSTANDING STU       | MALE   | 1749                                | 17  | 929                       | 9   | 347                                   | 3   | 212                   | 2   |
|   | FEMALE | 2938                                | 28  | 1183                      | 11  | 592                                   | 6   | 303                   | 3   |
|   | TOTAL  | 4729                                | 45  | 2129                      | 20  | 946                                   | 9   | 518                   | 5   |
| ADEQUACY OF PROG<br>IN CAREER EDUC<br>& PLANNING        | MALE   | 1223                                | 12  | 1176                      | 11  | 594                                   | 6   | 241                   | 2   |
|   | FEMALE | 1880                                | 18  | 1589                      | 15  | 1106                                  | 11  | 430                   | 4   |
|   | TOTAL  | 3132                                | 30  | 2785                      | 27  | 1718                                  | 16  | 674                   | 6   |

NUMBER OF STUDENTS - 10470

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 10470)

| STD SCORE | ACT ENGLISH |    | ACT MATHEMATICS |    | ACT READING |    | ACT SCIENCE |    | ACT COMPOSITE |    |
|-----------|-------------|----|-----------------|----|-------------|----|-------------|----|---------------|----|
|           | FREQ        | CP | FREQ            | CP | FREQ        | CP | FREQ        | CP | FREQ          | CP |
| 36        | 12          | 99 | 18              | 99 | 67          | 99 | 21          | 99 | 1             | 99 |
| 35        | 48          | 99 | 58              | 99 | 100         | 99 | 41          | 99 | 12            | 99 |
| 34        | 129         | 99 | 74              | 99 | 216         | 98 | 45          | 99 | 31            | 99 |
| 33        | 106         | 98 | 66              | 99 | 172         | 96 | 35          | 99 | 56            | 99 |
| 32        | 149         | 97 | 111             | 98 | 172         | 95 | 101         | 99 | 104           | 99 |
| 31        | 179         | 96 | 140             | 97 | 234         | 93 | 33          | 98 | 174           | 98 |
| 30        | 185         | 94 | 180             | 96 | 330         | 91 | 100         | 97 | 205           | 96 |
| 29        | 359         | 92 | 320             | 94 | 310         | 88 | 179         | 96 | 284           | 94 |
| 28        | 352         | 89 | 359             | 91 | 405         | 85 | 239         | 95 | 385           | 92 |
| 27        | 349         | 85 | 580             | 87 | 529         | 81 | 304         | 92 | 468           | 88 |
| 26        | 407         | 82 | 574             | 82 | 476         | 76 | 461         | 90 | 534           | 84 |
| 25        | 553         | 78 | 574             | 76 | 416         | 71 | 664         | 85 | 578           | 78 |
| 24        | 574         | 73 | 792             | 71 | 589         | 67 | 673         | 79 | 657           | 73 |
| 23        | 521         | 68 | 733             | 63 | 703         | 62 | 940         | 72 | 756           | 67 |
| 22        | 675         | 63 | 476             | 56 | 579         | 55 | 736         | 63 | 810           | 59 |
| 21        | 768         | 56 | 630             | 52 | 518         | 49 | 1114        | 56 | 805           | 52 |
| 20        | 810         | 49 | 659             | 46 | 811         | 44 | 1090        | 46 | 848           | 44 |
| 19        | 666         | 41 | 695             | 39 | 693         | 37 | 963         | 35 | 800           | 36 |
| 18        | 617         | 35 | 847             | 33 | 430         | 30 | 892         | 26 | 744           | 28 |
| 17        | 550         | 29 | 854             | 25 | 483         | 26 | 544         | 18 | 678           | 21 |
| 16        | 500         | 24 | 828             | 17 | 518         | 21 | 416         | 12 | 509           | 15 |
| 15        | 583         | 19 | 497             | 9  | 462         | 16 | 288         | 8  | 402           | 10 |
| 14        | 385         | 13 | 246             | 4  | 455         | 12 | 187         | 6  | 276           | 6  |
| 13        | 260         | 9  | 108             | 2  | 359         | 8  | 169         | 4  | 197           | 3  |
| 12        | 182         | 7  | 36              | 1  | 250         | 4  | 108         | 2  | 114           | 1  |
| 11        | 166         | 5  | 8               | 1  | 115         | 2  | 52          | 1  | 27            | 1  |
| 10        | 150         | 4  | 3               | 1  | 35          | 1  | 46          | 1  | 13            | 1  |
| 9         | 80          | 2  | 3               | 1  | 22          | 1  | 13          | 1  | 1             | 1  |
| 8         | 110         | 1  | 0               | 1  | 11          | 1  | 5           | 1  | 0             | 1  |
| 7         | 32          | 1  | 0               | 1  | 5           | 1  | 8           | 1  | 0             | 1  |
| 6         | 10          | 1  | 0               | 1  | 2           | 1  | 1           | 1  | 0             | 1  |
| 5         | 3           | 1  | 0               | 1  | 1           | 1  | 0           | 1  | 1             | 1  |
| 4         | 0           | 1  | 0               | 1  | 1           | 1  | 1           | 1  | 0             | 1  |
| 3         | 0           | 1  | 0               | 1  | 0           | 1  | 1           | 1  | 0             | 1  |
| 2         | 0           | 1  | 0               | 1  | 1           | 1  | 0           | 1  | 0             | 1  |
| 1         | 0           | 1  | 1               | 1  | 0           | 1  | 0           | 1  | 0             | 1  |

NUMBER AND PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES

|       |      |    |      |    |      |    |      |    |      |    |
|-------|------|----|------|----|------|----|------|----|------|----|
| 33-36 | 295  | 3  | 216  | 2  | 555  | 5  | 142  | 1  | 100  | 1  |
| 28-32 | 1224 | 12 | 1110 | 11 | 1451 | 14 | 652  | 6  | 1152 | 11 |
| 24-27 | 1883 | 18 | 2520 | 24 | 2010 | 19 | 2102 | 20 | 2237 | 21 |
| 20-23 | 2774 | 26 | 2498 | 24 | 2611 | 25 | 3880 | 37 | 3219 | 31 |
| 16-19 | 2333 | 22 | 3224 | 31 | 2124 | 20 | 2815 | 27 | 2731 | 26 |
| 13-15 | 1228 | 12 | 851  | 8  | 1276 | 12 | 644  | 6  | 875  | 8  |
| 01-12 | 733  | 7  | 51   | 0  | 443  | 4  | 235  | 2  | 156  | 1  |

AVG(SD) 20.9( 5.8) 21.7( 4.9) 21.9( 6.0) 21.2( 4.4) 21.5( 4.7)

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 5 ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 10470)

| STD SCORE | USAGE/MECH |      | RHET SKILLS |      | SOC STU/SCI |      | ARTS/LIT |      | STD SCORE |
|-----------|------------|------|-------------|------|-------------|------|----------|------|-----------|
|           | FREQ       | CP   | FREQ        | CP   | FREQ        | CP   | FREQ     | CP   |           |
| 18        | 304        | 99   | 70          | 99   | 185         | 99   | 431      | 99   | 18        |
| 17        | 467        | 97   | 139         | 99   | 588         | 98   | 557      | 96   | 17        |
| 16        | 396        | 93   | 514         | 98   | 589         | 93   | 791      | 91   | 16        |
| 15        | 596        | 89   | 559         | 93   | 656         | 87   | 774      | 83   | 15        |
| 14        | 627        | 83   | 864         | 88   | 684         | 81   | 472      | 76   | 14        |
| 13        | 650        | 77   | 841         | 80   | 907         | 74   | 838      | 71   | 13        |
| 12        | 892        | 71   | 1242        | 71   | 1056        | 66   | 1278     | 63   | 12        |
| 11        | 1061       | 62   | 1199        | 60   | 951         | 55   | 851      | 51   | 11        |
| 10        | 1118       | 52   | 1447        | 48   | 1155        | 46   | 879      | 43   | 10        |
| 9         | 990        | 42   | 1172        | 34   | 1083        | 35   | 847      | 34   | 9         |
| 8         | 1031       | 32   | 973         | 23   | 1138        | 25   | 785      | 26   | 8         |
| 7         | 837        | 22   | 586         | 14   | 640         | 14   | 743      | 19   | 7         |
| 6         | 596        | 14   | 400         | 8    | 355         | 8    | 498      | 12   | 6         |
| 5         | 409        | 9    | 266         | 4    | 236         | 5    | 510      | 7    | 5         |
| 4         | 295        | 5    | 137         | 2    | 130         | 2    | 144      | 2    | 4         |
| 3         | 131        | 2    | 51          | 1    | 78          | 1    | 54       | 1    | 3         |
| 2         | 62         | 1    | 10          | 1    | 25          | 1    | 16       | 1    | 2         |
| 1         | 8          | 1    | 0           | 1    | 14          | 1    | 2        | 1    | 1         |
| AVERAGE   |            | 10.5 |             | 10.8 |             | 11.1 |          | 11.3 |           |
| S.D.      |            | 3.7  |             | 3.0  |             | 3.4  |          | 3.8  |           |

| STD SCORE | PRE/ELEM ALG |      | ALG/CRD-GEOM |      | PLN GEOM/TRIG |      | STD SCORE |
|-----------|--------------|------|--------------|------|---------------|------|-----------|
|           | FREQ         | CP   | FREQ         | CP   | FREQ          | CP   |           |
| 18        | 315          | 99   | 103          | 99   | 71            | 99   | 18        |
| 17        | 437          | 97   | 130          | 99   | 88            | 99   | 17        |
| 16        | 694          | 93   | 260          | 98   | 340           | 98   | 16        |
| 15        | 644          | 86   | 433          | 95   | 544           | 95   | 15        |
| 14        | 1084         | 80   | 1014         | 91   | 898           | 90   | 14        |
| 13        | 1089         | 70   | 995          | 81   | 951           | 81   | 13        |
| 12        | 883          | 59   | 1630         | 72   | 1384          | 72   | 12        |
| 11        | 1035         | 51   | 1298         | 56   | 1193          | 59   | 11        |
| 10        | 961          | 41   | 1354         | 44   | 1861          | 48   | 10        |
| 9         | 808          | 32   | 1600         | 31   | 1092          | 30   | 9         |
| 8         | 1210         | 24   | 738          | 16   | 854           | 20   | 8         |
| 7         | 809          | 13   | 394          | 9    | 556           | 11   | 7         |
| 6         | 342          | 5    | 224          | 5    | 288           | 6    | 6         |
| 5         | 86           | 2    | 155          | 3    | 81            | 3    | 5         |
| 4         | 40           | 1    | 73           | 1    | 157           | 3    | 4         |
| 3         | 23           | 1    | 50           | 1    | 34            | 1    | 3         |
| 2         | 7            | 1    | 4            | 1    | 56            | 1    | 2         |
| 1         | 3            | 1    | 15           | 1    | 22            | 1    | 1         |
| AVERAGE   |              | 11.5 |              | 11.0 |               | 10.8 |           |
| S.D.      |              | 3.3  |              | 2.7  |               | 2.9  |           |

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 6 AVERAGE ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES

| GROUP       | NUMBER OF STUDENTS | ENGLISH |     | MATH    |     | READING |     | SCIENCE |     | COMPOSITE |     |
|-------------|--------------------|---------|-----|---------|-----|---------|-----|---------|-----|-----------|-----|
|             |                    | AVERAGE | SD  | AVERAGE | SD  | AVERAGE | SD  | AVERAGE | SD  | AVERAGE   | SD  |
| MALES       | 4221               | 20.5    | 5.9 | 22.5    | 5.2 | 21.7    | 6.1 | 21.8    | 4.7 | 21.7      | 4.9 |
| FEMALES     | 6137               | 21.2    | 5.8 | 21.1    | 4.7 | 22.1    | 5.9 | 20.8    | 4.1 | 21.4      | 4.6 |
| NO RESPONSE | 112                | 21.4    | 5.9 | 21.9    | 4.8 | 22.3    | 6.0 | 21.3    | 4.3 | 21.8      | 4.7 |

PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES BY GENDER

| SCORE RANGE | M  |    | F  |    | M  |    | F  |    | M  |    | F  |    |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|
|             |    |    |    |    |    |    |    |    |    |    |    |    |
| 33-36       | 3  | 3  | 3  | 1  | 5  | 5  | 2  | 1  | 2  | 1  | 2  | 1  |
| 28-32       | 11 | 12 | 14 | 8  | 14 | 14 | 8  | 5  | 12 | 10 | 12 | 10 |
| 24-27       | 17 | 19 | 26 | 23 | 18 | 20 | 24 | 17 | 22 | 21 | 22 | 21 |
| 20-23       | 26 | 27 | 23 | 25 | 24 | 26 | 35 | 38 | 29 | 32 | 29 | 32 |
| 16-19       | 22 | 22 | 26 | 34 | 21 | 20 | 23 | 30 | 25 | 27 | 25 | 27 |
| 13-15       | 13 | 11 | 7  | 9  | 13 | 11 | 5  | 7  | 8  | 8  | 8  | 8  |
| 01-12       | 8  | 6  | 0  | 0  | 5  | 4  | 2  | 2  | 2  | 1  | 2  | 1  |

TABLE 7 EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM

| EXPRESSED ADEQUACY | TOTAL  |     | AVG ACT COMP | BUS-COMM |     | VOC-OCC |     | COL PREP |     | OTHER-GEN |     |
|--------------------|--------|-----|--------------|----------|-----|---------|-----|----------|-----|-----------|-----|
|                    | NUMBER | PCT |              | NUMBER   | PCT | NUMBER  | PCT | NUMBER   | PCT | NUMBER    | PCT |
| EXCELLENT          | 2059   | 24  | 23.3         | 47       | 20  | 84      | 18  | 1508     | 28  | 420       | 16  |
| GOOD               | 3398   | 39  | 21.4         | 86       | 37  | 181     | 38  | 2039     | 38  | 1092      | 41  |
| AVERAGE            | 1834   | 21  | 20.2         | 50       | 22  | 122     | 26  | 944      | 18  | 718       | 27  |
| BELOW AVERAGE      | 450    | 5   | 19.5         | 17       | 7   | 39      | 8   | 206      | 4   | 188       | 7   |
| VERY INADEQUATE    | 391    | 4   | 20.7         | 13       | 6   | 28      | 6   | 247      | 5   | 103       | 4   |
| NO RESPONSE        | 560    | 6   | 22.2         | 17       | 7   | 21      | 4   | 372      | 7   | 150       | 6   |
| NO. OF STUDENTS    | 8692   |     |              | 230      |     | 475     |     | 5316     |     | 2671      |     |

TABLE 8 AVERAGE ACT SCORES AND STANDARD DEVIATIONS BY COURSE PATTERNS AND HIGH SCHOOL GPA RANGES

| GROUP            | NUMBER OF STUDENTS | ENGLISH |     | MATH |     | READING |     | SCIENCE |     | COMPOSITE |     |
|------------------|--------------------|---------|-----|------|-----|---------|-----|---------|-----|-----------|-----|
|                  |                    | AVG     | SD  | AVG  | SD  | AVG     | SD  | AVG     | SD  | AVG       | SD  |
| ALL GRADUATES    | 10470              | 20.9    | 5.8 | 21.7 | 4.9 | 21.9    | 6.0 | 21.2    | 4.4 | 21.5      | 4.7 |
| COLLEGE CORE     |                    |         |     |      |     |         |     |         |     |           |     |
| E4, M3, SS3, NS3 | 6232               | 21.5    | 5.7 | 22.3 | 4.9 | 22.5    | 5.9 | 21.7    | 4.3 | 22.1      | 4.7 |
| In between       | 1883               | 19.4    | 5.6 | 20.1 | 4.6 | 20.5    | 5.8 | 20.0    | 4.2 | 20.1      | 4.5 |
| E4, M2, SS2, NS2 | 1244               | 20.2    | 6.1 | 21.3 | 5.0 | 21.4    | 6.1 | 20.9    | 4.5 | 21.1      | 4.9 |
| No Response      | 1111               | 20.6    | 5.8 | 21.2 | 5.0 | 21.7    | 6.2 | 20.7    | 4.5 | 21.2      | 4.8 |
| HS GPA RANGES    |                    |         |     |      |     |         |     |         |     |           |     |
| 3.50 - 4.00      | 4225               | 23.5    | 5.4 | 24.0 | 4.7 | 24.3    | 5.7 | 22.9    | 4.2 | 23.8      | 4.4 |
| 3.00 - 3.49      | 2327               | 19.5    | 4.9 | 20.4 | 4.2 | 20.6    | 5.4 | 20.3    | 3.9 | 20.4      | 4.0 |
| 2.50 - 2.99      | 1106               | 17.6    | 5.1 | 18.6 | 3.8 | 18.7    | 5.3 | 18.9    | 3.9 | 18.6      | 3.9 |
| 2.00 - 2.49      | 383                | 16.0    | 4.8 | 17.6 | 3.4 | 17.5    | 4.9 | 17.9    | 3.9 | 17.4      | 3.6 |
| 1.99 & below     | 73                 | 13.3    | 5.2 | 16.4 | 3.0 | 15.4    | 4.4 | 16.3    | 4.4 | 15.5      | 3.7 |

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS  
(TOTAL)

| ENGLISH<br>COURSE PATTERN                    | NUMBER OF<br>STUDENTS | PCT | HS<br>ENGLISH | ACT<br>ENGLISH | ACT<br>COMP |
|--|-----------------------|-----|---------------|----------------|-------------|
| ENG 9, ENG 10, ENG 11, ENG 12, SPEECH        | 1320                  | 13  | 3.45          | 21.0           | 21.6        |
| ENG 9, ENG 10, ENG 11, ENG 12                | 7099                  | 68  | 3.44          | 20.9           | 21.6        |
| LESS THAN 4 YEARS OF ENGLISH                 | 904                   | 9   | 3.38          | 21.0           | 21.8        |
| NO ENGLISH COURSE/GRADE INFORMATION REPORTED | 1147                  | 11  | - . -         | 20.5           | 21.1        |
| MATHEMATICS<br>COURSE PATTERN                | NUMBER OF<br>STUDENTS | PCT | HS<br>MATH    | ACT<br>MATH    | ACT<br>COMP |
| ALG 1, ALG 2, GEOM, TRIG, CALC               | 906                   | 9   | 3.59          | 25.1           | 24.6        |
| ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH     | 853                   | 8   | 3.36          | 22.1           | 22.2        |
| ALG 1, ALG 2, GEOM, TRIG                     | 1176                  | 11  | 3.19          | 21.1           | 21.1        |
| ALG 1, ALG 2, GEOM, OTHER ADV MATH           | 1646                  | 16  | 3.14          | 20.3           | 20.6        |
| ALG 1, ALG 2, GEOM                           | 1118                  | 11  | 2.77          | 17.9           | 18.3        |
| OTHER COMBINATIONS OF 4 OR MORE YEARS MATH   | 2276                  | 22  | 3.50          | 23.9           | 23.4        |
| OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH    | 455                   | 4   | 3.42          | 22.5           | 22.3        |
| LESS THAN 3 YEARS OF MATH                    | 826                   | 8   | 2.82          | 19.8           | 19.7        |
| NO MATH COURSE/GRADE INFORMATION REPORTED    | 1214                  | 12  | - . -         | 21.2           | 21.2        |
| SOCIAL SCIENCE<br>COURSE PATTERN             | NUMBER OF<br>STUDENTS | PCT | HS<br>SOC SCI | ACT<br>READING | ACT<br>COMP |
| US HIST, WORLD HIST, AM GOVT, OTHER HIST     | 293                   | 3   | 3.56          | 22.7           | 22.0        |
| US HIST, WORLD HIST, AM GOVT                 | 977                   | 9   | 3.52          | 21.3           | 21.0        |
| OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI  | 3520                  | 34  | 3.60          | 22.6           | 22.0        |
| OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI   | 3255                  | 31  | 3.55          | 21.7           | 21.5        |
| LESS THAN 3 YEARS OF SOC SCI                 | 1196                  | 11  | 3.39          | 21.0           | 20.9        |
| NO SOC SCI COURSE/GRADE INFORMATION REPORTED | 1229                  | 12  | - . -         | 21.7           | 21.2        |
| NATURAL SCIENCE<br>COURSE PATTERN            | NUMBER OF<br>STUDENTS | PCT | HS<br>NAT SCI | ACT<br>SCIENCE | ACT<br>COMP |
| GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS     | 2438                  | 23  | 3.49          | 21.8           | 22.2        |
| BIOLOGY, CHEMISTRY, PHYSICS                  | 1750                  | 17  | 3.51          | 23.1           | 23.9        |
| GEN SCIENCE, BIOLOGY, CHEMISTRY              | 2696                  | 26  | 3.34          | 20.3           | 20.4        |
| OTHER COMBINATIONS OF 3 YEARS NAT SCI        | 382                   | 4   | 3.35          | 21.2           | 21.1        |
| LESS THAN 3 YEARS OF NAT SCI                 | 1912                  | 18  | 3.26          | 20.2           | 20.4        |
| NO NAT SCI COURSE/GRADE INFORMATION REPORTED | 1292                  | 12  | - . -         | 20.9           | 21.3        |

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS  
FOR MALES

| ENGLISH<br>COURSE PATTERN                    | NUMBER OF<br>STUDENTS | PCT | HS<br>ENGLISH | ACT<br>ENGLISH | ACT<br>COMP |
|--|-----------------------|-----|---------------|----------------|-------------|
| ENG 9, ENG 10, ENG 11, ENG 12, SPEECH        | 559                   | 13  | 3.37          | 21.2           | 22.2        |
| ENG 9, ENG 10, ENG 11, ENG 12                | 2724                  | 65  | 3.32          | 20.5           | 21.8        |
| LESS THAN 4 YEARS OF ENGLISH                 | 385                   | 9   | 3.21          | 20.5           | 21.9        |
| NO ENGLISH COURSE/GRADE INFORMATION REPORTED | 553                   | 13  | - . -         | 19.9           | 21.0        |
| MATHEMATICS<br>COURSE PATTERN                | NUMBER OF<br>STUDENTS | PCT | HS<br>MATH    | ACT<br>MATH    | ACT<br>COMP |
| ALG 1, ALG 2, GEOM, TRIG, CALC               | 374                   | 9   | 3.51          | 25.9           | 24.8        |
| ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH     | 272                   | 6   | 3.30          | 22.8           | 22.3        |
| ALG 1, ALG 2, GEOM, TRIG                     | 429                   | 10  | 3.17          | 21.8           | 21.0        |
| ALG 1, ALG 2, GEOM, OTHER ADV MATH           | 555                   | 13  | 3.08          | 21.0           | 20.6        |
| ALG 1, ALG 2, GEOM                           | 428                   | 10  | 2.74          | 18.2           | 18.1        |
| OTHER COMBINATIONS OF 4 OR MORE YEARS MATH   | 1030                  | 24  | 3.47          | 24.9           | 23.8        |
| OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH    | 208                   | 5   | 3.34          | 23.0           | 22.3        |
| LESS THAN 3 YEARS OF MATH                    | 340                   | 8   | 2.79          | 20.4           | 19.7        |
| NO MATH COURSE/GRADE INFORMATION REPORTED    | 585                   | 14  | - . -         | 21.6           | 21.1        |
| SOCIAL SCIENCE<br>COURSE PATTERN             | NUMBER OF<br>STUDENTS | PCT | HS<br>SOC SCI | ACT<br>READING | ACT<br>COMP |
| US HIST, WORLD HIST, AM GOVT, OTHER HIST     | 118                   | 3   | 3.46          | 22.3           | 22.1        |
| US HIST, WORLD HIST, AM GOVT                 | 396                   | 9   | 3.45          | 21.2           | 21.2        |
| OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI  | 1275                  | 30  | 3.54          | 22.3           | 22.3        |
| OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI   | 1315                  | 31  | 3.49          | 21.7           | 21.8        |
| LESS THAN 3 YEARS OF SOC SCI                 | 524                   | 12  | 3.31          | 20.9           | 21.2        |
| NO SOC SCI COURSE/GRADE INFORMATION REPORTED | 593                   | 14  | - . -         | 21.2           | 21.1        |
| NATURAL SCIENCE<br>COURSE PATTERN            | NUMBER OF<br>STUDENTS | PCT | HS<br>NAT SCI | ACT<br>SCIENCE | ACT<br>COMP |
| GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS     | 1089                  | 26  | 3.47          | 22.7           | 22.9        |
| BIOLOGY, CHEMISTRY, PHYSICS                  | 693                   | 16  | 3.44          | 24.0           | 24.2        |
| GEN SCIENCE, BIOLOGY, CHEMISTRY              | 918                   | 22  | 3.24          | 20.6           | 20.2        |
| OTHER COMBINATIONS OF 3 YEARS NAT SCI        | 202                   | 5   | 3.36          | 22.1           | 21.7        |
| LESS THAN 3 YEARS OF NAT SCI                 | 684                   | 16  | 3.12          | 20.2           | 19.9        |
| NO NAT SCI COURSE/GRADE INFORMATION REPORTED | 635                   | 15  | - . -         | 21.2           | 21.3        |

STATE COMPOSITE FOR  
ARIZONATABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS  
FOR FEMALES

| ENGLISH<br>COURSE PATTERN                    | NUMBER OF<br>STUDENTS | PCT | HS<br>ENGLISH | ACT<br>ENGLISH | ACT<br>COMP |
|--|-----------------------|-----|---------------|----------------|-------------|
| ENG 9, ENG 10, ENG 11, ENG 12, SPEECH        | 751                   | 12  | 3.51          | 20.9           | 21.2        |
| ENG 9, ENG 10, ENG 11, ENG 12                | 4306                  | 70  | 3.52          | 21.2           | 21.5        |
| LESS THAN 4 YEARS OF ENGLISH                 | 506                   | 8   | 3.52          | 21.3           | 21.7        |
| NO ENGLISH COURSE/GRADE INFORMATION REPORTED | 574                   | 9   | - . -         | 21.2           | 21.2        |
| MATHEMATICS<br>COURSE PATTERN                | NUMBER OF<br>STUDENTS | PCT | HS<br>MATH    | ACT<br>MATH    | ACT<br>COMP |
| ALG 1, ALG 2, GEOM, TRIG, CALC               | 526                   | 9   | 3.64          | 24.5           | 24.4        |
| ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH     | 572                   | 9   | 3.38          | 21.8           | 22.2        |
| ALG 1, ALG 2, GEOM, TRIG                     | 733                   | 12  | 3.21          | 20.8           | 21.1        |
| ALG 1, ALG 2, GEOM, OTHER ADV MATH           | 1073                  | 17  | 3.18          | 19.9           | 20.6        |
| ALG 1, ALG 2, GEOM                           | 683                   | 11  | 2.80          | 17.8           | 18.4        |
| OTHER COMBINATIONS OF 4 OR MORE YEARS MATH   | 1226                  | 20  | 3.51          | 23.1           | 23.0        |
| OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH    | 241                   | 4   | 3.47          | 22.0           | 22.2        |
| LESS THAN 3 YEARS OF MATH                    | 477                   | 8   | 2.84          | 19.4           | 19.7        |
| NO MATH COURSE/GRADE INFORMATION REPORTED    | 606                   | 10  | - . -         | 20.9           | 21.3        |
| SOCIAL SCIENCE<br>COURSE PATTERN             | NUMBER OF<br>STUDENTS | PCT | HS<br>SOC SCI | ACT<br>READING | ACT<br>COMP |
| US HIST, WORLD HIST, AM GOVT, OTHER HIST     | 174                   | 3   | 3.62          | 23.0           | 21.9        |
| US HIST, WORLD HIST, AM GOVT                 | 569                   | 9   | 3.56          | 21.4           | 20.9        |
| OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI  | 2214                  | 36  | 3.63          | 22.7           | 21.9        |
| OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI   | 1910                  | 31  | 3.59          | 21.7           | 21.2        |
| LESS THAN 3 YEARS OF SOC SCI                 | 655                   | 11  | 3.46          | 21.1           | 20.6        |
| NO SOC SCI COURSE/GRADE INFORMATION REPORTED | 615                   | 10  | - . -         | 22.2           | 21.3        |
| NATURAL SCIENCE<br>COURSE PATTERN            | NUMBER OF<br>STUDENTS | PCT | HS<br>NAT SCI | ACT<br>SCIENCE | ACT<br>COMP |
| GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS     | 1325                  | 22  | 3.51          | 21.1           | 21.7        |
| BIOLOGY, CHEMISTRY, PHYSICS                  | 1047                  | 17  | 3.55          | 22.5           | 23.6        |
| GEN SCIENCE, BIOLOGY, CHEMISTRY              | 1746                  | 28  | 3.38          | 20.1           | 20.5        |
| OTHER COMBINATIONS OF 3 YEARS NAT SCI        | 176                   | 3   | 3.35          | 20.1           | 20.4        |
| LESS THAN 3 YEARS OF NAT SCI                 | 1211                  | 20  | 3.33          | 20.2           | 20.7        |
| NO NAT SCI COURSE/GRADE INFORMATION REPORTED | 632                   | 10  | - . -         | 20.5           | 21.4        |

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

|                          | ---PLANNED EDUC MAJOR--- |              |                                 |    | MALE                     |         | FEMALE                   |         | TOTAL                    |         |
|--------------------------|--------------------------|--------------|---------------------------------|----|--------------------------|---------|--------------------------|---------|--------------------------|---------|
|                          | NUMBER OF STUDENTS       | AVG ACT COMP | CERTAINTY VERY FAIRLY (PERCENT) |    | EDUC 1ST MAJOR (PERCENT) | 1ST VOC | EDUC 1ST MAJOR (PERCENT) | 1ST VOC | EDUC 1ST MAJOR (PERCENT) | 1ST VOC |
| AGRICULTURE SCIENCE/TECH | 87                       | 18.8         | 44                              | 39 | 1                        | 1       | 1                        | 1       | 1                        | 1       |
| ARCH & ENVIR DESIGN      | 214                      | 20.6         | 41                              | 45 | 4                        | 4       | 2                        | 2       | 3                        | 3       |
| BUSINESS & MGMT          | 850                      | 20.9         | 34                              | 50 | 13                       | 11      | 9                        | 9       | 11                       | 10      |
| BUSINESS & OFFICE        | 50                       | 20.0         | 26                              | 66 | 1                        | 1       | 1                        | 1       | 1                        | 1       |
| MARKETING & DISTRIBUTION | 74                       | 20.3         | 27                              | 58 | 1                        | 1       | 1                        | 1       | 1                        | 1       |
| COMMUNICATION & COMM TEC | 248                      | 21.6         | 39                              | 48 | 2                        | 2       | 4                        | 4       | 3                        | 3       |
| COMMUNITY & PRSNL SVCS   | 177                      | 19.0         | 48                              | 42 | 2                        | 2       | 2                        | 3       | 2                        | 3       |
| COMPUTER & INFO SCI      | 215                      | 21.8         | 43                              | 47 | 5                        | 6       | 1                        | 1       | 3                        | 3       |
| CROSS-DISC STUDIES       | 10                       | 20.1         | 30                              | 60 | 0                        | 0       | 0                        | 0       | 0                        | 0       |
| EDUCATION                | 314                      | 21.6         | 45                              | 46 | 1                        | 2       | 6                        | 6       | 4                        | 5       |
| TEACHER EDUCATION        | 178                      | 20.7         | 47                              | 46 | 2                        | 2       | 3                        | 3       | 2                        | 3       |
| ENGINEERING              | 406                      | 22.5         | 35                              | 50 | 10                       | 9       | 2                        | 2       | 5                        | 5       |
| ENGINEERING-RELATED TECH | 311                      | 22.4         | 35                              | 53 | 8                        | 9       | 1                        | 1       | 4                        | 4       |
| FOREIGN LANGUAGES        | 44                       | 23.0         | 41                              | 43 | 0                        | 0       | 1                        | 1       | 1                        | 0       |
| HEALTH SCI & ALLIED HLTH | 1745                     | 20.9         | 53                              | 40 | 14                       | 14      | 27                       | 29      | 22                       | 23      |
| HUMAN, FAMILY/CONS SCI   | 54                       | 18.9         | 39                              | 52 | 0                        | 0       | 1                        | 1       | 1                        | 1       |
| LETTERS                  | 59                       | 25.0         | 39                              | 37 | 0                        | 0       | 1                        | 1       | 1                        | 1       |
| MATHEMATICS              | 47                       | 24.0         | 28                              | 49 | 1                        | 1       | 0                        | 0       | 1                        | 0       |
| PHILOS, RELIG & THEOL    | 51                       | 22.9         | 22                              | 59 | 1                        | 1       | 0                        | 0       | 1                        | 0       |
| SCI (BIOL & PHYSICAL)    | 511                      | 23.5         | 42                              | 47 | 7                        | 6       | 6                        | 5       | 6                        | 5       |
| SOCIAL SCIENCES          | 670                      | 22.5         | 40                              | 48 | 6                        | 6       | 10                       | 10      | 8                        | 8       |
| TRADE & INDUSTRIAL       | 77                       | 18.7         | 49                              | 40 | 2                        | 3       | 0                        | 0       | 1                        | 1       |
| VISUAL & PERFORM ARTS    | 463                      | 21.3         | 51                              | 40 | 5                        | 6       | 7                        | 7       | 6                        | 7       |
| UNDECIDED                | 1052                     | 21.7         | 9                               | 15 | 13                       | 12      | 13                       | 11      | 13                       | 12      |
| NO RESPONSE              | 2563                     |              |                                 |    |                          |         |                          |         |                          |         |

NUMBER OF STUDENTS - 10470



TABLE 11 SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS

|                          | NUMBER OF STUDENTS | AVERAGE ACT COMP | PCT |                          | NUMBER OF STUDENTS | AVERAGE ACT COMP | PCT |
|--------------------------|--------------------|------------------|-----|--------------------------|--------------------|------------------|-----|
| HS CURRICULUM OR PROG    |                    |                  |     | RACIAL/ETHNIC BACKGROUND |                    |                  |     |
| BUS COMM/VOC-OCCUP       | 705                | 18.9             | 7   | AFRICAN-AMER/BLACK       | 408                | 18.8             | 4   |
| COLL PREP                | 5316               | 22.8             | 51  | AM INDIAN,ALASKAN NTV    | 1023               | 16.7             | 10  |
| OTHER/GENERAL/NO RESP    | 4449               | 20.5             | 42  | CAUCASIAN-AMER/WHITE     | 5853               | 22.9             | 56  |
| REQUEST ASSISTANCE WITH  |                    |                  |     | MEXICAN-AMER/CHICANO     | 1354               | 19.6             | 13  |
| ED/OCCUP PLANS           | 4025               | 21.3             | 38  | ASIAN-AMER,PACIFIC ISL   | 392                | 22.9             | 4   |
| EXPR IDEAS IN WRITING    | 2075               | 19.8             | 20  | PUERTO RICAN,HISPANIC    | 247                | 20.1             | 2   |
| READING/COMPREHENSION    | 2292               | 19.2             | 22  | OTHER                    | 181                | 20.7             | 2   |
| STUDY SKILLS             | 3389               | 19.9             | 32  | MULTIRACIAL              | 287                | 21.4             | 3   |
| MATH SKILLS              | 3398               | 19.3             | 32  | PREFER NOT TO RESPOND    | 266                | 23.0             | 3   |
| PERSONAL CONCERNS        | 938                | 19.3             | 9   | NO RESPONSE              | 459                | 22.6             | 4   |
| EXPRESSED FIN NEED       |                    |                  |     | ESTIMATED FAMILY INCOME  |                    |                  |     |
| NEED FINANCIAL AID       | 7697               | 21.4             | 74  | LESS THAN \$18,000       | 801                | 18.6             | 8   |
| NEED TO FIND WORK        | 6716               | 21.1             | 64  | ABOUT \$18,000-\$24,000  | 580                | 19.1             | 6   |
| SPECIAL COLLEGE PROG     |                    |                  |     | ABOUT \$24,000-\$30,000  | 541                | 19.9             | 5   |
| INDEP STUDY              | 4002               | 22.0             | 38  | ABOUT \$30,000-\$36,000  | 529                | 20.4             | 5   |
| HONORS COURSES           | 4060               | 23.3             | 39  | ABOUT \$36,000-\$42,000  | 556                | 20.6             | 5   |
| ADV PLACEMENT IN COLL    |                    |                  |     | ABOUT \$42,000-\$50,000  | 661                | 21.5             | 6   |
| ENGLISH                  | 3581               | 23.1             | 34  | ABOUT \$50,000-\$60,000  | 755                | 21.7             | 7   |
| MATH                     | 3154               | 23.3             | 30  | ABOUT \$60,000-\$80,000  | 1196               | 22.2             | 11  |
| SOCIAL STUDIES           | 2982               | 23.2             | 28  | ABOUT \$80,000-\$100,000 | 915                | 22.6             | 9   |
| NATURAL SCIENCE          | 2529               | 23.1             | 24  | MORE THAN \$100,000      | 1286               | 23.5             | 12  |
| FOREIGN LANG             | 2427               | 22.2             | 23  | NO RESPONSE              | 2650               | 22.1             | 25  |
| MAX YEARLY COLL TUITION  |                    |                  |     | HS CLASS RANK            |                    |                  |     |
| \$1000 & UNDER           | 341                | 17.2             | 3   | TOP QTR                  | 5067               | 23.2             | 48  |
| \$1001 - \$2000          | 345                | 18.4             | 3   | 2ND QTR                  | 2453               | 19.7             | 23  |
| \$2001 - \$4000          | 1027               | 20.2             | 10  | 3RD QTR                  | 959                | 17.8             | 9   |
| \$4001 - \$7500          | 1256               | 21.0             | 12  | 4TH QTR                  | 123                | 16.0             | 1   |
| \$7501 & OVER            | 464                | 21.5             | 4   | NO RESPONSE              | 1868               | 21.6             | 18  |
| NO PREFERENCE            | 4990               | 22.3             | 48  | EDUC DEG ASPIRATION      |                    |                  |     |
| NO RESPONSE              | 2047               | 22.1             | 20  | VOC-TECH                 | 68                 | 16.8             | 1   |
| MOST RECENTLY TESTED     |                    |                  |     | 2YR COL DEGREE           | 222                | 16.2             | 2   |
| SOPHOMORE                | 84                 | 20.2             | 1   | BACHELORS DEGREE         | 3097               | 20.6             | 30  |
| JUNIOR                   | 3938               | 22.6             | 38  | GRAD STUDY               | 2127               | 22.8             | 20  |
| SENIOR                   | 6104               | 20.8             | 58  | PROF LEVEL DEGREE        | 3464               | 22.3             | 33  |
| OTHER/NO RESPONSE        | 344                | 23.1             | 3   | OTHER                    | 233                | 19.0             | 2   |
| COLLEGE CORE PREPARATION |                    |                  |     | NO RESPONSE              | 1259               | 21.5             | 12  |
| CORE OR MORE             | 6232               | 22.1             | 60  | NUMBER OF STUDENTS       |                    |                  |     |
| LESS THAN CORE           | 3127               | 20.5             | 30  | HOME SCHOOLED            | 49                 | 24.0             | 0   |
| NO RESPONSE              | 1111               | 21.2             | 11  | EARNED A GED             | 9                  | 19.4             | 0   |
|                          |                    |                  |     | ALL STUDENTS             | 10470              | 21.5             | 100 |

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

| INSTITUTION<br>CODE NAME  | ST | TOTAL<br>NUMBER | 1ST<br>CHOICE<br>NUMBER | 2ND-6TH<br>CHOICES<br>NUMBER | STANDARD FOR TRANSITION RANGES |                  |                  |                  |                  |                  |                  |  |
|---------------------------|----|-----------------|-------------------------|------------------------------|--------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|
|                           |    |                 |                         |                              | 01-<br>12<br>PCT               | 13-<br>15<br>PCT | 16-<br>19<br>PCT | 20-<br>23<br>PCT | 24-<br>27<br>PCT | 28-<br>32<br>PCT | 33-<br>36<br>PCT |  |
| 0088 ARIZONA STATE UNIV   | AZ | 5061            | 2366                    | 2695                         | 1                              | 7                | 28               | 33               | 22               | 9                | 1                |  |
| 0096 UNIV OF ARIZONA      | AZ | 4651            | 1628                    | 3023                         | 1                              | 7                | 27               | 32               | 22               | 11               | 1                |  |
| 0086 NORTHERN ARIZONA U   | AZ | 3413            | 881                     | 2532                         | 1                              | 8                | 28               | 35               | 21               | 8                | 0                |  |
| 0093 MESA COMM COLLEGE    | AZ | 796             | 147                     | 649                          | 2                              | 13               | 36               | 33               | 12               | 4                | 0                |  |
| 4266 BRIGHAM YOUNG UNIV   | UT | 637             | 356                     | 281                          | 0                              | 1                | 12               | 28               | 36               | 21               | 3                |  |
| 0091 GLENDALE C C-AZ      | AZ | 554             | 99                      | 455                          | 2                              | 13               | 37               | 33               | 12               | 3                | 0                |  |
| 0101 PIMA COMMUNITY COLL  | AZ | 461             | 86                      | 375                          | 4                              | 14               | 38               | 30               | 11               | 2                | 0                |  |
| 0092 GRAND CANYON UNIV    | AZ | 410             | 56                      | 354                          | 1                              | 10               | 33               | 34               | 15               | 7                | 0                |  |
| 0398 SAN DIEGO STATE UNIV | CA | 310             | 50                      | 260                          | 0                              | 5                | 34               | 37               | 17               | 6                | 0                |  |
| 0094 PHOENIX COLLEGE      | AZ | 299             | 42                      | 257                          | 4                              | 18               | 43               | 27               | 6                | 2                | 0                |  |
| 0434 STANFORD UNIVERSITY  | CA | 297             | 51                      | 246                          | 1                              | 2                | 15               | 18               | 26               | 33               | 5                |  |
| 0105 SCOTTSDALE COMM COLL | AZ | 293             | 31                      | 262                          | 2                              | 12               | 41               | 33               | 10               | 2                | 0                |  |
| 0470 U OF SOUTHERN CALIF  | CA | 292             | 35                      | 257                          | 1                              | 5                | 18               | 27               | 30               | 18               | 0                |  |
| 0090 EASTERN ARIZONA C    | AZ | 285             | 82                      | 203                          | 4                              | 16               | 33               | 28               | 13               | 6                | 0                |  |
| 0097 CHANDLER-GILBERT CC  | AZ | 270             | 28                      | 242                          | 0                              | 10               | 31               | 39               | 14               | 5                | 0                |  |
| 0448 U OF CA LOS ANGELES  | CA | 270             | 35                      | 235                          | 0                              | 6                | 24               | 35               | 21               | 13               | 0                |  |
| 9999 NCAA CLEARINGHOUSE   | IA | 223             | 108                     | 115                          | 1                              | 6                | 28               | 34               | 20               | 11               | 0                |  |
| 0926 BRIGHAM YOUNG-IDAHO  | ID | 217             | 49                      | 168                          | 0                              | 1                | 15               | 35               | 29               | 20               | 0                |  |
| 0098 YAVAPAI COLLEGE      | AZ | 200             | 44                      | 156                          | 4                              | 22               | 34               | 27               | 12               | 2                | 0                |  |
| 0394 UNIV OF SAN DIEGO    | CA | 197             | 20                      | 177                          | 0                              | 4                | 21               | 34               | 27               | 15               | 1                |  |
| 0177 PARADISE VALLEY CC   | AZ | 172             | 23                      | 149                          | 2                              | 8                | 36               | 37               | 13               | 5                | 0                |  |
| 0510 FORT LEWIS COLLEGE   | CO | 171             | 67                      | 104                          | 7                              | 38               | 36               | 16               | 2                | 1                | 0                |  |
| 2838 NEW YORK UNIVERSITY  | NY | 159             | 27                      | 132                          | 0                              | 6                | 18               | 27               | 33               | 15               | 1                |  |
| 0099 ARIZONA WESTERN COLL | AZ | 156             | 51                      | 105                          | 1                              | 22               | 49               | 21               | 6                | 1                | 0                |  |
| 0459 U OF CA SAN DIEGO    | CA | 156             | 9                       | 147                          | 0                              | 0                | 14               | 31               | 36               | 19               | 1                |  |
| 0147 DEVRY-PHOENIX AZ     | IL | 155             | 40                      | 115                          | 6                              | 17               | 39               | 25               | 10               | 3                | 0                |  |
| 0444 U OF CA BERKELEY     | CA | 149             | 13                      | 136                          | 0                              | 1                | 15               | 21               | 34               | 23               | 4                |  |
| 2650 U OF NEW MEXICO      | NM | 146             | 32                      | 114                          | 6                              | 24               | 38               | 19               | 8                | 5                | 0                |  |
| 4751 COCONINO COMM COLL   | AZ | 144             | 42                      | 102                          | 5                              | 27               | 40               | 24               | 4                | 1                | 0                |  |
| 0085 CENTRAL ARIZONA COLL | AZ | 135             | 42                      | 93                           | 7                              | 21               | 42               | 24               | 4                | 1                | 0                |  |
| 5362 ART INST OF PHOENIX  | AZ | 132             | 17                      | 115                          | 2                              | 12               | 39               | 27               | 18               | 2                | 0                |  |
| 0149 EMBRY-RIDDLE AERO-AZ | AZ | 128             | 32                      | 96                           | 0                              | 6                | 22               | 30               | 25               | 14               | 2                |  |
| 2496 U NEVADA-LAS VEGAS   | NV | 125             | 22                      | 103                          | 4                              | 15               | 33               | 28               | 16               | 3                | 1                |  |
| 1840 HARVARD COLLEGE      | MA | 119             | 24                      | 95                           | 1                              | 3                | 14               | 18               | 29               | 31               | 5                |  |
| 0100 GATEWAY COMM COLL    | AZ | 113             | 20                      | 93                           | 4                              | 27               | 43               | 23               | 2                | 1                | 0                |  |
| ALL OTHER INSTITUTIONS    |    | 9055            | 1897                    | 7158                         | 2                              | 8                | 22               | 29               | 23               | 15               | 1                |  |
| TOTALS                    |    | 30351           | 8552                    | 21799                        | 1                              | 8                | 27               | 31               | 21               | 11               | 1                |  |

TABLE 13 AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS

|                             | NUMBER OF STUDENTS | AVERAGE ACT COMP |                            | NUMBER OF STUDENTS | AVERAGE ACT COMP |
|-----------------------------|--------------------|------------------|----------------------------|--------------------|------------------|
| AGRICULTURE SCIENCE/TECH    | ( 87)              | (18.8)           | BUSINESS & OFFICE          | ( 50)              | (20.0)           |
| AGRICULTURAL BUSINESS       | 8                  | 17.9             | BOOKKEEPING/ACCT TECH      | 4                  | 22.3             |
| AGRICULTURAL ECONOMICS      | 0                  | 0.0              | BUSINESS DP/COMPUTER OPER  | 3                  | 17.3             |
| AGRICULTURAL MECHANICS      | 1                  | 12.0             | COURT REPORTING            | 1                  | 14.0             |
| AGRI PRODUCTION/TECH        | 1                  | 21.0             | OFFICE SUPERVISION & MGMT  | 5                  | 18.4             |
| AGRONOMY                    | 1                  | 20.0             | SECRETARIAL                | 1                  | 24.0             |
| ANIMAL SCIENCES             | 18                 | 20.6             | TYPING & GENERAL OFFICE    | 0                  | 0.0              |
| FARM & RANCH MANAGEMENT     | 4                  | 19.0             | WORD PROCESSING            | 0                  | 0.0              |
| FISH, GAME, WILDLIFE MGMT   | 6                  | 21.2             | BUSINESS & OFFICE, GEN     | 36                 | 20.2             |
| FOOD SCIENCES/ENGINEERING   | 1                  | 22.0             |                            |                    |                  |
| FORESTRY & RELATED SCI      | 10                 | 18.3             | MARKETING & DISTRIBUTION   | ( 74)              | (20.3)           |
| HORTICULTURE/ORNMENTAL HORT | 1                  | 28.0             | FASHION MERCHANDISING      | 17                 | 18.9             |
| NATURAL RESOURCES MGMT      | 1                  | 13.0             | RETAILING & SALES          | 2                  | 18.5             |
| AGRICULTURE & AG TECH, GEN  | 35                 | 17.7             | TRAVEL SERVICES & TOURISM  | 0                  | 0.0              |
|                             |                    |                  | MARKETING & DISTRIB, GEN   | 55                 | 20.8             |
| ARCH & ENVIR DESIGN         | ( 214)             | (20.6)           |                            |                    |                  |
| ARCHITECTURAL DRAFTING      | 41                 | 18.5             | COMMUNICATIONS & COMM TECH | ( 248)             | (21.6)           |
| ARCHITECTURE                | 46                 | 21.7             | ADVERTISING                | 8                  | 19.9             |
| BLDG CON/CONSTRUCTION SCI   | 4                  | 21.0             | GRAPHIC/COMMERCIAL ART     | 8                  | 16.9             |
| CITY, COMM & REG PLANNING   | 2                  | 21.5             | GRAPHIC & PRINT COMMUNIC   | 0                  | 0.0              |
| ENVIRONMENTAL DESIGN        | 2                  | 20.0             | JOURNALISM                 | 65                 | 23.2             |
| INTERIOR DESIGN             | 29                 | 20.0             | PHOTO/FILM/VIDEO TECH      | 17                 | 19.3             |
| LANDSCAPE ARCHITECTURE      | 2                  | 11.0             | PUBLIC RELATIONS           | 11                 | 21.4             |
| ARCHI & ENVIR DESIGN, GEN   | 88                 | 21.3             | RADIO/TV BROADCASTING      | 27                 | 20.6             |
|                             |                    |                  | RADIO/TV PRODUCTN & TECH   | 4                  | 17.0             |
| BUSINESS & MGMT             | ( 850)             | (20.9)           | COMMUNIC & COMM TECH, GEN  | 108                | 22.0             |
| ACCOUNTING                  | 50                 | 20.0             |                            |                    |                  |
| BANKING & FINANCE           | 25                 | 20.4             | COMMNTY & PRSNL SVCS       | ( 177)             | (19.0)           |
| BUSINESS ADMIN & MGMT       | 89                 | 21.3             | CORRECTIONS                | 2                  | 20.0             |
| BUSINESS ECONOMICS          | 11                 | 22.5             | COSMETOLOGY/HAIRSTYLING    | 6                  | 17.2             |
| CONTRACT MGMT & PURCHSING   | 0                  | 0.0              | CRIMINAL JUSTICE/CRIMINOL  | 71                 | 19.0             |
| HOTEL/RESTAURANT MGMT       | 30                 | 18.6             | FIRE PROTECTN/SAFETY TECH  | 8                  | 18.6             |
| HUMAN RESOURCE DEVEL/TRNG   | 1                  | 17.0             | FUNERAL SVCS/MORTUARY SCI  | 2                  | 20.5             |
| INSTITUTIONAL MANAGEMENT    | 1                  | 22.0             | LAW ENFORCEMENT & ADMIN    | 24                 | 18.8             |
| INSURANCE & RISK MGMT       | 0                  | 0.0              | LIBRARY SCI/LIB ASSISTING  | 0                  | 0.0              |
| INTERNATL BUSINESS/MGMT     | 34                 | 22.5             | MILITARY SCIENCE/TECH      | 8                  | 21.6             |
| LABOR/INDUSTRL RELATIONS    | 0                  | 0.0              | PARKS & RECREATION         | 1                  | 15.0             |
| MANAGEMENT INFO SYSTEMS     | 1                  | 20.0             | PUBLIC ADMINISTRATION      | 0                  | 0.0              |
| MANAGEMENT SCIENCE          | 0                  | 0.0              | PUBLIC AFFAIRS             | 0                  | 0.0              |
| MARKETING MGMT & RESEARCH   | 17                 | 21.9             | SOCIAL WORK                | 12                 | 19.3             |
| ORGANIZATIONAL BEHAVIOR     | 1                  | 15.0             | COMMNTY & PRSNL SVCS, GEN  | 43                 | 18.7             |
| PERSONNEL MANAGEMENT        | 0                  | 0.0              |                            |                    |                  |
| REAL ESTATE                 | 15                 | 19.1             |                            |                    |                  |
| SML BUSINESS MGMT/OWNRSHIP  | 33                 | 21.5             |                            |                    |                  |
| TRADE & INDUSTRIAL MGMT     | 0                  | 0.0              |                            |                    |                  |
| TRANSPORTATION MANAGEMENT   | 1                  | 18.0             |                            |                    |                  |
| BUSINESS & MGMT, GEN        | 541                | 20.9             |                            |                    |                  |

TABLE 13 (CONTINUED)

|                           | NUMBER OF STUDENTS | AVERAGE ACT COMP |                           | NUMBER OF STUDENTS | AVERAGE ACT COMP |
|---------------------------|--------------------|------------------|---------------------------|--------------------|------------------|
| COMPUTER & INFO SCI       | ( 215)             | (21.8)           | ENGINEERING               | ( 406)             | (22.5)           |
| COMPUTER PROGRAMMING      | 83                 | 22.2             | AEROSPACE ENGINEERING     | 65                 | 24.3             |
| COMPUTER SCIENCE          | 40                 | 21.8             | AGRICULTURAL ENGINEERING  | 1                  | 16.0             |
| DATA PROCESSING           | 2                  | 19.0             | ARCHITECTURAL ENGINEERING | 1                  | 21.0             |
| INFO SCIENCES & SYSTEMS   | 7                  | 21.6             | BIOENGINEER & BIOMED ENG  | 15                 | 25.3             |
| MATH/COMPUTER SCIENCE     | 6                  | 25.0             | CERAMIC ENGINEERING       | 0                  | 0.0              |
| COMPUTER & INFO SCI, GEN  | 77                 | 21.2             | CHEMICAL ENGINEERING      | 17                 | 23.5             |
| CROSS-DISC STUDIES        | ( 10)              | (20.1)           | CIVIL ENGINEERING         | 26                 | 20.2             |
| AREA & ETHNIC STUDIES     | 1                  | 19.0             | COMPUTER ENGINEERING      | 29                 | 21.7             |
| LIBERAL ARTS/GEN STUDIES  | 5                  | 17.2             | CONSTRUCTION ENG/MGMT     | 3                  | 17.7             |
| MULTI-/INTERDISC STUDIES  | 3                  | 22.0             | ELECTRCL & ELECTRONIC ENG | 21                 | 21.4             |
| CROSS-DISC STUDIES, GEN   | 1                  | 30.0             | ENGINEERING MANAGEMENT    | 1                  | 21.0             |
| EDUCATION                 | ( 314)             | (21.6)           | ENGINEERING PHYSICS       | 4                  | 22.5             |
| ADULT & CONTINUING EDUC   | 0                  | 0.0              | ENGINEERING SCIENCE       | 1                  | 24.0             |
| EDUCATION ADMINISTRATION  | 0                  | 0.0              | ENVIRONMENTAL HEALTH ENG  | 1                  | 23.0             |
| ELEMENTARY EDUCATION      | 96                 | 21.4             | GEOLOGICAL & GEOPHYS ENG  | 2                  | 27.0             |
| JR HIGH/MIDDLE SCH EDUC   | 12                 | 19.6             | INDUSTRIAL ENGINEERING    | 0                  | 0.0              |
| PRE-ELEMENTARY EDUCATION  | 4                  | 17.8             | MATERIALS ENGINEERING     | 1                  | 30.0             |
| SECONDARY EDUCATION       | 60                 | 22.8             | MECHANICAL ENGINEERING    | 37                 | 22.5             |
| STUDENT COUNSELING        | 4                  | 16.0             | METALLURGICAL ENGINEERING | 0                  | 0.0              |
| TEACHER AIDE              | 0                  | 0.0              | MINING & MINERAL ENG      | 0                  | 0.0              |
| EDUCATION, GENERAL        | 138                | 21.7             | NAVAL ARCHIT & MARINE ENG | 2                  | 20.5             |
| TEACHER EDUCATION         | ( 178)             | (20.7)           | NUCLEAR ENGINEERING       | 4                  | 22.3             |
| AGRICULTURAL EDUCATION    | 1                  | 19.0             | OCEAN ENGINEERING         | 1                  | 29.0             |
| ART EDUCATION             | 3                  | 16.7             | PETROLEUM ENGINEERING     | 0                  | 0.0              |
| BUSINESS EDUCATION        | 0                  | 0.0              | SYSTEMS ENGINEERING       | 0                  | 0.0              |
| ENGLISH EDUCATION         | 14                 | 22.9             | ENGINEERING, GENERAL      | 174                | 22.1             |
| FOREIGN LANGUAGES EDUC    | 3                  | 18.3             | ENGINEERING-RELATED TECH  | ( 311)             | (22.4)           |
| HEALTH EDUCATION          | 1                  | 18.0             | AERONAUTICAL TECHNOLOGY   | 37                 | 24.0             |
| HUMAN, FAM/CONS SCI EDUC  | 0                  | 0.0              | AC, HEATING, REFRIG TECH  | 0                  | 0.0              |
| INDUSTRIAL ARTS EDUCATION | 0                  | 0.0              | ARCHITECTURAL DESIGN TECH | 5                  | 22.8             |
| MATHEMATICS EDUCATION     | 10                 | 20.2             | BIOMEDICAL EQUIPMENT TECH | 3                  | 21.7             |
| MUSIC EDUCATION           | 26                 | 23.5             | CIVIL ENGINEERING TECH    | 11                 | 20.9             |
| PHYSICAL EDUCATION        | 23                 | 16.5             | COMPUTER ENGINEERING TECH | 23                 | 20.7             |
| SCIENCE EDUCATION         | 3                  | 19.0             | CONSTRUCTION/BLDG TECH    | 4                  | 19.0             |
| SOC STUDIES/SOC SCI EDUC  | 6                  | 20.8             | DRAFTING & DESIGN TECH    | 4                  | 18.8             |
| SPECIAL EDUCATION         | 3                  | 19.7             | ELECTRICAL ENG TECHNOLOGY | 13                 | 23.4             |
| SPEECH CORRECTION EDUC    | 1                  | 26.0             | ELECTRONIC ENG TECHNOLOGY | 13                 | 20.5             |
| TEACHING ENGL AS 2ND LANG | 0                  | 0.0              | ELECTROMECHAN INSTR TECH  | 1                  | 31.0             |
| TECH/TRADE & IND ED       | 0                  | 0.0              | ENVIRONMENTAL CONTRL TECH | 1                  | 19.0             |
| TEACHER EDUCATION, OTHER  | 1                  | 18.0             | INDUSTRRL PRODUCTION TECH | 1                  | 23.0             |
| TEACHER EDUCATION, GEN    | 83                 | 21.1             |                           |                    |                  |

TABLE 13 (CONTINUED)

|                           | NUMBER OF STUDENTS | AVERAGE ACT COMP |                            | NUMBER OF STUDENTS | AVERAGE ACT COMP |
|---------------------------|--------------------|------------------|----------------------------|--------------------|------------------|
| LASER/FIBER-OPTIC TECH    | 0                  | 0.0              | HUMAN, FAMILY/CONS SCI     | ( 54)              | (18.9)           |
| MANUFACTURING TECHNOLOGY  | 1                  | 29.0             | CHILD DEV, CARE, GUIDANCE  | 5                  | 17.8             |
| MECHANICAL ENG TECH       | 43                 | 22.1             | CHILD CARE AIDE/ASSISTING  | 1                  | 18.0             |
| MINING & PETROLEUM TECH   | 1                  | 25.0             | CULINARY ARTS              | 8                  | 19.1             |
| OCCUPATL SFTY & HLTH TECH | 0                  | 0.0              | FAMILY/CONS RESOURCE MGMT  | 1                  | 15.0             |
| SURVEYING & MAPPING TECH  | 0                  | 0.0              | FASHION DESIGN             | 7                  | 16.9             |
| ENGINEERING TECH, OTHER   | 6                  | 21.7             | FOOD PRODUCTN, MGMT, SVCS  | 0                  | 0.0              |
| ENGINEER-RELATD TECH, GEN | 144                | 22.8             | FOOD SCI & NUTR/DIETETICS  | 7                  | 23.1             |
|                           |                    |                  | HUMAN ENVIRON & HOUSING    | 0                  | 0.0              |
| FOREIGN LANGUAGES         | ( 44)              | (23.0)           | INDIVIDUAL & FAMILY DEVEL  | 0                  | 0.0              |
| ASIATIC LANGUAGES         | 5                  | 23.0             | TEXTILES AND CLOTHING      | 2                  | 15.0             |
| CLASSICAL LANGUAGES       | 0                  | 0.0              | HUMAN, FAM/CONS SCI, GEN   | 23                 | 19.0             |
| FRENCH                    | 5                  | 23.0             |                            |                    |                  |
| GERMAN                    | 5                  | 21.6             | LETTERS                    | ( 59)              | (25.0)           |
| ITALIAN                   | 0                  | 0.0              | CLASSICS                   | 0                  | 0.0              |
| MIDDLE EASTERN LANGUAGES  | 2                  | 25.5             | COMPARATIVE LITERATURE     | 1                  | 32.0             |
| RUSSIAN                   | 0                  | 0.0              | CREATIVE WRITING           | 18                 | 23.7             |
| SPANISH                   | 10                 | 23.2             | ENGLISH, GENERAL           | 26                 | 26.5             |
| FOREIGN LANGUAGES, OTHER  | 4                  | 19.8             | LINGUISTICS                | 0                  | 0.0              |
| FOREIGN LANGUAGES, GEN    | 13                 | 24.0             | LITERATURE, ENGLISH/AMER   | 7                  | 25.3             |
|                           |                    |                  | SPEECH & RHETORICAL STUDY  | 0                  | 0.0              |
| HEALTH SCI & ALLIED HLTH  | ( 1745)            | (20.9)           | LETTERS, GENERAL           | 7                  | 21.6             |
| CHIROPRACTIC              | 11                 | 19.5             |                            |                    |                  |
| DENTAL ASSISTING          | 5                  | 15.0             | MATHEMATICS                | ( 47)              | (24.0)           |
| DENTAL HYGIENE            | 30                 | 20.8             | ACTUARIAL SCIENCES         | 0                  | 0.0              |
| DENTAL LAB/TECHNOLOGY     | 0                  | 0.0              | APPLIED MATHEMATICS        | 7                  | 25.7             |
| DENTISTRY                 | 66                 | 22.2             | STATISTICS                 | 1                  | 21.0             |
| EMERG MED TECH/PARAMEDIC  | 13                 | 17.8             | MATHEMATICS, GENERAL       | 39                 | 23.8             |
| HEALTH CARE ADMIN         | 3                  | 20.3             |                            |                    |                  |
| MEDICAL/SURG ASSISTING    | 39                 | 18.7             | PHILOS, RELIG & THEOLOGY   | ( 51)              | (22.9)           |
| MEDICAL LAB/TECHNOLOGY    | 15                 | 20.7             | BIBLE STUDIES              | 6                  | 22.8             |
| MED RECORDS ADMIN/TECH    | 5                  | 17.2             | PHILOSOPHY                 | 9                  | 23.8             |
| MEDICINE                  | 310                | 22.5             | RELIGION                   | 2                  | 21.5             |
| MNTL HLTH & HUM SVCS/TECH | 10                 | 20.8             | RELIGIOUS EDUCATION        | 2                  | 25.0             |
| NUCLEAR MEDICINE TECH     | 3                  | 18.0             | RELIGIOUS MUSIC            | 2                  | 22.0             |
| NURSING (PRACTICAL)       | 40                 | 16.5             | THEOLOGY                   | 8                  | 22.9             |
| NURSING (REGISTERED)      | 219                | 19.5             | PHILOS, RELIG & THEOL, GEN | 22                 | 22.6             |
| OCCUPATNL THERAPY/ASSIST  | 8                  | 19.0             |                            |                    |                  |
| OPTOMETRY                 | 4                  | 19.3             |                            |                    |                  |
| PHARMACY                  | 88                 | 21.8             |                            |                    |                  |
| PHYSICIAN ASSISTING       | 17                 | 19.1             |                            |                    |                  |
| PHYSICAL THERAPY/ASSIST   | 111                | 20.6             |                            |                    |                  |
| RADIOLOGY/RADIOLOGIC TECH | 26                 | 18.8             |                            |                    |                  |
| REC/ART/MUSIC THERAPY     | 1                  | 16.0             |                            |                    |                  |
| RESPIRATORY THERAPY/TECH  | 3                  | 18.7             |                            |                    |                  |
| SPEECH PATHOL/AUDIOLOGY   | 4                  | 21.8             |                            |                    |                  |
| VETERINARIAN ASSISTING    | 10                 | 16.9             |                            |                    |                  |
| VETERINARY MEDICINE       | 67                 | 21.3             |                            |                    |                  |
| HEALTH SCI & ALLIED, GEN  | 637                | 21.2             |                            |                    |                  |

TABLE 13 (CONTINUED)

|                              | NUMBER<br>OF<br>STUDENTS | AVERAGE<br>ACT<br>COMP |                           | NUMBER<br>OF<br>STUDENTS | AVERAGE<br>ACT<br>COMP |
|------------------------------|--------------------------|------------------------|---------------------------|--------------------------|------------------------|
| SCIENCES (BIOL & PHYSICAL) ( | 511)                     | (23.5)                 | VISUAL/PERFORM ARTS       | ( 463)                   | (21.3)                 |
| ASTRONOMY                    | 24                       | 22.1                   | APPLIED DESIGN/CRAFTS     | 2                        | 24.5                   |
| ATMOSPHER SCI & METEOROL     | 7                        | 19.9                   | ART                       | 35                       | 20.9                   |
| BIOCHEMISTRY & BIOPHYSICS    | 47                       | 25.3                   | ART HIST & APPRECIATION   | 5                        | 23.2                   |
| BIOLOGY                      | 124                      | 23.3                   | CINEMATOGRAPHY/FILM/VIDEO | 39                       | 21.0                   |
| BOTANY                       | 1                        | 14.0                   | DANCE                     | 19                       | 20.0                   |
| CHEMISTRY                    | 53                       | 24.5                   | DESIGN, GENERAL           | 16                       | 20.4                   |
| EARTH SCIENCE                | 3                        | 23.0                   | DRAMA/THEATRE ARTS        | 46                       | 22.3                   |
| ECOLOGY/ENV STUDIES          | 6                        | 20.0                   | FINE ARTS, GENERAL        | 12                       | 22.0                   |
| GEOLOGY                      | 3                        | 25.3                   | GRAPHIC ARTS TECHNOLOGY   | 6                        | 19.7                   |
| MICROBIOLOGY                 | 19                       | 24.4                   | GRAPHIC DESIGN            | 24                       | 20.7                   |
| OCEANOGRAPHY                 | 12                       | 21.0                   | MUSIC (LIBERAL ARTS)      | 18                       | 22.3                   |
| PHYSICS                      | 25                       | 24.8                   | MUSIC PERFORMANCE         | 62                       | 22.8                   |
| ZOOLOGY                      | 30                       | 23.1                   | MUSIC THEORY & COMPOSIT   | 14                       | 21.3                   |
| SCIENCES (BIO & PHYS), GEN   | 157                      | 23.4                   | PHOTOGRAPHY               | 16                       | 19.8                   |
|                              |                          |                        | VISUAL/PERFORM ARTS, GEN  | 149                      | 20.9                   |
| SOCIAL SCIENCES (            | 670)                     | (22.5)                 | UNDECIDED                 | ( 1052)                  | (21.7)                 |
| ANTHROPOLOGY                 | 15                       | 25.6                   |                           |                          |                        |
| ECONOMICS                    | 9                        | 22.3                   |                           |                          |                        |
| GEOGRAPHY                    | 0                        | 0.0                    |                           |                          |                        |
| HISTORY                      | 35                       | 24.4                   |                           |                          |                        |
| INTERNATIONAL RELATIONS      | 18                       | 24.3                   |                           |                          |                        |
| LAW                          | 147                      | 21.7                   |                           |                          |                        |
| PARALEGAL/LEGAL ASSISTING    | 3                        | 18.0                   |                           |                          |                        |
| POLITICAL SCI/GOVERNMENT     | 59                       | 23.5                   |                           |                          |                        |
| PSYCHOLOGY                   | 209                      | 21.7                   |                           |                          |                        |
| SOCIOLOGY                    | 11                       | 19.8                   |                           |                          |                        |
| URBAN STUDIES                | 0                        | 0.0                    |                           |                          |                        |
| SOCIAL SCIENCES, GENERAL     | 164                      | 23.0                   |                           |                          |                        |
| TRADE & INDUSTRIAL (         | 77)                      | (18.7)                 |                           |                          |                        |
| AIRCRAFT TECHNICIAN          | 0                        | 0.0                    |                           |                          |                        |
| AIRPLANE PILOTING & NAVIG    | 17                       | 22.8                   |                           |                          |                        |
| AUTOMOTIVE BODY REPAIR       | 3                        | 19.0                   |                           |                          |                        |
| AUTOMOTIVE TECHNOLOGY        | 11                       | 17.7                   |                           |                          |                        |
| AVIATION MANAGEMENT          | 1                        | 22.0                   |                           |                          |                        |
| COMPUTER ELECTRNCs/REPAIR    | 2                        | 18.0                   |                           |                          |                        |
| CONSTRCT TRADES & CARPENT    | 2                        | 18.0                   |                           |                          |                        |
| DIESEL MECHANICS & TECH      | 8                        | 16.4                   |                           |                          |                        |
| DRAFTING                     | 0                        | 0.0                    |                           |                          |                        |
| ELECTRICAL EQUIP REPAIR      | 2                        | 16.5                   |                           |                          |                        |
| HEATING, AC, REFRIG MECH     | 0                        | 0.0                    |                           |                          |                        |
| MACHINE TECHNOLOGY           | 2                        | 15.5                   |                           |                          |                        |
| MECHANICAL DRAFTING          | 0                        | 0.0                    |                           |                          |                        |
| WELDING & WELDING TECH       | 9                        | 14.3                   |                           |                          |                        |
| TRADE & INDUSTRIAL, GEN      | 20                       | 19.0                   |                           |                          |                        |

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

| REFERENCE GROUP                           | TOTAL  |      | CORE OR MORE |      | LESS THAN CORE |      | MALES  |      | FEMALES |      |
|---|--------|------|--------------|------|----------------|------|--------|------|---------|------|
|   | NUMBER | AVG  | NUMBER       | AVG  | NUMBER         | AVG  | NUMBER | AVG  | NUMBER  | AVG  |
| <u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u> |        |      |              |      |                |      |        |      |         |      |
| ADMIN & SALES (02-03)                     | 13     | 16.3 | 8            | 16.5 | 5              | 16.0 | 0      | 0.0  | 12      | 16.4 |
| BUSINESS OPER (04-05)                     | 20     | 17.0 | 9            | 16.6 | 11             | 17.3 | 5      | 16.0 | 15      | 17.3 |
| TECHNICAL (06-07)                         | 66     | 16.5 | 29           | 17.3 | 34             | 15.5 | 41     | 16.9 | 25      | 15.7 |
| SCIENCE & TECH (08-09)                    | 65     | 16.0 | 27           | 17.0 | 37             | 15.3 | 28     | 15.5 | 36      | 16.1 |
| ARTS (10-11)                              | 26     | 16.5 | 10           | 16.8 | 16             | 16.4 | 7      | 17.9 | 19      | 16.1 |
| SOCIAL SERVICE (12-01)                    | 20     | 15.4 | 6            | 16.2 | 14             | 15.0 | 6      | 15.0 | 14      | 15.5 |
| OTHER*                                    | 80     | 16.5 | 28           | 17.0 | 49             | 16.1 | 39     | 15.6 | 40      | 17.4 |
| TOTAL                                     | 290    | 16.3 | 117          | 16.9 | 166            | 15.8 | 126    | 16.1 | 161     | 16.4 |
| <u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u> |        |      |              |      |                |      |        |      |         |      |
| ADMIN & SALES (02-03)                     | 817    | 21.7 | 557          | 22.0 | 242            | 21.0 | 253    | 21.8 | 557     | 21.6 |
| BUSINESS OPER (04-05)                     | 578    | 21.2 | 374          | 22.1 | 188            | 19.5 | 250    | 21.4 | 324     | 21.0 |
| TECHNICAL (06-07)                         | 933    | 21.0 | 632          | 21.5 | 278            | 19.9 | 549    | 21.1 | 375     | 20.8 |
| SCIENCE & TECH (08-09)                    | 1521   | 22.3 | 1000         | 22.9 | 471            | 21.1 | 690    | 22.8 | 823     | 21.8 |
| ARTS (10-11)                              | 1053   | 22.6 | 731          | 22.8 | 288            | 21.9 | 311    | 22.9 | 729     | 22.4 |
| SOCIAL SERVICE (12-01)                    | 941    | 21.8 | 627          | 22.2 | 281            | 21.1 | 222    | 22.0 | 705     | 21.6 |
| OTHER*                                    | 2845   | 21.7 | 1711         | 22.2 | 875            | 20.8 | 1186   | 21.9 | 1635    | 21.5 |
| TOTAL                                     | 8688   | 21.8 | 5632         | 22.3 | 2623           | 20.8 | 3461   | 22.0 | 5148    | 21.7 |

\* OTHER = STUDENTS WHO HAD WORLD-OF-WORK REGIONS THAT DIFFERED FROM THOSE LISTED

TABLE 15 HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY

| REFERENCE GROUP          | NUMBER OF STUDENTS | GRADE AVERAGES |      |                |                 | HS GPA | HS GPA |
|--------------------------|--------------------|----------------|------|----------------|-----------------|--------|--------|
|                          |                    | ENGLISH        | MATH | SOCIAL STUDIES | NATURAL SCIENCE | AVG    | SD     |
| MALE                     | 3143               | 3.32           | 3.24 | 3.48           | 3.34            | 3.34   | 0.53   |
| FEMALE                   | 4896               | 3.52           | 3.28 | 3.59           | 3.44            | 3.45   | 0.49   |
| NO RESPONSE              | 75                 | 3.49           | 3.33 | 3.58           | 3.54            | 3.48   | 0.49   |
| AFRICAN-AMERICAN/BLACK   | 312                | 3.24           | 2.95 | 3.34           | 3.13            | 3.17   | 0.51   |
| CAUCASIAN-AMERICAN/WHITE | 4547               | 3.52           | 3.36 | 3.62           | 3.49            | 3.49   | 0.47   |
| OTHER MINORITY           | 2596               | 3.32           | 3.14 | 3.45           | 3.26            | 3.29   | 0.54   |
| MISSING/PREFER NO RESP   | 659                | 3.48           | 3.29 | 3.59           | 3.45            | 3.45   | 0.50   |
| TOTAL                    | 8114               | 3.44           | 3.27 | 3.55           | 3.40            | 3.41   | 0.51   |

APPENDIX

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THE RESULTS PROFILED IN THIS REPORT ARE BASED ON ALL STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. IF A STUDENT TESTED MORE THAN ONCE, ONLY HIS/HER MOST RECENT TEST RECORD IS USED. DUE TO THE INCREASING NUMBER OF REPEAT TEST-TAKERS, ACT EXPANDED THE NUMBER OF STUDENT SPECIFIC VARIABLES USED TO MATCH MULTIPLE STUDENT RECORDS IN 2002. THOSE STUDENTS WHO TESTED RESIDUALLY OR UNDER EXTENDED TIME CONDITIONS ARE NOT INCLUDED.

IT SHOULD BE NOTED THAT GRADUATING STUDENTS WHO TAKE THE ACT ASSESSMENT ARE NOT NECESSARILY REPRESENTATIVE OF GRADUATING STUDENTS NATIONALLY. STUDENTS WHO LIVE IN THE MIDWEST, ROCKY MOUNTAINS, PLAINS AND SOUTHERN REGIONS OF THE COUNTRY ARE OVER REPRESENTED AMONG ACT-TESTED STUDENTS AS COMPARED TO GRADUATING STUDENTS NATIONALLY.

CAUTION SHOULD BE USED IN MAKING COMPARISONS BETWEEN STATE AND NATIONAL NORMS. STATE NORMS MAY DIFFER FROM NATIONAL NORMS FOR NON-EDUCATIONAL REASONS SUCH AS THE DEMOGRAPHIC MAKE-UP OF A STATE'S ACT-TESTED GRADUATES COMPARED TO THE NATION.

SINCE THE ACT ASSESSMENT IS DESIGNED FOR THOSE STUDENTS WHO PLAN TO ATTEND COLLEGE, THE FOCUS IS ON STUDENTS WHO COMPLETED THE RECOMMENDED COLLEGE PREPARATORY COURSES. THE RECOMMENDED COLLEGE CORE COURSES (AS DEFINED BY ACT) INCLUDE:

## ENGLISH (FOUR YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ENGLISH 9, ENGLISH 10, ENGLISH 11, ENGLISH 12

## MATHEMATICS (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ALGEBRA I, ALGEBRA II, GEOMETRY  
ONE-HALF YEAR CREDIT EACH FOR TRIGONOMETRY, CALCULUS (NOT PRE-CALCULUS),  
OTHER MATH COURSES BEYOND ALGEBRA II, COMPUTER MATH/COMPUTER SCIENCE

## SOCIAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR AMERICAN HISTORY, WORLD HISTORY, AMERICAN GOVERNMENT  
ONE-HALF YEAR CREDIT EACH FOR ECONOMICS, GEOGRAPHY, PSYCHOLOGY, OTHER HISTORY

## NATURAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR GENERAL/PHYSICAL/EARTH SCIENCE, BIOLOGY, CHEMISTRY,  
PHYSICS

ALL CALCULATED HIGH SCHOOL GPAS SHOWN IN THIS REPORT ARE BASED ON STUDENT REPORTED COURSE GRADES IN THE FOUR CORE SUBJECT AREAS (ENGLISH, MATH, SOCIAL SCIENCE AND NATURAL SCIENCE).

INSTRUCTIONS FOR USING THE DATA PRESENTED IN THIS REPORT ARE PROVIDED IN THE INTERPRETIVE GUIDE, YOUR COLLEGE-BOUND STUDENTS. IF YOU HAVE QUESTIONS CONCERNING THIS REPORT OR NEED A COPY OF THIS GUIDE, PLEASE CALL 319/337-1111 OR WRITE TO ACT RESEARCH SERVICES (64), ACT INC, P.O. BOX 168, IOWA CITY, IOWA 52243.



APPENDIX (CONTINUED)

THE NUMBERS IN TABLE 4, PAGE 6 IN THE COLUMNS TITLED "CP", FOR EACH ACT TEST AND COMPOSITE ARE CUMULATIVE PERCENTS. CUMULATIVE PERCENTS REPRESENT THE PERCENT OF STUDENTS SCORING AT OR BELOW A SELECTED SCORE VALUE. FOR EXAMPLE, IF A SCALE SCORE OF 21 ON THE ACT COMPOSITE HAD A CP OF 52, THIS MEANS THAT 52% OF THE TESTED POPULATION WERE AT OR BELOW A SCORE OF 21. TO FIND THE PERCENT OF STUDENTS WHO HAD SCORES STRICTLY BELOW 21, JUST READ THE CUMULATIVE PERCENT VALUE ASSOCIATED WITH THE NEXT LOWER SCALE SCORE VALUE, IN THIS CASE A SCORE OF 20. IN THIS EXAMPLE 44 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

| STD<br>SCORE | ACT<br>COMPOSITE |   |
|--------------|------------------|---|
|              | FREQ             | CP  |
| 36           | 1                | 99  |
| 35           | 12               | 99  |
| 34           | 31               | 99  |
| 33           | 56               | 99  |
| 32           | 104              | 99  |
| 31           | 174              | 98  |
| 30           | 205              | 96  |
| 29           | 284              | 94  |
| 28           | 385              | 92  |
| 27           | 468              | 88  |
| 26           | 534              | 84  |
| 25           | 578              | 78  |
| 24           | 657              | 73  |
| 23           | 756              | 67  |
| 22           | 810              | 59  |
| 21           | 805              | 52 <-- 52% OF THE STUDENTS SCORE AT OR BELOW 21 |
| 20           | 848              | 44 <-- 44% OF THE STUDENTS SCORE BELOW 21       |
| 19           | 800              | 36  |
| 18           | 744              | 28  |
| 17           | 678              | 21  |
| 16           | 509              | 15  |
| 15           | 402              | 10  |
| 14           | 276              | 6   |
| 13           | 197              | 3   |
| 12           | 114              | 1   |
| 11           | 27               | 1   |
| 10           | 13               | 1   |
| 9            | 1                | 1   |
| 8            | 0                | 1   |
| 7            | 0                | 1   |
| 6            | 0                | 1   |
| 5            | 1                | 1   |
| 4            | 0                | 1   |
| 3            | 0                | 1   |
| 2            | 0                | 1   |
| 1            | 0                | 1   |

