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ABSTRACT

Test performance of a representative sample of 35,291 high school students tested on Form 5 of the Armed Services Vocational Aptitude Battery (ASVAB) is summarized. Separate weighted normative tables are provided by subtest, aptitude composite, grade and sex. This research is furnished as a supplement to the ASVAB Counselor's Manual (DOD 1304.12X, July 1976) and will serve as the ASVAB computer normative base for students tested beginning 1 October 1976. Tables contained in the report replace all preexisting ASVAB norms. Percentile tables in the present report are designed for primary use by high school counselors as an interpretative guide, as a supplemental reference to the individual student/counselor printout of test scores, and as look-up tables for plotting individual student nomographs. A more complete description of sampling methods, weighting approaches and statistical analyses of these representative normative data will be later distributed. (Author/MV)

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TECHNICAL RESEARCH NOTE 75-6

REPRESENTATIVE NORMATIVE TABLES  
FOR THE  
ARMED SERVICES VOCATIONAL APTITUDE BATTERY  
(FORM 5)

U.S. DEPARTMENT OF HEALTH,  
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DIRECTORATE OF TESTING  
UNITED STATES MILITARY ENLISTMENT PROCESSING COMMAND  
FORT SHERIDAN, ILLINOIS 60037

SEPTEMBER 1976

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Technical Research Notes distributed by the Military Enlistment Processing Command are designed for primary use and reference by high school counselors and other personnel involved in the use and interpretation of the Armed Services Vocational Aptitude Battery (ASVAB). This Technical Research Note was developed as an integral supplement to the ASVAB Counselor's Manual (DOD 1304.12X, July 1976) and as a counselor aid to student understanding and use of the ASVAB Counselor/Student Printout (DOD Form 1304.12P, January 1976).

This interim report was based on tables submitted by J.W.K. International, 7617 Little River Turnpike, Annandale, VA 22003, under contract F41609-75-R-0013, with the Personnel Research Division, Air Force Human Resources Laboratory (AFSC), Lackland Air Force Base, TX, as contract monitor.

This report has been reviewed and cleared for open publication and/or public release. There is no objection to unlimited distribution of the report to the public at large, or by DDC to the National Technical Information Service (NTIS).

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| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number)<br><br>This interim Technical Research Note summarizes test performance of a representative sample of 35,291 high school students tested on Form 5 of the Armed Services Vocational Aptitude Battery (ASVAB). Separate weighted normative tables are provided by subtest, aptitude composite, grade and sex. This research is furnished as a supplement to the ASVAB Counselor's Manual (DOD 1304.12X, July 1976) and will serve as the ASVAB computer normative base for students tested beginning 1 October 1976. Tables contained in the report replace all preexisting ASVAB norms. |   |   |

20. ABSTRACT (CONTINUED)

Percentile tables in the present report are designed for primary use by high school counselors as an interpretative guide, as a supplemental reference to the individual student/counselor printout of test scores and as look-up tables for plotting individual student nomographs. A more complete description of sampling methods, weighting approaches and statistical analyses of these representative normative data will be later distributed through a MEPCOM Technical Research Report.

## PREFACE

Data contained in the tables of this Technical Research Note summarize test results for 35,291 high school students tested on Form 5 of the Armed Services Vocational Aptitude Battery (ASVAB) in the spring of 1976. Work was performed under Contract No. F41609-75-C-0044, USAF/AFSC, Personnel Research Division, Air Force Human Resources Laboratory, Lackland Air Force Base, Texas.

The normative tables reported in this study were designed as an integral supplement to the ASVAB Counselor's Manual (DOD 1304.12X, July 1976) and the Counselor/Student ASVAB Score Sheet (DOD Form 1304.12P, January 1976).

The final report was submitted by J.W.K. International, 7617 Little River Turnpike, Annandale, Virginia 22003. Dr. Robert Adkins was the principal investigator.

The Military Enlistment Processing Command is indebted to all participating high school counselors, students and administrative personnel.

## SUMMARY

This interim Technical Research Note summarizes test performance of a representative sample of 35,291 high school students tested on Form 5 of the Armed Services Vocational Aptitude Battery (ASVAB). Separate weighted normative tables are provided by subtest, aptitude composite, grade and sex. This research is furnished as a supplement to the ASVAB Counselor's Manual (DOD 1304.12X, July 1976) and will serve as the ASVAB computer normative base for students tested beginning 1 October 1976. Tables contained in the report replace all preexisting ASVAB norms.

Percentile tables in the present report are designed for primary use by high school counselors as an interpretative guide, as a supplemental reference to the individual student/counselor printout of test scores, and as look-up tables for plotting individual student nomographs. A more complete description of sampling methods, weighting approaches and statistical analyses of these representative normative data will be later distributed through a MEPCOM Technical Research Report.

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REPRESENTATIVE NORMATIVE TABLES  
FOR THE  
ARMED SERVICES VOCATIONAL APTITUDE BATTERY  
(ASVAB-5)

I. INTRODUCTION

The purpose of this study was to administer Form 5 of the Armed Services Vocational Aptitude Battery (ASVAB-5) to a representative national sample of secondary school students, and to norm and standardize the results of the administration. Form 5 of the ASVAB was introduced as the standard joint services instrument for use in the Department of Defense High School Testing Program in July of 1976. Two equivalent forms of the battery (Forms 6 and 7) were implemented in January of 1976 as the common service recruit selection and classification battery.

Computation of ASVAB subtest and composite percentiles for reporting to counselors and students as appearing on "Your ASVAB Results" (DOD Form 1304.12P, Jan 76) is based solely on the Tables appearing in this Technical Research Note. Percentiles shown on the printout are computed from the data shown in Tables 24 through 41 of this report; grade and sex percentiles shown in Tables 18 through 23 are to be used for plotting individual nomographs on the bottom half of the student ASVAB score sheet. Data summarized in the Tables contained in this study are designed to be used in conjunction with the ASVAB student/counselor printout of test results and the ASVAB Counselor's Manual (DOD 1394.12X, July 1976). In fact, statistics shown in Table 5 of the current study are to be substituted for means and standard deviations shown in Tables 10 and 11 of the July 1976 edition of the ASVAB Counselor's Manual. As empirical norms become accumulated on students tested with ASVAB-5 during school year 1976-77, updated percentile conversion tables will also be published in the form of a technical research note for use supplemental to the ASVAB Counselor's Manual. ASVAB subtests are combined as shown in Table 1 to compute the six composite scores. The only scoring formula used is Rights only.

Table 1

## ASVAB COMPOSITE FORMULAS

| COMPOSITE                    | SUBTESTS   |
|------------------------------|--|
| (EL) Electronic/Electrical   | (EI) Electronic + (AR) Arithmetic<br>Information Reasoning                             |
| (CO) Communications          | (AR) Arithmetic + (MC) Mechanical + (SP) Spatial<br>Reasoning Comprehension Perception |
| (GT) General/Technical       | (AR) Arithmetic + (WK) Word<br>Reasoning Knowledge                                     |
| (MM) Motor Mechanical        | (MC) Mechanical + (AI) Automotive + (MK) Math<br>Comprehension Information Knowledge   |
| (GM) General Mechanical      | (SP) Spatial + (SI) Shop + (AR) Arithmetic<br>Perception Information Reasoning         |
| (CL) Clerical/Administrative | (WK) Word + (AD) Attention + (NO) Numerical<br>Knowledge to Detail Operations          |

## II. METHOD OF SAMPLING

The sampling universe applied by the Contractor was the Office of Civil Rights directory of schools reporting as of the beginning of school year 1972-73, in compliance with Title VI of the Civil Rights Act of 1964. This directory contains reported information on the racial/ethnic composition of pupils and fulltime classroom teachers in 8,056 school districts in the Continental United States including Alaska and the District of Columbia.

The first sampling objective was to draw three schools from each of the strata defined by the intersection of the following four criteria:

(1) Zip Code Area:

Ten strata defined by the values of the first digit of the zip code (0-8)

(2) School Size:

Size 1: 0-500 pupils  
 Size 2: 501-1000 pupils  
 Size 3: Over 1000 pupils

(3) Grade Span:

Span 1: Grade 10-12, Grade 11-12, and Grade 12 schools  
 Span 2: Grade 7-12, Grade 8-12, and Grade 9-12 schools

(4) Percent Black Enrollment:

Group A: 9-20% Black enrollment  
 Group B: 21-40% Black enrollment  
 Group C: 41-60% Black enrollment  
 Group D: 61-80% Black enrollment  
 Group E: 81-100% Black enrollment

The sampling procedure selected all schools within strata containing less than four schools; and random selection of three schools within strata containing more than three schools. Using this approach, a target sample list of 633 schools was identified, from which a final list of 169 schools was randomly selected to be contacted for voluntary participation in the study. Out of the sampling list of 169 schools, a total of 56 schools agreed to participate, distributed by Zip Code Size and Percent Black Enrollment as shown in Table 2.

Table 2  
 SAMPLE OF SCHOOLS BY ZIP CODE, SIZE,  
 AND PERCENT BLACK ENROLLMENT (N = 56)

|                          | Zip Codes |   |   |   |   |   |   |   |   |   | Totals |
|--------------------------|-----------|---|---|---|---|---|---|---|---|---|--------|
|                          | 0         | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |        |
| Total Schools            | 6         | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | 5 | 56     |
| Subtotals by             |           |   |   |   |   |   |   |   |   |   |        |
| Size 1 (0-500)           | 4         | 4 | 4 | 4 | 4 | 2 | 3 | 4 | 1 | 3 | 33     |
| Size 2 (501-1000)        | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 11     |
| Size 3 (over 1000)       | 1         | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 12     |
| Percent Black Enrollment |           |   |   |   |   |   |   |   |   |   |        |
| 0-20                     | 1         | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 0 | 12     |
| 21-40                    | 1         | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 13     |
| 41-60                    | 2         | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 13     |
| 61-80                    | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10     |
| 81-100                   | 1         | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 8      |

### III. DATA COLLECTION

Staff members of the contracting agency arranged for testing each school, with test administrators furnished either by the contractor or the military services. Participating students were required to have parental approval prior to taking the test, and a copy of the appropriate Privacy Act Notification Statement was furnished to each examinee and his/her parents or guardians.

Identification of student race or cultural group affiliation was voluntary, in compliance with requirements of the Privacy Act. This item on the answer sheet was completed for 1 participating students. Out of a total of 36,852 students rejected, 35,291 had complete records suitable for manual and computer analysis. Analysis of the rejected answer sheets did not reveal any systematic bias that would affect the assumptions of randomness. Distribution of the final sample of students in the normative tables by Zip Code area is shown in Table 3. A summary of sample sizes by grade and sex is shown in Table 4.

Table 3

SAMPLE OF SCHOOLS\*<sup>1</sup>  
TOTAL STUDENTS BY ZIP CODE (N = 35,291)

| Zip Code | Students<br>Sampled |
|----------|---------------------|
| 0        | 3194                |
| 1        | 3099                |
| 2        | 3847                |
| 3        | 3807                |
| 4        | 3370                |
| 5        | 5141                |
| 6        | 3223                |
| 7        | 3219                |
| 8        | 3268                |
| 9        | <u>3123</u>         |
| Total    | 35,291              |

\*<sup>1</sup>Of the total 35,291 sample of students, 17,934 were males, 17,357 females. The number of blacks was 5,293; 2,689 males, 2,604 females.

Individual student results -- raw score and percentile equivalents -- for each composite and subtest were reported to the schools tested.

Table 4

## TOTAL SAMPLE SIZES BY GRADE AND SEX (N = 35,291)

| GRADE | MALE   | FEMALE | TOTAL  |
|-------|--------|--------|--------|
| 9th   | 4368   | 4297   | 8665   |
| 10th  | 4641   | 4420   | 8061   |
| 11th  | 4482   | 4305   | 8787   |
| 12th  | 4443   | 4335   | 8778   |
| TOTAL | 17,934 | 17,357 | 35,291 |

IV. RESULTS (ASVAB REFERENCE TABLES)

The complete array of subtest and composite means and standard deviations, broken out by grade and sex, are shown in the matrix in Table 5. It is to be noted that both means and standard deviations shown for 9th graders are sharply depressed in contrast to statistics reported for "upperclassmen." Counselors are cautioned from relying extensively on ASVAB results for use against Freshmen populations. Ninth grade test results should be used only with the aid of local norms; validity data do not yet exist to support extensive dependence on ASVAB results for students at the 9th grade and lower. Since ASVAB evolved out of common military service selection and classification test batteries geared to the national mobilization population (ages 17 through 24), it is not surprising that limited variance is experienced when the test is administered below the 10th grade level.

Various reference tables in this study are:

*Tables 6 through 17:* Show raw score to percentile conversions, by grade and sex, for each of the 12 subtests contained in ASVAB-5.

*Tables 18 through 23:* Show raw score to percentile conversions, by grade and sex, for each of the six ASVAB composites. Data contained in these tables are to be used for computation of individual student profiles on the blank bottom portion of the student/counselor printout of test results. Composite raw scores are computed simply from addition of the subtest scores that make up that composite (refer to Table 1).

*Tables 24 through 35:* Overall subtest raw score to percentile conversions for the total sample, minus 9th graders (N = 26,626).

*Tables 36 through 41:* Raw score to percentile conversions on the six ASVAB composite, computed on the total sample, minus 9th graders. *The data in these tables are those computed at the central DOD Test Scoring Facility to compute composite percentiles reported on the printout of student/counselor results.*

## V. INTERPRETATION

The ASVAB summary tables reported in this study are not self-interpreting, in that the manner in which a test score is reported to a student represents a descriptive rather than an absolute indicator of aptitude performance.

Percentile tables do indicate levels of achievement to known samples of students who constitute the representative normative population. As is the case with most large, nation-wide standardized test batteries, interpretation of ASVAB against locally developed and maintained test norms specific to individual schools is highly encouraged. It is at the local level that student test data can most effectively be compared against other career counseling aids, such as actual classroom performance, outside activities, and similar non-cognitive factors -- all of which are essential to the individual counseling and guidance process.

Occupational placement and vocational counseling are most validly accomplished on the basis of the results of several measurements in combination, rather than on the score from a single scale (or subtest). The underlying rationale is that most occupations or post-secondary training situations involve multiple combinations of aptitudes, interests and abilities; that is, they are factorially complex, involving the interaction of several types of learning and environmental experiences. It is also emphasized that the initial conceptualization in formulating ASVAB (Bayroff & Fuchs, 1970) assumed that optimum validity for the battery would be best achieved through combination of subtests into composites. For these reasons, it is the ASVAB composite that possesses maximum validity for student counseling; and, in turn, normative tables for the composites as computed in this study have the most useful basis for interpretation. It is the composite which is reported to the student on the ASVAB score



sheet; and the occupational/training groupings associated with each ASVAB composite on the reverse side of the score sheet are those areas where actual ASVAB validity data have been accumulated. Informed use of both sets of data, combined with specific occupational information as contained in the Military/Civilian Occupational Source Book or the Dictionary of Occupational Titles (DOT), constitutes a usable data basis for individual student career counseling.

As additional empirical norms become available for students tested during school year 1976-77, they will also be published as a supplemental technical research note to the ASVAB Counselor's Manual. These empirical norms, used in conjunction with the representative norms contained in this study, are intended to be used together to provide the broadest possible interpretative base for local ASVAB usage.

## BIBLIOGRAPHY

Bayroff, A.G., J. Fuchs, E.T., The Armed Services Vocational Aptitude Battery (Form 1). Technical Research Report 1611. Arlington, VA: February 1970.

Table 5. Means and Standard Deviations  
Parts 1-12 and Six Composites ASVAB-5 by Grade and Sex

| Part     | 9th          |              | 10th         |              | 11th         |              | 12th         |              | Mean<br>SD |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
|          | M            | F            | M            | F            | M            | F            | M            | F            |            |
| 1<br>GI  | 7.0<br>2.5   | 6.4<br>2.2   | 8.0<br>2.5   | 7.1<br>2.1   | 8.5<br>2.4   | 7.2<br>2.1   | 9.5<br>2.4   | 7.4<br>2.1   | Mean<br>SD |
| 2<br>NO  | 24.8<br>11.9 | 30.8<br>12.4 | 27.3<br>10.3 | 31.4<br>11.0 | 29.8<br>10.3 | 33.4<br>10.8 | 32.1<br>10.4 | 33.1<br>10.5 | Mean<br>SD |
| 3<br>AD  | 14.7<br>5.2  | 16.9<br>6.0  | 15.0<br>4.9  | 16.9<br>5.0  | 15.7<br>5.0  | 17.8<br>5.3  | 15.9<br>4.8  | 17.0<br>5.0  | Mean<br>SD |
| 4<br>WK  | 10.5<br>5.2  | 10.9<br>5.0  | 13.7<br>6.0  | 14.0<br>5.9  | 15.9<br>6.3  | 14.9<br>6.3  | 18.8<br>6.3  | 17.5<br>6.8  | Mean<br>SD |
| 5<br>AR  | 7.6<br>2.8   | 7.5<br>2.6   | 9.1<br>3.5   | 8.9<br>3.2   | 10.2<br>4.1  | 9.4<br>3.4   | 11.9<br>4.1  | 9.9<br>4.0   | Mean<br>SD |
| 6<br>SP  | 7.8<br>3.7   | 7.4<br>3.1   | 9.1<br>4.2   | 8.8<br>3.8   | 10.7<br>4.5  | 9.2<br>3.9   | 11.7<br>4.6  | 9.8<br>3.9   | Mean<br>SD |
| 7<br>MK  | 7.1<br>3.6   | 7.6<br>3.8   | 9.4<br>4.8   | 10.3<br>4.4  | 11.1<br>4.9  | 10.9<br>4.5  | 12.5<br>4.7  | 11.4<br>4.9  | Mean<br>SD |
| 8<br>EI  | 11.0<br>4.6  | 10.2<br>3.6  | 13.0<br>5.1  | 11.9<br>3.8  | 14.6<br>5.4  | 12.0<br>4.0  | 17.1<br>5.6  | 13.0<br>4.3  | Mean<br>SD |
| 9<br>MC  | 6.1<br>2.9   | 5.2<br>2.4   | 8.2<br>3.9   | 6.3<br>2.7   | 9.3<br>4.0   | 6.3<br>2.7   | 10.3<br>4.4  | 6.8<br>3.4   | Mean<br>SD |
| 10<br>GS | 6.8<br>3.2   | 7.0<br>2.8   | 8.7<br>3.7   | 8.5<br>3.2   | 9.6<br>4.0   | 8.5<br>3.2   | 11.1<br>4.1  | 9.5<br>3.5   | Mean<br>SD |
| 11<br>SI | 6.8<br>3.2   | 6.5<br>2.7   | 9.5<br>4.2   | 7.4<br>2.6   | 10.6<br>4.3  | 7.8<br>3.0   | 12.3<br>4.3  | 8.3<br>3.3   | Mean<br>SD |
| 12<br>AI | 5.3<br>3.1   | 4.5<br>2.3   | 6.7<br>3.6   | 5.1<br>2.2   | 7.6<br>3.8   | 5.1<br>2.4   | 9.3<br>4.6   | 5.1<br>2.6   | Mean<br>SD |
| C*<br>EL | 18.7<br>6.1  | 17.7<br>5.0  | 22.1<br>7.7  | 20.8<br>6.1  | 24.8<br>8.2  | 21.4<br>6.3  | 28.5<br>9.0  | 22.8<br>7.2  | Mean<br>SD |
| CO       | 21.6<br>7.1  | 20.1<br>5.9  | 26.4<br>9.4  | 23.9<br>7.5  | 30.1<br>10.4 | 24.8<br>8.1  | 33.7<br>11.1 | 26.5<br>9.2  | Mean<br>SD |

\*Composite

(Continued)

Table 5 (Continued)

| Part | 9th  |      | 10th |      | 11th |      | 12th |      |      |
|------|------|------|------|------|------|------|------|------|------|
|      | M    | F    | M    | F    | M    | F    | M    | F    |      |
| GT   | 18.2 | 18.3 | 22.8 | 22.9 | 26.1 | 24.3 | 30.5 | 27.4 | Mean |
|      | 6.9  | 6.6  | 8.6  | 8.1  | 9.2  | 8.5  | 9.2  | 9.7  | SD   |
| MM   | 18.5 | 17.3 | 24.2 | 21.7 | 28.0 | 22.3 | 32.1 | 23.3 | Mean |
|      | 7.4  | 6.0  | 10.5 | 6.9  | 10.6 | 7.4  | 11.1 | 8.7  | SD   |
| GM   | 22.8 | 21.3 | 27.8 | 25.1 | 31.6 | 26.4 | 35.7 | 27.9 | Mean |
|      | 7.5  | 6.2  | 9.6  | 7.2  | 10.2 | 8.0  | 10.5 | 8.5  | SD   |
| CL   | 50.0 | 58.4 | 56.0 | 62.4 | 61.8 | 66.4 | 66.8 | 67.6 | Mean |
|      | 17.1 | 17.0 | 15.5 | 16.1 | 16.5 | 17.0 | 16.6 | 17.2 | SD   |
|      | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 | N    |

Table 6. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

## Part 1 - General Information

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01           | 02   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 02           | 04   | 03   | 01   | 02   | 01   | 01   | 01   | 01   |
| 03           | 09   | 09   | 03   | 05   | 02   | 02   | 01   | 04   |
| 04           | 17   | 19   | 07   | 12   | 05   | 12   | 02   | 09   |
| 05           | 27   | 34   | 15   | 23   | 10   | 23   |      | 16   |
| 06           | 42   | 50   | 27   | 40   | 17   | 37   | 11   | 31   |
| 07           | 57   | 67   | 43   | 56   | 33   | 55   | 19   | 49   |
| 08           | 70   | 82   | 61   | 72   | 51   | 74   | 31   | 69   |
| 09           | 83   | 94   | 73   | 89   | 65   | 87   | 46   | 85   |
| 10           | 91   | 97   | 84   | 96   | 79   | 94   | 65   | 94   |
| 11           | 98   | 99   | 92   | 99   | 90   | 98   | 78   | 97   |
| 12           | 99   | 99   | 96   | 99   | 96   | 99   | 89   | 99   |
| 13           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 14           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 15           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 7. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

Part 2 - Numerical Operations

| Raw<br>Score | 9th |    | 10th |    | 11th |    | 12th |    |
|--------------|-----|----|------|----|------|----|------|----|
|              | M   | F  | M    | F  | M    | F  | M    | F  |
| 00           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 01           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 02           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 03           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 04           | 02  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 05           | 03  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 06           | 04  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 07           | 05  | 02 | 02   | 02 | 01   | 01 | 01   | 01 |
| 08           | 06  | 02 | 03   | 02 | 01   | 01 | 01   | 01 |
| 09           | 08  | 02 | 04   | 02 | 02   | 01 | 01   | 01 |
| 10           | 09  | 03 | 05   | 03 | 02   | 01 | 01   | 01 |
| 11           | 12  | 04 | 06   | 03 | 02   | 01 | 02   | 02 |
| 12           | 15  | 05 | 06   | 04 | 03   | 02 | 03   | 03 |
| 13           | 18  | 07 | 08   | 05 | 04   | 02 | 04   | 04 |
| 14           | 20  | 09 | 09   | 06 | 05   | 03 | 05   | 04 |
| 15           | 23  | 11 | 11   | 06 | 07   | 04 | 06   | 05 |
| 16           | 26  | 14 | 14   | 09 | 10   | 05 | 07   | 06 |
| 17           | 29  | 16 | 17   | 10 | 13   | 07 | 08   | 07 |
| 18           | 33  | 18 | 20   | 11 | 16   | 08 | 09   | 08 |
| 19           | 38  | 21 | 23   | 12 | 17   | 10 | 11   | 10 |
| 20           | 40  | 25 | 27   | 14 | 19   | 12 | 13   | 12 |
| 21           | 45  | 27 | 29   | 17 | 23   | 16 | 16   | 14 |
| 22           | 49  | 29 | 32   | 22 | 27   | 20 | 19   | 16 |
| 23           | 53  | 32 | 36   | 25 | 29   | 22 | 21   | 18 |
| 24           | 56  | 34 | 41   | 30 | 32   | 22 | 26   | 23 |
| 25           | 59  | 37 | 46   | 32 | 35   | 25 | 29   | 28 |
| 26           | 61  | 41 | 51   | 36 | 38   | 29 | 32   | 30 |
| 27           | 64  | 43 | 53   | 40 | 43   | 31 | 34   | 32 |
| 28           | 67  | 47 | 56   | 44 | 47   | 33 | 37   | 34 |
| 29           | 70  | 50 | 60   | 46 | 52   | 39 | 41   | 39 |
| 30           | 73  | 54 | 66   | 49 | 56   | 43 | 47   | 43 |

(Continued)

Table 7 (Continued)

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    |      | F    | M    |      | M    | F    |
| 31           | 75   | 56   | 68   | 53   | 60   | 46   | 51   | 46   |
| 32           | 76   | 58   | 71   | 57   | 63   | 52   | 53   | 49   |
| 33           | 77   | 60   | 74   | 60   | 68   | 54   | 56   | 52   |
| 34           | 79   | 63   | 79   | 62   | 70   | 57   | 59   | 54   |
| 35           | 80   | 65   | 81   | 65   | 73   | 59   | 63   | 59   |
| 36           | 81   | 66   | 83   | 68   | 75   | 61   | 67   | 61   |
| 37           | 81   | 68   | 84   | 70   | 76   | 63   | 71   | 64   |
| 38           | 83   | 69   | 86   | 71   | 77   | 65   | 73   | 68   |
| 39           | 84   | 70   | 87   | 74   | 78   | 66   | 76   | 69   |
| 40           | 85   | 71   | 88   | 75   | 79   | 68   | 77   | 71   |
| 41           | 86   | 72   | 89   | 76   | 81   | 70   | 79   | 74   |
| 42           | 87   | 74   | 90   | 79   | 84   | 71   | 81   | 76   |
| 43           | 87   | 75   | 91   | 82   | 86   | 74   | 82   | 78   |
| 44           | 89   | 76   | 92   | 83   | 88   | 76   | 83   | 81   |
| 45           | 92   | 78   | 92   | 85   | 90   | 80   | 86   | 84   |
| 46           | 94   | 82   | 94   | 87   | 93   | 83   | 87   | 86   |
| 47           | 95   | 87   | 95   | 89   | 95   | 87   | 89   | 89   |
| 48           | 97   | 91   | 97   | 93   | 97   | 91   | 92   | 95   |
| 49           | 99   | 96   | 98   | 97   | 99   | 95   | 96   | 97   |
| 50           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 8. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

## Part 3 - Attention to Detail

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 02           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 03           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 04           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 05           | 02   | 01   | 02   | 01   | 02   | 01   | 01   | 01   |
| 06           | 03   | 02   | 02   | 01   | 03   | 01   | 01   | 01   |
| 07           | 06   | 04   | 03   | 01   | 04   | 02   | 02   | 01   |
| 08           | 09   | 06   | 08   | 03   | 05   | 02   | 04   | 03   |
| 09           | 15   | 09   | 11   | 05   | 09   | 04   | 05   | 04   |
| 10           | 19   | 15   | 17   | 08   | 13   | 06   | 08   | 06   |
| 11           | 29   | 19   | 24   | 13   | 18   | 09   | 15   | 11   |
| 12           | 38   | 24   | 29   | 18   | 25   | 13   | 23   | 17   |
| 13           | 45   | 30   | 38   | 26   | 35   | 20   | 31   | 24   |
| 14           | 51   | 40   | 51   | 34   | 43   | 28   | 43   | 35   |
| 15           | 61   | 48   | 59   | 42   | 52   | 35   | 54   | 41   |
| 16           | 70   | 55   | 67   | 51   | 61   | 45   | 61   | 52   |
| 17           | 75   | 61   | 71   | 59   | 68   | 54   | 69   | 62   |
| 18           | 81   | 66   | 78   | 67   | 73   | 62   | 76   | 68   |
| 19           | 83   | 71   | 83   | 74   | 79   | 68   | 80   | 73   |
| 20           | 86   | 74   | 87   | 77   | 84   | 72   | 84   | 79   |
| 21           | 88   | 77   | 91   | 81   | 87   | 75   | 87   | 82   |
| 22           | 91   | 78   | 93   | 85   | 90   | 80   | 90   | 86   |
| 23           | 93   | 81   | 94   | 88   | 92   | 83   | 92   | 88   |
| 24           | 95   | 85   | 95   | 90   | 94   | 87   | 94   | 90   |
| 25           | 95   | 88   | 96   | 93   | 96   | 89   | 95   | 92   |
| 26           | 96   | 91   | 98   | 95   | 97   | 91   | 96   | 94   |
| 27           | 98   | 94   | 98   | 97   | 98   | 94   | 97   | 96   |
| 28           | 99   | 96   | 99   | 99   | 99   | 97   | 98   | 98   |
| 29           | 99   | 98   | 99   | 99   | 99   | 99   | 99   | 99   |
| 30           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |



Table 9. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

## Part 4 - Word Knowledge

| Raw Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|-----------|------|------|------|------|------|------|------|------|
|           | M    | F    | M    | F    | M    | F    | M    | F    |
| 00        | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01        | 02   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 02        | 03   | 02   | 01   | 01   | 01   | 01   | 01   | 01   |
| 03        | 05   | 04   | 03   | 01   | 01   | 01   | 01   | 01   |
| 04        | 08   | 07   | 05   | 02   | 01   | 03   | 01   | 02   |
| 05        | 17   | 12   | 07   | 04   | 03   | 03   | 02   | 03   |
| 06        | 23   | 21   | 10   | 07   | 06   | 07   | 04   | 06   |
| 07        | 28   | 27   | 14   | 12   | 10   | 10   | 05   | 08   |
| 08        | 38   | 36   | 19   | 18   | 14   | 14   | 07   | 12   |
| 09        | 50   | 43   | 27   | 25   | 18   | 19   | 09   | 16   |
| 10        | 57   | 49   | 33   | 34   | 22   | 27   | 10   | 20   |
| 11        | 64   | 60   | 41   | 38   | 29   | 36   | 15   | 24   |
| 12        | 70   | 67   | 46   | 45   | 35   | 42   | 21   | 28   |
| 13        | 75   | 73   | 55   | 53   | 40   | 46   | 23   | 30   |
| 14        | 79   | 78   | 59   | 58   | 45   | 53   | 26   | 33   |
| 15        | 82   | 83   | 63   | 64   | 50   | 57   | 29   | 36   |
| 16        | 87   | 87   | 68   | 69   | 55   | 64   | 33   | 41   |
| 17        | 89   | 89   | 73   | 72   | 59   | 68   | 40   | 47   |
| 18        | 91   | 91   | 79   | 77   | 65   | 73   | 46   | 52   |
| 19        | 92   | 93   | 84   | 81   | 71   | 76   | 50   | 56   |
| 20        | 95   | 96   | 86   | 85   | 75   | 80   | 55   | 63   |
| 21        | 96   | 97   | 88   | 88   | 78   | 83   | 63   | 68   |
| 22        | 98   | 98   | 91   | 89   | 80   | 85   | 68   | 73   |
| 23        | 99   | 98   | 93   | 91   | 86   | 88   | 73   | 79   |
| 24        | 99   | 99   | 95   | 93   | 90   | 91   | 79   | 83   |
| 25        | 99   | 99   | 96   | 95   | 93   | 93   | 85   | 87   |
| 26        | 99   | 99   | 98   | 97   | 95   | 95   | 89   | 91   |
| 27        | 99   | 99   | 98   | 98   | 97   | 97   | 93   | 95   |
| 28        | 99   | 99   | 99   | 99   | 98   | 98   | 96   | 97   |
| 29        | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 99   |
| 30        | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N         | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 10. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

Part 5 - Arithmetic Reasoning

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 02           | 02   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 03           | 04   | 02   | 01   | 01   | 01   | 01   | 01   | 03   |
| 04           | 11   | 09   | 04   | 05   | 05   | 03   | 03   | 07   |
| 05           | 21   | 21   | 11   | 11   | 10   | 10   | 05   | 13   |
| 06           | 34   | 38   | 25   | 21   | 18   | 22   | 09   | 20   |
| 07           | 50   | 54   | 37   | 38   | 30   | 34   | 16   | 30   |
| 08           | 65   | 72   | 52   | 50   | 40   | 48   | 22   | 38   |
| 09           | 78   | 83   | 64   | 65   | 50   | 57   | 31   | 51   |
| 10           | 88   | 89   | 73   | 76   | 60   | 68   | 42   | 62   |
| 11           | 92   | 92   | 78   | 82   | 68   | 75   | 49   | 70   |
| 12           | 94   | 94   | 82   | 88   | 73   | 81   | 59   | 75   |
| 13           | 98   | 98   | 89   | 92   | 78   | 85   | 66   | 82   |
| 14           | 98   | 99   | 91   | 93   | 82   | 91   | 72   | 85   |
| 15           | 99   | 99   | 93   | 95   | 87   | 94   | 78   | 90   |
| 16           | 99   | 99   | 94   | 96   | 91   | 97   | 84   | 93   |
| 17           | 99   | 99   | 96   | 97   | 94   | 98   | 88   | 95   |
| 18           | 99   | 99   | 98   | 99   | 96   | 99   | 93   | 97   |
| 19           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 98   |
| 20           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 11. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

| Part 6 - Space Perception |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|
| Raw<br>Score              | 9th  |      | 10th |      | 11th |      | 12th |      |
|                           | M    | F    | M    | F    | M    | F    | M    | F    |
| 00                        | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01                        | 02   | 02   | 01   | 01   | 01   | 01   | 01   | 01   |
| 02                        | 03   | 05   | 02   | 01   | 01   | 02   | 02   | 02   |
| 03                        | 07   | 08   | 07   | 04   | 04   | 04   | 03   | 04   |
| 04                        | 16   | 15   | 12   | 11   | 08   | 08   | 07   | 07   |
| 05                        | 29   | 27   | 20   | 21   | 12   | 18   | 11   | 10   |
| 06                        | 39   | 41   | 29   | 31   | 21   | 29   | 15   | 21   |
| 07                        | 50   | 55   | 38   | 44   | 29   | 40   | 19   | 33   |
| 08                        | 65   | 67   | 48   | 53   | 36   | 50   | 27   | 43   |
| 09                        | 74   | 78   | 59   | 62   | 43   | 57   | 33   | 53   |
| 10                        | 81   | 84   | 68   | 71   | 52   | 64   | 40   | 61   |
| 11                        | 86   | 91   | 74   | 79   | 59   | 71   | 46   | 68   |
| 12                        | 91   | 95   | 80   | 85   | 66   | 81   | 55   | 74   |
| 13                        | 92   | 96   | 85   | 88   | 71   | 85   | 62   | 79   |
| 14                        | 94   | 98   | 88   | 91   | 77   | 89   | 69   | 85   |
| 15                        | 95   | 98   | 90   | 94   | 82   | 93   | 77   | 91   |
| 16                        | 96   | 99   | 93   | 95   | 88   | 95   | 82   | 95   |
| 17                        | 97   | 99   | 95   | 96   | 92   | 97   | 87   | 98   |
| 18                        | 99   | 99   | 98   | 98   | 94   | 99   | 92   | 99   |
| 19                        | 99   | 99   | 99   | 99   | 98   | 99   | 97   | 99   |
| 20                        | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N                         | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 12. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

Part 7 - Mathematics Knowledge

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 02   | 02   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01           | 03   | 03   | 01   | 01   | 01   | 01   | 01   | 01   |
| 02           | 08   | 08   | 03   | 01   | 02   | 02   | 01   | 02   |
| 03           | 15   | 13   | 08   | 04   | 03   | 03   | 02   | 05   |
| 04           | 24   | 19   | 14   | 09   | 08   | 06   | 06   | 09   |
| 05           | 35   | 30   | 26   | 14   | 15   | 13   | 08   | 14   |
| 06           | 50   | 43   | 37   | 21   | 22   | 21   | 11   | 20   |
| 07           | 61   | 54   | 44   | 30   | 30   | 26   | 19   | 26   |
| 08           | 69   | 63   | 51   | 30   | 36   | 33   | 23   | 33   |
| 09           | 76   | 73   | 55   | 48   | 42   | 39   | 30   | 38   |
| 10           | 83   | 79   | 62   | 57   | 47   | 49   | 37   | 42   |
| 11           | 87   | 85   | 67   | 61   | 52   | 55   | 43   | 48   |
| 12           | 91   | 89   | 72   | 69   | 60   | 62   | 48   | 57   |
| 13           | 94   | 93   | 76   | 73   | 64   | 69   | 54   | 63   |
| 14           | 96   | 95   | 82   | 78   | 71   | 77   | 62   | 68   |
| 15           | 98   | 96   | 86   | 83   | 77   | 82   | 69   | 75   |
| 16           | 99   | 98   | 91   | 90   | 82   | 87   | 75   | 82   |
| 17           | 99   | 99   | 93   | 95   | 87   | 91   | 81   | 88   |
| 18           | 99   | 99   | 96   | 98   | 92   | 95   | 87   | 93   |
| 19           | 99   | 99   | 98   | 99   | 98   | 99   | 93   | 98   |
| 20           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 13. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

Part 8 - Electronics Information

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 01   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01           | 02   | 02   | 01   | 01   | 01   | 01   | 01   | 01   |
| 02           | 02   | 02   | 01   | 01   | 01   | 01   | 01   | 01   |
| 03           | 03   | 04   | 01   | 01   | 01   | 01   | 01   | 02   |
| 04           | 05   | 05   | 02   | 01   | 01   | 02   | 01   | 02   |
| 05           | 07   | 08   | 04   | 03   | 01   | 04   | 02   | 03   |
| 06           | 14   | 12   | 07   | 06   | 03   | 08   | 02   | 04   |
| 07           | 20   | 19   | 12   | 10   | 09   | 12   | 05   | 09   |
| 08           | 29   | 31   | 18   | 17   | 12   | 17   | 06   | 13   |
| 09           | 41   | 42   | 26   | 25   | 15   | 24   | 08   | 20   |
| 10           | 50   | 53   | 37   | 36   | 21   | 37   | 12   | 29   |
| 11           | 60   | 64   | 44   | 47   | 32   | 46   | 16   | 36   |
| 12           | 68   | 76   | 52   | 61   | 42   | 60   | 20   | 46   |
| 13           | 74   | 84   | 59   | 72   | 48   | 67   | 27   | 58   |
| 14           | 81   | 90   | 66   | 77   | 55   | 77   | 35   | 66   |
| 15           | 84   | 93   | 70   | 85   | 60   | 82   | 43   | 74   |
| 16           | 88   | 96   | 76   | 89   | 67   | 87   | 50   | 81   |
| 17           | 92   | 98   | 81   | 92   | 73   | 91   | 55   | 85   |
| 18           | 94   | 99   | 84   | 94   | 76   | 94   | 60   | 89   |
| 19           | 94   | 99   | 88   | 96   | 80   | 96   | 66   | 93   |
| 20           | 97   | 99   | 90   | 98   | 85   | 97   | 70   | 96   |
| 21           | 98   | 99   | 93   | 99   | 88   | 98   | 76   | 97   |
| 22           | 98   | 99   | 94   | 99   | 90   | 99   | 81   | 99   |
| 23           | 99   | 99   | 97   | 99   | 92   | 99   | 84   | 99   |
| 24           | 99   | 99   | 98   | 99   | 94   | 99   | 89   | 99   |
| 25           | 99   | 99   | 99   | 99   | 96   | 99   | 92   | 99   |
| 26           | 99   | 99   | 99   | 99   | 98   | 99   | 95   | 99   |
| 27           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 28           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 29           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 30           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 14. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

Part 9 - Mechanical Comprehension

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 01   | 02   | 01   | 01   | 01   | 01   | 01   | 02   |
| 01           | 02   | 05   | 01   | 02   | 01   | 01   | 01   | 04   |
| 02           | 06   | 11   | 03   | 06   | 01   | 06   | 02   | 09   |
| 03           | 17   | 23   | 08   | 14   | 03   | 15   | 06   | 15   |
| 04           | 29   | 38   | 16   | 26   | 10   | 27   | 09   | 23   |
| 05           | 48   | 56   | 25   | 43   | 18   | 41   | 14   | 36   |
| 06           | 62   | 72   | 37   | 59   | 27   | 56   | 22   | 51   |
| 07           | 74   | 83   | 50   | 70   | 38   | 72   | 31   | 63   |
| 08           | 82   | 93   | 61   | 82   | 49   | 84   | 39   | 73   |
| 09           | 88   | 95   | 70   | 89   | 60   | 89   | 49   | 83   |
| 10           | 93   | 99   | 78   | 93   | 66   | 93   | 55   | 87   |
| 11           | 96   | 99   | 81   | 95   | 72   | 96   | 61   | 91   |
| 12           | 97   | 99   | 84   | 97   | 77   | 97   | 68   | 93   |
| 13           | 98   | 99   | 89   | 99   | 82   | 98   | 73   | 95   |
| 14           | 98   | 99   | 91   | 99   | 87   | 99   | 79   | 96   |
| 15           | 99   | 99   | 94   | 99   | 91   | 99   | 85   | 98   |
| 16           | 99   | 99   | 96   | 99   | 94   | 99   | 89   | 99   |
| 17           | 99   | 99   | 98   | 99   | 96   | 99   | 94   | 99   |
| 18           | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 99   |
| 19           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 20           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 15. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

## Part 10 - General Science

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 02   | 01   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01           | 04   | 02   | 01   | 01   | 02   | 01   | 01   | 01   |
| 02           | 07   | 05   | 02   | 02   | 04   | 02   | 01   | 02   |
| 03           | 14   | 09   | 07   | 03   | 05   | 05   | 03   | 04   |
| 04           | 25   | 14   | 14   | 05   | 09   | 10   | 05   | 07   |
| 05           | 34   | 23   | 22   | 17   | 16   | 18   | 10   | 11   |
| 06           | 47   | 15   | 31   | 26   | 24   | 30   | 14   | 21   |
| 07           | 61   | 28   | 38   | 40   | 33   | 40   | 19   | 28   |
| 08           | 74   | 41   | 50   | 54   | 42   | 52   | 27   | 41   |
| 09           | 83   | 52   | 59   | 61   | 53   | 64   | 38   | 51   |
| 10           | 88   | 59   | 71   | 71   | 61   | 73   | 45   | 60   |
| 11           | 92   | 63   | 80   | 75   | 67   | 81   | 55   | 68   |
| 12           | 95   | 67   | 86   | 89   | 73   | 88   | 63   | 79   |
| 13           | 97   | 68   | 89   | 91   | 80   | 94   | 72   | 87   |
| 14           | 98   | 69   | 94   | 94   | 87   | 96   | 78   | 92   |
| 15           | 99   | 70   | 95   | 97   | 93   | 98   | 85   | 95   |
| 16           | 99   | 71   | 97   | 98   | 95   | 99   | 90   | 98   |
| 17           | 99   | 72   | 98   | 99   | 98   | 99   | 92   | 99   |
| 18           | 99   | 73   | 99   | 99   | 99   | 99   | 97   | 99   |
| 19           | 99   | 74   | 99   | 99   | 99   | 99   | 99   | 99   |
| 20           | 99   | 75   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 16. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

Part 11 - Shop Information

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 02   | 02   | 01   | 01   | 01   | 01   | 01   | 01   |
| 01           | 04   | 05   | 02   | 01   | 02   | 01   | 01   | 02   |
| 02           | 07   | 07   | 04   | 02   | 03   | 04   | 02   | 04   |
| 03           | 14   | 15   | 07   | 07   | 05   | 09   | 04   | 07   |
| 04           | 25   | 25   | 12   | 14   | 08   | 13   | 06   | 14   |
| 05           | 34   | 35   | 18   | 25   | 12   | 22   | 07   | 20   |
| 06           | 47   | 50   | 25   | 36   | 17   | 32   | 09   | 29   |
| 07           | 61   | 61   | 34   | 50   | 23   | 47   | 14   | 39   |
| 08           | 74   | 77   | 42   | 66   | 31   | 62   | 19   | 52   |
| 09           | 83   | 85   | 50   | 79   | 39   | 72   | 24   | 64   |
| 10           | 88   | 94   | 60   | 89   | 50   | 83   | 31   | 74   |
| 11           | 92   | 96   | 71   | 95   | 58   | 91   | 42   | 85   |
| 12           | 95   | 98   | 76   | 98   | 65   | 94   | 51   | 91   |
| 13           | 97   | 99   | 81   | 99   | 74   | 97   | 59   | 96   |
| 14           | 98   | 99   | 87   | 99   | 81   | 98   | 66   | 97   |
| 15           | 99   | 99   | 91   | 99   | 86   | 99   | 74   | 98   |
| 16           | 99   | 99   | 94   | 99   | 91   | 99   | 82   | 99   |
| 17           | 99   | 99   | 96   | 99   | 94   | 99   | 88   | 99   |
| 18           | 99   | 99   | 99   | 99   | 97   | 99   | 92   | 99   |
| 19           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 20           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |



Table 17. ASVA-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

## Part 12 - Automotive Information

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 00           | 04   | 04   | 02   | 01   | 02   | 02   | 01   | 04   |
| 01           | 09   | 10   | 05   | 03   | 04   | 08   | 02   | 09   |
| 02           | 18   | 19   | 08   | 10   | 06   | 13   | 05   | 18   |
| 03           | 27   | 33   | 16   | 24   | 12   | 23   | 08   | 27   |
| 04           | 39   | 50   | 31   | 42   | 22   | 38   | 17   | 41   |
| 05           | 55   | 68   | 41   | 59   | 31   | 58   | 21   | 56   |
| 06           | 71   | 82   | 54   | 75   | 41   | 73   | 30   | 72   |
| 07           | 84   | 91   | 66   | 86   | 57   | 84   | 37   | 82   |
| 08           | 89   | 96   | 73   | 94   | 65   | 93   | 44   | 92   |
| 09           | 92   | 98   | 80   | 98   | 73   | 98   | 52   | 97   |
| 10           | 95   | 99   | 85   | 99   | 82   | 99   | 60   | 98   |
| 11           | 96   | 99   | 88   | 99   | 85   | 99   | 69   | 99   |
| 12           | 97   | 99   | 93   | 99   | 88   | 99   | 75   | 99   |
| 13           | 98   | 99   | 96   | 99   | 92   | 99   | 81   | 99   |
| 14           | 98   | 99   | 97   | 99   | 95   | 99   | 86   | 99   |
| 15           | 99   | 99   | 98   | 99   | 96   | 99   | 88   | 99   |
| 16           | 99   | 99   | 98   | 99   | 97   | 99   | 91   | 99   |
| 17           | 99   | 99   | 99   | 99   | 98   | 99   | 94   | 99   |
| 18           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 19           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 20           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 18. ASVAB Conversion Table.  
Raw Scores to Percentiles (N = 35,291)

| Raw Score | 9th |    | 10th |    | 11th |    | 12th |    |
|-----------|-----|----|------|----|------|----|------|----|
|           | M   | F  | M    | F  | M    | F  | M    | F  |
| 00        | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 01        | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 02        | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 03        | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 04        | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 05        | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 06        | 02  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 07        | 02  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 08        | 03  | 03 | 01   | 01 | 01   | 01 | 01   | 01 |
| 09        | 03  | 04 | 01   | 01 | 01   | 01 | 01   | 01 |
| 10        | 06  | 05 | 02   | 01 | 01   | 02 | 02   | 02 |
| 11        | 08  | 07 | 05   | 03 | 01   | 04 | 02   | 03 |
| 12        | 12  | 10 | 07   | 05 | 03   | 07 | 03   | 05 |
| 13        | 15  | 16 | 09   | 08 | 04   | 10 | 05   | 08 |
| 14        | 23  | 24 | 14   | 13 | 08   | 13 | 07   | 11 |
| 15        | 33  | 32 | 20   | 18 | 11   | 16 | 08   | 14 |
| 16        | 39  | 41 | 24   | 23 | 14   | 20 | 09   | 20 |
| 17        | 45  | 53 | 30   | 29 | 17   | 27 | 11   | 24 |
| 18        | 55  | 62 | 38   | 38 | 22   | 35 | 13   | 28 |
| 19        | 63  | 70 | 44   | 48 | 31   | 42 | 15   | 34 |
| 20        | 67  | 75 | 49   | 54 | 38   | 49 | 18   | 41 |
| 21        | 71  | 81 | 52   | 61 | 42   | 55 | 21   | 45 |
| 22        | 76  | 86 | 57   | 66 | 47   | 62 | 25   | 52 |
| 23        | 82  | 89 | 64   | 71 | 52   | 67 | 32   | 56 |
| 24        | 86  | 91 | 70   | 77 | 57   | 72 | 36   | 62 |
| 25        | 88  | 93 | 75   | 83 | 61   | 77 | 40   | 68 |
| 26        | 89  | 95 | 76   | 86 | 64   | 80 | 43   | 73 |
| 27        | 92  | 97 | 78   | 88 | 68   | 85 | 48   | 76 |
| 28        | 94  | 98 | 80   | 91 | 71   | 88 | 52   | 79 |
| 29        | 94  | 99 | 83   | 93 | 73   | 89 | 56   | 84 |
| 30        | 96  | 99 | 85   | 94 | 75   | 91 | 61   | 85 |

(Continued)

Table 18 (Continued)

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 31           | 96   | 99   | 86   | 94   | 77   | 92   | 65   | 88   |
| 32           | 96   | 99   | 88   | 95   | 79   | 94   | 68   | 90   |
| 33           | 98   | 99   | 89   | 96   | 81   | 95   | 71   | 92   |
| 34           | 98   | 99   | 91   | 96   | 83   | 97   | 73   | 94   |
| 35           | 99   | 99   | 93   | 97   | 87   | 97   | 76   | 95   |
| 36           | 99   | 99   | 95   | 97   | 89   | 97   | 79   | 96   |
| 37           | 99   | 99   | 96   | 98   | 90   | 98   | 83   | 96   |
| 38           | 99   | 99   | 97   | 98   | 91   | 99   | 86   | 97   |
| 39           | 99   | 99   | 97   | 99   | 93   | 99   | 88   | 98   |
| 40           | 99   | 99   | 98   | 99   | 95   | 99   | 89   | 99   |
| 41           | 99   | 99   | 98   | 99   | 97   | 99   | 91   | 99   |
| 42           | 99   | 99   | 99   | 99   | 99   | 99   | 93   | 99   |
| 43           | 99   | 99   | 99   | 99   | 99   | 99   | 94   | 99   |
| 44           | 99   | 99   | 99   | 99   | 99   | 99   | 95   | 99   |
| 45           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 46           | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 99   |
| 47           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 48           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 49           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 50           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 19. ASWAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

| Composite - Communications |     |    |      |    |      |    |      |    |    |
|----------------------------|-----|----|------|----|------|----|------|----|----|
| Raw<br>Score               | 9th |    | 10th |    | 11th |    | 12th |    |    |
|                            | M   | F  | M    | F  | M    | F  | M    | F  |    |
| 00                         | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 01                         | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 02                         | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 03                         | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 04                         | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 05                         | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 06                         | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 07                         | 01  | 02 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 08                         | 01  | 02 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 09                         | 02  | 02 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 10                         | 03  | 03 | 01   | 01 | 01   | 01 | 01   | 01 | 01 |
| 11                         | 04  | 04 | 01   | 01 | 01   | 01 | 01   | 01 | 02 |
| 12                         | 06  | 06 | 01   | 03 | 01   | 01 | 02   | 02 | 03 |
| 13                         | 08  | 08 | 02   | 05 | 01   | 03 | 02   | 02 | 05 |
| 14                         | 11  | 11 | 04   | 06 | 02   | 06 | 03   | 03 | 07 |
| 15                         | 14  | 19 | 09   | 09 | 04   | 10 | 04   | 04 | 08 |
| 16                         | 20  | 24 | 14   | 13 | 07   | 14 | 06   | 06 | 10 |
| 17                         | 28  | 32 | 17   | 16 | 09   | 16 | 07   | 07 | 14 |
| 18                         | 37  | 39 | 20   | 20 | 12   | 22 | 08   | 08 | 17 |
| 19                         | 45  | 49 | 25   | 27 | 17   | 29 | 09   | 09 | 24 |
| 20                         | 52  | 57 | 29   | 34 | 20   | 35 | 12   | 12 | 28 |
| 21                         | 58  | 66 | 36   | 43 | 24   | 41 | 16   | 16 | 33 |
| 22                         | 62  | 72 | 39   | 50 | 28   | 48 | 18   | 18 | 39 |
| 23                         | 66  | 76 | 43   | 57 | 32   | 57 | 20   | 20 | 45 |
| 24                         | 70  | 81 | 49   | 61 | 34   | 63 | 23   | 23 | 47 |
| 25                         | 74  | 85 | 56   | 66 | 37   | 61 | 26   | 26 | 53 |
| 26                         | 79  | 88 | 61   | 72 | 43   | 64 | 28   | 28 | 58 |
| 27                         | 83  | 91 | 64   | 75 | 50   | 68 | 31   | 31 | 61 |
| 28                         | 87  | 92 | 67   | 79 | 52   | 71 | 33   | 33 | 64 |
| 29                         | 89  | 95 | 70   | 82 | 55   | 74 | 37   | 37 | 68 |
| 30                         | 91  | 96 | 73   | 85 | 58   | 78 | 41   | 41 | 73 |

(Continued)

Table 19 (Continued)

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 31           | 92   | 97   | 75   | 87   | 60   | 81   | 46   | 75   |
| 32           | 92   | 98   | 77   | 88   | 62   | 83   | 50   | 78   |
| 33           | 94   | 98   | 79   | 89   | 64   | 85   | 52   | 80   |
| 34           | 94   | 98   | 81   | 91   | 66   | 86   | 57   | 82   |
| 35           | 95   | 99   | 82   | 92   | 69   | 87   | 59   | 83   |
| 36           | 96   | 99   | 83   | 92   | 72   | 88   | 61   | 85   |
| 37           | 97   | 99   | 84   | 93   | 76   | 91   | 62   | 87   |
| 38           | 97   | 99   | 86   | 94   | 79   | 93   | 65   | 88   |
| 39           | 98   | 99   | 88   | 94   | 81   | 94   | 68   | 89   |
| 40           | 98   | 99   | 89   | 96   | 82   | 95   | 71   | 91   |
| 41           | 99   | 99   | 90   | 97   | 83   | 97   | 73   | 92   |
| 42           | 99   | 99   | 91   | 98   | 85   | 97   | 76   | 93   |
| 43           | 99   | 99   | 93   | 98   | 87   | 98   | 77   | 94   |
| 44           | 99   | 99   | 94   | 99   | 88   | 98   | 80   | 95   |
| 45           | 99   | 99   | 95   | 99   | 90   | 99   | 82   | 96   |
| 46           | 99   | 99   | 96   | 99   | 91   | 99   | 84   | 96   |
| 47           | 99   | 99   | 97   | 99   | 93   | 99   | 86   | 97   |
| 48           | 99   | 99   | 98   | 99   | 94   | 99   | 88   | 97   |
| 49           | 99   | 99   | 98   | 99   | 95   | 99   | 90   | 98   |
| 50           | 99   | 99   | 99   | 99   | 96   | 99   | 94   | 98   |
| 51           | 99   | 99   | 99   | 99   | 97   | 99   | 94   | 99   |
| 52           | 99   | 99   | 99   | 99   | 98   | 99   | 95   | 99   |
| 53           | 99   | 99   | 99   | 99   | 98   | 99   | 96   | 99   |
| 54           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 55           | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 99   |
| 56           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 57           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 58           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 59           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 60           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4300 |

Table 20. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

| Composite - General/Technical |     |    |      |    |      |    |      |    |
|-------------------------------|-----|----|------|----|------|----|------|----|
| Raw Score.                    | 9th |    | 10th |    | 11th |    | 12th |    |
|                               | M   | F  | M    | F  | M    | F  | M    | F  |
| 00                            | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 01                            | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 02                            | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 03                            | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 04                            | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 05                            | 02  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 06                            | 02  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 07                            | 03  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 08                            | 04  | 03 | 01   | 01 | 01   | 01 | 01   | 01 |
| 09                            | 07  | 05 | 02   | 01 | 01   | 02 | 01   | 01 |
| 10                            | 10  | 08 | 03   | 01 | 01   | 03 | 01   | 01 |
| 11                            | 13  | 12 | 06   | 04 | 01   | 05 | 01   | 02 |
| 12                            | 18  | 17 | 08   | 07 | 03   | 06 | 01   | 05 |
| 13                            | 26  | 22 | 11   | 10 | 05   | 07 | 02   | 07 |
| 14                            | 33  | 29 | 14   | 14 | 09   | 09 | 03   | 10 |
| 15                            | 39  | 38 | 20   | 17 | 13   | 11 | 05   | 13 |
| 16                            | 45  | 44 | 24   | 23 | 16   | 17 | 08   | 16 |
| 17                            | 51  | 51 | 29   | 29 | 21   | 22 | 11   | 18 |
| 18                            | 59  | 56 | 38   | 33 | 25   | 29 | 13   | 23 |
| 19                            | 66  | 63 | 44   | 38 | 30   | 34 | 14   | 25 |
| 20                            | 73  | 69 | 48   | 44 | 33   | 38 | 16   | 29 |
| 21                            | 75  | 74 | 53   | 50 | 38   | 44 | 20   | 32 |
| 22                            | 77  | 77 | 56   | 55 | 41   | 49 | 23   | 33 |
| 23                            | 80  | 82 | 60   | 59 | 45   | 54 | 26   | 37 |
| 24                            | 83  | 85 | 64   | 65 | 49   | 57 | 28   | 42 |
| 25                            | 84  | 88 | 66   | 69 | 53   | 59 | 31   | 43 |
| 26                            | 87  | 91 | 69   | 72 | 57   | 63 | 34   | 45 |
| 27                            | 88  | 92 | 74   | 75 | 59   | 67 | 38   | 49 |
| 28                            | 90  | 92 | 76   | 77 | 61   | 71 | 40   | 53 |
| 29                            | 91  | 93 | 78   | 80 | 63   | 74 | 43   | 58 |
| 30                            | 94  | 93 | 80   | 82 | 65   | 77 | 46   | 62 |

(Continued)

Table 20 (Continued)

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 31           | 95   | 95   | 83   | 84   | 69   | 80   | 51   | 66   |
| 32           | 96   | 96   | 85   | 86   | 72   | 82   | 55   | 69   |
| 33           | 97   | 97   | 87   | 89   | 76   | 84   | 60   | 74   |
| 34           | 97   | 97   | 88   | 90   | 79   | 86   | 65   | 76   |
| 35           | 99   | 98   | 90   | 92   | 81   | 88   | 69   | 78   |
| 36           | 99   | 98   | 92   | 93   | 83   | 89   | 73   | 81   |
| 37           | 99   | 99   | 93   | 94   | 86   | 91   | 76   | 83   |
| 38           | 99   | 99   | 95   | 95   | 87   | 93   | 78   | 86   |
| 39           | 99   | 99   | 95   | 95   | 89   | 95   | 80   | 88   |
| 40           | 99   | 99   | 96   | 96   | 91   | 96   | 84   | 90   |
| 41           | 99   | 99   | 97   | 96   | 93   | 97   | 87   | 92   |
| 42           | 99   | 99   | 97   | 97   | 95   | 98   | 89   | 93   |
| 43           | 99   | 99   | 98   | 98   | 97   | 98   | 92   | 94   |
| 44           | 99   | 99   | 99   | 99   | 98   | 99   | 93   | 95   |
| 45           | 99   | 99   | 99   | 99   | 99   | 99   | 96   | 96   |
| 46           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 97   |
| 47           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 48           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 49           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 50           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 21. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

| Composite - Motor/Mechanical |     |    |      |    |      |    |      |    |
|------------------------------|-----|----|------|----|------|----|------|----|
| Raw<br>Score                 | 9th |    | 10th |    | 11th |    | 12th |    |
|                              | M   | F  | M    | F  | M    | F  | M    | F  |
| 00                           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 01                           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 02                           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 03                           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 04                           | 01  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 05                           | 02  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 06                           | 03  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 07                           | 03  | 04 | 02   | 01 | 01   | 02 | 01   | 01 |
| 08                           | 04  | 05 | 03   | 01 | 01   | 02 | 01   | 03 |
| 09                           | 06  | 08 | 04   | 02 | 01   | 03 | 01   | 04 |
| 10                           | 09  | 11 | 06   | 02 | 01   | 03 | 01   | 06 |
| 11                           | 12  | 12 | 07   | 03 | 02   | 04 | 01   | 08 |
| 12                           | 18  | 18 | 09   | 05 | 03   | 06 | 02   | 10 |
| 13                           | 23  | 21 | 13   | 09 | 04   | 08 | 02   | 14 |
| 14                           | 29  | 28 | 17   | 14 | 06   | 11 | 04   | 18 |
| 15                           | 37  | 35 | 21   | 19 | 09   | 15 | 06   | 20 |
| 16                           | 44  | 46 | 25   | 24 | 12   | 22 | 08   | 23 |
| 17                           | 49  | 55 | 29   | 30 | 17   | 27 | 09   | 27 |
| 18                           | 57  | 63 | 33   | 36 | 22   | 35 | 11   | 32 |
| 19                           | 64  | 69 | 37   | 42 | 27   | 40 | 14   | 36 |
| 20                           | 68  | 74 | 42   | 48 | 32   | 44 | 16   | 40 |
| 21                           | 73  | 79 | 47   | 56 | 35   | 50 | 19   | 45 |
| 22                           | 76  | 85 | 50   | 59 | 38   | 55 | 21   | 48 |
| 23                           | 82  | 89 | 54   | 63 | 40   | 61 | 25   | 52 |
| 24                           | 85  | 90 | 58   | 68 | 43   | 64 | 29   | 55 |
| 25                           | 86  | 93 | 62   | 73 | 46   | 69 | 32   | 59 |
| 26                           | 88  | 95 | 65   | 77 | 49   | 73 | 35   | 65 |
| 27                           | 90  | 97 | 69   | 80 | 52   | 77 | 38   | 68 |
| 28                           | 92  | 97 | 71   | 84 | 56   | 80 | 41   | 71 |
| 29                           | 93  | 98 | 74   | 87 | 59   | 84 | 44   | 75 |
| 30                           | 94  | 98 | 76   | 90 | 62   | 87 | 48   | 79 |

(Continued)



Table 21 (Continued)

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 31           | 95   | 99   | 78   | 91   | 65   | 89   | 51   | 83   |
| 32           | 95   | 99   | 79   | 92   | 69   | 91   | 56   | 86   |
| 33           | 96   | 99   | 81   | 94   | 71   | 93   | 58   | 87   |
| 34           | 96   | 99   | 83   | 96   | 73   | 95   | 61   | 90   |
| 35           | 96   | 99   | 84   | 97   | 77   | 97   | 62   | 91   |
| 36           | 97   | 99   | 86   | 98   | 78   | 97   | 64   | 94   |
| 37           | 97   | 99   | 87   | 98   | 80   | 98   | 66   | 95   |
| 38           | 98   | 99   | 88   | 99   | 82   | 98   | 69   | 95   |
| 39           | 98   | 99   | 89   | 99   | 83   | 98   | 72   | 97   |
| 40           | 98   | 99   | 91   | 99   | 86   | 98   | 75   | 98   |
| 41           | 99   | 99   | 92   | 99   | 87   | 98   | 78   | 98   |
| 42           | 99   | 99   | 93   | 99   | 89   | 99   | 80   | 98   |
| 43           | 99   | 99   | 94   | 99   | 89   | 99   | 83   | 98   |
| 44           | 99   | 99   | 94   | 99   | 91   | 99   | 85   | 99   |
| 45           | 99   | 99   | 95   | 99   | 92   | 99   | 87   | 99   |
| 46           | 99   | 99   | 96   | 99   | 93   | 99   | 88   | 99   |
| 47           | 99   | 99   | 97   | 99   | 94   | 99   | 90   | 99   |
| 48           | 99   | 99   | 98   | 99   | 96   | 99   | 92   | 99   |
| 49           | 99   | 99   | 98   | 99   | 97   | 99   | 93   | 99   |
| 50           | 99   | 99   | 99   | 99   | 98   | 99   | 94   | 99   |
| 51           | 99   | 99   | 99   | 99   | 98   | 99   | 95   | 99   |
| 52           | 99   | 99   | 99   | 99   | 99   | 99   | 96   | 99   |
| 53           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 54           | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 99   |
| 55           | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 99   |
| 56           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 57           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 58           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 59           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 60           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 22. ASVAB-5 Conversion Table  
Raw Scores to Percentiles (N = 35,291)

Composite - General Mechanical

| Raw<br>Score | 9th |    | 10th |    | 11th |    | 12th |    |
|--------------|-----|----|------|----|------|----|------|----|
|              | M   | F  | M    | F  | M    | F  | M    | F  |
| 00           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 01           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 02           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 03           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 04           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 05           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 06           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 07           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 08           | 02  | 02 | 01   | 01 | 01   | 01 | 01   | 01 |
| 09           | 02  | 03 | 01   | 01 | 01   | 01 | 01   | 01 |
| 10           | 03  | 03 | 01   | 01 | 01   | 01 | 01   | 01 |
| 11           | 04  | 04 | 01   | 01 | 01   | 01 | 01   | 01 |
| 12           | 05  | 05 | 02   | 02 | 01   | 01 | 01   | 02 |
| 13           | 06  | 06 | 03   | 03 | 02   | 01 | 02   | 04 |
| 14           | 09  | 08 | 04   | 04 | 02   | 03 | 03   | 05 |
| 15           | 13  | 13 | 07   | 05 | 04   | 06 | 03   | 05 |
| 16           | 18  | 18 | 11   | 07 | 04   | 08 | 04   | 07 |
| 17           | 23  | 24 | 15   | 11 | 06   | 12 | 05   | 08 |
| 18           | 28  | 31 | 18   | 14 | 07   | 16 | 05   | 12 |
| 19           | 36  | 39 | 20   | 20 | 09   | 20 | 06   | 16 |
| 20           | 42  | 49 | 24   | 27 | 12   | 23 | 07   | 20 |
| 21           | 48  | 57 | 28   | 34 | 16   | 28 | 08   | 23 |
| 22           | 53  | 66 | 31   | 39 | 19   | 35 | 10   | 27 |
| 23           | 57  | 70 | 36   | 46 | 22   | 43 | 12   | 31 |
| 24           | 63  | 75 | 41   | 54 | 26   | 49 | 14   | 37 |
| 25           | 68  | 79 | 44   | 59 | 33   | 54 | 17   | 41 |
| 26           | 73  | 83 | 50   | 65 | 38   | 57 | 19   | 45 |
| 27           | 78  | 86 | 56   | 69 | 42   | 60 | 20   | 51 |
| 28           | 80  | 89 | 60   | 74 | 45   | 65 | 23   | 55 |
| 29           | 85  | 91 | 64   | 79 | 48   | 68 | 28   | 60 |
| 30           | 86  | 94 | 66   | 81 | 51   | 70 | 34   | 65 |

(Continued)

Table 22 (Continued)

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 31           | 88   | 95   | 69   | 84   | 55   | 75   | 37   | 68   |
| 32           | 90   | 96   | 71   | 86   | 58   | 78   | 40   | 73   |
| 33           | 92   | 97   | 74   | 89   | 61   | 80   | 46   | 75   |
| 34           | 93   | 97   | 75   | 90   | 64   | 82   | 50   | 80   |
| 35           | 94   | 98   | 78   | 91   | 67   | 85   | 52   | 83   |
| 36           | 95   | 98   | 80   | 92   | 69   | 87   | 55   | 85   |
| 37           | 95   | 99   | 82   | 93   | 72   | 90   | 57   | 87   |
| 38           | 96   | 99   | 84   | 94   | 74   | 92   | 59   | 90   |
| 39           | 97   | 99   | 86   | 95   | 76   | 93   | 63   | 91   |
| 40           | 97   | 99   | 88   | 96   | 78   | 95   | 67   | 93   |
| 41           | 98   | 99   | 89   | 97   | 80   | 97   | 70   | 94   |
| 42           | 99   | 99   | 91   | 98   | 82   | 97   | 73   | 95   |
| 43           | 99   | 99   | 93   | 98   | 84   | 98   | 75   | 95   |
| 44           | 99   | 99   | 94   | 99   | 87   | 98   | 77   | 97   |
| 45           | 99   | 99   | 95   | 99   | 89   | 98   | 79   | 97   |
| 46           | 99   | 99   | 96   | 99   | 90   | 98   | 82   | 97   |
| 47           | 99   | 99   | 97   | 99   | 92   | 99   | 85   | 98   |
| 48           | 99   | 99   | 97   | 99   | 94   | 99   | 87   | 98   |
| 49           | 99   | 99   | 98   | 99   | 95   | 99   | 89   | 98   |
| 50           | 99   | 99   | 98   | 99   | 95   | 99   | 91   | 99   |
| 51           | 99   | 99   | 99   | 99   | 96   | 99   | 93   | 99   |
| 52           | 99   | 99   | 99   | 99   | 97   | 99   | 95   | 99   |
| 53           | 99   | 99   | 99   | 99   | 99   | 99   | 96   | 99   |
| 54           | 99   | 99   | 99   | 99   | 99   | 99   | 97   | 99   |
| 55           | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 99   |
| 56           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 57           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 58           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 59           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 60           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

Table 23. ASVAB-5 Conversion Table  
Raw Scores to Percentiles ( N = 35,291)

Composite - Clerical Administrative

| Raw<br>Score | 9th |    | 10th |    | 11th |    | 12th |    |
|--------------|-----|----|------|----|------|----|------|----|
|              | M   | F  | M    | F  | M    | F  | M    | F  |
| 00           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 01           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 02           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 03           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 04           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 05           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 06           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 07           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 08           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 09           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 10           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 11           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 12           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 13           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 14           | 01  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 15           | 02  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 16           | 02  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 17           | 03  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 18           | 03  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 19           | 03  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 20           | 04  | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
| 21           | 04  | 01 | 02   | 01 | 01   | 01 | 01   | 01 |
| 22           | 04  | 02 | 02   | 01 | 01   | 01 | 01   | 01 |
| 23           | 05  | 02 | 02   | 01 | 01   | 01 | 01   | 01 |
| 24           | 05  | 02 | 02   | 01 | 01   | 01 | 01   | 01 |
| 25           | 05  | 02 | 03   | 01 | 01   | 01 | 01   | 01 |
| 26           | 06  | 03 | 03   | 01 | 01   | 01 | 01   | 01 |
| 27           | 08  | 03 | 03   | 01 | 01   | 01 | 01   | 02 |
| 28           | 10  | 03 | 04   | 01 | 01   | 01 | 01   | 02 |
| 29           | 11  | 04 | 04   | 02 | 02   | 01 | 01   | 02 |
| 30           | 13  | 04 | 04   | 02 | 02   | 01 | 02   | 03 |

(Continued)

Table 23 (Continued)

| Raw<br>Score | 9th |    | 10th |    | 11th |    | 12th |    |
|--------------|-----|----|------|----|------|----|------|----|
|              | M   | F  | M    | F  | M    | F  | M    | F  |
| 31           | 14  | 06 | 04   | 02 | 02   | 01 | 02   | 03 |
| 32           | 15  | 08 | 05   | 03 | 02   | 02 | 02   | 03 |
| 33           | 16  | 09 | 06   | 03 | 03   | 02 | 02   | 04 |
| 34           | 18  | 09 | 07   | 03 | 03   | 02 | 03   | 04 |
| 35           | 20  | 11 | 08   | 04 | 04   | 02 | 03   | 04 |
| 36           | 21  | 13 | 10   | 04 | 05   | 03 | 04   | 05 |
| 37           | 24  | 13 | 11   | 05 | 06   | 03 | 04   | 05 |
| 38           | 26  | 14 | 13   | 07 | 07   | 03 | 05   | 05 |
| 39           | 28  | 17 | 15   | 08 | 08   | 04 | 05   | 06 |
| 40           | 30  | 18 | 15   | 09 | 10   | 05 | 05   | 06 |
| 41           | 32  | 19 | 17   | 10 | 12   | 06 | 06   | 07 |
| 42           | 35  | 21 | 19   | 11 | 13   | 08 | 06   | 08 |
| 43           | 37  | 23 | 21   | 13 | 15   | 10 | 07   | 09 |
| 44           | 39  | 24 | 22   | 14 | 16   | 10 | 08   | 09 |
| 45           | 41  | 25 | 25   | 16 | 18   | 11 | 09   | 10 |
| 46           | 43  | 26 | 29   | 18 | 19   | 12 | 11   | 12 |
| 47           | 46  | 29 | 31   | 19 | 20   | 14 | 13   | 13 |
| 48           | 48  | 30 | 33   | 21 | 21   | 15 | 14   | 14 |
| 49           | 50  | 33 | 36   | 22 | 23   | 17 | 15   | 15 |
| 50           | 53  | 34 | 38   | 24 | 25   | 19 | 16   | 16 |
| 51           | 56  | 37 | 40   | 25 | 27   | 21 | 17   | 17 |
| 52           | 59  | 39 | 41   | 28 | 29   | 23 | 19   | 18 |
| 53           | 61  | 43 | 43   | 30 | 32   | 25 | 21   | 20 |
| 54           | 63  | 46 | 44   | 32 | 34   | 27 | 23   | 22 |
| 55           | 65  | 46 | 47   | 34 | 36   | 29 | 25   | 24 |
| 56           | 68  | 48 | 50   | 37 | 38   | 32 | 27   | 26 |
| 57           | 69  | 50 | 53   | 39 | 41   | 33 | 29   | 28 |
| 58           | 70  | 52 | 57   | 42 | 43   | 34 | 31   | 30 |
| 59           | 72  | 55 | 59   | 44 | 45   | 36 | 33   | 32 |
| 60           | 74  | 56 | 60   | 47 | 46   | 38 | 35   | 34 |

(Continued)

Table 23 (Continued)

| Raw<br>Score | 9th |    | 10th |    | 11th |    | 12th |    |
|--------------|-----|----|------|----|------|----|------|----|
|              | M   | F  | M    | F  | M    | F  | M    | F  |
| 61           | 76  | 58 | 63   | 50 | 48   | 41 | 37   | 36 |
| 62           | 77  | 59 | 66   | 52 | 52   | 45 | 39   | 37 |
| 63           | 79  | 60 | 69   | 54 | 54   | 47 | 41   | 39 |
| 64           | 80  | 61 | 71   | 56 | 57   | 49 | 43   | 41 |
| 65           | 81  | 63 | 74   | 58 | 59   | 51 | 45   | 42 |
| 66           | 82  | 64 | 77   | 59 | 62   | 51 | 48   | 44 |
| 67           | 84  | 66 | 78   | 61 | 65   | 52 | 50   | 46 |
| 68           | 85  | 67 | 79   | 64 | 68   | 53 | 53   | 48 |
| 69           | 86  | 70 | 80   | 66 | 69   | 55 | 56   | 50 |
| 70           | 88  | 72 | 82   | 67 | 71   | 57 | 58   | 52 |
| 71           | 89  | 74 | 83   | 70 | 73   | 59 | 61   | 55 |
| 72           | 90  | 75 | 86   | 73 | 75   | 61 | 65   | 57 |
| 73           | 90  | 78 | 87   | 74 | 78   | 63 | 67   | 59 |
| 74           | 91  | 78 | 88   | 75 | 79   | 65 | 70   | 62 |
| 75           | 92  | 79 | 89   | 76 | 81   | 67 | 73   | 64 |
| 76           | 92  | 80 | 90   | 77 | 82   | 69 | 75   | 66 |
| 77           | 93  | 81 | 92   | 79 | 82   | 70 | 76   | 69 |
| 78           | 93  | 84 | 93   | 80 | 83   | 72 | 77   | 72 |
| 79           | 94  | 85 | 93   | 82 | 84   | 73 | 78   | 75 |
| 80           | 95  | 88 | 93   | 83 | 84   | 75 | 79   | 77 |
| 81           | 95  | 90 | 94   | 85 | 85   | 77 | 81   | 79 |
| 82           | 96  | 91 | 95   | 87 | 86   | 80 | 82   | 81 |
| 83           | 97  | 92 | 96   | 90 | 88   | 82 | 83   | 83 |
| 84           | 97  | 92 | 97   | 91 | 89   | 84 | 84   | 84 |
| 85           | 97  | 94 | 97   | 93 | 90   | 86 | 85   | 86 |
| 86           | 98  | 95 | 98   | 94 | 91   | 87 | 86   | 88 |
| 87           | 98  | 96 | 98   | 95 | 92   | 89 | 88   | 89 |
| 88           | 99  | 96 | 98   | 96 | 94   | 90 | 89   | 90 |
| 89           | 99  | 97 | 99   | 97 | 96   | 91 | 90   | 91 |
| 90           | 99  | 98 | 99   | 99 | 96   | 92 | 91   | 91 |

(Continued)

Table 23 (Continued)

| Raw<br>Score | 9th  |      | 10th |      | 11th |      | 12th |      |
|--------------|------|------|------|------|------|------|------|------|
|              | M    | F    | M    | F    | M    | F    | M    | F    |
| 91           | 99   | 98   | 99   | 99   | 97   | 94   | 92   | 92   |
| 92           | 99   | 99   | 99   | 99   | 97   | 95   | 93   | 93   |
| 93           | 99   | 99   | 99   | 99   | 97   | 96   | 94   | 94   |
| 94           | 99   | 99   | 99   | 99   | 98   | 96   | 95   | 95   |
| 95           | 99   | 99   | 99   | 99   | 98   | 97   | 96   | 96   |
| 96           | 99   | 99   | 99   | 99   | 99   | 97   | 97   | 97   |
| 97           | 99   | 99   | 99   | 99   | 99   | 98   | 98   | 97   |
| 98           | 99   | 99   | 99   | 99   | 99   | 99   | 98   | 98   |
| 99           | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 100          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 101          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 102          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 103          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 104          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 105          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 106          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 107          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 108          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 109          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| 110          | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| N            | 4368 | 4297 | 4641 | 4420 | 4482 | 4305 | 4443 | 4335 |

TABLE 24: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 1 - General Information

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 06        | 27   | 11        | 92   |
| 01        | 01   | 07        | 42   | 12        | 96   |
| 02        | 01   | 08        | 50   | 13        | 99   |
| 03        | 03   | 09        | 74   | 14        | 99   |
| 04        | 08   |           |      |           |      |
| 05        | 15   | 10        | 85   | 15        | 99   |

TABLE 25: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 2 - Numerical Operations

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 17        | 10   | 34        | 64   |
| 01        | 01   | 18        | 12   | 35        | 67   |
| 02        | 01   | 19        | 14   | 36        | 69   |
| 03        | 01   | 20        | 16   | 37        | 71   |
| 04        | 01   | 21        | 19   | 38        | 74   |
| 05        | 01   | 22        | 23   | 39        | 75   |
| 06        | 01   | 23        | 25   | 40        | 76   |
| 07        | 01   | 24        | 29   | 41        | 78   |
| 08        | 01   | 25        | 33   | 42        | 80   |
| 09        | 02   | 26        | 36   | 43        | 82   |
| 10        | 02   | 27        | 39   | 44        | 84   |
| 11        | 03   | 28        | 42   | 45        | 86   |
| 12        | 03   | 29        | 46   | 46        | 88   |
| 13        | 04   | 30        | 51   | 47        | 91   |
| 14        | 05   | 31        | 54   | 48        | 94   |
| 15        | 06   | 32        | 58   | 49        | 97   |
| 16        | 08   | 33        | 61   | 50        | 99   |

TABLE 26: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 3 - Attention to Detail

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 11        | 15   | 21        | 84   |
| 01        | 01   | 12        | 21   | 22        | 87   |
| 02        | 01   | 13        | 29   | 23        | 90   |
| 03        | 01   | 14        | 39   | 24        | 92   |
| 04        | 01   | 15        | 47   | 25        | 93   |
| 05        | 01   | 16        | 56   | 26        | 95   |
| 06        | 01   | 17        | 64   | 27        | 97   |
| 07        | 02   | 18        | 71   | 28        | 98   |
| 08        | 04   | 19        | 76   | 29        | 99   |
| 09        | 06   | 20        | 81   | 30        | 99   |
| 10        | 10   |           |      |           |      |



TABLE 27: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 4 - Word Knowledge

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 11        | 31   | 21        | 78   |
| 01        | 01   | 12        | 36   | 22        | 81   |
| 02        | 01   | 13        | 41   | 23        | 85   |
| 03        | 01   | 14        | 46   | 24        | 88   |
| 04        | 02   | 15        | 50   | 25        | 92   |
| 05        | 04   | 16        | 55   | 26        | 94   |
| 06        | 07   | 17        | 60   | 27        | 96   |
| 07        | 10   | 18        | 65   | 28        | 98   |
| 08        | 14   | 19        | 70   | 29        | 99   |
| 09        | 19   | 20        | 74   | 30        | 99   |
| 10        | 24   |           |      |           |      |

TABLE 28: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 5 - Arithmetic Reasoning

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 07        | 31   | 14        | 86   |
| 01        | 01   | 08        | 42   | 15        | 89   |
| 02        | 01   | 09        | 53   | 16        | 93   |
| 03        | 01   | 10        | 63   | 17        | 95   |
| 04        | 04   | 11        | 70   | 18        | 97   |
| 05        | 10   | 12        | 76   | 19        | 99   |
| 06        | 19   | 13        | 82   | 20        | 99   |

TABLE 29: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 6 - Space Perception

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 07        | 34   | 14        | 83   |
| 01        | 01   | 08        | 43   | 15        | 88   |
| 02        | 02   | 09        | 51   | 16        | 91   |
| 03        | 04   | 10        | 59   | 17        | 94   |
| 04        | 08   | 11        | 66   | 18        | 97   |
| 05        | 15   | 12        | 73   | 19        | 99   |
| 06        | 24   | 13        | 78   | 20        | 99   |

TABLE 30: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 7 - Mathematics Knowledge

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 07        | 29   | 14        | 73   |
| 01        | 01   | 08        | 36   | 15        | 79   |
| 02        | 02   | 09        | 42   | 16        | 85   |
| 03        | 04   | 10        | 49   | 17        | 89   |
| 04        | 09   | 11        | 54   | 18        | 94   |
| 05        | 15   | 12        | 61   | 19        | 98   |
| 06        | 22   | 13        | 67   | 20        | 99   |

TABLE 31: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 8 - Electronics Information

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 11        | 37   | 21        | 92   |
| 01        | 01   | 12        | 47   | 22        | 94   |
| 02        | 01   | 13        | 55   | 23        | 95   |
| 03        | 01   | 14        | 62   | 24        | 97   |
| 04        | 01   | 15        | 69   | 25        | 98   |
| 05        | 03   | 16        | 75   | 26        | 99   |
| 06        | 05   | 17        | 79   | 27        | 99   |
| 07        | 09   | 18        | 83   | 28        | 99   |
| 08        | 14   | 19        | 86   | 29        | 99   |
| 09        | 20   | 20        | 89   | 30        | 99   |
| 10        | 29   |           |      |           |      |

TABLE 32: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 9 - Mechanical Comprehension

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 07        | 54   | 14        | 92   |
| 01        | 02   | 08        | 64   | 15        | 94   |
| 02        | 04   | 09        | 73   | 16        | 96   |
| 03        | 10   | 10        | 78   | 17        | 98   |
| 04        | 18   | 11        | 82   | 18        | 99   |
| 05        | 29   | 12        | 86   | 19        | 99   |
| 06        | 42   | 13        | 89   | 20        | 99   |

TABLE 33: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 10:- General Science

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 07        | 33   | 14        | 90   |
| 01        | 01   | 08        | 45   | 15        | 94   |
| 02        | 02   | 09        | 55   | 16        | 96   |
| 03        | 05   | 10        | 65   | 17        | 98   |
| 04        | 09   | 11        | 72   | 18        | 99   |
| 05        | 16   | 12        | 79   | 19        | 99   |
| 06        | 24   | 13        | 85   | 20        | 99   |

TABLE 34: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 11 - Shop Information

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 07        | 34   | 14        | 88   |
| 01        | 01   | 08        | 45   | 15        | 91   |
| 02        | 03   | 09        | 54   | 16        | 94   |
| 03        | 06   | 10        | 64   | 17        | 96   |
| 04        | 11   | 11        | 73   | 18        | 98   |
| 05        | 17   | 12        | 79   | 19        | 99   |
| 06        | 25   | 13        | 84   | 20        | 99   |

TABLE 35: Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Part 12 - Automotive Information

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 02   | 07        | 69   | 14        | 96   |
| 01        | 05   | 08        | 77   | 15        | 97   |
| 02        | 10   | 09        | 83   | 16        | 98   |
| 03        | 18   | 10        | 88   | 17        | 99   |
| 04        | 32   | 11        | 90   | 18        | 99   |
| 05        | 44   | 12        | 92   | 19        | 99   |
| 06        | 57   | 13        | 95   | 20        | 99   |

TABLE 36: Composite Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Electronics/Electrical Composite

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 17        | 23   | 34        | 89   |
| 01        | 01   | 18        | 29   | 35        | 91   |
| 02        | 01   | 19        | 35   | 36        | 92   |
| 03        | 01   | 20        | 41   | 37        | 94   |
| 04        | 01   | 21        | 46   | 38        | 95   |
| 05        | 01   | 22        | 51   | 39        | 96   |
| 06        | 01   | 23        | 57   | 40        | 97   |
| 07        | 01   | 24        | 62   | 41        | 98   |
| 08        | 01   | 25        | 67   | 42        | 99   |
| 09        | 01   | 26        | 70   | 43        | 99   |
| 10        | 02   | 27        | 74   | 44        | 99   |
| 11        | 03   | 28        | 77   | 45        | 99   |
| 12        | 05   | 29        | 80   | 46        | 99   |
| 13        | 07   | 30        | 82   | 47        | 99   |
| 14        | 11   | 31        | 84   | 48        | 99   |
| 15        | 14   | 32        | 85   | 49        | 99   |
| 16        | 18   | 33        | 87   | 50        | 99   |

TABLE 37: Composite Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Communications Composite

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 21        | 32   | 41        | 89   |
| 01        | 01   | 22        | 37   | 42        | 90   |
| 02        | 01   | 23        | 41   | 43        | 91   |
| 03        | 01   | 24        | 45   | 44        | 92   |
| 04        | 01   | 25        | 50   | 45        | 93   |
| 05        | 01   | 26        | 54   | 46        | 94   |
| 06        | 01   | 27        | 58   | 47        | 95   |
| 07        | 01   | 28        | 61   | 48        | 96   |
| 08        | 01   | 29        | 64   | 49        | 97   |
| 09        | 01   | 30        | 68   | 50        | 98   |
| 10        | 01   | 31        | 71   | 51        | 98   |
| 11        | 01   | 32        | 73   | 52        | 99   |
| 12        | 02   | 33        | 75   | 53        | 99   |
| 13        | 03   | 34        | 77   | 54        | 99   |
| 14        | 05   | 35        | 79   | 55        | 99   |
| 15        | 07   | 36        | 80   | 56        | 99   |
| 16        | 10   | 37        | 82   | 57        | 99   |
| 17        | 13   | 38        | 84   | 58        | 99   |
| 18        | 17   | 39        | 86   | 59        | 99   |
| 19        | 22   | 40        | 87   | 60        | 99   |
| 20        | 27   |           |      |           |      |

TABLE 38: Composite Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

General/Technical Composite

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 17        | 22   | 34        | 81   |
| 01        | 01   | 18        | 27   | 35        | 83   |
| 02        | 01   | 19        | 31   | 36        | 85   |
| 03        | 01   | 20        | 35   | 37        | 87   |
| 04        | 01   | 21        | 39   | 38        | 89   |
| 05        | 01   | 22        | 43   | 39        | 91   |
| 06        | 01   | 23        | 47   | 40        | 92   |
| 07        | 01   | 24        | 51   | 41        | 94   |
| 08        | 01   | 25        | 53   | 42        | 95   |
| 09        | 01   | 26        | 57   | 43        | 96   |
| 10        | 02   | 27        | 60   | 44        | 97   |
| 11        | 03   | 28        | 63   | 45        | 98   |
| 12        | 05   | 29        | 66   | 46        | 99   |
| 13        | 07   | 30        | 69   | 47        | 99   |
| 14        | 10   | 31        | 72   | 48        | 99   |
| 15        | 13   | 32        | 75   | 49        | 99   |
| 16        | 17   | 33        | 78   | 50        | 99   |

TABLE 39: Composite Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Motor Mechanical Composite

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 21        | 42   | 41        | 92   |
| 01        | 01   | 22        | 45   | 42        | 93   |
| 02        | 01   | 23        | 49   | 43        | 94   |
| 03        | 01   | 24        | 53   | 44        | 94   |
| 04        | 01   | 25        | 57   | 45        | 95   |
| 05        | 01   | 26        | 61   | 46        | 96   |
| 06        | 01   | 27        | 64   | 47        | 97   |
| 07        | 01   | 28        | 67   | 48        | 97   |
| 08        | 02   | 29        | 71   | 49        | 98   |
| 09        | 02   | 30        | 73   | 50        | 98   |
| 10        | 03   | 31        | 76   | 51        | 99   |
| 11        | 04   | 32        | 79   | 52        | 99   |
| 12        | 06   | 33        | 81   | 53        | 99   |
| 13        | 08   | 34        | 83   | 54        | 99   |
| 14        | 11   | 35        | 85   | 55        | 99   |
| 15        | 15   | 36        | 86   | 56        | 99   |
| 16        | 19   | 37        | 87   | 57        | 99   |
| 17        | 23   | 38        | 88   | 58        | 99   |
| 18        | 28   | 39        | 90   | 59        | 99   |
| 19        | 32   | 40        | 91   | 60        | 99   |
| 20        | 37   |           |      |           |      |

TABLE 40: Composite Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

General Mechanical Composite

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
| 00        | 01   | 21        | 23   | 41        | 88   |
| 01        | 01   | 22        | 27   | 42        | 89   |
| 02        | 01   | 23        | 31   | 43        | 80   |
| 03        | 01   | 24        | 37   | 44        | 92   |
| 04        | 01   | 25        | 41   | 45        | 93   |
| 05        | 01   | 26        | 46   | 46        | 94   |
| 06        | 01   | 27        | 50   | 47        | 95   |
| 07        | 01   | 28        | 54   | 48        | 96   |
| 08        | 01   | 29        | 58   | 49        | 97   |
| 09        | 01   | 30        | 61   | 50        | 98   |
| 10        | 01   | 31        | 64   | 51        | 98   |
| 11        | 01   | 32        | 68   | 52        | 99   |
| 12        | 01   | 33        | 71   | 53        | 99   |
| 13        | 02   | 34        | 73   | 54        | 99   |
| 14        | 04   | 35        | 76   | 55        | 99   |
| 15        | 05   | 36        | 78   | 56        | 99   |
| 16        | 07   | 37        | 80   | 57        | 99   |
| 17        | 09   | 38        | 82   | 58        | 99   |
| 18        | 12   | 39        | 84   | 59        | 99   |
| 19        | 15   | 40        | 86   | 60        | 99   |
| 20        | 19   |           |      |           |      |

TABLE 41: Composite Raw Score to Percentile Conversions;  
Total Norms (10th thru 12th Grade)

Clerical/Administrative Composite

| RAW SCORE | %ile | RAW SCORE | %ile | RAW SCORE | %ile |
|-----------|------|-----------|------|-----------|------|
|           |      | 37        | 06   | 75        | 75   |
| 00        | 01   | 38        | 07   | 76        | 77   |
| 01        | 01   | 39        | 08   | 77        | 78   |
| 02        | 01   | 40        | 09   | 78        | 80   |
| 03        | 01   | 41        | 10   | 79        | 81   |
| 04        | 01   | 42        | 11   | 80        | 82   |
| 05        | 01   | 43        | 12   | 81        | 84   |
| 06        | 01   | 44        | 13   | 82        | 85   |
| 07        | 01   | 45        | 15   | 83        | 87   |
| 08        | 01   | 46        | 17   | 84        | 88   |
| 09        | 01   | 47        | 18   | 85        | 90   |
| 10        | 01   | 48        | 20   | 86        | 91   |
| 11        | 01   | 49        | 21   | 87        | 92   |
| 12        | 01   | 50        | 23   | 88        | 93   |
| 13        | 01   | 51        | 25   | 89        | 94   |
| 14        | 01   | 52        | 27   | 90        | 95   |
| 15        | 01   | 53        | 28   | 91        | 95   |
| 16        | 01   | 54        | 31   | 92        | 96   |
| 17        | 01   | 55        | 33   | 93        | 97   |
| 18        | 01   | 56        | 35   | 94        | 97   |
| 19        | 01   | 57        | 37   | 95        | 98   |
| 20        | 01   | 58        | 40   | 96        | 98   |
| 21        | 01   | 59        | 41   | 97        | 98   |
| 22        | 01   | 60        | 44   | 97        | 98   |
| 23        | 01   | 61        | 46   | 98        | 99   |
| 24        | 01   | 62        | 49   | 99        | 99   |
| 25        | 01   | 63        | 51   | 100       | 99   |
| 26        | 01   | 64        | 53   | 101       | 99   |
| 27        | 02   | 65        | 55   | 102       | 99   |
| 28        | 02   | 66        | 57   | 103       | 99   |
| 29        | 02   | 67        | 59   | 104       | 99   |
| 30        | 02   | 68        | 61   | 105       | 99   |
| 31        | 02   | 69        | 63   | 106       | 99   |
| 32        | 03   | 70        | 65   | 107       | 99   |
| 33        | 03   | 71        | 67   | 108       | 99   |
| 34        | 04   | 72        | 70   | 109       | 99   |
| 35        | 04   | 73        | 72   | 110       | 99   |
| 36        | 05   | 74        | 73   |           |      |