AD A139877

United States Army Health Care Studies and Clinical Investigation Activity

EVALUATION OF THE ARMY PHYSICAL TRAINING
AND
WEIGHT CONTROL PROGRAMS

PART I:

THE ARMY MEDICAL DEPARTMENT OFFICER ADVANCED COURSE

CPT(P) James M. King
MAJ Donald E. O'Brien
Dr. A. D. Mangelsdorff

FINAL REPORT #83-007A

SEPTEMBER 1983

US ARMY
HEALTH SERVICES COMMAND
FORT SAM HOUSTON, TEXAS 78234

HEALTH CARE STUDIES AND CLINICAL INVESTIGATION REPORT #83-007A

EVALUATION OF THE ARMY PHYSICAL TRAINING

AND

WEIGHT CONTROL PROGRAMS

PART I: THE ARMY MEDICAL DEPARTMENT OFFICER ADVANCED COURSE

CPT James M. King
MAJ Donald E. O'Brien
Dr. A. D. Mangelsdorff

HEALTH CARE STUDIES DIVISION
US ARMY HEALTH CARE STUDIES AND
CLINICAL INVESTIGATION ACTIVITY
FORT SAM HOUSTON, TEXAS 78234

FINAL REPORT

SEPTEMBER 1983

NOTICE

The findings in this report are not to be construed as an official Department of the Army position unless so designated by other authorized documents.

Regular users of the services of the Defense Technical Information Center (per DOD Instruction 5200.21) may purchase copies directly from the following:

Defense Technical Information Center (DTIC)
ATTN: DTIC-DDR
Cameron Station
Alexandria, VA 22314

Telephones: AUTOVON (108) 28-47633, 34, or 35
Commercial (202) 27-47633, 34, or 35

All other requests for these reports will be directed to the following:

US Department of Commerce
National Technical Information Services (NTIS)
5285 Port Royal Road
Springfield, VA 22161

Telephone: Commercial (703) 487-4600

U

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

AD-A139877

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 83-007A	2. GOVT ACCESSION NO. DA301093	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Evaluation of the Army Physical Training and Weight Control Programs. Part I: The Army Medical Department Officer Advanced Course		5. TYPE OF REPORT & PERIOD COVERED Final Report Nov 82 - Sep 83 6. PERFORMING ORG. REPORT NUMBER 83-007A
7. AUTHOR(s) CPT J.M. King MAJ D. E. O'Brien Dr. A. D. Mangelsdorff		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Health Care Studies and Clinical Investigation Activity, Health Services Command, Fort Sam Houston, Texas 78234		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Health Care Studies and Clinical Investigation Activity, Health Services Command, Fort Sam Houston, Texas 78234		12. REPORT DATE September 1983 13. NUMBER OF PAGES 275
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; unlimited distribution

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

DA301093

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Physical fitness; weight control; body fat, injuries, exercise facilities; exercise history; smoking, attitudes, evaluation

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

The purposes of this study were to evaluate the effectiveness of phycical training and weight control programs as experienced by AMEDD soldiers from a variety of duty stations, and to assess AMEDD impacts on these efforts. Measures of strength, stamina, and body fat percentage were collected, and a survey instrument covering lifestyle, nature of fitness program to which exposed, injury information, and attitudes towards fitness issues was administered. This study: (1) assessed the relationship among exercise history, demographic (cont)

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

U

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

variables, lifestyle, body fat level, attitudes, and fitness; (2) assessed the impact of instutitional support for physical training programs on attitudes, exercise history, and fitness; (3) assessed the relationship among types of program, intensity of program, equipment employed, adequacy of facilities and injury rate; (4) assessed the relationship among injuries, profiles, exercise history and fitness; (5) assessed the relative impact of the AMEDD on fitness and weight control efforts; and (6) assessed the effectiveness of weight control efforts as experienced by AMEDD personnel. Subjects for the present study were 192 students in the AMEDD Officer Advanced Course, Academy of Health Sciences, US Army, Fort Sam Houston, TX. Their mean age was 31.5 years. The class consisted of 3 1LTs, 155 CPTs, 31 MAJs, and 3 LTCs. Prior to starting the course the subjects had been assigned to 37 CONUS facilities, to the reserve components, to units located in Alaska and Hawaii, and to a variety of units located in Europe and the Far East. The Army Physical Readiness Test (APRT) was the source of aerobic capacity data. Body fat was determined through skinfold thickness measurement as described in AR 600-9. Information on demographics, on individual and unit physical activity history over the preceeding year, organizational support for physical training and weight control programs, diet and lifestyle, involvement in weight control programs, attitudes toward fitness issues, injury data and profile information were obtained through the survey instrument. Overweight and/or overfat AMEDD officers get as much exercise as those who are in compliance with the prescribed standards, and are only slightly more likely to fail the APRT. Overweight and/or overfat individuals are strongly motivated to comply with the Army standards of fitness. Individual exercise was most important in determining success on the APRT. This is because there was no unit exercise available to many of the subjects. For this group, efforts to improve fitness should focus on providing time and basic facilities, such as lockers and showers, to support individual exercise efforts. Many of the subjects reported that the lack of this basic level of support was a problem. The Academy of Health Sciences physical training program was effective with this group, in that it raised the percentage of individuals passing the APRT from 62 percent to 100 percent. Although almost one in four of the subjects had sustained some sort of activity disrupting injury in the preceeding year, few reported any long-lasting effects of these injuries. An education program focusing on injury prevention could be expected to produce results. Over 60 percent of the subjects had attempted to lose weight since coming on active duty. For recent weight control efforts, the weight loss goals were generally modest. These efforts had usually been motivated by a desire to achieve some personal weight standards, and not by any concern over Army standards. The reported weight losses were maintained for significant periods, although many subjects reported that they had regained a significant portion of the lost weight. The respondents did not perceive unit weight control programs as having substantial effects on those involved in them. Suggestions for further research are discussed.

ACKNOWLEDGMENTS

The assistance of the Academy of Health Sciences, Fort Sam Houston, Texas, in the conduct of this study is gratefully acknowledged. Invaluable assistance during the data collection phase was provided by the following personnel of the Physical Therapy Section and the Food Service Division, Brooke Army Medical Brooke Army Medical Center: MAJ C. Meir, CPT J. Alley, CPT P. Satterfield, CPT J. Heeter, CPT C. Sucher, CPT J. Burchette, CPT K. Arnold, CPT M. Butkiewicz, CPT J. Gallo, and 1LT R. Boone. The support and assistance of COL V. A. Metcalf, AMSC Division, OTSG, and of COL M. E. Lucas, AMSC Division, HSC, was of great value. MAJ J. B. Emerson of The Surgeon General's Task Force on Fitness assisted with the development of portions of the survey instrument. Mrs. P. Twist and SP4 D. Janutolo, of the Health Care Studies and Clinical Investigation Activity, provided superb technical support to this study effort. We are especially grateful for the cheerful cooperation of the Academy of Health Sciences students who took part in this study.

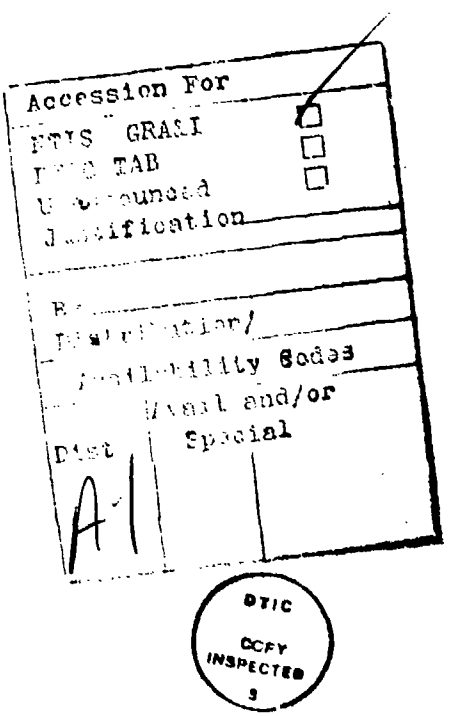

TABLE OF CONTENTS

TABLE OF CONTENTS CONTINUED

GLOSSARY OF VARIABLES

ARC — Army concern - mean Q137, Q138, & Q172

ARN — Army nutrition - mean of Q169, Q172, & Q174

C — Age

CM — Scaled Age

D — Sex

E — Type of Unit:

MTF - MEDCEN, MEDDAC, DENTAC; Area Laboratories; OCONUS units with these functions

Research - All USAMRDC units; USAEHA; DARCOM Laboratories

Field - All divisional & corps-level field medical units

Staff - Major Headquarters; Academy of Health Sciences

Other - Recruiting Command; Long-term civilian training; USAR/ARNGUS; Not specified

F — MACOM Controlling post:

FORSCOM - Fort Bragg, Fort Campbell, Fort Carson, Fort Devins, Fort Hood, Fort Irwin, Fort Lewis, Fort Meade, Fort McPherson, Fort Ord, Fort Polk, Presidio of San Francisco, Fort Riley, Fort Sam Houston, Fort Sheridan, Fort Stewart

TRADOC - Fort Belvoir, Fort Benjamin Harrison, Fort Benning, Fort Bliss, Fort Dix, Fort Eustis, Fort Gordon, Fort Jackson, Fort Knox, Fort Leavenworth, Fort Lee, Fort Leonard Wood, Fort Rucker, Fort Sill

HSC/DARCOM - Aberdeen Proving Ground; Fitzsimons Army Medical Center; Fort Detrick; Fort Huachuca; Rock Island Arsenal; Walter Reed Army Medical Center

OCONUS - Alaska, Europe, Hawaii, Korea, Japan, Far East

Other - United States Military Academy, USAR/ARNGUS, Other Unspecified

FACIN	Rating of indoor facilities - mean of Q36, Q39, Q45, Q57, & Q75
FACOUT	Rating of outdoor facilities - mean of Q9, Q21, Q30, & Q69
FACOVER	Rating of overall facilities - mean of questions making up FACIN, FACOUT, & SPT
IFID	Individual exercise frequency times intensity times duration
IMPEX	Exercise Importance - mean of Q149-Q154, Q157, Q159, & Q160
MAJOR	Major injury reported in Q127-129, Q131, Q132, Q134, or Q135
MARC	Scaled Army concern - mean of Q137, Q138, & Q172
MARN	Scaled Army nutrition - mean of Q169, Q172, & Q174
MAXFAT	Body fat status per AR 600-9
MFACIN	Scaled rating of indoor facilities - mean of Q36, Q39, Q45, Q57, & Q75
MFACOUT	Scaled rating of outdoor facilities - mean of Q9, Q21, Q30, & Q69
MFACOVER	Scaled rating of overall facilities - mean of questions making up MFACIN, MFACOUT, & MSPT
MIFID	Scaled individual exercise frequency times intensity times duration
MIMPEX	Scaled exercise Importance - mean of Q149-Q154, Q157, Q159, & Q160
MINOR	Minor injury reported in Q126, Q130, or Q133
MOS	Branches; MSC Adm = 67 series; MSC Prof = 68 series
MSPT	Scaled rating - exercise support by post/unit - mean of Q86, Q87, & Q91
MUFID	Scaled unit exercise frequency times intensity times duration
MWTAW	Scaled weight awareness - mean of Q161, Q166, Q169, Q184, & Q185
PFAT	Percent of body fat
PFATRNG	Scaled percent of body fat
PTCODE	Passed or failed APRT per AR 350-15
PTRSLTS	Scaled APRT score
PTSCOR	APRT Score
Q124	Injured or not injured
SFID	Summed unit and individual exercise frequency times intensity times duration

SMFID	Scaled SFID
SMOKE	Any smoking as reported in Q96 to Q99
SPT	Rating of exercise support by post/unit - mean of Q86, Q87, & Q91
UFID	Unit exercise frequency times intensity times duration
WTAW	Weight awareness - mean of Q161, Q166, Q169, Q184, & Q185
WTCD	Height/Weight status per AR 600-9

1. INTRODUCTION.

a. Background. Physical fitness and weight control programs have recently attracted considerable interest within the Army. A major Department of Defense Study of the Military Services Physical Fitness (1981) found that the services (1) cannot accurately measure the fitness of members, (2) do not provide fitness programs to members of all ages and MOSs, (3) do not have adequate in-house physical fitness expertise, and (4) do not incorporate current physical fitness knowledge into their programs. This study encouraged the services to promote lifestyle changes while correcting the problems noted above. Effects of these recommendations can be seen in the revised weight control regulation (AR 600-9, 1983) which has recently been released and in the new physical fitness regulation (AR 350-15, 1982). Indeed, 1982 was declared the Army Year of Physical Fitness by the Chief of Staff (Saunders, 1982), the Army Physical Fitness Research Institute has been organized at the Army War College, the Physical Fitness Center of the Soldier Support Center has come into being, and The Surgeon General has organized a Task Force on physical fitness. All of these efforts, which were intended to improve the fitness level of American soldiers, thereby increasing their ability to perform sustained operations on the modern, high-intensity battlefield, are now producing results (Pilnacek, 1983).

The Army, as the DOD lead agency in the effort to upgrade service physical training and weight control programs, has made considerable progress, as indicated by the activities noted above, but many problems remain (Winter, 1982; March, 1982). The overweight soldier is still a significant problem (Houghton, 1981). However, the Lifestyle Program at Fort Eustis has achieved considerable success as demonstrated by a one year follow-up study (after action report; Finegan, 1982). Lifestyle was an integrated program of physical activity,

reduced caloric intake, altered eating habits, and counseling which focused not only on the service member, but also on that member's family. Although its mandatory nature was somewhat coercive, Li tyle might well be taken as a model for other Army efforts of this type. The Army has instituted a percent body fat standard to replace the absolute height-weight standard (AR 600-9, 1983; effective 15 April 1983). This should add considerably to the credibility of the weight control program. The weight control program in the Army is currently focused on the needs of the individual member. Conversely, the Army's Physical Training Program has recently been subjected to criticism because it does not adequately focus on the individual effort (Partlow, 1982). This shortcoming has been addressed in two recent publications, FM 21-20, Physical Readiness Training (1980), and the Commander's Handbook on Physical Fitness (1982). These manuals place emphasis on supporting a fitness program geared to the varying needs and abilities of the soldiers and their units. This reflects a massive change in organizational thinking. A Fitness Handbook for the individual soldier is also in preparation (1982). It will provide guidance on the conduct of an individual fitness program, on diet, on drinking and smoking, and on lifestyles which promote fitness and weight control. Regular exercise is an essential component of a weight control program (Miller and Sims, 1981; Proper and Improper Weight Loss Programs, 1983). Indeed modern approaches to assessing physical fitness include measures of strength, stamina, flexibility, and body fat (Brubacker, 1982). Corporations have achieved excellent success with individual programs when they are supervised and receive adequate institutional backing (Health and Fitness: The Corporate View, 1980). A safe and effective physical fitness program which is supported by the organization is an integral part of successful stress management (Troxler and Cayton, 1982).

The Army has recently focused considerable attention on the levels of strength and stamina required to perform in various MOSs (Sharp, Wright, Vogel, Patton, Daniel, Knapik, and Kowal, 1980). Five MOS clusters, each requiring a different level of strength and stamina were identified. Thus, we can now determine if a person possesses the strength and stamina to perform in a given MOS. We currently lack logically integrated approaches to: (1) maintain soldiers at or above cluster fitness minimums, or (2) bring a given individual up to cluster standards. Current physical fitness programs are more likely to improve the fitness levels of male recruits than those of female recruits (Kowal, Panhan, and Vogel, 1978).

A variety of injuries can occur in a physical conditioning program. Many of these injuries are a result of overuse of the affected part, and frequently affect the lower extremities. In women, because of a lower level of prior conditioning, greater level of body fat, and limited strength, these problems can be particularly debilitating (Kowal, 1980). The majority of these injuries can be avoided through use of a carefully designed remedial conditioning program (Kowal, 1980; Shally and Desterman, 1982), use of proper footwear (De Moya, 1982; Partlow, 1981), and appropriate warm-up and cool-down exercises (Partlow, 1982). Others have reported injury rates of from 5.7 to 50.9 percent per year, depending on the nature of the athletic program (Shephard, 1977).

b. Purpose. The purposes of this study were to evaluate the effectiveness of physical training and weight control programs as experienced by AMEDD soldiers from a variety of duty stations, and to assess AMEDD's impact on these efforts. Measures of strength, stamina, and body fat percentage were collected, and a survey instrument covering lifestyle, nature of fitness program to which exposed, injury information, and attitudes towards fitness issues was administered.

c. Objectives. This study: (1) assessed the relationship among exercise history, demographic variables, lifestyle, body fat level, attitudes, and fitness; (2) assessed the impact of institutional support for physical training programs on attitudes, exercise history, and fitness; (3) assessed the relationship among types of program, intensity of program, equipment employed, adequacy of facilities and injury rate; (4) assessed the relationship among injuries, profiles, exercise history and fitness; (5) assessed the relative impact of the AMEDD on fitness and weight control efforts; (6) assessed the effectiveness of weight control efforts as experienced by AMEDD personnel; and (7) compared AMEDD Officer Advanced Course and AMEDD Advanced NCOES students on (1) to (6) above.

2. METHODOLOGY.

a. Subjects. Subjects for the present study were 192 students in the AMEDD Officer Advanced Course, Academy of Health Sciences, US Army, Ft Sam Houston, TX. Their mean age was 31.5 years. The class consisted of 3 1LTs, 155 CPTs, 31 MAJs, and 3 LTCs. Prior to starting the course, the subjects had been assigned to 37 CONUS facilities, to the reserve components, to units located in Alaska and Hawaii, and to a variety of units located in Europe and the Far East. Subjects were exposed to no risk and performed no tasks other than those involved in normal training or duties. Thus, this project was exempt from the requirements of AR 40-38 and AR 70-25.

b. Instruments. The Army Physical Readiness Test was the source of aerobic capacity data. Body fat was determined through skinfold thickness measurement as described in AR 600-9 and in Durnin and Womersley (1974) by personnel provided through Army Medical Specialist Corps channels (ANNEX B). Information on demographics, on individual and unit physical activity history over the preceding year, organizational support for physical training and weight control programs, diet and lifestyle, involvement in weight control programs, attitudes

toward fitness issues, injury data and profile information were obtained through the survey instrument (ANNEX A). The frequency, intensity and duration of exercise scales were adapted from Shackey (1977), and are in line with the Recommended Quantity and Quality of Exercise for Developing and Maintaining Fitness in Healthy Adults (1982).

c. Data Collection. The members of the class were briefed on the study and given the survey instrument on 20 Jan 83. Actual data collection occurred on 21 Jan 83, when the Army Physical Readiness Test (APRT) was administered, the survey instruments were collected, and the body fat measurements were made.

d. Data Analysis. Automated data analytic procedures using the Statistical Analysis System Users Guide (1982) were implemented. These procedures included descriptive statistics, factor analysis, stepwise multiple linear regression, and discriminant function analysis. The variables MARC, MARN, MFACIN, MFACOUT, MFACOVER, MIMPEX, MSPT, and MWTAW (see Glossary of Variables) were identified through factor analyses.

3. FINDINGS. The subjects' responses to the individual items are recorded on the copy of the survey instrument attached at Annex A. The data are summarized in a series of tables which have been grouped into categories. The length of the survey instrument and the volume of data collected preclude the discussion of each individual item. The tables will provide an excellent introduction to the data, as they effectively summarize the highlights of the study. Most of the tables contain a Chi-square analysis of the data in that table. For the tables noted as being sparse, the Chi-square likelihood ratio is the appropriate test statistic. The data will be discussed in six sections.

a. Demographics, Exercise History, and Fitness. These data are summarized in Tables 1 to 65. Success on the APRT was not influenced by type of unit (see Tables 3 and 4). Type of unit and MACOM strongly influenced level of unit

exercise (see Tables 5 and 6). Individuals from field and staff units or from OCONUS had the highest levels of unit exercise. Unit exercise did not effect APRT performance in this group (see Tables 9 and 10), as almost two-thirds of the subjects reported very low levels of unit exercise. Individual exercise was independent of type and location of unit (see Tables 11 and 12), but strongly affected success on the APRT (see Tables 15 and 16).

Reported Army concern for individual nutrition was highest on FORSCOM posts (see Table 29). This variable was unrelated to height/weight status or body fat level (see Tables 30 to 32). Females reported higher "Exercise Importance" than did males (see Table 36). Individuals scoring high on "Exercise Importance" also reported high levels of individual and total exercise (see Tables 39 and 40), and obtained higher scores on the APRT (see Table 42), but were no more likely to pass the APRT (see Table 41).

Subjects from MTFs were less likely to report that they smoked than individuals from other types of units (see Table 50). Smokers had lower total exercise levels (see Table 56), and were more likely to fail the APRT (see Table 57) than nonsmokers. Subjects from MTFs, research, and other units were more likely to be required to exercise on their own time than those from field or staff units (see Table 62).

b. Facilities and Fitness. These data are summarized in Tables 66 to 100. Ratings of indoor exercise facilities were not related to passing the APRT, but better ratings led to more points scored (see Tables 71 and 72). TRADOC posts had the highest outdoor facility ratings (see Table 75). Outdoor facility ratings were not related to other variables (see Tables 74, 76 to 81). Overall facility ratings were lowest for field units and for OCONUS units, but were not related to other variables (see Tables 82 to 89). Basic organizational support for exercise increased the level of individual and total exercise, and was related to exercise importance, but did not influence success on the APRT (see Tables 96 to 100).

c. Factors Influencing Exercise Injuries. These data are summarized in Tables 101 to 151. Major injuries are more frequent in individuals with a high percentage of body fat (see Tables 106 and 107), but are not influenced by level of exercise (see Tables 108 to 110), or by exercise facility ratings (see Tables 113 to 115). Levels of minor injuries were highest at HSC/DARCOM, OCONUS, and other locations, and were lowest at FORSCOM and TRADOC posts (see Table 120). Level of minor injuries was also increased in those with a high percentage of body fat (see Tables 123 and 124). Lower overall exercise facility rating were associated with a higher level of minor exercise injuries (see Table 132).

d. Weight Control. These data are summarized in Tables 152 to 194. Subjects from HSC/DARCOM posts were most likely to exceed the height/weight standards, while those from FORSCOM, TRADOC, and OCONUS were intermediate in this regard. Those from other types of units were most likely to be in compliance with this standard (see Table 156). Individuals who were not in compliance with these standards were also slightly more likely to fail the APRT see Table 158), and scored fewer points on the APRT (see Table 159). In this sample, the distribution of percentage of body fat was similar in males and females (see Table 162). Compliance with the percent body fat standards was not influenced by type of unit, MACOM of post, or MOS (see Tables 163 to 165). Individuals who exceeded the height/weight standards were more likely to exceed the percent body fat standards, but a significant percentage of those who were in compliance with the height/weight standards had an unacceptable level of body fat (see Table 166). Level of body fat did not influence level of unit, individual, or total exercise, nor did it influence passing the APRT (see Tables 167 to 169 and 171). Those individuals who exceeded the body fat standards obtained fewer extreme APRT scores, however (see Table 170).

Males and females had an equal level of weight awareness, but weight awareness was unrelated to any of the measures of weight or body fat (see Tables 186 to 189). High levels of weight awareness were related to high ratings on Army concern about individual nutrition (see Table 191).

e. Sources of Information. These data can be found in Annex A, Questions 108 to 121. The AMEDD was not generally a primary source of information on the issues and activities addressed in this study. This is surprising in light of the group studied, and is an obvious area for additional emphasis.

f. Multivariate Analyses. The results of these analyses can be found in Tables 195 to 211. The principle predictors of percent body fat were APRT Score, Age, Importance of Exercise, Sex, and Level of Unit Exercise (see Table 195). The predictors for APRT Score were Percent Body Fat, Importance of Exercise, and Age (see Table 196). The predictors of Total Exercise were Level of Individual Exercise, Level of Unit Exercise, APRT Score, and Age (see Table 197).

Discriminant function analysis was employed to classify the subjects on one variable based on their status with respect to other variables. Successful classification of subjects into an injury classification was dependent on the presence of exercise facility ratings in the discriminant functions (see Tables 198 to 203). This was also true with respect to classification on the basis of compliance with the height/weight standards and the percent body fat standards (see Tables 204 to 207). Classification with respect to passing or failing the APRT was accomplished with 83.6% accuracy (see Table 208). Individuals could be readily classified by type of previous unit (see Table 209), but accurate assignments to a MACOM could not be made (see Table 210). With regard to corps, MCs were most like the 68 series MSCs, DCs were most like the 67 series MSCs, ANCs were classified as ANCs, and MSCs generally received correct assignments (see Table 211).

4. CONCLUSIONS. Overweight and/or overfat AMEDD officers get as much exercise as those who are in compliance with the prescribed standards, and are only slightly more likely to fail the APRT. Thus, it would appear that overweight and/or overfat individuals are strongly motivated to comply with the Army standards of fitness. Individual exercise was far more important in determining success on the APRT. This is because there was no unit exercise available to many of the subjects. For this group, efforts to improve fitness should focus on providing time and basic facilities, such as lockers and showers, to support individual exercise efforts. Many of the subjects reported the lack of this basic level of support as a problem. The Academy of Health Sciences physical training program was effective with this group, in that it raised the percentage of individuals passing the APRT from 62 percent to 100 percent.

Roughly 25 percent of the subjects had sustained some sort of activity disrupting injury in the preceding year, few reported any long-lasting effects of these injuries. This would seem to be a high injury rate for this sort of group (Shephard, 1977). An education program focusing on injury prevention could be expected to produce results.

Almost 60 percent of the subjects had attempted to lose weight since coming on active duty. For recent weight control efforts, the weight loss goals were generally modest. These efforts had frequently been motivated by a desire to achieve some personal weight standard, and not by any concern over Army standards. The reported weight losses were generally maintained for significant periods, although many subjects reported that they had regained a significant portion of the lost weight. The respondents did not perceive unit weight control programs as having substantial effects on those involved in them. The findings of the present study may be taken as a guide to improving the overall physical fitness of the mid-career AMEDD Officer.

5. RECOMMENDATIONS. The findings of the present study suggest that there are a variety of areas in which the AMEDD can have a large impact on the fitness of its officers at a relatively low cost. Attention should be focused on providing information for individual programs in fitness and in the closely related area of weight control. The present findings indicate that, for this group, individual training programs have a greater impact than do organized unit programs. Thus, individual programs should be supported, particularly in units for which the mission will not allow organized unit efforts. The AMEDD should focus on the members of the AMEDD team first, then transfer successful efforts and programs to the Army as a whole. A subsequent study should focus on the AMEDD NCO.

6. LITERATURE CITED.

Army Weight Control Program, AR 600-9, Washington, DC: Headquarters, Department of the Army, 1 February 1983.

The Army Physical Fitness Program, AR 350-15, Washington, DC: Headquarters, Department of the Army, 15 August 1982.

Brubacker, C. E. Evaluating fitness. in Kuland, D. N. (Ed) The Injured Athlete, Philadelphia: J. B. Lippincott Co., 1982.

Campbell, J. S. Body Composition - An Alternative to Air Force Weight Standards. Air Command and Staff College Student Research Report No. 0430-81, 1981.

Clark, D. A., Kay, T. D., and Tatsch, R. R. Estimation of body composition by various methods. Aviation, Space, and Environmental Medicine. 1977, 48, 701-704.

The Commander's Handbook on Physical Fitness, DA Pam 350-15, Washington, DC: Headquarters, Department of the Army, October 1982.

Daniels, W. L., Kowal, D. M., Vogel, J. A., and Staufter, R. M. Physiological effects of a military training program on male and female cadets Aviation, Space, and Environmental Medicine, 1979, 50, 563-566.

De Moya, R. G. A biomechanical comparison of the running shoe and the combat boot. Military Medicine, 1982, 147, 380-383.

Department of Defense Study of the Military Service Physical Fitness, 3 April 1981.

Durnin, J. V. G. A., and Wormersley, J. Body fat assessed from total body density and its estimation from skinfold thickness: Measurements on 481 men and women aged from 16 to 72 years. British Journal of Nutrition, 1974, 32, 77-97.

Finegan, J. The battle of the bulge at Fort Eustis. The Times Magazine, 1 August 1981, 4-10

Finegan, J. Lifestyle After Action Report. Fort Eustis, VA: The Transportation School Brigade, 1981.

Fitness Handbook for the Individual Soldier. Fort Benjamin Harrison, IN: US Army Support Center, Draft, 1982.

Health and Fitness: The Corporate View. Reprints of articles which appeared in Athletic Purchasing and Facilities Magazine, July-December. 1980.

Houghton, D. R. Overweight - a sorry gain. Commanders Call, 1 June 1981, 2-6.

Kowal, D. M., Panhan, J. R., and Vogel, J. A. Physiological states and aerobic fitness of male and female recruits before and after basic training. Aviation, Space, and Environmental Medicine, 1978, 49, 603-606.

Kowal, D. M. Nature and causes of injuries in women resulting from an endurance training program. The American Journal of Sports Medicine, 1980, 8, 265-269.

Miller, P. M. and Sims, K. L. Evaluation and component analysis of a comprehensive weight control program. International Journal of Obesity, 1981, 5, 57-65.

Partlow, F. A. The "daily dozen" just won't do it. Army, February 1982a, 44-50.

Partlow, F. A. Letter of Instruction, Physical Readiness Training, Headquarters, 3rd Basic Training Brigade, Fort Leonard Wood, MO, 4 May 1982b.

Physical Readiness Training, FM 21-20, Washington, DC: Headquarters, Department of the Army, 1980.

Pilnacek, R. E. Fit to win - fitness update. Commanders Call, March 1983, 3-5.

Proper and improper weight loss programs. American College of Sports Medicine Position Statement. Aviation, Space, and Environmental Medicine, August 1983, 751-754.

The recommended quantity, and quality of exercise for developing and maintaining fitness in healthy adults. American College of Sports Medicine Position Statement. in Kuland, D. N. (Ed) The Injured Athlete. Philadelphia: J. B. Lippincott Co., 1982.

SAS User's Guide: Statistics, 1982 Edition. Cary, NC: SAS Institute, Inc., 1982.

Saunders, M. 1982 US Army Year of Physical Fitness, Soldiers Support Journal, May/June 1982, 147, 285-287.

Shackey, B. J. Fitness and Work Capacity. Washington, DC: Forest Service, US Department of Agriculture, 1977.

Sharp, D. S., Wright, J. E., Vogel, J. A., Patton, J. F., Daniel, W. L., Knapik, J., and Kowal, D. M. Screening for Physical Capacity in the US Army: An Analysis of Measures Predictive of Strength and Stamina. Natick, MA: US Army Research Institute of Environmental Medicine Report No. T8/80, 10 June 1980.

Shephard, R. J. Endurance Fitness, Second Edition. Toronto: University of Toronto Press, 1977.

Troxler, R. G. and Cayton, T. G. Stress reduction for business and industrial employees in Promoting Health Through Risk Reduction. New York: McMillan, 1982.

Werner, J. The Army total fitness program. Commanders Call, March - April 1982, 2-9.

TABLES

DEMOGRAPHICS, EXERCISE HISTORY, AND FITNESS

Tables 1 to 65

Table 1

PT OFFICER SAMPLE

SCALED AGE (CM) BY PASSED OR FAILED PER AR 350-15 (PTCODE)

CM / PTCODE	.	PASSED	FAILED	TOTAL
.	0	3	5	.
	.	.	.	.
	.	.	.	
	.	.	.	
20 TO 29	2	29	25	54
	.	16.48	14.20	30.68
	.	53.70	46.30	
	.	26.13	38.46	
30 TO 39	5	80	40	120
	.	45.45	22.73	68.18
	.	66.67	33.33	
	.	72.07	61.54	
40 AND MORE	1	2	0	2
	.	1.14	0.00	1.14
	.	100.00	0.00	
	.	1.80	0.00	
TOTAL	.	111	65	176
	.	63.07	36.93	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.871	DF= 2	PROB=0.1443
PHI	0.146		
CONTINGENCY COEFFICIENT	0.147		
CRAMER'S V	0.148		
LIKELIHOOD RATIO CHISQUARE	4.498	DF= 2	PROB=0.1055

Table 2

PT OFFICER SAMPLE

SCALED AGE (CM) BY SCALED APRT SCORE (PTRSLTS)

CM / PTRSLTS FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
.	0 . . .	2 . . .	3 . . .	1 . . .	2 . . .	. .
20 TO 29	9 4.89 16.07 30.00	8 4.35 14.29 29.63	22 11.96 39.29 32.84	8 4.35 14.29 28.57	9 4.89 16.07 28.13	56 30.43
30 TO 39	21 11.41 16.80 70.00	17 9.24 13.60 62.96	44 23.91 35.20 65.67	20 10.87 16.00 71.43	23 12.50 18.40 71.88	125 67.93
40 AND MORE	0 0.00 0.00 0.00	2 1.09 66.67 7.41	1 0.54 33.33 1.49	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.63
TOTAL	30 16.30	27 14.67	67 36.41	28 15.22	32 17.39	184 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.515	DF= 8	PROB=0.4822
PHI	0.202		
CONTINGENCY COEFFICIENT	0.198		
CRAMER'S V	0.143		
LIKELIHOOD RATIO CHISQUARE	6.391	DF= 8	PROB=0.6035

Table 3

PT OFFICER SAMPLE

TYPE OF UNIT (E) BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

E	PTCODE		
FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
.	1	3	0	3
OTHER	1	11 6.08 73.33 9.91	4 2.21 26.67 5.71	15 8.29
MTF	4	61 33.70 60.40 54.95	40 22.10 39.60 57.14	101 55.80
RES	0	7 3.87 53.85 6.31	6 3.31 46.15 8.57	13 7.18
FLD	2	26 14.36 66.67 23.42	13 7.18 33.33 18.57	39 21.55
STF	0	6 3.31 46.15 5.41	7 3.87 53.85 10.00	13 7.18
TOTAL		111 61.33	70 38.67	181 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.986	DF=	4	PROB=0.5602
PHI	0.128			
CONTINGENCY COEFFICIENT	0.127			
CRAMER'S V	0.128			
LIKELIHOOD RATIO CHISQUARE	2.998	DF=	4	PROB=0.5581

Table 4

PT OFFICER SAMPLE

TYPE OF UNIT (E) BY SCALED APRT SCORE (PTRSLTS)

E PTRSLTS

FREQUENCY / PERCENT / ROW PCT / COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
.	1 . . .	0 . . .	1 . . .	1 . . .	1 . . .	. .
OTHER	3 1.60 18.75 10.34	4 2.13 25.00 13.79	3 1.60 18.75 4.35	2 1.06 12.50 7.14	4 2.13 25.00 12.12	16 8.51
MTF	18 9.57 17.14 62.07	17 9.04 16.19 58.62	35 18.62 33.33 50.72	15 7.98 14.29 53.57	20 10.64 19.05 60.61	105 55.85
RES	2 1.06 15.38 6.90	3 1.60 23.08 10.34	5 2.66 38.46 7.25	1 0.53 7.69 3.57	2 1.06 15.38 6.06	13 6.91
FLD	5 2.66 12.20 17.24	3 1.60 7.32 10.34	20 10.64 48.78 28.99	8 4.26 19.51 28.57	5 2.66 12.20 15.15	41 21.81
STF	1 0.53 7.69 3.45	2 1.06 15.38 6.90	6 3.19 46.15 8.70	2 1.06 15.38 7.14	2 1.06 15.38 6.06	13 6.91
TOTAL	29 15.43	29 15.43	69 36.70	28 14.89	33 17.55	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	10.524	DF= 16	PROB=0.8379
PHI	0.237		
CONTINGENCY COEFFICIENT	0.230		
CRAMER'S V	0.118		
LIKELIHOOD RATIO CHISQUARE	11.067	DF= 16	PROB=0.8053

Table 5

PT OFFICER SAMPLE

SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)
BY TYPE OF UNIT (E)

	MUFID	E						
	FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
Low	LF 19	4	12 6.38 9.68 75.00	86 45.74 69.35 81.90	9 4.79 7.26 69.23	11 5.85 8.87 26.83	6 3.19 4.84 46.15	124 65.96
	20 TO 39	0	2 1.06 11.76 12.50	3 1.60 17.65 2.86	3 1.60 17.65 23.08	6 3.19 35.29 14.63	3 1.60 17.65 23.08	17 9.04
	40 TO 59	0	0 0.00 0.00 0.00	6 3.19 46.15 5.71	1 0.53 7.69 7.69	5 2.66 38.46 12.20	1 0.53 7.69 7.69	13 6.91
	60 TO 79	0	1 0.53 5.56 6.25	7 3.72 38.89 6.67	0 0.00 0.00 0.00	9 4.79 50.00 21.95	1 0.53 5.56 7.69	18 9.57
High	80 TO 100	0	1 0.53 6.25 6.25	3 1.60 18.75 2.86	0 0.00 0.00 0.00	10 5.32 62.50 24.39	2 1.06 12.50 15.38	16 8.51
	TOTAL		16 8.51	105 55.85	13 6.91	41 21.81	13 6.91	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	56.274	DF= 16	PROB=0.0001
PHI	0.547		
CONTINGENCY COEFFICIENT	0.480		
CRAMER'S V	0.274		
LIKELIHOOD RATIO CHISQUARE	57.177	DF= 16	PROB=0.0001

Table 6

PT OFFICER SAMPLE

SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)
BY MACOM CONTROLLING POST (F)

MUFID F

	FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
Low	LE 19	4	38 20.21 30.65 57.58	23 12.23 18.55 67.65	25 13.30 20.16 86.21	19 10.11 15.32 54.29	19 10.11 15.32 79.17	124 65.96
	20 TO 39	0	12 6.38 70.59 18.18	0 0.00 0.00 0.00	2 1.06 11.76 6.90	3 1.60 17.65 8.57	0 0.00 0.00 0.00	17 9.04
	40 TO 59	0	4 2.13 30.77 6.06	4 2.13 30.77 11.76	0 0.00 0.00 0.00	4 2.13 30.77 11.43	1 0.53 7.69 4.17	13 6.91
	60 TO 79	0	4 2.13 22.22 6.06	5 2.66 27.78 14.71	2 1.06 11.11 6.90	6 3.19 33.33 17.14	1 0.53 5.56 4.17	18 9.57
High	80 TO 100	0	8 4.26 50.00 12.12	2 1.06 12.50 5.88	0 0.00 0.00 0.00	3 1.60 18.75 8.57	3 1.60 18.75 12.50	16 8.51
	TOTAL	.	66 35.11	34 18.09	29 15.43	35 18.62	24 12.77	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	28.935	DF= 16	PROB=0.0244
PHI	0.392		
CONTINGENCY COEFFICIENT	0.365		
CRAMER'S V	0.196		
LIKELIHOOD RATIO CHISQUARE	36.496	DF= 16	PROB=0.0025

Table 7

PT OFFICER SAMPLE

SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)
BY MOS

	MUFID	MOS	MC	DC	VC	AMSC	ANC	MSCADM	MSCPROF	TOTAL
	FREQUENCY PERCENT ROW PCT COL PCT									
Low	LE 19	4	12 6.38 9.68 100.00	16 8.51 12.90 55.17	3 1.60 2.42 75.00	1 0.53 0.81 100.00	25 13.30 20.16 86.21	37 19.68 29.84 50.00	30 15.96 24.19 76.92	124 65.96
	20 TO 39	0	0 0.00 0.00 0.00	2 1.06 11.76 6.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 5.88 3.45	10 5.32 58.82 13.51	4 2.13 23.53 10.26	17 9.04
	40 TO 59	0	0 0.00 0.00 0.00	4 2.13 30.77 13.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.60 23.08 10.34	4 2.13 30.77 5.41	2 1.06 15.38 5.13	13 6.91
	60 TO 79	0	0 0.00 0.00 0.00	6 3.19 33.33 20.69	1 0.53 5.56 25.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 5.32 55.56 13.51	1 0.53 5.56 2.56	18 9.57
	80 TO 100	0	0 0.00 0.00 0.00	1 0.53 6.25 3.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13 6.91 81.25 17.57	2 1.06 12.50 5.13	16 8.51
High	TOTAL		12 6.38	29 15.43	4 2.13	1 0.53	29 15.43	74 39.36	39 20.74	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	41.084	DF= 24	PROB=0.0163
PHI	0.467		
CONTINGENCY COEFFICIENT	0.423		
CRAMER'S V	0.234		
LIKELIHOOD RATIO CHISQUARE	49.234	DF= 24	PROB=0.0018

Table 8

PT OFFICER SAMPLE

SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

	MUFID	WTCD	ACCEPTABLE	UNACCEPTABLE	TOTAL
		FREQUENCY PERCENT ROW PCT COL PCT	.		
Low	LE 19	3	97 51.32 77.60 66.90	28 14.81 22.40 63.64	125 66.14
	20 TO 39	0	11 5.82 64.71 7.59	6 3.17 35.29 13.64	17 8.99
	40 TO 59	0	12 6.35 92.31 8.28	1 0.53 7.69 2.27	13 6.88
	60 TO 79	0	12 6.35 66.67 8.28	6 3.17 33.33 13.64	18 9.52
High	80 TO 100	0	13 6.88 81.25 8.97	3 1.59 18.75 6.82	16 8.47
	TOTAL		145 76.72	44 23.28	189 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.399	DF= 4	PROB=0.3547
PHI	0.153		
CONTINGENCY COEFFICIENT	0.151		
CRAMER'S V	0.153		
LIKELIHOOD RATIO CHISQUARE	4.655	DF= 4	PROB=0.3245

Table 9

PT OFFICER SAMPLE

SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

	MUFID / PTCODE	.	PASSED	FAILED	TOTAL
Low	LE 19	6	74 40.22 60.66 64.91	48 26.09 39.34 68.57	122 66.30
	20 TO 39	9	13 7.07 76.47 11.40	4 2.17 23.53 5.71	17 9.24
	40 TO 59	0	8 4.35 61.54 7.02	5 2.72 38.46 7.14	13 7.07
	60 TO 79	1	11 5.98 64.71 9.65	6 3.26 35.29 8.57	17 9.24
High	80 TO 100	1	8 4.35 53.33 7.02	7 3.80 46.67 10.00	15 8.15
	TOTAL		114 61.96	70 38.04	184 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.136	DF= 4	PROB=0.7108
PHI	0.108		
CONTINGENCY COEFFICIENT	0.107		
CRAMER'S V	0.108		
LIKELIHOOD RATIO CHISQUARE	2.234	DF= 4	PROB=0.6928

Table 10

PT OFFICER SAMPLE

SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)
BY SCALED APRT SCORE (PTRSLTS)

MUFID	PTRSLTS					
FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
Low — LE 19	23 11.98 17.97 76.67	20 10.42 15.63 68.97	41 21.35 32.03 58.57	21 10.94 16.41 72.41	23 11.98 17.97 67.65	128 66.67
20 TO 39	1 0.52 5.88 3.33	3 1.56 17.65 10.34	7 3.65 41.18 10.00	1 0.52 5.88 3.45	5 2.60 29.41 14.71	17 8.85
40 TO 59	2 1.04 15.38 6.67	2 1.04 15.38 6.90	6 3.13 46.15 8.57	1 0.52 7.69 3.45	2 1.04 15.38 5.88	13 6.77
60 TO 79	2 1.04 11.11 6.67	2 1.04 11.11 6.90	11 5.73 61.11 15.71	2 1.04 11.11 6.90	1 0.52 5.56 2.94	18 9.38
80 TO 100 — High	2 1.04 12.50 6.67	2 1.04 12.50 6.90	5 2.60 31.25 7.14	4 2.08 25.00 13.79	3 1.56 18.75 8.82	16 8.33
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	12.094	DF= 16	PROB=0.7375
PHI	0.251		
CONTINGENCY COEFFICIENT	0.243		
CRAMER'S V	0.125		
LIKELIHOOD RATIO CHISQUARE	12.523	DF= 16	PROB=0.7073

Table 11

PT OFFICER SAMPLE

SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)
BY TYPE OF UNIT (E)

MIFID	E						
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	INTF	RES	FLD	STF	TOTAL
LF 19 (Low)	4	5	40	2	9	3	59
		2.66	21.28	1.06	4.79	1.60	31.38
		6.78	67.80	3.39	15.25	5.08	
		31.25	38.10	15.38	21.95	23.08	
20 TO 39	0	2	13	2	7	0	24
		1.06	6.91	1.06	3.72	0.00	12.77
		8.33	54.17	8.33	29.17	0.00	
		12.50	12.38	15.38	17.07	0.00	
40 TO 59	0	2	5	0	6	2	15
		1.06	2.66	0.00	3.19	1.06	7.98
		13.33	33.33	0.00	40.00	13.33	
		12.50	4.76	0.00	14.63	15.38	
60 TO 79	0	5	17	3	6	4	35
		2.66	9.04	1.60	3.19	2.13	18.62
		14.29	48.57	8.57	17.14	11.43	
		31.25	16.19	23.08	14.63	30.77	
80 TO 100 (High)	0	2	30	6	13	4	55
		1.06	15.96	3.19	6.91	2.13	29.26
		3.64	54.55	10.91	23.64	7.27	
		12.50	28.57	46.15	31.71	30.77	
TOTAL		16	105	13	41	13	188
		8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	18.471	DF= 16	PROB=0.2970
PHI	0.313		
CONTINGENCY COEFFICIENT	0.299		
CRAMER'S V	0.157		
LIKELIHOOD RATIO CHISQUARE	20.807	DF= 16	PROB=0.1861

Table 12

PT OFFICER SAMPLE

SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID) BY MACOM CONTROLLING POST (F)

MIFID F

	FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
Low	LE 19	4	21	9	11	10	8	59
			11.17	4.79	5.85	5.32	4.26	31.38
			35.59	15.25	18.64	16.95	13.56	
			31.82	26.47	37.93	28.57	33.33	
	20 TO 39	0	9	8	2	4	1	24
			4.79	4.26	1.06	2.13	0.53	12.77
			37.50	33.33	8.33	16.67	4.17	
			13.64	23.53	6.90	11.43	4.17	
	40 TO 59	0	5	4	2	2	2	15
			2.66	2.13	1.06	1.06	1.06	7.98
			33.33	26.67	13.33	13.33	13.33	
			7.58	11.76	6.90	5.71	8.33	
	60 TO 79	0	15	6	3	4	7	35
			7.98	3.19	1.60	2.13	3.72	18.62
			42.86	17.14	8.57	11.43	20.00	
			22.73	17.65	10.34	11.43	29.17	
	80 TO 100	0	16	7	11	15	6	55
High			8.51	3.72	5.85	7.98	3.19	29.26
			29.09	12.73	20.00	27.27	10.91	
			24.24	20.59	37.93	42.86	25.00	
	TOTAL		66	34	29	35	24	188
			35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	15.657	DF= 16	PROB=0.4771
PHI	0.289		
CONTINGENCY COEFFICIENT	0.277		
CRAMER'S V	0.144		
LIKELIHOOD RATIO CHISQUARE	15.545	DF= 16	PROB=0.4851

Table 13

PT OFFICER SAMPLE

SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID) BY MOS

MIFID	MOS	MC	DC	VC	AMSC	ANC	MSCADM	MSCPROF	TOTAL
Low	LF 19	4 3.19 10.17 50.00	12 6.38 20.34 41.38	1 0.53 1.69 25.00	1 0.53 1.69 100.00	13 6.91 22.03 44.83	18 9.57 30.51 24.32	8 4.26 13.56 20.51	59 31.38
	20 TO 39	0 0.53 4.17 8.33	2 1.06 8.33 6.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.13 16.67 13.79	10 5.32 41.67 13.51	7 3.72 29.17 17.95	24 12.77
	40 TO 59	0 0.53 6.67 8.33	4 2.13 26.67 13.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.60 20.00 10.34	6 3.19 40.00 8.11	1 0.53 6.67 2.56	15 7.98
	60 TO 79	0 2 1.06 5.71 16.67	4 2.13 11.43 13.79	2 1.06 5.71 50.00	0 0.00 0.00 0.00	3 1.60 8.57 10.34	15 7.98 42.86 20.27	9 4.79 25.71 23.08	35 18.62
	80 TO 100	0 2 1.06 3.64 16.67	7 3.72 12.73 24.14	1 0.53 1.82 25.00	0 0.00 0.00 0.00	6 3.19 10.91 20.69	25 13.30 45.45 33.78	14 7.45 25.45 35.90	55 29.26
High	TOTAL	12 6.38	29 15.43	4 2.13	1 0.53	29 15.43	74 39.36	39 20.74	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	21.206	DF= 24	PROB=0.6265
PHI	0.336		
CONTINGENCY COEFFICIENT	0.318		
CRAMER'S V	0.168		
LIKELIHOOD RATIO CHISQUARE	22.055	DF= 24	PROB=0.5760

Table 14

PT OFFICER SAMPLE

SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MIFID	WTCD	ACCEPTABLE	UNACCEPTABLE	TOTAL
Low LE 19	0	44 24.34 73.02 31.72	17 8.99 26.98 38.64	61 33.33
20 TO 39	1	17 8.49 73.91 11.72	6 3.17 26.09 13.64	23 12.17
40 TO 59	0	13 6.88 86.67 8.97	2 1.06 13.33 4.55	15 7.94
60 TO 79	0	26 13.76 74.29 17.93	9 4.76 25.71 20.45	35 18.52
80 TO 100 High	2	43 22.75 81.13 29.66	10 5.29 18.87 22.73	53 28.04
TOTAL		145 76.72	44 23.28	189 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.110	DF= 4	PROB=0.7155
PHI	0.106		
CONTINGENCY COEFFICIENT	0.105		
CRAMER'S V	0.106		
LIKELIHOOD RATIO CHISQUARE	2.226	DF= 4	PROB=0.6942

Table 15

PT OFFICER SAMPLE

SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

	MIFID / PTCODE	.	PASSED	FAILED	TOTAL
Low	LE 19	2	29	32	61
			15.76	17.39	33.15
			47.54	52.46	
			25.44	45.71	
	20 TO 39	1	15	8	23
			8.15	4.35	12.50
			65.22	34.78	
			13.16	11.43	
	40 TO 59	0	6	9	15
			3.26	4.89	8.15
			40.00	60.00	
			5.26	12.86	
	60 TO 79	3	24	8	32
			13.04	4.35	17.39
			75.00	25.00	
			21.05	11.43	
High	80 TO 100	2	40	13	53
			21.74	7.07	28.80
			75.47	24.53	
			35.09	18.57	
	TOTAL		114	70	184
			61.96	38.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	14.967	DF= 4	PROB=0.0048
PHI	0.285		
CONTINGENCY COEFFICIENT	0.274		
CRAMER'S V	0.285		
LIKELIHOOD RATIO CHISQUARE	15.086	DF= 4	PROB=0.0045

Table 16

PT OFFICER SAMPLE

SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)
BY SCALED APRT SCORE (PTRSLTS)

MIFID	PTRSLTS					
FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
Low — LE 19	18 9.38 28.57 60.00	13 6.77 20.63 44.83	21 10.94 33.33 30.00	9 4.69 14.29 31.03	2 1.04 3.17 5.88	63 32.81
20 TO 39	3 1.56 12.50 10.00	4 2.08 16.67 13.79	14 7.29 58.33 20.00	2 1.04 8.33 6.90	1 0.52 4.17 2.94	24 12.50
40 TO 59	3 1.56 20.00 10.00	3 1.56 20.00 10.34	5 2.60 33.33 7.14	4 2.08 26.67 13.79	0 0.00 0.00 0.00	15 7.81
60 TO 79	4 2.08 11.43 13.33	5 2.60 14.29 17.24	9 4.69 25.71 12.86	6 3.13 17.14 20.69	11 5.73 31.43 32.35	35 18.23
80 TO 100 — High	2 1.04 3.64 6.67	4 2.08 7.27 13.79	21 10.94 38.18 30.00	8 4.17 14.55 27.59	20 10.42 36.36 58.82	55 28.65
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	50.237	DF= 16	PROB=0.0001
PHI	0.512		
CONTINGENCY COEFFICIENT	0.455		
CRAMER'S V	0.256		
LIKELIHOOD RATIO CHISQUARE	55.588	DF= 16	PROB=0.0001

Table 17

PT OFFICER SAMPLE

SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID) BY TYPE OF UNIT (E)

	SMFID	E						
	FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
Low	LE 19	4	5 2.66 10.42 31.25	34 18.09 70.83 32.38	2 1.06 4.17 15.38	3 1.60 6.25 7.32	4 2.13 8.33 30.77	48 25.53
	20 TO 39	0	0 0.00 0.00 0.00	10 5.32 100.00 9.52	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 5.32
	40 TO 59	0	2 1.06 22.22 12.50	5 2.66 55.56 4.76	0 0.00 0.00 0.00	2 1.06 22.22 4.88	0 0.00 0.00 0.00	9 4.79
	60 TO 79	0	5 2.66 23.81 31.25	11 5.85 52.38 10.48	3 1.60 14.29 23.08	0 0.00 0.00 0.00	2 1.06 9.52 15.38	21 11.17
High	80 TO 100	0	4 2.13 4.00 25.00	45 23.94 45.00 42.86	8 4.26 8.00 61.54	36 19.15 36.00 87.80	7 3.72 7.00 53.85	100 53.19
	TOTAL		16 8.51	105 55.85	13 6.91	41 21.81	13 6.91	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	45.426	DF= 16	PROB=0.0001
PHI	0.492		
CONTINGENCY COEFFICIENT	0.441		
CRAMER'S V	0.246		
LIKELIHOOD RATIO CHISQUARE	53.279	DF= 16	PROB=0.0001

Table 18

PT OFFICER SAMPLE

SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID) BY MOS

SMFID	MOS	MC	DC	VC	AMSC	ANC	MSCADM	MSCPROF	TOTAL
	FREQUENCY PERCENT ROW PCT COL PCT								
Low	LE 19	4	6 3.19 12.50 50.00	7 3.72 14.58 24.14	0 0.00 0.00 0.00	1 0.53 2.08 100.00	11 5.85 22.92 37.93	15 7.98 31.25 20.27	8 4.26 16.67 20.51	48 25.53
	20 TO 39	0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 2.66 50.00 17.24	1 0.53 10.00 1.35	4 2.13 40.00 10.26	10 5.32
	40 TO 59	0	1 0.53 11.11 8.33	2 1.06 22.22 6.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.06 22.22 6.90	3 1.60 33.33 4.05	1 0.53 11.11 2.56	9 4.79
	60 TO 79	0	3 1.60 14.29 25.00	3 1.60 14.29 10.34	3 1.60 14.29 75.00	0 0.00 0.00 0.00	2 1.06 9.52 6.90	5 2.66 23.81 6.76	5 2.66 23.81 12.82	21 11.17
High	80 TO 100	0	2 1.06 2.00 16.67	17 9.04 17.00 58.62	1 0.53 1.00 25.00	0 0.00 0.00 0.00	9 4.79 9.00 31.03	50 26.60 50.00 67.57	21 11.17 21.00 53.85	100 53.19
	TOTAL		12 6.38	29 15.43	4 2.13	1 0.53	29 15.43	74 39.36	39 20.74	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	53.204	DF= 24	PROB=0.0005
PHI	0.532		
CONTINGENCY COEFFICIENT	0.470		
CRAMER'S V	0.266		
LIKELIHOOD RATIO CHISQUARE	46.459	DF= 24	PROB=0.0039

Table 19

PT OFFICER SAMPLE

SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID) BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

	SMFID	WTCD			
	FREQUENCY PERCENT ROW PCT COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
Low	LE 19	0	38 20.11 73.08 26.21	14 7.41 26.92 31.82	52 27.51
	20 TO 39	0	7 3.70 70.00 4.83	3 1.59 30.00 6.82	10 5.29
	40 TO 59	0	7 3.70 77.78 4.83	2 1.06 22.22 4.55	9 4.76
	60 TO 79	0	19 10.05 90.48 13.10	2 1.06 9.52 4.55	21 11.11
High	80 TO 100	3	74 39.15 76.29 51.03	23 12.17 23.71 52.27	97 51.32
	TOTAL		145 76.72	44 23.28	189 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.880	DF= 4	PROB=0.5781
PHI	0.123		
CONTINGENCY COEFFICIENT	0.123		
CRAMER'S V	0.123		
LIKELIHOOD RATIO CHISQUARE	3.319	DF= 4	PROB=0.5059

Table 20

PT OFFICER SAMPLE

SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID) BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

SMFID	PTCODE		
FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
LE 19 (Low)	2	24 13.04 48.00 21.05	26 14.13 52.00 37.14	50 27.17
20 TO 39	0	3 1.63 30.00 2.63	7 3.80 70.00 10.00	10 5.43
40 TO 59	0	2 1.09 22.22 1.75	7 3.80 77.78 10.00	9 4.89
60 TO 79	2	16 8.70 84.21 14.04	3 1.63 15.79 4.29	19 10.33
80 TO 100 (High)	4	69 37.50 71.88 60.53	27 14.67 28.13 38.57	96 52.17
TOTAL		114 61.96	70 38.04	184 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	22.492	DF= 4	PROB=0.0002
PHI	0.350		
CONTINGENCY COEFFICIENT	0.330		
CRAMER'S V	0.350		
LIKELIHOOD RATIO CHISQUARE	22.820	DF= 4	PROB=0.0001

Table 21

PT OFFICER SAMPLE

SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID) BY SCALED APRT SCORE (PTRSLTS)

SMFID	PTRSLTS					
FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
Low — LE 19	13 6.77 25.00 43.33	12 6.25 23.08 41.38	18 9.38 34.62 25.71	6 3.13 11.54 20.69	3 1.56 5.77 8.82	52 27.08
20 TO 39	2 1.04 20.00 6.67	3 1.56 30.00 10.34	4 2.08 40.00 5.71	0 0.00 0.00 0.00	1 0.52 10.00 2.94	10 5.21
40 TO 59	4 2.08 44.44 13.33	3 1.56 33.33 10.34	2 1.04 22.22 2.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 4.69
60 TO 79	1 0.52 4.76 3.33	2 1.04 9.52 6.90	6 3.13 28.57 8.57	5 2.60 23.81 17.24	7 3.65 33.33 20.59	21 10.94
80 TO 100 — High	10 5.21 10.00 33.33	9 4.69 9.00 31.03	40 20.83 40.00 57.14	18 9.38 18.00 62.07	23 11.98 23.00 67.65	100 52.08
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	36.773	DF= 16	PROB=0.0023
PHI	0.438		
CONTINGENCY COEFFICIENT	0.401		
CRAMER'S V	0.219		
LIKELIHOOD RATIO CHISQUARE	40.174	DF= 16	PROB=0.0007

Table 22

PT OFFICER SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, and Q172 (MARC) BY TYPE OF UNIT (E)

MARC	E						
FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
LE 1.75	4	8	44	4	11	2	69
		4.26	23.40	2.13	5.85	1.06	36.70
High		11.59	63.77	5.80	15.94	2.90	
		50.00	41.90	30.77	26.83	15.38	
1.76 TO 2.50	0	6	45	6	21	7	85
		3.19	23.94	3.19	11.17	3.72	45.21
		7.06	52.94	7.06	24.71	8.24	
		37.50	42.86	46.15	51.22	53.85	
2.51 TO 3.25	0	2	16	3	9	4	34
		1.06	8.51	1.60	4.79	2.13	18.09
Low		5.88	47.06	8.82	26.47	11.76	
		12.50	15.24	23.08	21.95	30.77	
TOTAL		16	105	13	41	13	188
		8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.673	DF=	8	PROB=0.4661
PHI	0.202			
CONTINGENCY COEFFICIENT	0.198			
CRAMER'S V	0.143			
LIKELIHOOD RATIO CHISQUARE	7.946	DF=	8	PROB=0.4388

Table 23

PT OFFICER SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, & Q172 (MARC)
BY MACOM CONTROLLING POST (F)

MARC / FREQUENCY / PERCENT / ROW PCT / COL PCT	F	FORSCOM	TRADOC	HSC - DARCOM	UCONUS	OTHER	TOTAL
LE 1.75	4	28	9	11	12	9	69
		14.89	4.79	5.85	6.38	4.79	36.70
High		40.58	13.04	15.94	17.39	13.04	
		42.42	26.47	37.93	34.29	37.50	
1.76 TO 2.50	0	24	20	12	17	12	85
		12.77	10.64	6.38	9.04	6.38	45.21
		28.24	23.53	14.12	20.00	14.12	
		36.36	58.82	41.38	48.57	50.00	
2.51 TO 3.25	0	14	5	6	6	3	34
		7.45	2.66	3.19	3.19	1.60	18.09
		41.18	14.71	17.65	17.65	8.82	
Low		21.21	14.71	20.69	17.14	12.50	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.581	DF= 8	PROB=0.6940	
PHI	0.172			
CONTINGENCY COEFFICIENT	0.170			
CRAMER'S V	0.122			
LIKELIHOOD RATIO CHISQUARE	5.659	DF= 8	PROB=0.6854	

Table 24

PT OFFICER SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, & Q172 (MARC)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MARC	MUFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High — LE 1.75	58 30.21 79.45 45.31	3 1.56 4.11 17.65	4 2.08 5.48 30.77	3 1.56 4.11 16.67	5 2.60 6.85 31.25	73 38.02
1.76 TO 2.50	53 27.60 62.35 41.41	8 4.17 9.41 47.06	6 3.13 7.06 46.15	10 5.21 11.76 55.56	8 4.17 9.41 50.00	85 44.27
2.51 TO 3.25	17 8.85 50.00 13.28	6 3.13 17.65 35.29	3 1.56 8.82 23.08	5 2.60 14.71 27.78	3 1.56 8.82 18.75	34 17.71
Low — TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	12.729	DF= 8	PROB=0.1215
PHI	0.257		
CONTINGENCY COEFFICIENT	0.249		
CRAMER'S V	0.182		
LIKELIHOOD RATIO CHISQUARE	12.947	DF= 8	PROB=0.1137

Table 25

PT OFFICER SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, and Q172 (MARC)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MARC	MIFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
High LE 1.75	31 16.15 42.47 49.21	8 4.17 10.96 33.33	1 0.52 1.37 6.67	12 6.25 16.44 34.29	21 10.94 28.77 38.18	73 38.02
1.76 TO 2.50	23 11.98 27.06 36.51	10 5.21 11.76 41.67	11 5.73 12.94 73.33	16 8.33 18.82 45.71	25 13.02 29.41 45.45	85 44.27
2.51 TO 3.25 Low	9 4.69 26.47 14.29	6 3.13 17.65 25.00	3 1.56 8.82 20.00	7 3.65 20.59 20.00	9 4.69 26.47 16.36	34 17.71
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	11.351	DF= 8	PROB=0.1826
PHI	0.243		
CONTINGENCY COEFFICIENT	0.236		
CRAMER'S V	0.172		
LIKELIHOOD RATIO CHISQUARE	12.750	DF= 8	PROB=0.1207

Table 26

PT OFFICER SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, and Q172 (MARC)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MARC	SMFID	Low			High		
FREQUENCY PERCENT ROW PCT COL PCT		LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High	LE 1.75	27 14.06 36.99 51.92	5 2.60 6.85 50.00	0 0.00 0.00 0.00	10 5.21 13.70 47.62	31 16.15 42.47 31.00	73 38.02
	1.76 TO 2.50	19 9.90 22.35 36.54	2 1.04 2.35 20.00	7 3.65 8.24 77.78	9 4.69 10.59 42.86	48 25.00 56.47 48.00	85 44.27
Low	2.51 TO 3.25	6 3.13 17.65 11.54	3 1.56 8.82 30.00	2 1.04 5.88 22.22	2 1.04 5.88 9.52	21 10.94 61.76 21.00	34 17.71
	TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	16.368	DF=	8	PROB=0.0374
PHI	0.292			
CONTINGENCY COEFFICIENT	0.280			
CRAMER'S V	0.206			
LIKELIHOOD RATIO CHISQUARE	19.619	DF=	8	PROB=0.0119

Table 27

PT OFFICER SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, and Q172 (MARC)
BY SCALED EXERCISE IMPORTANCE - mean of
Q149-Q154, Q157, Q159, & Q160 (MIMPEX)

MARC	MIMPEX	High		Low		
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
High — LE 1.75	2	22 11.70 30.99 42.86	23 12.23 32.39 29.49	4 2.13 5.63 40.00	2 1.06 2.82 100.00	71 37.77
1.76 TO 2.50	1	26 13.83 30.95 50.00	35 18.62 41.67 44.87	3 1.60 3.57 30.00	0 0.000 0.000 0.000	84 44.68
Low — 2.51 TO 3.25	1	20 10.64 60.61 38.46	10 5.32 30.30 12.82	3 1.60 9.09 30.00	0 0.000 0.000 0.000	33 17.55
TOTAL		98 52.13	78 41.49	10 5.32	2 1.06	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	12.553	DF= 6	PROB=0.0507
PHI	0.258		
CONTINGENCY COEFFICIENT	0.250		
CRAMER'S V	0.183		
LIKELIHOOD RATIO CHISQUARE	13.068	DF= 6	PROB=0.0420

Table 28

PT OFFICER SAMPLE

SCALED ARMY NUTRITION - MEAN OF Q169, Q172, and Q174 (MARN)
BY TYPE OF UNIT (E)

MARN	E	.	OTHER	MTF	RES	FLD	STF	TOTAL
High	LE 1.76	4	15 7.98 8.72 93.75	97 51.60 56.40 92.38	12 6.38 6.98 92.31	35 18.62 20.35 85.37	13 6.91 7.56 100.00	172 91.49
	1.76 TO 2.50	0	0 0.00 0.00 0.00	5 2.66 45.45 4.76	1 0.53 9.09 7.69	5 2.66 45.45 12.20	0 0.00 0.00 0.00	11 5.85
	2.51 TO 3.25	0	0 0.00 0.00 0.00	2 1.06 66.67 1.90	0 0.00 0.00 0.00	1 0.53 33.33 2.44	0 0.00 0.00 0.00	3 1.60
Low	GT 3.25	0	1 0.53 50.00 6.25	1 0.53 50.00 0.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.06
	TOTAL		16 8.51	105 55.85	13 6.91	41 21.81	13 6.91	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	10.781	DF= 12	PROB=0.5478	
PHI	0.239			
CONTINGENCY COEFFICIENT	0.233			
CRAMER'S V	0.138			
LIKELIHOOD RATIO CHISQUARE	10.999	DF= 12	PROB=0.5290	

Table 29

PT OFFICER SAMPLE

SCALED ARMY NUTRITION - MEAN OF Q169, Q172, and Q174 (MARN)
BY MACOM CONTROLLING POST (F)

	MARN / F	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
High	LE 1.76	4	65	29	25	29	24	172
			34.57	15.43	13.30	15.43	12.77	91.49
			37.79	16.86	14.53	16.86	13.95	
			98.48	85.29	86.21	82.86	100.00	
	1.76 TO 2.50	0	1	3	2	5	0	11
			0.53	1.60	1.06	2.66	0.00	5.85
			9.09	27.27	18.18	45.45	0.00	
			1.52	8.82	6.90	14.29	0.00	
	2.51 TO 3.25	0	0	2	0	1	0	3
			0.00	1.06	0.00	0.53	0.00	1.60
			0.00	66.67	0.00	33.33	0.00	
			0.00	5.88	0.00	2.86	0.00	
Low	GT 3.25	0	0	0	2	0	0	2
			0.00	0.00	1.06	0.00	0.00	1.06
			0.00	0.00	100.00	0.00	0.00	
			0.00	0.00	6.90	0.00	0.00	
	TOTAL		66	34	29	35	24	188
			35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	26.536	DF= 12	PROB=0.0090
PHI	0.376		
CONTINGENCY COEFFICIENT	0.352		
CRAMER'S V	0.217		
LIKELIHOOD RATIO CHISQUARE	24.266	DF= 12	PROB=0.0187

Table 30

PT OFFICER SAMPLE

SCALED ARMY NUTRITION - MEAN OF Q169, Q172, and Q174 (MARN)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MARN	WTCD	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.76	3	135 71.43 78.03 93.10	38 20.11 21.97 86.36	173 91.53
	1.76 TO 2.50	0	7 3.70 63.64 4.83	4 2.12 36.36 9.09	11 5.82
	2.51 TO 3.25	0	2 1.06 66.67 1.38	1 0.53 33.33 2.27	3 1.59
Low	GT 3.25	0	1 0.53 50.00 0.69	1 0.53 50.00 2.27	2 1.06
	TOTAL		145 76.72	44 23.28	189 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.191	DF= 3	PROB=0.5337
PHI	0.108		
CONTINGENCY COEFFICIENT	0.107		
CRAMER'S V	0.108		
LIKELIHOOD RATIO CHISQUARE	1.948	DF= 3	PROB=0.5832

Table 31

PT OFFICER SAMPLE

SCALED ARMY NUTRITION - MEAN OF Q169, Q172, and Q174 (MARN)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

MARN	PFATRNG				
FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
High — LE 1.76	50 26.04 28.41 100.00	41 21.35 23.30 91.11	50 26.04 28.41 87.72	35 18.23 19.89 87.50	176 91.67
1.76 TO 2.50	0 0.00 0.00 0.00	3 1.56 27.27 6.67	4 2.08 36.36 7.02	4 2.08 36.36 10.00	11 5.73
2.51 TO 3.25	0 0.00 0.00 0.00	1 0.52 33.33 2.22	2 1.04 66.67 3.51	0 0.00 0.00 0.00	3 1.56
GT 3.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52 50.00 1.75	1 0.52 50.00 2.50	2 1.04
Low — TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.923	DF= 9	PROB=0.3568
PHI	0.227		
CONTINGENCY COEFFICIENT	0.222		
CRAMER'S V	0.131		
LIKELIHOOD RATIO CHISQUARE	14.267	DF= 9	PROB=0.1132

Table 32

PT OFFICER SAMPLE

SCALED ARMY NUTRITION - MEAN OF Q169, Q172, and Q174 (MARN)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

	MARN / FREQUENCY / PERCENT / ROW PCT / COL PCT	MAXFAT ACCEPTABLE	MAXFAT UNACCEPTABLE	TOTAL
High	LE 1.76	158 82.29 89.77 92.40	18 9.38 10.23 85.71	176 91.67
	1.76 TO 2.50	8 4.17 72.73 4.68	3 1.56 27.27 14.29	11 5.73
	2.51 TO 3.25	3 1.56 100.00 1.75	0 0.00 0.00 0.00	3 1.56
Low	GT 3.25	2 1.04 100.00 1.17	0 0.00 0.00 0.00	2 1.04
	TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.718	DF= 3	PROB=0.2935
PHI	0.139		
CONTINGENCY COEFFICIENT	0.138		
CRAMER'S V	0.139		
LIKELIHOOD RATIO CHISQUARE	3.491	DF= 3	PROB=0.3219

Table 33

PT OFFICER SAMPLE

SCALED ARMY NUTRITION - MEAN OF Q169, Q172, and Q174 (MARN)
BY SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, and Q185 (MWTAW)

MARN	MWTAW	High			Low	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
High	LE 1.76	129 67.19 73.30 95.56	41 21.35 23.30 82.00	5 2.60 2.84 83.33	1 0.52 0.57 100.00	176 91.67
	1.76 TO 2.50	3 1.56 27.27 2.22	7 3.65 63.64 14.00	1 0.52 9.09 16.67	0 0.00 0.00 0.00	11 5.73
	2.51 TO 3.25	3 1.56 100.00 2.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.56
Low	GT 3.25	0 0.00 0.00 0.00	2 1.04 100.00 4.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.04
	TOTAL	135 70.31	50 26.04	6 3.13	1 0.52	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	17.910	DF= 9	PROB=0.0362
PHI	0.305		
CONTINGENCY COEFFICIENT	0.292		
CRAMER'S V	0.176		
LIKELIHOOD RATIO CHISQUARE	17.260	DF= 9	PROB=0.0448

Table 34

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY TYPE OF UNIT (E)

MIMPEX	E						
FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
High .	0 . . .	0 . . .	2 . . .	0 . . .	2 . . .	0 . . .	. .
LE 1.75	4 . . .	5 2.72 5.32 31.25	55 29.89 58.51 53.40	6 3.26 6.38 46.15	20 10.87 21.28 51.28	8 4.35 8.51 61.54	94 51.09
1.76 TO 2.50	0 . . .	9 4.89 11.54 56.25	41 22.28 52.56 39.81	6 3.26 7.69 46.15	17 9.24 21.79 43.59	5 2.72 6.41 38.46	78 42.39
2.51 TO 3.25	0 . . .	1 0.54 10.00 6.25	6 3.26 60.00 5.83	1 0.54 10.00 7.69	2 1.09 20.00 5.13	0 0.00 0.00 0.00	10 5.43
GT 3.25	0 . . .	1 0.54 50.00 6.25	1 0.54 50.00 0.97	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.09
Low TOTAL	. .	16 8.70	103 55.98	13 7.07	39 21.20	13 7.07	184 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	8.198	DF= 12	PROB=0.7694	
PHI	0.211			
CONTINGENCY COEFFICIENT	0.207			
CRAMER'S V	0.122			
LIKELIHOOD RATIO CHISQUARE	7.638	DF= 12	PROB=0.8128	

Table 35

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY MACOM CONTROLLING POST (F)

MIMPEX	F	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
High	.	0	1	1	1	0	1	
	LE 1.75	4	35 19.02 37.23 53.85	13 7.07 13.83 39.39	15 8.15 15.96 53.57	17 9.24 18.09 48.57	14 7.61 14.89 60.87	94 51.09
	1.76 TO 2.50	0	25 13.59 32.05 38.46	19 10.33 24.36 57.58	11 5.98 14.10 39.29	15 8.15 19.23 42.86	8 4.35 10.26 34.78	78 42.39
	2.51 TO 3.25	0	4 2.17 40.00 6.15	1 0.54 10.00 3.03	2 1.09 20.00 7.14	3 1.63 30.00 8.57	0 0.00 0.00 0.00	10 5.43
	GT 3.25	0	1 0.54 50.00 1.54	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.54 50.00 4.35	2 1.09
Low	TOTAL		65 35.33	33 17.93	28 15.22	35 19.02	23 12.50	184 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.762	DF= 12	PROB=0.6369
PHI	0.230		
CONTINGENCY COEFFICIENT	0.224		
CRAMER'S V	0.133		
LIKELIHOOD RATIO CHISQUARE	10.916	DF= 12	PROB=0.5361

Table 36

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY SEX (D)

MIMPEX	D FREQUENCY PERCENT ROW PCT COL PCT	.	FEMALE	MALE	TOTAL
	.	0	0	4	4
High	LE 1.75	2	22 11.96 22.92 55.00	74 40.22 77.08 51.39	96 52.17
	1.76 TO 2.50	2	12 6.52 15.79 30.00	64 34.78 84.21 44.44	76 41.30
	2.51 TO 3.25	0	4 2.17 40.00 10.00	6 3.26 60.00 4.17	10 5.43
Low	GT 3.25	0	2 1.09 100.00 5.00	0 0.00 0.00 0.00	2 1.09
	TOTAL		40 21.74	144 78.26	184 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	10.820	DF= 3	PROB=0.0127
PHI	0.242		
CONTINGENCY COEFFICIENT	0.236		
CRAMER'S V	0.242		
LIKELIHOOD RATIO CHISQUARE	9.576	DF= 3	PROB=0.0225

Table 37

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY MOS

MIMPEX / MOS FREQUENCY PERCENT ROW PCT COL PCT		MC	UC	VC	AMSC	ANC	MSCADM	MSCPROF	TOTAL
.	0	0	1	0	0	0	3	0	.
	:	:	:	:	:	:	:	:	.
	:	:	:	:	:	:	:	:	
LE 1.75	4	3	14	1	0	13	43	20	94
	:	1.63	7.61	0.54	0.00	7.07	23.37	10.87	51.09
High	:	3.19	14.89	1.06	0.00	13.83	45.74	21.28	
	:	25.00	50.00	25.00	0.00	44.83	60.56	51.28	
1.76 TO 2.50	0	8	13	3	1	12	27	14	78
	:	4.35	7.07	1.63	0.54	6.52	14.67	7.61	42.39
	:	10.26	16.67	3.85	1.28	15.38	34.62	17.95	
	:	66.67	46.43	75.00	100.00	41.38	38.03	35.90	
2.51 TO 3.25	0	1	1	0	0	2	1	5	10
	:	0.54	0.54	0.00	0.00	1.09	0.54	2.72	5.43
	:	10.00	10.00	0.00	0.00	20.00	10.00	50.00	
	:	8.33	3.57	0.00	0.00	6.90	1.41	12.82	
GT 3.25	0	0	0	0	0	2	0	0	2
	:	0.00	0.00	0.00	0.00	1.09	0.00	0.00	1.09
	:	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
Low	:	0.00	0.00	0.00	0.00	6.90	0.00	0.00	
TOTAL	:	12	28	4	1	29	71	39	184
	:	6.52	15.22	2.17	0.54	15.76	38.59	21.20	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	25.867	DF= 18	PROB=0.1028
PHI	0.375		
CONTINGENCY COEFFICIENT	0.351		
CRAMER'S V	0.216		
LIKELIHOOD RATIO CHISQUARE	22.957	DF= 18	PROB=0.1922

Table 38

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MIMPEX	MUFID	Low				High	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
	.	3 . . .	1 . . .	0 . . .	0 . . .	0 . . .	.
High	LE 1.75	62 32.98 63.27 49.60	10 5.32 10.20 62.50	7 3.72 7.14 53.85	8 4.26 8.16 44.44	11 5.85 11.22 68.75	98 52.13
	1.76 TO 2.50	54 28.72 69.23 43.20	4 2.13 5.13 25.00	5 2.66 6.41 38.46	10 5.32 12.82 55.56	5 2.66 6.41 31.25	78 41.49
	2.51 TO 3.25	7 3.72 70.00 5.60	2 1.06 20.00 12.50	1 0.53 10.00 7.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 5.32
Low	GT 3.25	2 1.06 100.00 1.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.06
	TOTAL	125 66.49	16 8.51	13 6.91	18 9.57	16 8.51	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	8.495	DF= 12	PROB=0.7454
PHI	0.213		
CONTINGENCY COEFFICIENT	0.208		
CRAMER'S V	0.123		
LIKELIHOOD RATIO CHISQUARE	10.524	DF= 12	PROB=0.5701

Table 39

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MIMPEX	MIFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
.	1 . . .	2 . . .	1 . . .	0 . . .	0 . . .	.
LE 1.75	15 7.98 15.31 24.19	7 3.72 7.14 31.82	5 2.66 5.10 35.71	24 12.77 24.49 68.57	47 25.00 47.96 85.45	98 52.13
1.76 TO 2.50	41 21.81 52.56 66.13	11 5.85 14.10 50.00	9 4.79 11.54 64.29	10 5.32 12.82 28.57	7 3.72 8.97 12.73	78 41.49
2.51 TO 3.25	5 2.66 50.00 8.06	4 2.13 40.00 18.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 10.00 1.82	10 5.32
GT 3.25	1 0.53 50.00 1.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 50.00 2.86	0 0.00 0.00 0.00	2 1.06
TOTAL	62 32.98	22 11.70	14 7.45	35 18.62	55 29.26	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	62.661	DF=	12	PROB=0.0001
PHI	0.577			
CONTINGENCY COEFFICIENT	0.500			
CRAMER'S V	0.333			
LIKELIHOOD RATIO CHISQUARE	66.767	DF=	12	PROB=0.0001

Table 40

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES
INTENSITY TIMES DURATION (SMFID)

MIMPEX	FREQUENCY / PERCENT / ROW PCT / COL PCT	SMFID Low: LE 19	20 TO 39	40 TO 59	60 TO 79	High: 80 TO 100	TOTAL
	.	2	0	0	1	1	.
High	LE 1.75	11 5.85 11.22 22.00	6 3.19 6.12 60.00	2 1.06 2.04 22.22	10 5.32 10.20 50.00	69 36.70 70.41 69.70	98 52.13
	1.76 TO 2.50	33 17.55 42.31 66.00	2 1.06 2.56 20.00	7 3.72 8.97 77.78	9 4.79 11.54 45.00	27 14.36 34.62 27.27	78 41.49
	2.51 TO 3.25	5 2.66 50.00 10.00	2 1.06 20.00 20.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.60 30.00 3.03	10 5.32
Low	GT 3.25	1 0.53 50.00 2.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 50.00 5.00	0 0.00 0.00 0.00	2 1.06
	TOTAL	50 26.60	10 5.32	9 4.79	20 10.64	99 52.66	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	45.550	DF= 12	PROB=0.0001
PHI	0.492		
CONTINGENCY COEFFICIENT	0.442		
CRAMER'S V	0.284		
LIKELIHOOD RATIO CHISQUARE	46.465	DF= 12	PROB=0.0001

Table 41

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q147, Q159, & Q160 (MIMPEX)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

MIMPEX	FREQUENCY / PERCENT / ROW PCT / COL PCT	.	PASSED	FAILED	TOTAL
.		0	3	1	4
High	LE 1.75	4	65 36.11 69.15 58.56	29 16.11 30.85 42.03	94 52.22
	1.76 TO 2.50	3	38 21.11 50.67 34.23	37 20.56 49.33 53.62	75 41.67
	2.51 TO 3.25	0	7 3.89 70.00 6.31	3 1.67 30.00 4.35	10 5.56
Low	GT 3.25	1	1 0.56 100.00 0.90	0 0.00 0.00 0.00	1 0.56
	TOTAL		111 61.67	69 38.33	180 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	6.981	DF= 3	PROB=0.0725
PHI	0.197		
CONTINGENCY COEFFICIENT	0.193		
CRAMER'S V	0.197		
LIKELIHOOD RATIO CHISQUARE	7.300	DF= 3	PROB=0.0629

Table 42

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q159-Q154, Q157, Q149, & Q160 (MIMPEX)
BY SCALED APRT SCORE (PTRSLTS)

MIMPEX	PTRSLTS FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
.		0 . . .	0 . . .	4 . . .	0 . . .	0 . . .	. .
High	LE 1.75	10 5.32 10.20 33.33	10 5.32 10.20 34.48	27 14.36 27.55 40.91	20 10.64 20.41 68.97	31 16.49 31.63 91.18	98 52.13
	1.76 TO 2.50	16 8.51 20.51 53.33	15 7.98 19.23 51.72	36 19.15 46.15 54.55	8 4.26 10.26 27.59	3 1.60 3.846 8.82	78 41.49
	2.51 TO 3.25	3 1.60 30.00 10.00	3 1.60 30.00 10.34	3 1.60 30.00 4.55	1 0.53 10.00 3.45	0 0.00 0.00 0.00	10 5.32
Low	GT 3.25	1 0.53 50.00 3.33	1 0.53 50.00 3.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.06
	TOTAL	30 15.96	29 15.43	66 35.11	29 15.43	34 18.09	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	40.496	DF=	12	PROB=0.0001
PHI	0.464			
CONTINGENCY COEFFICIENT	0.421			
CRAMER'S V	0.268			
LIKELIHOOD RATIO CHISQUARE	44.703	DF=	12	PROB=0.0001

Table 43

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q159-Q154, Q157, Q149, & Q160 (MIMPEX)
BY SMOKING REPORTED IN Q96 to Q99 (SMOKE)

MIMPEX	SMOKE		
FREQUENCY PERCENT ROW PCT COL PCT	NONE	PRESENT	TOTAL
.	3 . . .	1 . . .	. .
LE 1.75 (High)	80 42.55 81.63 57.55	18 9.57 18.37 36.73	98 52.13
1.76 TO 2.50	50 26.60 64.10 35.97	28 14.89 35.90 57.14	78 41.49
2.51 TO 3.25	8 4.26 80.00 5.76	2 1.06 20.00 4.08	10 5.32
GT 3.25 (Low)	1 0.53 50.00 0.72	1 0.53 50.00 2.04	2 1.06
TOTAL	139 73.94	49 26.06	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.712	DF= 3	PROB=0.0524
PHI	0.203		
CONTINGENCY COEFFICIENT	0.199		
CRAMER'S V	0.203		
LIKELIHOOD RATIO CHISQUARE	7.623	DF= 3	PROB=0.0545

Table 44

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, and Q185 (MWTAW)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MWTAW	MUFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
High LE 1.75	90 46.88 66.67 70.31	12 6.25 8.89 70.59	8 4.17 5.93 61.54	15 7.81 11.11 83.33	10 5.21 7.41 62.50	135 70.31
1.76 TO 2.50	35 18.23 70.00 27.34	3 1.56 6.00 17.65	4 2.08 8.00 30.77	3 1.56 6.00 16.67	5 2.60 10.00 31.25	50 26.04
2.51 TO 3.25	3 1.56 50.00 2.34	2 1.04 33.33 11.76	1 0.52 16.67 7.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 3.13
GT 3.25 Low	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52 100.00 6.25	1 0.52
TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	19.385	DF=	12	PROB=0.0796
PHI	0.318			
CONTINGENCY COEFFICIENT	0.303			
CRAMER'S V	0.183			
LIKELIHOOD RATIO CHISQUARE	12.611	DF=	12	PROB=0.3979

Table 45

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, and Q185 (MWTAW)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MWTAW	MIFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High LE 1.75	46 23.96 34.07 73.02	12 6.25 8.89 50.00	12 6.25 8.89 80.00	28 14.58 20.74 80.00	37 19.27 27.41 67.27	135 70.31
1.76 TO 2.50	16 8.33 32.00 25.40	9 4.69 18.00 37.50	2 1.04 4.00 13.33	7 3.65 14.00 20.00	16 8.33 32.00 29.09	50 26.04
2.51 TO 3.25	1 0.52 16.67 1.59	3 1.56 50.00 12.50	1 0.52 16.67 6.67	0 0.00 0.00 0.00	1 0.52 16.67 1.82	6 3.13
GT 3.25 Low	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52 100.00 1.82	1 0.52
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	16.765	DF= 12	PROB=0.1587
PHI	0.295		
CONTINGENCY COEFFICIENT	0.283		
CRAMER'S V	0.171		
LIKELIHOOD RATIO CHISQUARE	15.171	DF= 12	PROB=0.2322

Table 46

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, and Q185 (MWTAW)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES
INTENSITY TIMES DURATION (SMFID)

MWTAW	SMFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High — LE 1.75	37 19.27 27.41 71.15	6 3.13 4.44 60.00	6 3.13 4.44 66.67	16 8.33 11.85 76.19	70 36.46 51.85 70.00	135 70.31
1.76 TO 2.50	13 6.77 26.00 25.00	4 2.08 8.00 40.00	3 1.56 6.00 33.33	4 2.08 8.00 19.05	26 13.54 52.00 26.00	50 26.04
2.51 TO 3.25	2 1.04 33.33 3.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52 16.67 4.76	3 1.56 50.00 3.00	6 3.13
GT 3.25 — Low	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52 100.00 1.00	1 0.52
TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.412	DF= 12	PROB=0.9919
PHI	0.133		
CONTINGENCY COEFFICIENT	0.132		
CRAMER'S V	0.077		
LIKELIHOOD RATIO CHISQUARE	4.284	DF= 12	PROB=0.9777

Table 47

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, and Q185 (MWTAW)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

	MWTAW	PTCODE			
	FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
High	LE 1.75	5	83 45.11 63.85 72.81	47 25.54 36.15 67.14	130 70.65
	1.76 TO 2.50	3	26 14.13 55.32 22.81	21 11.41 44.68 30.00	47 25.54
	2.51 TO 3.25	0	4 2.17 66.67 3.51	2 1.09 33.33 2.86	6 3.26
Low	GT 3.25	0	1 0.54 100.00 0.88	0 0.00 0.00 0.00	1 0.54
	TOTAL		114 61.96	70 38.04	184 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	1.746	DF= 3	PROB=0.6268	
PHI	0.097			
CONTINGENCY COEFFICIENT	0.097			
CRAMER'S V	0.097			
LIKELIHOOD RATIO CHISQUARE	2.075	DF= 3	PROB=0.5570	

Table 48

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, and Q185 (MWTAW)
BY SCALED APRT SCORE (PTRSLTS)

	MWTAW / PTRSLTS	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
High	LE 1.75	21 10.94 15.56 70.00	20 10.42 14.81 68.97	46 23.96 34.07 65.71	22 11.46 16.30 75.86	26 13.54 19.26 76.47	135 70.31
	1.76 TO 2.50	9 4.69 18.00 30.00	9 4.69 18.00 31.03	18 9.38 36.00 25.71	7 3.65 14.00 24.14	7 3.65 14.00 20.59	50 26.04
	2.51 TO 3.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 3.13 100.00 8.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 3.13
Low	GT 3.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52 100.00 2.94	1 0.52
	TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	16.523	DF= 12	PROB=0.1685
PHI	0.293		
CONTINGENCY COEFFICIENT	0.281		
CRAMER'S V	0.169		
LIKELIHOOD RATIO CHISQUARE	16.992	DF= 12	PROB=0.1499

Table 49

PT OFFICER SAMPLE

SMOKING REPORTED IN Q96 to Q99 (SMOKE)
BY SCALED AGE (CM)

SMOKE CM

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	20 TO 29	30 TO 39	40 AND MORE	TOTAL
NONE	5	43	93	1	137
	.	23.37	50.54	0.54	74.46
	.	31.39	67.88	0.73	
	.	76.79	74.40	33.33	
PRESENT	3	13	32	2	47
	.	7.07	17.39	1.09	25.54
	.	27.66	68.09	4.26	
	.	23.21	25.60	66.67	
TOTAL	.	56	125	3	184
	.	30.43	67.93	1.63	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.827	DF= 2	PROB=0.2432
PHI	0.124		
CONTINGENCY COEFFICIENT	0.123		
CRAMER'S V	0.124		
LIKELIHOOD RATIO CHISQUARE	2.393	DF= 2	PROB=0.3022

Table 50

PT OFFICER SAMPLE

SMOKING REPORTED IN Q96 to Q99 (SMOKE)
BY TYPE OF UNIT (E)

SMOKE E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
NONE	4	11	86	7	26	8	138
	.	5.85	45.74	3.72	13.83	4.26	73.40
	.	7.97	62.32	5.07	18.84	5.80	
	.	68.75	81.90	53.85	63.41	61.54	
PRESENT	0	5	19	6	15	5	50
	.	2.66	10.11	3.19	7.98	2.66	26.60
	.	10.00	38.00	12.00	30.00	10.00	
	.	31.25	18.10	46.15	36.59	38.46	
TOTAL	.	16	105	13	41	13	188
	.	8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.644	DF=	4	PROB=0.0469
PHI	0.226			
CONTINGENCY COEFFICIENT	0.221			
CRAMER'S V	0.226			
LIKELIHOOD RATIO CHISQUARE	9.489	DF=	4	PROB=0.0500

Table 51

PT OFFICER SAMPLE

SMOKING REPORTED IN Q96 to Q99 (SMOKE)
BY MACOM CONTROLLING POST (F)

SMOKE F

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
NONE	4	53	22	20	27	16	138
		28.19	11.70	10.64	14.36	8.51	73.40
		38.41	15.94	14.49	19.57	11.59	
		80.30	64.71	68.97	77.14	66.67	
PRESENT	0	13	12	9	8	8	50
		6.91	6.38	4.79	4.26	4.26	26.60
		26.00	24.00	18.00	16.00	16.00	
		19.70	35.29	31.03	22.86	33.33	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.028	DF= 4	PROB=0.4022	
PHI	0.146			
CONTINGENCY COEFFICIENT	0.145			
CRAMER'S V	0.146			
LIKELIHOOD RATIO CHISQUARE	4.030	DF= 4	PROB=0.4020	

Table 52

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SEX (D) CONTROLLED FOR SMOKE = PRESENT

SMOKE	D			
FREQUENCY PERCENT ROW PCT COL PCT	.	FEMALE	MALE	TOTAL
NONE	0 . . .	0 . . .	0 . . .	0 0.00
PRESENT	1 . . .	11 22.45 22.45 100.00	38 77.55 77.55 100.00	49 100.00
TOTAL	.	11 22.45	38 77.55	49 100.00

Table 53

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SEX (D) CONTROLLED FOR SMOKE = NONE

SMOKE	D			
FREQUENCY PERCENT ROW PCT COL PCT	.	FEMALE	MALE	TOTAL
NONE	3	29	110	139
	.	20.86	79.14	100.00
	.	20.86	79.14	
	.	100.00	100.00	
PRESENT	0	0	0	0
	.	.	.	0.00
	.	.	.	
	.	.	.	
TOTAL	.	29	110	139
	.	20.86	79.14	100.00

Table 54

PT OFFICER SAMPLE

SMOKING REPORTED IN Q96 to Q99 (SMOKE)
BY MOS

SMOKE	MOS							
FREQUENCY PERCENT ROW PCT COL PCT	MC	DC	VC	AMSC	ANC	MSCADM	MSCPROF	TOTAL
NONE	11 5.85 7.97 91.67	21 11.17 15.22 72.41	4 2.13 2.90 100.00	1 0.53 0.72 100.00	20 10.64 14.49 68.97	49 26.06 35.51 66.22	32 17.02 23.19 82.05	138 73.40
PRESENT	1 0.53 2.00 8.33	8 4.26 16.00 27.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 4.79 18.00 31.03	25 13.30 50.00 33.78	7 3.72 14.00 17.95	50 26.60
TOTAL	12 6.38	29 15.43	4 2.13	1 0.53	29 15.43	74 39.36	39 20.74	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.621	DF=	6	PROB=0.2672
PHI	0.201			
CONTINGENCY COEFFICIENT	0.197			
CRAMER'S V	0.201			
LIKELIHOOD RATIO CHISQUARE	9.440	DF=	6	PROB=0.1503

Table 55

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

SMOKE / MIFID	Low				High	
FREQUENCY / PERCENT / ROW PCT / COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
NONE	46 23.96 32.39 73.02	21 10.94 14.79 87.50	7 3.65 4.93 46.67	27 14.06 19.01 77.14	41 21.35 28.87 74.55	142 73.96
PRESENT	17 8.85 34.00 26.98	3 1.56 6.00 12.50	8 4.17 16.00 53.33	8 4.17 16.00 22.86	14 7.29 28.00 25.45	50 26.04
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.309	DF= 4	PROB=0.0809	
PHI	0.208			
CONTINGENCY COEFFICIENT	0.204			
CRAMER'S V	0.208			
LIKELIHOOD RATIO CHISQUARE	7.909	DF= 4	PROB=0.0950	

Table 56

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

SMOKE	SMFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
NONE	38 19.79 26.76 73.08	9 4.69 6.34 90.00	3 1.56 2.11 33.33	17 8.85 11.97 80.95	75 39.06 52.82 75.00	142 73.96
PRESENT	14 7.29 28.00 26.92	1 0.52 2.00 10.00	6 3.13 12.00 66.67	4 2.08 8.00 19.05	25 13.02 50.00 25.00	50 26.04
TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	9.659	DF= 4	PROB=0.0466
PHI	0.224		
CONTINGENCY COEFFICIENT	0.219		
CRAMER'S V	0.224		
LIKELIHOOD RATIO CHISQUARE	8.766	DF= 4	PROB=0.0672

Table 57

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

SMOKE / PTCODE	.	PASSED	FAILED	TOTAL
NONE	5	91	46	137
		49.46	25.00	74.46
		66.42	33.58	
		79.82	65.71	
PRESENT	3	23	24	47
		12.50	13.04	25.54
		48.94	51.06	
		20.18	34.29	
TOTAL		114	70	184
		61.96	38.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.540	DF= 1	PROB=0.0331
PHI	0.157		
CONTINGENCY COEFFICIENT	0.155		
CRAMER'S V	0.157		
LIKELIHOOD RATIO CHISQUARE	4.456	DF= 1	PROB=0.0348
CONTINUITY ADJ. CHI-SQUARE	3.829	DF= 1	PROB=0.0504
FISHER'S EXACT TEST (1-TAIL)			PROB=0.0260
(2-TAIL)			PROB=0.0378

Table 58

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SCALED APRT SCORE (PTRSLTS)

SMOKE	PTRSLTS					
FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
NONE	18 9.38 12.68 60.00	22 11.46 15.49 75.86	50 26.04 35.21 71.43	23 11.98 16.20 79.31	29 15.10 20.42 85.29	142 73.96
PRESENT	12 6.25 24.00 40.00	7 3.65 14.00 24.14	20 10.42 40.00 28.57	6 3.13 12.00 20.69	5 2.60 10.00 14.71	50 26.04
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	6.022	DF= 4	PROB=0.1975	
PHI	0.177			
CONTINGENCY COEFFICIENT	0.174			
CRAMER'S V	0.177			
LIKELIHOOD RATIO CHISQUARE	6.064	DF= 4	PROB=0.1944	

Table 59

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)

BY SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)

SMOKE	MIMPEX	High			Low	
FREQUENCY PERCENT ROW PCT COL PCT	.	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
NONE	3	80	50	8	1	139
		42.55	26.60	4.26	0.53	73.94
		57.55	35.97	5.76	0.72	
		81.63	64.10	80.00	50.00	
PRESENT	1	18	28	2	1	49
		9.57	14.89	1.06	0.53	26.06
		36.73	57.14	4.08	2.04	
		18.37	35.90	20.00	50.00	
TOTAL		98	78	10	2	188
		52.13	41.49	5.32	1.06	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.712	DF= 3	PROB=0.0524
PHI	0.203		
CONTINGENCY COEFFICIENT	0.199		
CRAMER'S V	0.203		
LIKELIHOOD RATIO CHISQUARE	7.623	DF= 3	PROB=0.0545

Table 60

PT OFFICER SAMPLE

PASSED OR FAILED APRT PER AR 350-15 (PTCODE)
BY SEX (D)

PTCODE D

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FEMALE	MALE	TOTAL
.	0	1	7	8
PASSED	1	21	92	113
		11.67	51.11	62.78
		18.58	81.42	
		53.85	65.25	
FAILED	3	18	49	67
		10.00	27.22	37.22
		26.87	73.13	
		46.15	34.75	
TOTAL		39	141	180
		21.67	78.33	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.700	DF=	1	PROB=0.1923
PHI	-0.097			
CONTINGENCY COEFFICIENT	0.097			
CRAMER'S V	0.097			
LIKELIHOOD RATIO CHISQUARE	1.669	DF=	1	PROB=0.1964
CONTINUITY ADJ. CHI-SQUARE	1.247	DF=	1	PROB=0.2642
FISHER'S EXACT TEST (1-TAIL)				PROB=0.1324
(2-TAIL)				PROB=0.1969

Table 61

PT OFFICER SAMPLE

QUESTION 76 BY TYPE OF UNIT (E)

Q76 E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
1	0	0	3	0	6	0	9
	.	0.00	1.60	0.00	3.19	0.00	4.79
	.	0.00	33.33	0.00	66.67	0.00	
	.	0.00	2.86	0.00	14.63	0.00	
2	0	0	9	0	10	0	19
	.	0.00	4.79	0.00	5.32	0.00	10.11
	.	0.00	47.37	0.00	52.63	0.00	
	.	0.00	8.57	0.00	24.39	0.00	
3	0	2	5	1	8	5	21
	.	1.06	2.66	0.53	4.26	2.66	11.17
	.	9.52	23.81	4.76	38.10	23.81	
	.	12.50	4.76	7.69	19.51	38.46	
4	0	3	24	0	11	2	40
	.	1.60	12.77	0.00	5.85	1.06	21.28
	.	7.50	60.00	0.00	27.50	5.00	
	.	18.75	22.86	0.00	26.83	15.38	
6	4	11	64	12	6	6	99
	.	5.85	34.04	6.38	3.19	3.19	52.66
	.	11.11	64.65	12.12	6.06	6.06	
	.	68.75	60.95	92.31	14.63	46.15	
TOTAL	.	16	105	13	41	13	188
	.	8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	60.292	DF=	16	PROB=0.0001
PHI	0.566			
CONTINGENCY COEFFICIENT	0.493			
CRAMER'S V	0.283			
LIKELIHOOD RATIO CHISQUARE	65.027	DF=	16	PROB=0.0001

76. Did your last unit break down according to levels of fitness or ability for physical training activities or exercise?

(1) Always (2) Often (3) Seldom (4) Never (5) NA - no unit program

Table 62

PT OFFICER SAMPLE

QUESTION 81 by TYPE OF UNIT (E)

Q81 E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
.	4	7	27	4	10	4	.
	.	.	.	.	.	.	.
1	0	8	53	5	11	2	79
	.	5.88	38.97	3.68	8.09	1.47	58.09
	.	10.13	67.09	6.33	13.92	2.53	
	.	88.89	67.95	55.56	35.48	22.22	
2	0	1	16	1	12	6	36
	.	0.74	11.76	0.74	8.82	4.41	26.47
	.	2.78	44.44	2.78	33.33	16.67	
	.	11.11	20.51	11.11	38.71	66.67	
3	0	0	9	3	8	1	21
	.	0.00	6.62	2.21	5.88	0.74	15.44
	.	0.00	42.86	14.29	38.10	4.76	
	.	0.00	11.54	33.33	25.81	11.11	
TOTAL		9	78	9	31	9	136
		6.62	57.35	6.62	22.79	6.62	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	23.694	DF=	8	PROB=0.0026
PHI	0.417			
CONTINGENCY COEFFICIENT	0.385			
CRAMER'S V	0.295			
LIKELIHOOD RATIO CHISQUARE	23.799	DF=	8	PROB=0.0025

81. I was expected to exercise on my own off-duty time.

(1) Always

(2) Often

(3) Seldom

(4) Never

Table 63

PT OFFICER SAMPLE

QUESTION 81 by MACOM CONTROLLING POST (F)

Q81 F

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
.	4	20	8	7	10	7	.
	.	.	.	.	.	.	.
	.	.	.	.	.	.	.
	.	.	.	.	.	.	.
1	0	23	13	15	15	13	79
	.	16.91	9.56	11.03	11.03	9.56	58.09
	.	29.11	16.46	18.99	18.99	16.46	
	.	50.00	50.00	68.18	60.00	76.47	
2	0	15	9	3	6	3	36
	.	11.03	6.62	2.21	4.41	2.21	26.47
	.	41.67	25.00	8.33	16.67	8.33	
	.	32.61	34.62	13.64	24.00	17.65	
3	0	8	4	4	4	1	21
	.	5.88	2.94	2.94	2.94	0.74	15.44
	.	38.10	19.05	19.05	19.05	4.76	
	.	17.39	15.38	18.18	16.00	5.88	
TOTAL	.	46	26	22	25	17	136
	.	33.82	19.12	16.18	18.38	12.50	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	6.666	DF= 8	PROB=0.5731
PHI	0.221		
CONTINGENCY COEFFICIENT	0.216		
CRAMER'S V	0.157		
LIKELIHOOD RATIO CHISQUARE	7.162	DF= 8	PROB=0.5192

81. I was expected to exercise on my own off-duty time.

(1) Always

(2) Often

(3) Seldom

(4) Never

Table 64

PT OFFICER SAMPLE

QUESTION 82 by TYPE OF UNIT (E)

OR2 E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
.	4	1	1	0	0	0	.
	.	.	.	.	.	.	.
	.	.	.	.	.	.	
	.	.	.	.	.	.	
1	0	0	2	1	5	0	8
	.	0.00	1.08	0.54	2.69	0.00	4.30
	.	0.00	25.00	12.50	62.50	0.00	
	.	0.00	1.92	7.69	12.20	0.00	
2	0	1	13	2	5	3	24
	.	0.54	6.99	1.08	2.69	1.61	12.90
	.	4.17	54.17	8.33	20.83	12.50	
	.	6.67	12.50	15.38	12.20	23.08	
3	0	3	22	0	26	6	57
	.	1.61	11.83	0.00	13.98	3.23	30.65
	.	5.26	38.60	0.00	45.61	10.53	
	.	20.00	21.15	0.00	63.41	46.15	
4	0	0	0	1	0	0	1
	.	0.00	0.00	0.54	0.00	0.00	0.54
	.	0.00	0.00	100.00	0.00	0.00	
	.	0.00	0.00	7.69	0.00	0.00	
5	0	11	67	9	5	4	96
	.	5.91	36.02	4.84	2.69	2.15	51.61
	.	11.46	69.79	9.38	5.21	4.17	
	.	73.33	64.42	69.23	12.20	30.77	
TOTAL	.	15	104	13	41	13	186
	.	8.06	55.91	6.99	22.04	6.99	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	65.633	DF= 16	PROB=0.0001
PHI	0.594		
CONTINGENCY COEFFICIENT	0.511		
CRAMER'S V	0.297		
LIKELIHOOD RATIO CHISQUARE	63.184	DF= 16	PROB=0.0001

82. I usually wore the following exercise footwear, choose the most frequently used type:

	UNIT EXERCISE
Combat boots	(1)
Sneakers/Tennis shoes	(2)
Running shoes	(3)
Other	(4)
N/A (didn't exercise)	(5)

Table 65

PT OFFICER SAMPLE

QUESTION 87 by MACOM CONTROLLING POST (F)

087 F

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
.	4	17	9	10	7	7	.
		.	.	.	.	.	.
		.	.	.	.	.	.
		.	.	.	.	.	.
1	0	17	7	13	12	9	58
		12.32	5.07	9.42	8.70	6.52	42.03
		29.31	12.07	22.41	20.69	15.52	
		34.69	28.00	68.42	42.86	52.94	
2	0	10	4	0	2	3	19
		7.25	2.90	0.00	1.45	2.17	13.77
		52.63	21.05	0.00	10.53	15.79	
		20.41	16.00	0.00	7.14	17.65	
3	0	5	4	3	2	2	16
		3.62	2.90	2.17	1.45	1.45	11.59
		31.25	25.00	18.75	12.50	12.50	
		10.20	16.00	15.79	7.14	11.76	
4	0	17	10	3	12	3	45
		12.32	7.25	2.17	8.70	2.17	32.61
		37.78	22.22	6.67	26.67	6.67	
		34.69	40.00	15.79	42.86	17.65	
TOTAL		49	25	19	28	17	138
		35.51	18.12	13.77	20.29	12.32	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	16.256	DF= 12	PROB=0.1798
PHI	0.343		
CONTINGENCY COEFFICIENT	0.325		
CRAMER'S V	0.198		
LIKELIHOOD RATIO CHISQUARE	19.014	DF= 12	PROB=0.0882

87. There were lockers available to secure my valuables during exercise periods.

(1) Always (2) Often (3) Seldom (4) Never (5) N/A

FACILTIES AND FITNESS

Tables 66 to 100

Table 66

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY TYPE OF UNIT (E)

MFACIN	E						
FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
High — LE 1.75	4	10 5.32 9.43 62.50	64 34.04 60.38 60.95	6 3.19 5.66 46.15	19 10.11 17.92 46.34	7 3.72 6.60 53.85	106 56.38
1.76 TO 2.50	0	0 0.00 0.00 0.00	15 7.98 50.00 14.29	0 0.00 0.00 0.00	11 5.85 36.67 26.83	4 2.13 13.33 30.77	30 15.96
2.51 TO 3.25	0	1 0.53 3.45 6.25	16 8.51 55.17 15.24	3 1.60 10.34 23.08	7 3.72 24.14 17.07	2 1.06 6.90 15.38	29 15.43
GT 3.25 — Low	0	5 2.66 21.74 31.25	10 5.32 43.48 9.52	4 2.13 17.39 30.77	4 2.13 17.39 9.76	0 0.00 0.00 0.00	23 12.23
TOTAL		16 8.51	105 55.85	13 6.91	41 21.81	13 6.91	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	23.368	DF= 12	PROB=0.0248
PHI	0.353		
CONTINGENCY COEFFICIENT	0.332		
CRAMER'S V	0.204		
LIKELIHOOD RATIO CHISQUARE	26.464	DF= 12	PROB=0.0092

Table 67

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY MACOM CONTROLLING POST (F)

MFACIN	F						
FREQUENCY PERCENT ROW PCT COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	UCONUS	OTHER	TOTAL
High LE 1.75	4	38	23	15	17	13	106
		20.21	12.23	7.98	9.04	6.91	56.38
		35.85	21.70	14.15	16.04	12.26	
		57.58	67.65	51.72	48.57	54.17	
1.76 TO 2.50	0	15	7	0	7	1	30
		7.98	3.72	0.00	3.72	0.53	15.96
		50.00	23.33	0.00	23.33	3.33	
		22.73	20.59	0.00	20.00	4.17	
2.51 TO 3.25	0	9	2	8	8	2	29
		4.79	1.06	4.26	4.26	1.06	15.43
		31.03	6.90	27.59	27.59	6.90	
		13.64	5.88	27.59	22.86	8.33	
GT 3.25 Low	0	4	2	6	3	8	23
		2.13	1.06	3.19	1.60	4.26	12.23
		17.39	8.70	26.09	13.04	34.78	
		6.06	5.88	20.69	8.57	33.33	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	31.672	DF= 12	PROB=0.0016
PHI	0.410		
CONTINGENCY COEFFICIENT	0.380		
CRAMER'S V	0.237		
LIKELIHOOD RATIO CHISQUARE	34.634	DF= 12	PROB=0.0005

Table 68

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MFACIN	MUFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
High LE 1.75	80 41.67 72.73 62.50	7 3.65 6.36 41.18	5 2.60 4.55 38.46	11 5.73 10.00 61.11	7 3.65 6.36 43.75	110 57.29
1.76 TO 2.50	14 7.29 46.67 10.94	5 2.60 16.67 29.41	2 1.04 6.67 15.38	3 1.56 10.00 16.67	6 3.13 20.00 37.50	30 15.63
2.51 TO 3.25	16 8.33 55.17 12.50	2 1.04 6.90 11.76	5 2.60 17.24 38.46	4 2.08 13.79 22.22	2 1.04 6.90 12.50	29 15.10
GT 3.25 Low	18 9.38 78.26 14.06	3 1.56 13.04 17.65	1 0.52 4.35 7.69	0 0.00 0.00 0.00	1 0.52 4.35 6.25	23 11.98
TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	21.305	DF= 12	PROB=0.0461
PHI	0.333		
CONTINGENCY COEFFICIENT	0.316		
CRAMER'S V	0.192		
LIKELIHOOD RATIO CHISQUARE	20.660	DF= 12	PROB=0.0556

Table 69

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN) BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MFACIN	FREQUENCY / PERCENT / ROW PCT / COL PCT	MIFID Low: LE 19	20 TO 39	40 TO 59	60 TO 79	High: 80 TO 100	TOTAL
High	LE 1.75	44 22.92 40.00 69.84	14 7.29 12.73 58.33	6 3.13 5.45 40.00	20 10.42 18.18 57.14	26 13.54 23.64 47.27	110 57.29
	1.76 TO 2.50	5 2.60 16.67 7.94	3 1.56 10.00 12.50	3 1.56 10.00 20.00	8 4.17 26.67 22.86	11 5.73 36.67 20.00	30 15.63
	2.51 TO 3.25	8 4.17 27.59 12.70	4 2.08 13.79 16.67	3 1.56 10.34 20.00	3 1.56 10.34 8.57	11 5.73 37.93 20.00	29 15.10
	GT 3.25	6 3.13 26.09 9.52	3 1.56 13.04 12.50	3 1.56 13.04 20.00	4 2.08 17.39 11.43	7 3.65 30.43 12.73	23 11.98
Low							
	TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	11.588	DF= 12	PROB=0.4793
PHI	0.246		
CONTINGENCY COEFFICIENT	0.239		
CRAMER'S V	0.142		
LIKELIHOOD RATIO CHISQUARE	11.933	DF= 12	PROB=0.4511

Table 70

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY
TIMES DURATION (SMFID)

MFACIN	SMFID	Low				High	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High	LE 1.75	33 17.19 30.00 63.46	7 3.65 6.36 70.00	5 2.60 4.55 55.56	14 7.29 12.73 66.67	51 26.56 46.36 51.00	110 57.29
	1.76 TO 2.50	6 3.13 20.00 11.54	1 0.52 3.33 10.00	0 0.00 0.00 0.00	1 0.52 3.33 4.76	22 11.46 73.33 22.00	30 15.63
	2.51 TO 3.25	8 4.17 27.59 15.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.04 6.90 9.52	19 9.90 65.52 19.00	29 15.10
	GT 3.25	5 2.60 21.74 9.62	2 1.04 8.70 20.00	4 2.08 17.39 44.44	4 2.08 17.39 19.05	8 4.17 34.78 8.00	23 11.98
Low	TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	23.203	DF= 12	PROB=0.0261
PHI	0.348		
CONTINGENCY COEFFICIENT	0.328		
CRAMER'S V	0.201		
LIKELIHOOD RATIO CHISQUARE	24.534	DF= 12	PROB=0.0172

Table 71

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

	MFACIN	PTCODE			
	FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
High	LE 1.75	5	64 34.78 60.95 56.14	41 22.28 39.05 58.57	105 57.07
	1.76 TO 2.50	1	22 11.96 75.86 19.30	7 3.80 24.14 10.00	29 15.76
	2.51 TO 3.25	2	14 7.61 51.85 12.28	13 7.07 48.15 18.57	27 14.67
Low	GT 3.25	0	14 7.61 60.87 12.28	9 4.89 39.13 12.86	23 12.50
	TOTAL		114 61.96	70 38.04	184 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	3.605	DF= 3	PROB=0.3074	
PHI	0.140			
CONTINGENCY COEFFICIENT	0.139			
CRAMER'S V	0.140			
LIKELIHOOD RATIO CHISQUARE	3.736	DF= 3	PROB=0.2915	

Table 72

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY SCALED APRT SCORE (PTRSLTS)

	MFACIN / PTRSLTS FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
High	LE 1.75	16 8.33 14.55 53.33	23 11.98 20.91 79.31	40 20.83 36.36 57.14	16 8.33 14.55 55.17	15 7.81 13.64 44.12	110 57.29
	1.76 TO 2.50	2 1.04 6.67 6.67	1 0.52 3.33 3.45	10 5.21 33.33 14.29	8 4.17 26.67 27.59	9 4.69 30.00 26.47	30 15.63
	2.51 TO 3.25	7 3.65 24.14 23.33	1 0.52 3.45 3.45	11 5.73 37.93 15.71	4 2.08 13.79 13.79	6 3.13 20.69 17.65	29 15.10
Low	GT 3.25	5 2.60 21.74 16.67	4 2.08 17.39 13.79	9 4.69 39.13 12.86	1 0.52 4.35 3.45	4 2.08 17.39 11.76	23 11.98
	TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	19.765	DF= 12	PROB=0.0717
PHI	0.321		
CONTINGENCY COEFFICIENT	0.306		
CRAMER'S V	0.185		
LIKELIHOOD RATIO CHISQUARE	21.994	DF= 12	PROB=0.0376

Table 73

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY SCALED EXERCISE IMPORTANCE (MIMPEX)

MFACIN	MIMPEX	High		Low		
FREQUENCY PERCENT ROW PCT COL PCT	.	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
High — LE 1.75	2	51	48	7	2	108
		27.13	25.53	3.72	1.06	57.45
		47.22	44.44	6.48	1.85	
		52.04	61.54	70.00	100.00	
1.76 TO 2.50	0	23	7	0	0	30
		12.23	3.72	0.00	0.00	15.96
		76.67	23.33	0.00	0.00	
		23.47	8.97	0.00	0.00	
2.51 TO 3.25	1	12	14	2	0	28
		6.38	7.45	1.06	0.00	14.89
		42.86	50.00	7.14	0.00	
		12.24	17.95	20.00	0.00	
GT 3.25 — Low	1	12	9	1	0	22
		6.38	4.79	0.53	0.00	11.70
		54.55	40.91	4.55	0.00	
		12.24	11.54	10.00	0.00	
TOTAL		98	78	10	2	188
		52.13	41.49	5.32	1.06	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	11.103	DF= 9	PROB=0.2687
PHI	0.243		
CONTINGENCY COEFFICIENT	0.236		
CRAMER'S V	0.140		
LIKELIHOOD RATIO CHISQUARE	13.420	DF= 9	PROB=0.1445

Table 74

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY TYPE OF UNIT (E)

MFACOUT	E						
FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
LE 1.75 (High)	4	8 4.26 7.62 50.00	62 32.98 59.05 59.05	7 3.72 6.67 53.85	19 10.11 18.10 46.34	9 4.79 8.57 69.23	105 55.85
1.76 TO 2.50	0	1 0.53 2.70 6.25	23 12.23 62.16 21.90	1 0.53 2.70 7.69	10 5.32 27.03 24.39	2 1.06 5.41 15.38	37 19.68
2.51 TO 3.25	0	1 0.53 4.76 6.25	10 5.32 47.62 9.52	2 1.06 9.52 15.38	7 3.72 33.33 17.07	1 0.53 4.76 7.69	21 11.17
GT 3.25 (Low)	0	6 3.19 24.00 37.50	10 5.32 40.00 9.52	3 1.60 12.00 23.08	5 2.66 20.00 12.20	1 0.53 4.00 7.69	25 13.30
TOTAL		16 8.51	105 55.85	13 6.91	41 21.81	13 6.91	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	16.324	DF= 12	PROB=0.1769
PHI	0.295		
CONTINGENCY COEFFICIENT	0.283		
CRAMER'S V	0.170		
LIKELIHOOD RATIO CHISQUARE	14.684	DF= 12	PROB=0.2592

Table 75

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY MACOM CONTROLLING POST (F)

	MFACOUT / F / FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	DCONUS	OTHER	TOTAL
High	LE 1.75	4	39	24	14	15	13	105
			20.74	12.77	7.45	7.98	6.91	55.85
			37.14	22.86	13.33	14.29	12.38	
			59.09	70.59	48.28	42.86	54.17	
	1.76 TO 2.50	0	16	7	6	7	1	37
			8.51	3.72	3.19	3.72	0.53	19.68
			43.24	18.92	16.22	18.92	2.70	
			24.24	20.59	20.69	20.00	4.17	
	2.51 TO 3.25	0	6	1	4	8	2	21
			3.19	0.53	2.13	4.26	1.06	11.17
			28.57	4.76	19.05	38.10	9.52	
			9.09	2.94	13.79	22.86	8.33	
	GT 3.25	0	5	2	5	5	8	25
			2.66	1.06	2.66	2.66	4.26	13.30
Low			20.00	8.00	20.00	20.00	32.00	
			7.58	5.88	17.24	14.29	33.33	
	TOTAL		66	34	29	35	24	188
			35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	24.067	DF= 12	PROB=0.0199	
PHI	0.358			
CONTINGENCY COEFFICIENT	0.337			
CRAMER'S V	0.207			
LIKELIHOOD RATIO CHISQUARE	23.797	DF= 12	PROB=0.0217	

Table 76

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MFACOUT	MUFID	Low				High	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High	LE 1.75	78 40.63 71.56 60.94	6 3.13 5.50 35.29	7 3.65 6.42 53.85	11 5.73 10.09 61.11	7 3.65 6.42 43.75	109 56.77
	1.76 TO 2.50	23 11.98 62.16 17.97	5 2.60 13.51 29.41	2 1.04 5.41 15.38	2 1.04 5.41 11.11	5 2.60 13.51 31.25	37 19.27
	2.51 TO 3.25	11 5.73 52.38 8.59	3 1.56 14.29 17.65	3 1.56 14.29 23.08	2 1.04 9.52 11.11	2 1.04 9.52 12.50	21 10.94
Low	GT 3.25	16 8.33 64.00 12.50	3 1.56 12.00 17.65	1 0.52 4.00 7.69	3 1.56 12.00 16.67	2 1.04 8.00 12.50	25 13.02
	TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.172	DF= 12	PROB=0.6882
PHI	0.219		
CONTINGENCY COEFFICIENT	0.214		
CRAMER'S V	0.126		
LIKELIHOOD RATIO CHISQUARE	8.743	DF= 12	PROB=0.7247

Table 77

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MFACOUT	MIFID	Low				High	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High	LE 1.75	39 20.31 35.78 61.90	12 6.25 11.01 50.00	8 4.17 7.34 53.33	19 9.90 17.43 54.29	31 16.15 28.44 56.36	109 56.77
	1.76 TO 2.50	11 5.73 29.73 17.46	5 2.60 13.51 20.83	2 1.04 5.41 13.33	9 4.69 24.32 25.71	10 5.21 27.03 18.18	37 19.27
	2.51 TO 3.25	4 2.08 19.05 6.35	4 2.08 19.05 16.67	3 1.56 14.29 20.00	2 1.04 9.52 5.71	8 4.17 38.10 14.55	21 10.94
Low	GT 3.25	9 4.69 36.00 14.29	3 1.56 12.00 12.50	2 1.04 8.00 13.33	5 2.60 20.00 14.29	6 3.13 24.00 10.91	25 13.02
	TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	6.659	DF= 12	PROB=0.8793
PHI	0.186		
CONTINGENCY COEFFICIENT	0.183		
CRAMER'S V	0.108		
LIKELIHOOD RATIO CHISQUARE	6.649	DF= 12	PROB=0.8799

Table 78

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MFACOUT	SMFID	Low				High	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High	LE 1.75	32 16.67 29.36 61.54	7 3.65 6.42 70.00	3 1.56 2.75 33.33	12 6.25 11.01 57.14	55 28.65 50.46 55.00	109 56.77
	1.76 TO 2.50	11 5.73 29.73 21.15	2 1.04 5.41 20.00	1 0.52 2.70 11.11	3 1.56 8.11 14.29	20 10.42 54.05 20.00	37 19.27
	2.51 TO 3.25	3 1.56 14.29 5.77	0 0.00 0.00 0.00	2 1.04 9.52 22.22	2 1.04 9.52 9.52	14 7.29 66.67 14.00	21 10.94
Low	GT 3.25	6 3.13 24.00 11.54	1 0.52 4.00 10.00	3 1.56 12.00 33.33	4 2.08 16.00 19.05	11 5.73 44.00 11.00	25 13.02
	TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	10.367	DF= 12	PROB=0.5838
PHI	0.232		
CONTINGENCY COEFFICIENT	0.226		
CRAMER'S V	0.134		
LIKELIHOOD RATIO CHISQUARE	10.708	DF= 12	PROB=0.5541

Table 79

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY PASSED OR FAILED PER AR 350-15 (PTCODE)

	MFACOUT / PTCODE	.	PASSED	FAILED	TOTAL
High	LE 1.75	5	94 34.78 61.34 56.14	60 21.74 38.46 57.14	154 56.52
	1.76 TO 2.50	1	22 11.96 61.11 19.30	14 7.61 38.89 20.00	36 19.57
	2.51 TO 3.25	1	12 6.52 60.00 10.53	8 4.35 40.00 11.43	20 10.87
Low	GT 3.25	1	16 8.70 66.67 14.04	8 4.35 33.33 11.43	24 13.04
	TOTAL		114 61.96	70 38.04	184 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.277	DF= 3	PROB=0.9643
PHI	0.039		
CONTINGENCY COEFFICIENT	0.039		
CRAMER'S V	0.039		
LIKELIHOOD RATIO CHISQUARE	0.281	DF= 3	PROB=0.9636

Table 80

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY SCALED APRT SCORE (PTRSLTS)

	MFACOUT / PTRSLTS FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
High	LE 1.75	18 9.38 16.51 60.00	20 10.42 18.35 68.97	38 19.79 34.86 54.29	18 9.38 16.51 62.07	15 7.81 13.76 44.12	109 56.77
	1.76 TO 2.50	3 1.56 8.11 10.00	2 1.04 5.41 6.90	15 7.81 40.54 21.43	9 4.69 24.32 31.03	8 4.17 21.62 23.53	37 19.27
	2.51 TO 3.25	4 2.08 19.05 13.33	3 1.56 14.29 10.34	9 4.69 42.86 12.86	0 0.00 0.00 0.00	5 2.60 23.81 14.71	21 10.94
Low	GT 3.25	5 2.60 20.00 16.67	4 2.08 16.00 13.79	8 4.17 32.00 11.43	2 1.04 8.00 6.90	6 3.13 24.00 17.65	25 13.02
	TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	14.073	DF= 12	PROB=0.2961
PHI	0.271		
CONTINGENCY COEFFICIENT	0.261		
CRAMER'S V	0.156		
LIKELIHOOD RATIO CHISQUARE	18.000	DF= 12	PROB=0.1157

Table 81

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q154, Q157, Q159, & Q160 (MIMPEX)

MFACOUT	MIMPEX	High		Low		
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
High — LE 1.75	1	55 29.26 50.93 56.12	44 23.40 40.74 56.41	7 3.72 6.48 70.00	2 1.06 1.85 100.00	108 57.45
1.76 TO 2.50	2	23 12.23 65.71 23.47	12 6.38 34.29 15.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35 18.62
2.51 TO 3.25	0	10 5.32 47.62 10.20	8 4.26 38.10 10.26	3 1.60 14.29 30.00	0 0.00 0.00 0.00	21 11.17
GT 3.25 — Low	1	10 5.32 41.67 10.20	14 7.45 58.33 17.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24 12.77
TOTAL		98 52.13	78 41.49	10 5.32	2 1.06	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	12.075	DF=	9	PROB=0.2091
PHI	0.253			
CONTINGENCY COEFFICIENT	0.246			
CRAMER'S V	0.144			
LIKELIHOOD RATIO CHISQUARE	14.707	DF=	9	PROB=0.0993

Table 82

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY TYPE OF UNIT (E)

MFACOVER	E						
FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
LE 1.76	4	14	77	9	22	8	130
		7.45	40.96	4.79	11.70	4.26	69.15
High		10.77	59.23	6.92	16.92	6.15	
		87.50	73.33	69.23	53.66	61.54	
1.76 TO 2.50	0	0	19	0	12	3	34
		0.00	10.11	0.00	6.38	1.60	18.09
		0.00	55.88	0.00	35.29	8.82	
		0.00	18.10	0.00	29.27	23.08	
2.51 TO 3.25	0	0	4	3	5	2	14
		0.00	2.13	1.60	2.66	1.06	7.45
		0.00	28.57	21.43	35.71	14.29	
		0.00	3.81	23.08	12.20	15.38	
GT 3.25	0	2	5	1	2	0	10
		1.06	2.66	0.53	1.06	0.00	5.32
		20.00	50.00	10.00	20.00	0.00	
Low		12.50	4.76	7.69	4.88	0.00	
TOTAL		16	105	13	41	13	188
		8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	22.955	DF= 12	PROB=0.0281
PHI	0.349		
CONTINGENCY COEFFICIENT	0.330		
CRAMER'S V	0.202		
LIKELIHOOD RATIO CHISQUARE	27.634	DF= 12	PROB=0.0063

Table 83

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY MACOM CONTROLLING POST (F)

MFACOVER	F	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
High — LE 1.76	4	43	25	21	21	20	130
	FREQUENCY	43	25	21	21	20	130
	PERCENT	22.87	13.30	11.17	11.17	10.64	69.15
	ROW PCT	33.08	19.23	16.15	16.15	15.38	
	COL PCT	65.15	73.53	72.41	60.00	83.33	
1.76 TO 2.50	0	18	7	2	7	0	34
	FREQUENCY	18	7	2	7	0	34
	PERCENT	9.57	3.72	1.06	3.72	0.00	18.09
	ROW PCT	52.94	20.59	5.88	20.59	0.00	
	COL PCT	27.27	20.59	6.90	20.00	0.00	
2.51 TO 3.25	0	2	2	4	5	1	14
	FREQUENCY	2	2	4	5	1	14
	PERCENT	1.06	1.06	2.13	2.66	0.53	7.45
	ROW PCT	14.29	14.29	28.57	35.71	7.14	
	COL PCT	3.03	5.88	13.79	14.29	4.17	
GT 3.25 — Low	0	3	0	2	2	3	10
	FREQUENCY	3	0	2	2	3	10
	PERCENT	1.60	0.00	1.06	1.06	1.60	5.32
	ROW PCT	30.00	0.00	20.00	20.00	30.00	
	COL PCT	4.55	0.00	6.90	5.71	12.50	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	21.340	DF= 12	PROB=0.0456
PHI	0.337		
CONTINGENCY COEFFICIENT	0.319		
CRAMER'S V	0.195		
LIKELIHOOD RATIO CHISQUARE	26.800	DF= 12	PROB=0.0083

Table 84

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MFACOVER	MUFID	Low				High	
FREQUENCY PERCENT ROW PCT COL PCT		LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High	LE 1.76	98 51.04 73.13 76.56	7 3.65 5.22 41.18	9 4.69 6.72 69.23	11 5.73 8.21 61.11	9 4.69 6.72 56.25	134 69.79
	1.76 TO 2.50	17 8.85 50.00 13.28	7 3.65 20.59 41.18	1 0.52 2.94 7.69	4 2.08 11.76 22.22	5 2.60 14.71 31.25	34 17.71
	2.51 TO 3.25	7 3.65 50.00 5.47	1 0.52 7.14 5.88	3 1.56 21.43 23.08	1 0.52 7.14 5.56	2 1.04 14.29 12.50	14 7.29
Low	GT 3.25	6 3.13 60.00 4.69	2 1.04 20.00 11.76	0 0.00 0.00 0.00	2 1.04 20.00 11.11	0 0.00 0.00 0.00	10 5.21
	TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	22.681	DF= 12	PROB=0.0306
PHI	0.344		
CONTINGENCY COEFFICIENT	0.325		
CRAMER'S V	0.198		
LIKELIHOOD RATIO CHISQUARE	20.766	DF= 12	PROB=0.0539

Table 85

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MFACOVER	MIFID	Low				High	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 10[illegible]	TOTAL
High	LE 1.76	51 26.56 38.06 80.95	18 9.38 13.43 75.00	10 5.21 7.46 66.67	19 9.90 14.18 54.29	36 18.75 26.87 65.45	134 69.79
	1.76 TO 2.50	6 3.13 17.65 9.52	3 1.56 8.82 12.50	4 2.08 11.76 26.67	9 4.69 26.47 25.71	12 6.25 35.29 21.82	34 17.71
	2.51 TO 3.25	2 1.04 14.29 3.17	2 1.04 14.29 8.33	1 0.52 7.14 6.67	5 2.60 35.71 14.29	4 2.08 28.57 7.27	14 7.29
Low	GT 3.25	4 2.08 40.00 6.35	1 0.52 10.00 4.17	0 0.00 0.00 0.00	2 1.04 20.00 5.71	3 1.56 30.00 5.45	10 5.21
	TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	12.683	DF= 12	PROB=0.3925
PHI	0.257		
CONTINGENCY COEFFICIENT	0.249		
CRAMER'S V	0.148		
LIKELIHOOD RATIO CHISQUARE	13.624	DF= 12	PROB=0.3254

Table 86

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID)

MFACOVER	SMFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
High LE 1.76	40 20.83 29.85 76.92	10 5.21 7.46 100.00	8 4.17 5.97 88.89	15 7.81 11.19 71.43	61 31.77 45.52 61.00	134 69.79
1.76 TO 2.50	8 4.17 23.53 15.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.04 5.88 9.52	24 12.50 70.59 24.00	34 17.71
2.51 TO 3.25	2 1.04 14.29 3.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.04 14.29 9.52	10 5.21 71.43 10.00	14 7.29
GT 3.25	2 1.04 20.00 3.85	0 0.00 0.00 0.00	1 0.52 10.00 11.11	2 1.04 20.00 9.52	5 2.60 50.00 5.00	10 5.21
Low TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	15.274	DF= 12	PROB=0.2268
PHI	0.282		
CONTINGENCY COEFFICIENT	0.271		
CRAMER'S V	0.163		
LIKELIHOOD RATIO CHISQUARE	20.112	DF= 12	PROB=0.0650

Table 87

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

	MFACOVER / FREQUENCY / PERCENT / ROW PCT / COL PCT	PTCODE .	PASSED	FAILED	TOTAL
High	LE 1.76	6	75 40.76 58.59 65.79	53 28.80 41.41 75.71	128 69.57
	1.76 TO 2.50	1	25 13.59 75.76 21.93	8 4.35 24.24 11.43	33 17.93
	2.51 TO 3.25	1	9 4.89 69.23 7.89	4 2.17 30.77 5.71	13 7.07
Low	GT 3.25	0	5 2.72 50.00 4.39	5 2.72 50.00 7.14	10 5.43
	TOTAL		114 61.96	70 38.04	184 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.179	DF= 3	PROB=0.2428
PHI	0.151		
CONTINGENCY COEFFICIENT	0.149		
CRAMER'S V	0.151		
LIKELIHOOD RATIO CHISQUARE	4.342	DF= 3	PROB=0.2268

Table 88

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY SCALED APRT SCORE (PTRSLTS)

	MFACOVER / PTRSLTS	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
High	LE 1.76	23 11.98 17.16 76.67	24 12.50 17.91 82.76	49 25.52 36.57 70.00	19 9.90 14.18 65.52	19 9.90 14.18 55.88	134 69.79
	1.76 TO 2.50	3 1.56 8.82 10.00	1 0.52 2.94 3.45	13 6.77 38.24 18.57	9 4.69 26.47 31.03	8 4.17 23.53 23.53	34 17.71
	2.51 TO 3.25	1 0.52 7.14 3.33	2 1.04 14.29 6.90	6 3.13 42.86 8.57	0 0.00 0.00 0.00	5 2.60 35.71 14.71	14 7.29
	GT 3.25	3 1.56 30.00 10.00	2 1.04 20.00 6.90	2 1.04 20.00 2.86	1 0.52 10.00 3.45	2 1.04 20.00 5.88	10 5.21
Low	TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	17.758	DF= 12	PROB=0.1232
PHI	0.304		
CONTINGENCY COEFFICIENT	0.291		
CRAMER'S V	0.176		
LIKELIHOOD RATIO CHISQUARE	20.593	DF= 12	PROB=0.0567

Table 89

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY SCALED EXERCISE IMPORTANCE (MIMPEX)

MFACOVER	MIMPEX	High		Low		
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
High — LE 1.76	2	63 33.51 47.73 64.29	57 30.32 43.18 73.08	10 5.32 7.58 100.00	2 1.06 1.52 100.00	132 70.21
1.76 TO 2.50	2	21 11.17 65.63 21.43	11 5.85 34.38 14.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	32 17.02
2.51 TO 3.25	0	7 3.72 50.00 7.14	7 3.72 50.00 8.97	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14 7.45
GT 3.25 — Low	0	7 3.72 70.00 7.14	3 1.60 30.00 3.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 5.32
TOTAL		98 52.13	78 41.49	10 5.32	2 1.06	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	8.369	DF= 9	PROB=0.4975
PHI	0.211		
CONTINGENCY COEFFICIENT	0.206		
CRAMER'S V	0.122		
LIKELIHOOD RATIO CHISQUARE	11.676	DF= 9	PROB=0.2322

Table 90

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY TYPE OF UNIT (E)

MSPT	E	.	OTHER	MTF	RES	FLD	STF	TOTAL
High	LE 1.75	4	11 5.85 14.10 68.75	43 22.87 55.13 40.95	6 3.19 7.69 46.15	15 7.98 19.23 36.59	3 1.60 3.85 23.08	78 41.49
	1.76 TO 2.50	0	2 1.06 3.92 12.50	26 13.83 50.98 24.76	5 2.66 9.80 38.46	13 6.91 25.49 31.71	5 2.66 9.80 38.46	51 27.13
	2.51 TO 3.25	0	2 1.06 8.00 12.50	13 6.91 52.00 12.38	1 0.53 4.00 7.69	5 2.66 20.00 12.20	4 2.13 16.00 30.77	25 13.30
Low	GT 3.25	0	1 0.53 2.94 6.25	23 12.23 67.65 21.90	1 0.53 2.94 7.69	8 4.26 23.53 19.51	1 0.53 2.94 7.69	34 18.09
	TOTAL		16 8.51	105 55.85	13 6.91	41 21.81	13 6.91	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	14.356	DF= 12	PROB=0.2785
PHI	0.276		
CONTINGENCY COEFFICIENT	0.266		
CRAMER'S V	0.160		
LIKELIHOOD RATIO CHISQUARE	14.300	DF= 12	PROB=0.2819

Table 91

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY MACOM CONTROLLING POST (F)

MSPT	F	FORSCOM	TRADOC	HSC - DARCOM	OCUNUS	OTHER	TOTAL
FREQUENCY / PERCENT / ROW PCT / COL PCT							
High — LE 1.75	4	25 13.30 33.33 37.88	11 5.85 14.67 32.35	13 6.91 17.33 44.83	15 7.98 19.23 42.86	14 7.45 17.95 58.33	78 41.49
1.76 TO 2.50	0	17 9.04 33.33 25.76	9 4.79 17.65 26.47	11 5.85 21.57 37.93	9 4.79 17.65 25.71	5 2.66 9.80 20.83	51 27.13
2.51 TO 3.25	0	10 5.32 40.00 15.15	5 2.66 20.00 14.71	3 1.60 12.00 10.34	4 2.13 16.00 11.43	3 1.60 12.00 12.50	25 13.30
GT 3.25 — Low	0	14 7.45 41.18 21.21	9 4.79 26.47 26.47	2 1.06 5.88 6.90	7 3.72 20.59 20.00	2 1.06 5.88 8.33	34 18.09
TOTAL		66 35.11	34 18.09	29 15.43	35 18.62	24 12.77	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.835	DF= 12	PROB=0.6304
PHI	0.229		
CONTINGENCY COEFFICIENT	0.223		
CRAMER'S V	0.132		
LIKELIHOOD RATIO CHISQUARE	10.372	DF= 12	PROB=0.5834

Table 92

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

	MSPT / WTCD	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.75	1	62	19	81
			32.80	10.05	42.86
			76.54	23.46	
			42.76	43.18	
	1.76 TO 2.50	0	40	11	51
			21.16	5.82	26.98
			78.43	21.57	
			27.59	25.00	
	2.51 TO 3.25	1	17	7	24
			8.99	3.70	12.70
			70.83	29.17	
			11.72	15.91	
Low	GT 3.25	1	26	7	33
			13.76	3.70	17.46
			78.79	21.21	
			17.93	15.91	
	TOTAL		145	44	189
			76.72	23.28	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.630	DF= 3	PROB=0.8896	
PHI	0.058			
CONTINGENCY COEFFICIENT	0.058			
CRAMER'S V	0.058			
LIKELIHOOD RATIO CHISQUARE	0.609	DF= 3	PROB=0.8944	

Table 93

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

MSPT / PFATRNG FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
LE 1.75	15 7.81 18.29 30.00	21 10.94 25.61 46.67	26 13.54 31.71 45.61	20 10.42 24.39 50.00	82 42.71
High					
1.76 TO 2.50	16 8.33 31.37 32.00	10 5.21 19.61 22.22	16 8.33 31.37 28.07	9 4.69 17.65 22.50	51 26.56
2.51 TO 3.25	9 4.69 36.00 18.00	7 3.65 28.00 15.56	7 3.65 28.00 12.28	2 1.04 8.00 5.00	25 13.02
GT 3.25	10 5.21 29.41 20.00	7 3.65 20.59 15.56	8 4.17 23.53 14.04	9 4.69 26.47 22.50	34 17.71
Low					
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.233	DF= 9	PROB=0.5109
PHI	0.207		
CONTINGENCY COEFFICIENT	0.203		
CRAMER'S V	0.120		
LIKELIHOOD RATIO CHISQUARE	8.906	DF= 9	PROB=0.4460

Table 94

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MSPT	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High — LE 1.75	72 37.50 87.80 42.11	10 5.21 12.20 47.62	82 42.71
1.76 TO 2.50	45 23.44 88.24 26.32	6 3.13 11.76 28.57	51 26.56
2.51 TO 3.25	25 13.02 100.00 14.62	0 0.00 0.00 0.00	25 13.02
GT 3.25 — Low	29 15.10 85.29 16.96	5 2.60 14.71 23.81	34 17.71
TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.735	DF= 3	PROB=0.2916
PHI	0.139		
CONTINGENCY COEFFICIENT	0.139		
CRAMER'S V	0.139		
LIKELIHOOD RATIO CHISQUARE	6.409	DF= 3	PROB=0.0933

Table 95

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENAITY TIMES DURATION (MUFID)

MSPT	MUFID	Low				High	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
High	LE 1.75	57 29.69 69.51 44.53	9 4.69 10.98 52.94	4 2.08 4.88 30.77	5 2.60 6.10 27.78	7 3.65 8.54 43.75	82 42.71
	1.76 TO 2.50	33 17.19 64.71 25.78	4 2.08 7.84 23.53	4 2.08 7.84 30.77	6 3.13 11.76 33.33	4 2.08 7.84 25.00	51 26.56
	2.51 TO 3.25	14 7.29 56.00 10.94	3 1.56 12.00 17.65	2 1.04 8.00 15.38	3 1.56 12.00 16.67	3 1.56 12.00 18.75	25 13.02
	GT 3.25	24 12.50 70.59 18.75	1 0.52 2.94 5.88	3 1.56 8.82 23.08	4 2.08 11.76 22.22	2 1.04 5.88 12.50	34 17.71
Low	TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	5.828	DF= 12	PROB=0.9245
PHI	0.174		
CONTINGENCY COEFFICIENT	0.172		
CRAMER'S V	0.101		
LIKELIHOOD RATIO CHISQUARE	6.349	DF= 12	PROB=0.8975

Table 96

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MSPT / MIFID	Low				High	
FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
LE 1.75	34 17.71 41.46 53.97	12 6.25 14.63 50.00	5 2.60 6.10 33.33	8 4.17 9.76 22.86	23 11.98 28.05 41.82	82 42.71
High						
1.76 TO 2.50	9 4.69 17.65 14.29	4 2.08 7.84 16.67	5 2.60 9.80 33.33	10 5.21 19.61 28.57	23 11.98 45.10 41.82	51 26.56
2.51 TO 3.25	9 4.69 36.00 14.29	1 0.52 4.00 4.17	3 1.56 12.00 20.00	6 3.13 24.00 17.14	6 3.13 24.00 10.91	25 13.02
GT 3.25	11 5.73 32.35 17.46	7 3.65 20.59 29.17	2 1.04 5.88 13.33	11 5.73 32.35 31.43	3 1.56 8.82 5.45	34 17.71
Low						
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	28.365	DF= 12	PROB=0.0049
PHI	0.384		
CONTINGENCY COEFFICIENT	0.359		
CRAMER'S V	0.222		
LIKELIHOOD RATIO CHISQUARE	30.196	DF= 12	PROB=0.0026

Table 97

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MSPT	SMFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
High LE 1.75	32 16.67 39.02 61.54	4 2.08 4.88 40.00	5 2.60 6.10 55.56	6 3.13 7.32 28.57	35 18.23 42.68 35.00	82 42.71
1.76 TO 2.50	6 3.13 11.76 11.54	2 1.04 3.92 20.00	1 0.52 1.96 11.11	6 3.13 11.76 28.57	36 18.75 70.59 36.00	51 26.56
2.51 TO 3.25	7 3.65 28.00 13.46	1 0.52 4.00 10.00	1 0.52 4.00 11.11	1 0.52 4.00 4.76	15 7.81 60.00 15.00	25 13.02
GT 3.25 Low	7 3.65 20.59 13.46	3 1.56 8.82 30.00	2 1.04 5.88 22.22	8 4.17 23.53 38.10	14 7.29 41.18 14.00	34 17.71
TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	24.527	DF= 12	PROB=0.0172
PHI	0.357		
CONTINGENCY COEFFICIENT	0.337		
CRAMER'S V	0.206		
LIKELIHOOD RATIO CHISQUARE	24.370	DF= 12	PROB=0.0181

Table 98

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

MSPT / FREQUENCY / PERCENT / ROW PCT / COL PCT	.	PASSED	FAILED	TOTAL
LE 1.75	4	46	32	78
		25.00	17.39	42.39
		58.97	41.03	
High		40.35	45.71	
1.76 TO 2.50	2	35	14	49
		19.02	7.61	26.63
		71.43	28.57	
		30.70	20.00	
2.51 TO 3.25	2	12	11	23
		6.52	5.98	12.50
		52.17	47.83	
		10.53	15.71	
GT 3.25	0	21	13	34
		11.41	7.07	18.48
		61.76	38.24	
Low		18.42	18.57	
TOTAL		114	70	184
		61.96	38.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	3.094	DF= 3	PROB=0.3774
PHI	0.130		
CONTINGENCY COEFFICIENT	0.129		
CRAMER'S V	0.130		
LIKELIHOOD RATIO CHISQUARE	3.144	DF= 3	PROB=0.3700

Table 99

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY SCALED APRT SCORE (PTRSLTS)

MSPT / PTRSLTS FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
LE 1.75	14 7.29 17.07 46.67	15 7.81 18.29 51.72	32 16.67 39.02 45.71	9 4.69 10.98 31.03	12 6.25 14.63 35.29	82 42.71
High						
1.76 TO 2.50	6 3.13 11.76 20.00	6 3.13 11.76 20.69	20 10.42 39.22 28.57	8 4.17 15.69 27.59	11 5.73 21.57 32.35	51 26.56
2.51 TO 3.25	6 3.13 24.00 20.00	2 1.04 8.00 6.90	6 3.13 24.00 8.57	4 2.08 16.00 13.79	7 3.65 28.00 20.59	25 13.02
GT 3.25	4 2.08 11.76 13.33	6 3.13 17.65 20.69	12 6.25 35.29 17.14	8 4.17 23.53 27.59	4 2.08 11.76 11.76	34 17.71
Low						
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	10.872	DF= 12	PROB=0.5399
PHI	0.238		
CONTINGENCY COEFFICIENT	0.231		
CRAMER'S V	0.137		
LIKELIHOOD RATIO CHISQUARE	10.819	DF= 12	PROB=0.5445

Table 100

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY SCALED EXERCISE IMPORTANCE (MIMPEX)

MSPT	MIMPEX	High		Low		
FREQUENCY PERCENT ROW PCT COL PCT	.	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
High — LE 1.75	2	38 20.21 47.50 38.78	33 17.55 41.25 42.31	9 4.79 11.25 90.00	0 0.00 0.00 0.00	80 42.55
1.76 TO 2.50	1	31 16.49 62.00 31.63	18 9.57 36.00 23.08	0 0.00 0.00 0.00	1 0.53 2.00 50.00	50 26.60
2.51 TO 3.25	0	15 7.98 60.00 15.31	10 5.32 40.00 12.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25 13.30
Low — GT 3.25	1	14 7.45 42.42 14.29	17 9.04 51.52 21.79	1 0.53 3.03 10.00	1 0.53 3.03 50.00	33 17.55
TOTAL		98 52.13	78 41.49	10 5.32	2 1.06	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	15.667	DF= 9	PROB=0.0742
PHI	0.289		
CONTINGENCY COEFFICIENT	0.277		
CRAMER'S V	0.167		
LIKELIHOOD RATIO CHISQUARE	18.991	DF= 9	PROB=0.0253

FACTORS INFLUENCING EXERCISE INJURIES

Tables 101 to 151

Table 101

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED AGE (CM)

MAJOR	CM				
FREQUENCY PERCENT ROW PCT COL PCT	.	20 TO 29	30 TO 39	40 AND MORE	TOTAL
NONE	7	46	94	1	141
		25.00	51.09	0.54	76.63
		32.62	66.67	0.71	
		82.14	75.20	33.33	
PRESENT	1	10	31	2	43
		5.43	16.85	1.09	23.37
		23.26	72.09	4.65	
		17.86	24.80	66.67	
TOTAL		56	125	3	184
		30.43	67.93	1.63	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.233	DF= 2	PROB=0.1204
PHI	0.152		
CONTINGENCY COEFFICIENT	0.150		
CRAMER'S V	0.152		
LIKELIHOOD RATIO CHISQUARE	3.679	DF= 2	PROB=0.1589

Table 102

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY TYPE OF UNIT (E)

MAJOR E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
NONE	4	10	82	9	33	10	144
	.	5.32	43.62	4.79	17.55	5.32	76.60
	.	6.94	56.94	6.25	22.92	6.94	
	.	62.50	78.10	69.23	80.49	76.92	
PRESENT	0	6	23	4	8	3	44
	.	3.19	12.23	2.13	4.26	1.60	23.40
	.	13.64	52.27	9.09	18.18	6.82	
	.	37.50	21.90	30.77	19.51	23.08	
TOTAL	.	16	105	13	41	13	188
	.	8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.646	DF= 4	PROB=0.6188
PHI	0.119		
CONTINGENCY COEFFICIENT	0.118		
CRAMER'S V	0.119		
LIKELIHOOD RATIO CHISQUARE	2.454	DF= 4	PROB=0.6528

Table 103

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY MACOM CONTROLLING POST (F)

MAJOR F

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
NONE	4	56	28	17	26	17	144
		29.79	14.89	9.04	13.83	9.04	76.60
		38.89	19.44	11.81	18.06	11.81	
		84.85	82.35	58.62	74.29	70.83	
PRESENT	0	10	6	12	9	7	44
		5.32	3.19	6.38	4.79	3.72	23.40
		22.73	13.64	27.27	20.45	15.91	
		15.15	17.65	41.38	25.71	29.17	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.912	DF= 4	PROB=0.0633	
PHI	0.218			
CONTINGENCY COEFFICIENT	0.213			
CRAMER'S V	0.218			
LIKELIHOOD RATIO CHISQUARE	8.582	DF= 4	PROB=0.0736	

Table 104

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SEX (D)

MAJOR D

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FEMALE	MALE	TOTAL
NONE	4	32	112	144
	.	17.02	59.57	76.60
	.	22.22	77.78	
	.	80.00	75.68	
PRESENT	0	8	36	44
	.	4.26	19.15	23.40
	.	18.18	81.82	
	.	20.00	24.32	
TOTAL	.	40	148	188
	.	21.28	78.72	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.328	DF= 1	PROB=0.5666
PHI	0.042		
CONTINGENCY COEFFICIENT	0.042		
CRAMER'S V	0.042		
LIKELIHOOD RATIO CHISQUARE	0.337	DF= 1	PROB=0.5614
CONTINUITY ADJ. CHI-SQUARE	0.132	DF= 1	PROB=0.7168
FISHER'S EXACT TEST (1-TAIL)			PROB=0.3659
(2-TAIL)			PROB=0.6761

Table 105

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MAJOR	WTCD			
FREQUENCY PERCENT ROW PCT COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	3	115	30	145
	.	60.85	15.87	76.72
	.	79.31	20.69	
	.	79.31	68.18	
PRESENT	0	30	14	44
	.	15.87	7.41	23.28
	.	68.18	31.82	
	.	20.69	31.82	
TOTAL	.	145	44	189
	.	76.72	23.28	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.341	DF=	1	PROB=0.1260
PHI	0.111			
CONTINGENCY COEFFICIENT	0.111			
CRAMER'S V	0.111			
LIKELIHOOD RATIO CHISQUARE	2.229	DF=	1	PROB=0.1354
CONTINUITY ADJ. CHI-SQUARE	1.759	DF=	1	PROB=0.1847
FISHER'S EXACT TEST (1-TAIL)				PROB=0.0943
(2-TAIL)				PROB=0.1539

Table 106

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

MAJOR	PFATRNG				
FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
NONE	43 22.40 29.05 86.00	38 19.79 25.68 84.44	43 22.40 29.05 75.44	24 12.50 16.22 60.00	148 77.08
PRESENT	7 3.65 15.91 14.00	7 3.65 15.91 15.56	14 7.29 31.82 24.56	16 8.33 36.36 40.00	44 22.92
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	10.324	DF= 3	PROB=0.0160
PHI	0.232		
CONTINGENCY COEFFICIENT	0.226		
CRAMER'S V	0.232		
LIKELIHOOD RATIO CHISQUARE	9.906	DF= 3	PROB=0.0194

Table 107

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MAJOR	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	137 71.35 92.57 80.12	11 5.73 7.43 52.38	148 77.08
PRESENT	34 17.71 77.27 19.88	10 5.21 22.73 47.62	44 22.92
TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	8.145	DF= 1	PROB=0.0043
PHI	0.206		
CONTINGENCY COEFFICIENT	0.202		
CRAMER'S V	0.206		
LIKELIHOOD RATIO CHISQUARE	7.049	DF= 1	PROB=0.0079
CONTINUITY ADJ. CHI-SQUARE	6.651	DF= 1	PROB=0.0099
FISHER'S EXACT TEST (1-TAIL)			PROB=0.0074
(2-TAIL)			PROB=0.0103

Table 108

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MAJOR	MUFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
NONE	103 53.65 69.59 80.47	12 6.25 8.11 70.59	11 5.73 7.43 84.62	9 4.69 6.08 50.00	13 6.77 8.78 81.25	148 77.08
PRESENT	25 13.02 56.82 19.53	5 2.60 11.36 29.41	2 1.04 4.55 15.38	9 4.69 20.45 50.00	3 1.56 6.82 18.75	44 22.92
TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.285	DF= 4	PROB=0.0543
PHI	0.220		
CONTINGENCY COEFFICIENT	0.215		
CRAMER'S V	0.220		
LIKELIHOOD RATIO CHISQUARE	8.118	DF= 4	PROB=0.0874

Table 109

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MAJOR	MIFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
NONE	54 28.13 36.49 85.71	19 9.90 12.84 79.17	11 5.73 7.43 73.33	27 14.06 18.24 77.14	37 19.27 25.00 67.27	148 77.08
PRESENT	9 4.69 20.45 14.29	5 2.60 11.36 20.83	4 2.08 9.09 26.67	8 4.17 18.18 22.86	18 9.38 40.91 32.73	44 22.92
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.832	DF= 4	PROB=0.2121
PHI	0.174		
CONTINGENCY COEFFICIENT	0.172		
CRAMER'S V	0.174		
LIKELIHOOD RATIO CHISQUARE	5.886	DF= 4	PROB=0.2079

Table 110

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MAJOR	SMFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
NONE	46 23.96 31.08 88.46	8 4.17 5.41 80.00	6 3.13 4.05 66.67	16 8.33 10.81 76.19	72 37.50 48.65 72.00	148 77.08
PRESENT	6 3.13 13.64 11.54	2 1.04 4.55 20.00	3 1.56 6.82 33.33	5 2.60 11.36 23.81	28 14.56 63.64 28.00	44 22.92
TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	5.884	DF= 4	PROB=0.2080
PHI	0.175		
CONTINGENCY COEFFICIENT	0.172		
CRAMER'S V	0.175		
LIKELIHOOD RATIO CHISQUARE	6.393	DF= 4	PROB=0.1717

Table 111

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

MAJOR	PTCODE			
FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
NONE	5	93	50	143
	.	50.54	27.17	77.72
	.	65.03	34.97	
	.	81.58	71.43	
PRESENT	3	21	20	41
	.	11.41	10.87	22.28
	.	51.22	48.78	
	.	18.42	28.57	
TOTAL	.	114	70	184
	.	61.96	38.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.580	DF=	1	PROB=0.1082
PHI	0.118			
CONTINGENCY COEFFICIENT	0.118			
CRAMER'S V	0.118			
LIKELIHOOD RATIO CHISQUARE	2.532	DF=	1	PROB=0.1115
CONTINUITY ADJ. CHI-SQUARE	2.027	DF=	1	PROB=0.1545
FISHER'S EXACT TEST (1-TAIL)				PROB=0.0781
(2-TAIL)				PROB=0.1439

Table 112

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED APRT SCORE (PTRSLTS)

MAJOR PTRSLTS

FREQUENCY / PERCENT / ROW PCT / COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
NONE	20 10.42 13.51 66.67	19 9.90 12.84 65.52	56 29.17 37.84 80.00	26 13.54 17.57 89.66	27 14.06 18.24 79.41	148 77.08
PRESENT	10 5.21 22.73 33.33	10 5.21 22.73 34.48	14 7.29 31.82 20.00	3 1.56 6.82 10.34	7 3.65 15.91 20.59	44 22.92
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	7.075	DF= 4	PROB=0.1320	
PHI	0.192			
CONTINGENCY COEFFICIENT	0.189			
CRAMER'S V	0.192			
LIKELIHOOD RATIO CHISQUARE	7.220	DF= 4	PROB=0.1247	

Table 113

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)

MAJOR	MFACIN				
FREQUENCY / PERCENT / ROW PCT / COL PCT	High			Low	
	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
NONE	86 44.79 58.11 78.18	25 13.02 16.89 83.33	22 11.46 14.86 75.86	15 7.81 10.14 65.22	148 77.08
PRESENT	24 12.50 54.55 21.82	5 2.60 11.36 16.67	7 3.65 15.91 24.14	8 4.17 18.18 34.78	44 22.92
TOTAL	110 57.29	30 15.63	29 15.10	23 11.98	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.596	DF= 3	PROB=0.4581
PHI	0.116		
CONTINGENCY COEFFICIENT	0.116		
CRAMER'S V	0.116		
LIKELIHOOD RATIO CHISQUARE	2.475	DF= 3	PROB=0.4798

Table 114

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, Q69 (MFACOUT)

MAJOR	MFACOUT				
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.75	1.76 TO 2.50	2.51 TO 3.25	Low GT 3.25	TOTAL
NONE	85 44.27 57.43 77.98	32 16.67 21.62 86.49	14 7.29 9.46 66.67	17 8.85 11.49 68.00	148 77.08
PRESENT	24 12.50 54.55 22.02	5 2.60 11.36 13.51	7 3.65 15.91 33.33	8 4.17 18.18 32.00	44 22.92
TOTAL	109 56.77	37 19.27	21 10.94	25 13.02	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.359	DF= 3	PROB=0.2252
PHI	0.151		
CONTINGENCY COEFFICIENT	0.149		
CRAMER'S V	0.151		
LIKELIHOOD RATIO CHISQUARE	4.395	DF= 3	PROB=0.2219

Table 115

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING
UP MFACIN, MFACOUT, & MSPT (MFACOVER)

MAJOR	MFACOVER				
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.76	1.76 TO 2.50	2.51 TO 3.25	Low GT 3.25	TOTAL
NONE	102 53.13 68.92 76.12	30 15.63 20.27 88.24	9 4.69 6.08 64.29	7 3.65 4.73 70.00	148 77.08
PRESENT	32 16.67 72.73 23.88	4 2.08 9.09 11.76	5 2.60 11.36 35.71	3 1.56 6.82 30.00	44 22.92
TOTAL	134 69.79	34 17.71	14 7.2	10 5.21	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.046	DF= 3	PROB=0.2565
PHI	0.145		
CONTINGENCY COEFFICIENT	0.144		
CRAMER'S V	0.145		
LIKELIHOOD RATIO CHISQUARE	4.278	DF= 3	PROB=0.2329

Table 116

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q154, Q157, Q159, & Q160 (MIMPEX)

MAJOR	MIMPEX	High		Low		
FREQUENCY PERCENT ROW PCT COL PCT	.	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
NONE	4	76	61	6	1	144
		40.43	32.45	3.19	0.53	76.60
		52.78	42.36	4.17	0.69	
		77.55	78.21	60.00	50.00	
PRESENT	0	22	17	4	1	44
		11.70	9.04	2.13	0.53	23.40
		50.00	38.64	9.09	2.27	
		22.45	21.79	40.00	50.00	
TO		98	78	10	2	188
		52.13	41.49	5.32	1.06	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.488	DF=	3	PROB=0.4774
PHI	0.115			
CONTINGENCY COEFFICIENT	0.114			
CRAMER'S V	0.115			
LIKELIHOOD RATIO CHISQUARE	2.187	DF=	3	PROB=0.5344

Table 117

PT OFFICER SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
BY SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)

MAJOR	MSPT				
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.75	1.76 TO 2.50	2.51 TO 3.25	Low GT 3.25	TOTAL
NONE	66 34.38 44.59 80.49	34 17.71 22.97 66.67	20 10.42 13.51 80.00	28 14.58 18.92 82.35	148 77.08
PRESENT	16 8.33 36.36 19.51	17 8.85 38.64 33.33	5 2.60 11.36 20.00	6 3.13 13.64 17.65	44 22.92
TOTAL	82 42.71	51 26.56	25 13.02	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.326	DF= 3	PROB=0.2284
PHI	0.150		
CONTINGENCY COEFFICIENT	0.148		
CRAMER'S V	0.150		
LIKELIHOOD RATIO CHISQUARE	4.117	DF= 3	PROB=0.2491

Table 118

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED AGE (CM)

MINOR	CM				
FREQUENCY PERCENT ROW PCT COL PCT	.	20 TO 29	30 TO 39	40 AND MORE	TOTAL
NONE	8	45	93	1	139
		24.46	50.54	0.54	75.54
		32.37	66.91	0.72	
		80.36	74.40	33.33	
PRESENT	0	11	32	2	45
		5.98	17.39	1.09	24.46
		24.44	71.11	4.44	
		19.64	25.60	66.67	
TOTAL		56	125	3	184
		30.43	67.93	1.63	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.684	DF= 2	PROB=0.1585
PHI	0.141		
CONTINGENCY COEFFICIENT	0.140		
CRAMER'S V	0.141		
LIKELIHOOD RATIO CHISQUARE	3.200	DF= 2	PROB=0.2019

Table 119

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY TYPE OF UNIT (E)

MINOR E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
NONE	4	12	79	8	33	11	143
	.	6.38	42.02	4.26	17.55	5.85	76.06
	.	8.39	55.24	5.59	23.08	7.69	
	.	75.00	75.24	61.54	80.49	84.62	
PRESENT	0	4	26	5	8	2	45
	.	2.13	13.83	2.66	4.26	1.06	23.94
	.	8.89	57.78	11.11	17.78	4.44	
	.	25.00	24.76	38.46	19.51	15.38	
TOTAL	.	16	105	13	41	13	188
	.	8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.519	DF=	4	PROB=0.6413
PHI	0.116			
CONTINGENCY COEFFICIENT	0.115			
CRAMER'S V	0.116			
LIKELIHOOD RATIO CHISQUARE	2.438	DF=	4	PROB=0.6557

Table 120

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY MACOM CONTROLLING POST (F)

MINOR F

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
NONE	4	57	28	17	25	16	143
		30.32	14.89	9.04	13.30	8.51	76.06
		39.86	19.58	11.89	17.48	11.19	
		86.36	82.35	58.62	71.43	66.67	
PRESENT	0	9	6	12	10	8	45
		4.79	3.19	6.38	5.32	4.26	23.94
		20.00	13.33	26.67	22.22	17.78	
		13.64	17.65	41.38	28.57	33.33	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	11.008	DF= 4	PROB=0.0265
PHI	0.242		
CONTINGENCY COEFFICIENT	0.235		
CRAMER'S V	0.242		
LIKELIHOOD RATIO CHISQUARE	10.897	DF= 4	PROB=0.0277

Table 121

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SEX (D)

MINOR D

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FEMALE	MALE	TOTAL
NONE	4	32	111	143
	.	17.02	59.04	76.06
	.	22.38	77.62	
	.	80.00	75.00	
PRESENT	0	8	37	45
	.	4.26	19.68	23.94
	.	17.78	82.22	
	.	20.00	25.00	
TOTAL	.	40	148	188
	.	21.28	78.72	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.432	DF= 1	PROB=0.5108	
PHI	0.048			
CONTINGENCY COEFFICIENT	0.048			
CRAMER'S V	0.048			
LIKELIHOOD RATIO CHISQUARE	0.446	DF= 1	PROB=0.5044	
CONTINUITY ADJ. CHI-SQUARE	0.201	DF= 1	PROB=0.6536	
FISHER'S EXACT TEST (1-TAIL)			PROB=0.3333	
(2-TAIL)			PROB=0.6765	

Table 122

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MINOR	WTCD			
FREQUENCY PERCENT ROW PCT COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	3	115 60.85 79.86 79.31	29 15.34 20.14 65.91	144 76.19
PRESENT	0	30 15.87 66.67 20.69	15 7.94 33.33 34.09	45 23.81
TOTAL		145 76.72	44 23.28	189 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	3.342	DF= 1	PROB=0.0675
PHI	0.133		
CONTINGENCY COEFFICIENT	0.132		
CRAMER'S V	0.133		
LIKELIHOOD RATIO CHISQUARE	3.164	DF= 1	PROB=0.0753
CONTINUITY ADJ. CHI-SQUARE	2.644	DF= 1	PROB=0.1039
FISHER'S EXACT TEST (1-TAIL)			PROB=0.0546
(2-TAIL)			PROB=0.0728

Table 123

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED PERCENT BODY FAT (PFATRNG)

MINOR	PFATRNG				
FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
NONE	42 21.88 28.57 84.00	36 18.75 24.49 80.00	45 23.44 30.61 78.95	24 12.50 16.33 60.00	147 76.56
PRESENT	8 4.17 17.78 16.00	9 4.69 20.00 20.00	12 6.25 26.67 21.05	16 8.33 35.56 40.00	45 23.44
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.133	DF= 3	PROB=0.0433	
PHI	0.206			
CONTINGENCY COEFFICIENT	0.202			
CRAMER'S V	0.206			
LIKELIHOOD RATIO CHISQUARE	7.577	DF= 3	PROB=0.0556	

Table 124

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MINOR	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	136 70.83 92.52 79.53	11 5.73 7.48 52.38	147 76.56
PRESENT	35 18.23 77.78 20.47	10 5.21 22.22 47.62	45 23.44
TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.684	DF= 1	PROB=0.0056
PHI	0.200		
CONTINGENCY COEFFICIENT	0.196		
CRAMER'S V	0.200		
LIKELIHOOD RATIO CHISQUARE	6.694	DF= 1	PROB=0.0097
CONTINUITY ADJ. CHI-SQUARE	6.245	DF= 1	PROB=0.0125
FISHER'S EXACT TEST (1-TAIL)			PROB=0.0089
(2-TAIL)			PROB=0.0114

Table 125

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY
TIMES DURATION (MUFID)

MINOR / MUFID	Low				High	
FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
NONE	102 53.13 69.39 79.69	12 6.25 8.16 70.59	10 5.21 6.80 76.92	9 4.69 6.12 50.00	14 7.29 9.52 87.50	147 76.56
PRESENT	26 13.54 57.78 20.31	5 2.60 11.11 29.41	3 1.56 6.67 23.08	9 4.69 20.00 50.00	2 1.04 4.44 12.50	45 23.44
TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.180	DF= 4	PROB=0.0568
PHI	0.219		
CONTINGENCY COEFFICIENT	0.214		
CRAMER'S V	0.219		
LIKELIHOOD RATIO CHISQUARE	8.235	DF= 4	PROB=0.0833

Table 126

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (MIFID)

MINOR	MIFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 100	TOTAL
NONE	53 27.60 36.05 84.13	18 9.38 12.24 75.00	12 6.25 8.16 80.00	28 14.58 19.05 80.00	36 18.75 24.49 65.45	147 76.56
PRESENT	10 5.21 22.22 15.87	6 3.13 13.33 25.00	3 1.56 6.67 20.00	7 3.65 15.56 20.00	19 9.90 42.22 34.55	45 23.44
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	6.153	DF= 4	PROB=0.1880
PHI	0.179		
CONTINGENCY COEFFICIENT	0.176		
CRAMER'S V	0.179		
LIKELIHOOD RATIO CHISQUARE	6.022	DF= 4	PROB=0.1975

Table 127

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MINOR / SMFID	Low				High	
FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 10 0	TOTAL
NONE	46 23.96 31.29 88.46	8 4.17 5.44 80.00	6 3.13 4.08 66.67	17 8.85 11.56 80.95	70 36.46 47.62 70.00	147 76.56
PRESENT	6 3.13 13.33 11.54	2 1.04 4.44 20.00	3 1.56 6.67 33.33	4 2.08 8.89 19.05	30 15.63 66.67 30.00	45 23.44
TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.286	DF=	4	PROB=0.1215
PHI	0.195			
CONTINGENCY COEFFICIENT	0.191			
CRAMER'S V	0.195			
LIKELIHOOD RATIO CHISQUARE	7.810	DF=	4	PROB=0.0988

Table 128

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

MINOR / PTCODE	.	PASSED	FAILED	TOTAL
NONE	6	91	50	141
		49.46	27.17	76.63
		64.54	35.46	
		79.82	71.43	
PRESENT	2	23	20	43
		12.50	10.87	23.37
		53.49	46.51	
		20.18	28.57	
TOTAL		114	70	184
		61.96	38.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.707	DF= 1	PROB=0.1914	
PHI	0.096			
CONTINGENCY COEFFICIENT	0.096			
CRAMER'S V	0.096			
LIKELIHOOD RATIO CHISQUARE	1.681	DF= 1	PROB=0.1948	
CONTINUITY ADJ. CHI-SQUARE	1.271	DF= 1	PROB=0.2597	
FISHER'S EXACT TEST (1-TAIL)			PROB=0.1302	
(2-TAIL)			PROB=0.2119	

Table 129

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED APRT SCORE (PTRSLTS)

MINOR	PTRSLTS					
FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
NONE	20 10.42 13.61 66.67	19 9.90 12.93 65.52	58 30.21 39.46 82.86	26 13.54 17.69 89.66	24 12.50 16.33 70.59	147 76.56
PRESENT	10 5.21 22.22 33.33	10 5.21 22.22 34.48	12 6.25 26.67 17.14	3 1.56 6.67 10.34	10 5.21 22.22 29.41	45 23.44
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.601	DF= 4	PROB=0.0719	
PHI	0.212			
CONTINGENCY COEFFICIENT	0.207			
CRAMER'S V	0.212			
LIKELIHOOD RATIO CHISQUARE	8.913	DF= 4	PROB=0.0633	

Table 130

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36,
Q39, Q45, Q57, & Q75 (MFACIN)

MINOR	MFACIN				
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.75	1.76 TO 2.50	2.51 TO 3.25	Low GT 3.25	TOTAL
NONE	84 43.75 57.14 76.36	26 13.54 17.69 86.67	21 10.94 14.29 72.41	16 8.33 10.88 69.57	147 76.56
PRESENT	26 13.54 57.78 23.64	4 2.08 8.89 13.33	8 4.17 17.78 27.59	7 3.65 15.56 30.43	45 23.44
TOTAL	110 57.29	30 15.63	29 15.10	23 11.98	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.615	DF= 3	PROB=0.4549	
PHI	0.117			
CONTINGENCY COEFFICIENT	0.116			
CRAMER'S V	0.117			
LIKELIHOOD RATIO CHISQUARE	2.794	DF= 3	PROB=0.4245	

Table 131

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED RATING OF OUTDOOR FACILITIES -
MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)

MINOR	MFACOUT				
FREQUENCY / PERCENT / ROW PCT / COL PCT	High			Low	
	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
NONE	85 44.27 57.82 77.98	32 16.67 21.77 86.49	13 6.77 8.84 61.90	17 8.85 11.56 68.00	147 76.56
PRESENT	24 12.50 53.33 22.02	5 2.60 11.11 13.51	8 4.17 17.78 38.10	8 4.17 17.78 32.00	45 23.44
TOTAL	109 56.77	37 19.27	21 10.94	25 13.02	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.689	DF= 3	PROB=0.1278
PHI	0.172		
CONTINGENCY COEFFICIENT	0.170		
CRAMER'S V	0.172		
LIKELIHOOD RATIO CHISQUARE	5.615	DF= 3	PROB=0.1319

Table 132

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP
MFACIN, MFACOUT, & MSPT (MFACOVER)

MINOR	MFACOVER				
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.76	1.76 TO 2.50	2.51 TO 3.25	Low GT 3.25	TOTAL
NONE	102 53.13 69.39 76.12	31 16.15 21.09 91.18	7 3.65 4.76 50.00	7 3.65 4.76 70.00	147 76.56
PRESENT	32 16.67 71.11 23.88	3 1.56 6.67 8.82	7 3.65 13.56 50.00	3 1.56 6.67 30.00	45 23.44
TOTAL	134 69.79	34 17.71	14 7.29	10 5.21	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.806	DF= 3	PROB=0.0203
PHI	0.226		
CONTINGENCY COEFFICIENT	0.220		
CRAMER'S V	0.226		
LIKELIHOOD RATIO CHISQUARE	9.853	DF= 3	PROB=0.0199

Table 133

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)

MINOR	MIMPEX	High		Low		
FREQUENCY / PERCENT / ROW PCT / COL PCT		LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
NONE	4	74 39.36 51.75 75.51	61 32.45 42.66 78.21	6 3.19 4.20 60.00	2 1.06 1.40 100.00	143 76.06
PRESENT	0	24 12.77 53.33 24.49	17 9.04 37.78 21.79	4 2.13 8.89 40.00	0 0.00 0.00 0.00	45 23.94
TOTAL		98 52.13	78 41.49	10 5.32	2 1.06	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.260	DF= 3	PROB=0.5203
PHI	0.110		
CONTINGENCY COEFFICIENT	0.109		
CRAMER'S V	0.110		
LIKELIHOOD RATIO CHISQUARE	2.573	DF= 3	PROB=0.4623

Table 134

PT OFFICER SAMPLE

MINOR INJURY REPORTED IN Q126, Q130, & Q133 (MINOR)
BY SCALED RATING - EXERCISE SUPPORT BY POST/UNIT -
MEAN OF Q86, Q87, & Q91 (MSPT)

MINOR	MSPT				
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.75	1.76 TO 2.50	2.51 TO 3.25	Low GT 3.25	TOTAL
NONE	66 34.38 44.90 80.49	35 18.23 23.81 68.63	20 10.42 13.61 80.00	26 13.54 17.69 76.47	147 76.56
PRESENT	16 8.33 35.56 19.51	16 8.33 35.56 31.37	5 2.60 11.11 20.00	8 4.17 17.78 23.53	45 23.44
TOTAL	82 42.71	51 26.56	25 13.02	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.658	DF= 3	PROB=0.4473	
PHI	0.118			
CONTINGENCY COEFFICIENT	0.117			
CRAMER'S V	0.118			
LIKELIHOOD RATIO CHISQUARE	2.577	DF= 3	PROB=0.4615	

Table 135

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY Question 124

MFACIN	Q124		
FREQUENCY PERCENT ROW PCT COL PCT	0	1	TOTAL
LE 1.75 (High)	88 45.83 80.00 59.86	22 11.46 20.00 48.89	110 57.29
1.76 TO 2.50	24 12.50 80.00 16.33	6 3.13 20.00 13.33	30 15.63
2.51 TO 3.25	20 10.42 68.97 13.61	9 4.69 31.03 20.00	29 15.10
GT 3.25 (Low)	15 7.81 65.22 10.20	8 4.17 34.78 17.78	23 11.98
TOTAL	147 76.56	45 23.44	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	3.504	DF= 3	PROB=0.3202
PHI	0.135		
CONTINGENCY COEFFICIENT	0.134		
CRAMER'S V	0.135		
LIKELIHOOD RATIO CHISQUARE	3.335	DF= 3	PROB=0.3428

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 136

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY Question 124

MFACOUT * Q124			
FREQUENCY / PERCENT / ROW PCT / COL PCT	0	1	TOTAL
High — LE 1.75	87 45.31 79.82 59.18	22 11.46 20.18 48.89	109 56.77
1.76 TO 2.50	31 16.15 83.78 21.09	6 3.13 16.22 13.33	37 19.27
2.51 TO 3.25	12 6.25 57.14 8.16	9 4.69 42.86 20.00	21 10.94
Low — GT 3.25	17 8.85 68.00 11.56	8 4.17 32.00 17.78	25 13.02
TOTAL	147 76.56	45 23.44	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	7.153	DF= 3	PROB=0.0672
PHI	0.193		
CONTINGENCY COEFFICIENT	0.190		
CRAMER'S V	0.193		
LIKELIHOOD RATIO CHISQUARE	6.626	DF= 3	PROB=0.0848

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 137

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY QUESTION 124

MFACOVER	Q124		
FREQUENCY PERCENT ROW PCT COL PCT	0	1	TOTAL
LE 1.76 (High)	104 54.17 77.61 70.75	30 15.63 22.39 66.67	134 69.79
1.76 TO 2.50	29 15.10 85.29 19.73	5 2.60 14.71 11.11	34 17.71
2.51 TO 3.25	8 4.17 57.14 5.44	6 3.13 42.86 13.33	14 7.29
GT 3.25 (Low)	6 3.13 60.00 4.08	4 2.08 40.00 8.89	10 5.21
TOTAL	147 76.56	45 23.44	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	5.998	DF= 3	PROB=0.1117
PHI	0.177		
CONTINGENCY COEFFICIENT	0.174		
CRAMER'S V	0.177		
LIKELIHOOD RATIO CHISQUARE	5.599	DF= 3	PROB=0.1328

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 138

PT OFFICER SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q86, Q87, & Q91 (MSPT)
BY QUESTION 124

MSPT	Q124		
FREQUENCY PERCENT ROW PCT COL PCT	0	1	TOTAL
High — LE 1.75	69 35.94 84.15 46.94	13 6.77 15.85 28.89	82 42.71
1.76 TO 2.50	33 17.19 64.71 22.45	18 9.38 35.29 40.00	51 26.56
2.51 TO 3.25	19 9.90 76.00 12.93	6 3.13 24.00 13.33	25 13.02
GT 3.25 — Low	26 13.54 76.47 17.69	8 4.17 23.53 17.78	34 17.71
TOTAL	147 76.56	45 23.44	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	6.628	DF= 3	PROB=0.0847
PHI	0.186		
CONTINGENCY COEFFICIENT	0.183		
CRAMER'S V	0.186		
LIKELIHOOD RATIO CHISQUARE	6.507	DF= 3	PROB=0.0894

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 139

PT OFFICER SAMPLE

QUESTION 124 BY SCALED AGE (CM)

Q124	CM				
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	20 TO 29	30 TO 39	40 AND MORE	TOTAL
0	7	47 25.54 33.57 83.93	91 49.46 65.00 72.80	2 1.09 1.43 66.67	140 76.09
1	1	9 4.89 20.45 16.07	34 18.48 77.27 27.20	1 0.54 2.27 33.33	44 23.91
TOTAL		56 30.43	125 67.93	3 1.63	184 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.781	DF= 2	PROB=0.2489
PHI	0.123		
CONTINGENCY COEFFICIENT	0.122		
CRAMER'S V	0.123		
LIKELIHOOD RATIO CHISQUARE	2.924	DF= 2	PROB=0.2318

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 140

PT OFFICER SAMPLE

QUESTION 124 BY TYPE OF UNIT (E)

Q124 E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	GTF	TOTAL
0	4	11	78	9	34	11	143
	.	5.85	41.49	4.79	18.09	5.85	76.06
	.	7.69	54.55	6.29	23.78	7.69	
	.	68.75	74.29	69.23	82.93	84.62	
1	0	5	27	4	7	2	45
	.	2.66	14.36	2.13	3.72	1.06	23.94
	.	11.11	60.00	8.89	15.56	4.44	
	.	31.25	25.71	30.77	17.07	15.38	
TOTAL	.	16	105	13	41	13	188
	.	8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.569	DF=	4	PROB=0.6324
PHI	0.117			
CONTINGENCY COEFFICIENT	0.116			
CRAMER'S V	0.117			
LIKELIHOOD RATIO CHISQUARE	2.656	DF=	4	PROB=0.6169

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 141

PT OFFICER SAMPLE

QUESTION 124 BY MACOM CONTROLLING POST (F)

Q124 F

FREQUENCY / PERCENT / ROW PCT / COL PCT		FORSCOM	TRADOC	HSC - DARCOM	UCONUS	OTHER	TOTAL
0	4	54	29	18	27	15	143
		28.72	15.43	9.57	14.36	7.98	76.06
		37.76	20.28	12.59	18.88	10.49	
		81.82	85.29	62.07	77.14	62.50	
1	0	12	5	11	8	9	45
		6.38	2.66	5.85	4.26	4.79	23.94
		26.67	11.11	24.44	17.78	20.00	
		18.18	14.71	37.93	22.86	37.50	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.359	DF= 4	PROB=0.0793	
PHI	0.211			
CONTINGENCY COEFFICIENT	0.206			
CRAMER'S V	0.211			
LIKELIHOOD RATIO CHISQUARE	8.068	DF= 4	PROB=0.0891	

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 142

PT OFFICER SAMPLE

QUESTION 124 BY SEX (D)

Q124 D

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FEMALE	MALE	TOTAL
0	4	32	111	143
		17.02	59.04	76.06
		22.38	77.62	
		80.00	75.00	
1	0	8	37	45
		4.26	19.68	23.94
		17.78	82.22	
		20.00	25.00	
TOTAL		40	148	188
		21.28	78.72	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.432	DF= 1	PROB=0.5108	
PHI	0.048			
CONTINGENCY COEFFICIENT	0.048			
CRAMER'S V	0.048			
LIKELIHOOD RATIO CHISQUARE	0.446	DF= 1	PROB=0.5044	
CONTINUITY ADJ. CHI-SQUARE	0.201	DF= 1	PROB=0.6536	
FISHER'S EXACT TEST (1-TAIL)			PROB=0.3333	
(2-TAIL)			PROB=0.6765	

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 143

PT OFFICER SAMPLE

QUESTION 124 BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

Q124	WTCD			
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
0	3	111	33	144
		58.73	17.46	76.19
		77.08	22.92	
		76.55	75.00	
1	0	34	11	45
		17.99	5.82	23.81
		75.56	24.44	
		23.45	25.00	
TOTAL		145	44	189
		76.72	23.28	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.045	DF= 1	PROB=0.8324
PHI	0.015		
CONTINGENCY COEFFICIENT	0.015		
CRAMER'S V	0.015		
LIKELIHOOD RATIO CHISQUARE	0.044	DF= 1	PROB=0.8330
CONTINUITY ADJ. CHI-SQUARE	0.000	DF= 1	PROB=0.9923
FISHER'S EXACT TEST (1-TAIL)			PROB=0.4885
(2-TAIL)			PROB=0.8414

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES	45
(2) NO	0

Table 144

PT OFFICER SAMPLE

QUESTION 124 BY SCALED PERCENT OF BODY FAT (PFATRNG)

Q124	PFATRNG				
FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
0	41 21.35 27.89 82.00	37 19.27 25.17 82.22	42 21.88 28.57 73.68	27 14.06 18.37 67.50	147 76.56
1	9 4.69 20.00 18.00	8 4.17 17.78 17.78	15 7.81 33.33 26.32	13 6.77 28.89 32.50	45 23.44
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	3.721	DF= 3	PROB=0.2932
PHI	0.139		
CONTINGENCY COEFFICIENT	0.138		
CRAMER'S V	0.139		
LIKELIHOOD RATIO CHISQUARE	3.683	DF= 3	PROB=0.2978

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 145

PT OFFICER SAMPLE

QUESTION 124 BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

Q124	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
0	135 70.31 91.84 78.95	12 6.25 8.16 57.14	147 76.56
1	36 18.75 80.00 21.05	9 4.69 20.00 42.86	45 23.44
TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.955	DF= 1	PROB=0.0260
PHI	0.161		
CONTINGENCY COEFFICIENT	0.159		
CRAMER'S V	0.161		
LIKELIHOOD RATIO CHISQUARE	4.398	DF= 1	PROB=0.0360
CONTINUITY ADJ. CHI-SQUARE	3.815	DF= 1	PROB=0.0508
FISHER'S EXACT TEST (1-TAIL)			PROB=0.0301
(2-TAIL)			PROB=0.0516

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 146

PT OFFICER SAMPLE

QUESTION 124 BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

Q124 FREQUENCY / PERCENT / ROW PCT / COL PCT	MUFID Low: LE 19	20 TO 39	40 TO 59	60 TO 79	High: 80 TO 100	TOTAL
0	102 53.13 69.39 79.69	12 6.25 8.16 70.59	9 4.69 6.12 69.23	11 5.73 7.48 61.11	13 6.77 8.84 81.25	147 76.56
1	26 13.54 57.78 20.31	5 2.60 11.11 29.41	4 2.08 8.89 30.77	7 3.65 15.56 38.89	3 1.56 6.67 18.75	45 23.44
TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.015	DF= 4	PROB=0.4040
PHI	0.145		
CONTINGENCY COEFFICIENT	0.143		
CRAMER'S V	0.145		
LIKELIHOOD RATIO CHISQUARE	3.742	DF= 4	PROB=0.4420

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 147

PT OFFICER SAMPLE

QUESTION 124 BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

Q124	MIFID					
FREQUENCY / PERCENT / ROW PCT / COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
0	55 28.65 37.41 87.30	19 9.90 12.93 79.17	11 5.73 7.48 73.33	26 13.54 17.69 74.29	36 18.75 24.49 65.45	147 76.56
1	8 4.17 17.78 12.70	5 2.60 11.11 20.83	4 2.08 8.89 26.67	9 4.69 20.00 25.71	19 9.90 42.22 34.55	45 23.44
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.110	DF= 4	PROB=0.0876
PHI	0.206		
CONTINGENCY COEFFICIENT	0.201		
CRAMER'S V	0.206		
LIKELIHOOD RATIO CHISQUARE	8.365	DF= 4	PROB=0.0791

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 148

PT OFFICER SAMPLE

QUESTION 124 BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID)

Q124	SMFID					
FREQUENCY / PERCENT / ROW PCT / COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 10 0	TOTAL
0	44 23.96 31.29 88.46	8 4.17 5.44 80.00	7 3.65 4.76 77.78	15 7.81 10.20 71.43	71 36.98 48.30 71.00	147 76.56
1	6 3.13 13.33 11.54	2 1.04 4.44 20.00	2 1.04 4.44 22.22	6 3.13 13.33 28.57	29 15.10 64.44 29.00	45 23.44
TOTAL	52 27.08	10 5.21	9 4.69	21 10.94	100 52.08	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	6.209	DF= 4	PROB=0.1841
PHI	0.180		
CONTINGENCY COEFFICIENT	0.177		
CRAMER'S V	0.180		
LIKELIHOOD RATIO CHISQUARE	6.798	DF= 4	PROB=0.1470

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 149

PT OFFICER SAMPLE

QUESTION 124 BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

Q124	PTCODE			
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	PASSED	FAILED	TOTAL
0	5	90	52	142
		48.91	28.26	77.17
		63.38	36.62	
		78.95	74.29	
1	3	24	18	42
		13.04	9.78	22.83
		57.14	42.86	
		21.05	25.71	
TOTAL		114	70	184
		61.96	38.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.535	DF= 1		PROB=0.4645
PHI	0.054			
CONTINGENCY COEFFICIENT	0.054			
CRAMER'S V	0.054			
LIKELIHOOD RATIO CHISQUARE	0.530	DF= 1		PROB=0.4667
CONTINUITY ADJ. CHI-SQUARE	0.303	DF= 1		PROB=0.5819
FISHER'S EXACT TEST (1-TAIL)				PROB=0.2893
(2-TAIL)				PROB=0.4747

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 150

PT OFFICER SAMPLE

QUESTION 124 BY SCALED APRT SCORE (PTRSLTS)

Q124	PTRSLTS					
FREQUENCY / PERCENT / ROW PCT / COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
0	21 10.94 14.29 70.00	20 10.42 13.61 68.97	57 29.69 38.78 81.43	26 13.54 17.69 89.66	23 11.98 15.65 67.65	147 76.56
1	9 4.69 20.00 30.00	9 4.69 20.00 31.03	13 6.77 28.89 18.57	3 1.56 6.67 10.34	11 5.73 24.44 32.35	45 23.44
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	6.853	DF= 4	PROB=0.1439	
PHI	0.189			
CONTINGENCY COEFFICIENT	0.186			
CRAMER'S V	0.189			
LIKELIHOOD RATIO CHISQUARE	7.226	DF= 4	PROB=0.1244	

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

Table 151

PT OFFICER SAMPLE

QUESTION 124 BY SCALED ARMY CONCERN -
MEAN OF Q137, Q138, & Q172 (MARC)

Q124	MARC			
FREQUENCY PERCENT ROW PCT COL PCT	High		Low	
	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	TOTAL
0	55 28.65 37.41 75.34	66 34.38 44.90 77.65	26 13.54 17.69 76.47	147 76.56
1	18 9.38 40.00 24.66	19 9.90 42.22 22.35	8 4.17 17.78 23.53	45 23.44
TOTAL	73 38.02	85 44.27	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.116	DF= 2	PROB=0.9434
PHI	0.025		
CONTINGENCY COEFFICIENT	0.025		
CRAMER'S V	0.025		
LIKELIHOOD RATIO CHISQUARE	0.116	DF= 2	PROB=0.9435

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

WEIGHT CONTROL

Tables 152 to 194

Table 152

PT OFFICER SAMPLE

SCALED AGE (CM) BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

CM / WTCD FREQUENCY PERCENT ROW PCT COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
.	0	6	2	.
	.	.	.	.
	.	.	.	
	.	.	.	
20 TO 29	2	41	13	54
	.	22.65	7.18	29.83
	.	75.93	24.07	
	.	29.50	30.95	
30 TO 39	1	97	27	124
	.	53.59	14.92	68.51
	.	78.23	21.77	
	.	69.78	64.29	
40 AND MORE	0	1	2	3
	.	0.55	1.10	1.66
	.	33.33	66.67	
	.	0.72	4.76	
TOTAL	.	139	42	181
	.	76.80	23.20	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.345	DF= 2	PROB=0.1877
PHI	0.136		
CONTINGENCY COEFFICIENT	0.135		
CRAMER'S V	0.136		
LIKELIHOOD RATIO CHISQUARE	2.719	DF= 2	PROB=0.2567

Table 153

PT OFFICER SAMPLE

TYPE OF UNIT (E) BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

E	WTCD			
FREQUENCY PERCENT ROW PCT COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
.	0	2	2	.
	.	.	.	.
	.	.	.	
	.	.	.	
OTHER	0	15	1	16
	.	8.11	0.54	8.65
	.	93.75	5.25	
	.	10.49	2.38	
MTF	3	75	27	102
	.	40.54	14.59	55.14
	.	73.53	26.47	
	.	52.45	64.29	
RES	0	8	5	13
	.	4.32	2.70	7.03
	.	61.54	38.46	
	.	5.59	11.90	
FLD	0	34	7	41
	.	18.38	3.78	22.16
	.	82.93	17.07	
	.	23.78	16.67	
STF	0	11	2	13
	.	5.95	1.08	7.03
	.	84.62	15.38	
	.	7.69	4.76	
TOTAL	.	143	42	185
	.	77.30	22.70	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	6.270	DF=	4	PROB=0.1799
PHI	0.184			
CONTINGENCY COEFFICIENT	0.181			
CRAMER'S V	0.184			
LIKELIHOOD RATIO CHISQUARE	6.853	DF=	4	PROB=0.1439

Table 154

PT OFFICER SAMPLE

HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)
BY TYPE OF UNIT (E)

CONTROLLED FOR MALE

WTCD	E						
FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
.	0 . . .	0 . . .	0 . . .	0 . . .	0 . . .	0 . . .	. .
ACCEPTABLE	2 . . .	9 6.21 8.26 90.00	60 41.38 55.05 74.07	3 2.07 2.75 37.50	30 20.69 27.52 81.08	7 4.83 6.42 77.78	109 75.17
UNACCEPTABLE	1 . . .	1 0.69 2.78 10.00	21 14.48 58.33 25.93	5 3.45 13.89 62.50	7 4.83 19.44 18.92	2 1.38 5.56 22.22	36 24.83
TOTAL	. .	10 6.90	81 55.86	8 5.52	37 25.52	9 6.21	145 100.00

Table 155

PT OFFICER SAMPLE

HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)
BY TYPE OF UNIT (E)

CONTROLLED FOR FEMALE

WTCD / FREQUENCY / PERCENT / ROW PCT / COL PCT	E .	OTHER	MTF	RES	FLD	STF	TOTAL
.	0	0	3	0	0	0	.
ACCEPTABLE	0	6 16.67 19.35 100.00	13 36.11 41.94 72.22	4 11.11 12.90 100.00	4 11.11 12.90 100.00	4 11.11 12.90 100.00	31 86.11
UNACCEPTABLE	1	0 0.00 0.00 0.00	5 13.89 100.00 27.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 13.89
TOTAL	.	6 16.67	18 50.00	4 11.11	4 11.11	4 11.11	36 100.00

Table 156

PT OFFICER SAMPLE

HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)
BY MACOM CONTROLLING POST (F)

WTCD	F						
FREQUENCY PERCENT ROW PCT COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
.	0	0	2	0	0	1	.
	.	.	.	.	.	.	.
ACCEPTABLE	2	51	26	16	29	21	143
	.	27.57	14.05	8.65	15.68	11.35	77.30
	.	35.66	18.18	11.19	20.28	14.69	
	.	77.27	81.25	55.17	82.86	91.30	
UNACCEPTABLE	2	15	6	13	6	2	42
	.	8.11	3.24	7.03	3.24	1.08	22.70
	.	35.71	14.29	30.95	14.29	4.76	
	.	22.73	18.75	44.83	17.14	8.70	
TOTAL	.	66	32	29	35	23	185
	.	35.68	17.30	15.68	18.92	12.43	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	11.562	DF=	4	PROB=0.0209
PHI	0.250			
CONTINGENCY COEFFICIENT	0.243			
CRAMER'S V	0.250			
LIKELIHOOD RATIO CHISQUARE	11.010	DF=	4	PROB=0.0264

Table 157

PT OFFICER SAMPLE

HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)
BY MOS

WTCD / MOS FREQUENCY PERCENT ROW PCT COL PCT		MC	DC	VC	AMSC	ANC	MSCADM	MSCPROF	TOTAL
.	0	0	0	0	0	1	2	0	.
	.	.	.	.	.	.	.	.	.
	.	.	.	.	.	.	.	.	
	.	.	.	.	.	.	.	.	
ACCEPTABLE	2	10	23	4	1	23	57	25	143
	.	5.41	12.43	2.16	0.54	12.43	30.81	13.51	77.30
	.	6.99	16.08	2.80	0.70	16.08	39.86	17.48	
	.	83.33	79.31	100.00	100.00	82.14	79.17	64.10	
UNACCEPTABLE	2	2	6	0	0	5	15	14	42
	.	1.08	3.24	0.00	0.00	2.70	8.11	7.57	22.70
	.	4.76	14.29	0.00	0.00	11.90	35.71	33.33	
	.	16.67	20.69	0.00	0.00	17.86	20.83	35.90	
TOTAL	.	12	29	4	1	28	72	39	185
	.	6.49	15.68	2.16	0.54	15.14	38.92	21.08	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	6.172	DF= 6	PROB=0.4042
PHI	0.183		
CONTINGENCY COEFFICIENT	0.180		
CRAMER'S V	0.183		
LIKELIHOOD RATIO CHISQUARE	6.924	DF= 6	PROB=0.3280

Table 158

PT OFFICER SAMPLE

HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

WTCD / FREQUENCY / PERCENT / ROW PCT / COL PCT	PTCODE .	PASSED	FAILED	TOTAL
.	0	2	1	.
ACCEPTABLE	5	92 50.83 65.71 82.14	48 26.52 34.29 69.57	140 77.35
UNACCEPTABLE	3	20 11.05 48.78 17.86	21 11.60 51.22 30.43	41 22.65
TOTAL	.	112 61.88	69 38.12	181 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	3.855	DF= 1	PROB=0.0496
PHI	0.146		
CONTINGENCY COEFFICIENT	0.144		
CRAMER'S V	0.146		
LIKELIHOOD RATIO CHISQUARE	3.776	DF= 1	PROB=0.0520
CONTINUITY ADJ. CHI-SQUARE	3.171	DF= 1	PROB=0.0750
FISHER'S EXACT TEST (1-TAIL)			PROB=0.0385
(2-TAIL)			PROB=0.0669

Table 159

PT OFFICER SAMPLE

HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)
BY SCALED APRT SCORE (PTRSLTS)

WTCD	PTRSLTS					
FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
.	0 . . .	1 . . .	0 . . .	2 . . .	0 . . .	. .
ACCEPTABLE	17 8.99 11.72 56.67	18 9.52 12.41 64.29	55 29.10 37.93 78.57	26 13.76 17.93 96.30	29 15.34 20.00 85.29	145 76.72
UNACCEPTABLE	13 6.88 29.55 43.33	10 5.29 22.73 35.71	15 7.94 34.09 21.43	1 0.53 2.27 3.70	5 2.65 11.36 14.71	44 23.28
TOTAL	30 15.87	28 14.81	70 37.04	27 14.29	34 17.99	189 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	16.506	DF= 4	PROB=0.0024
PHI	0.296		
CONTINGENCY COEFFICIENT	0.283		
CRAMER'S V	0.296		
LIKELIHOOD RATIO CHISQUARE	17.876	DF= 4	PROB=0.0013

Table 160

PT OFFICER SAMPLE

SCALED PERCENT BODY FAT (PFATRNG)
BY TYPE OF UNIT (E)

CONTROLLED FOR MALE

PFATRNG E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
LE 16	0	3	18	1	11	4	37
		2.07	12.41	0.69	7.59	2.76	25.52
		8.11	48.65	2.70	29.73	10.81	
		30.00	22.22	12.50	29.73	44.44	
16 TO 20	0	4	20	1	7	3	35
		2.76	13.79	0.69	4.83	2.07	24.14
		11.43	57.14	2.86	20.00	8.57	
		40.00	24.69	12.50	18.92	33.33	
20 TO 24	1	1	27	2	12	1	43
		0.69	18.62	1.38	8.28	0.69	29.66
		2.33	62.79	4.65	27.91	2.33	
		10.00	33.33	25.00	32.43	11.11	
GT 24	2	2	16	4	7	1	30
		1.38	11.03	2.76	4.83	0.69	20.69
		6.67	53.33	13.33	23.33	3.33	
		20.00	19.75	50.00	18.92	11.11	
TOTAL		10	81	8	37	9	145
		6.90	55.86	5.52	25.52	6.21	100.00

Table 161

PT OFFICER SAMPLE

SCALED PERCENT BODY FAT (PFATRNG)
BY TYPE OF UNIT (E)

CONTROLLED FOR FEMALE

PFATRNG E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
LE 16	0	0	6	3	0	0	9
		0.00	15.38	7.69	0.00	0.00	23.08
		0.00	66.67	33.33	0.00	0.00	
		0.00	28.57	75.00	0.00	0.00	
16 TO 20	0	2	5	0	1	2	10
		5.13	12.82	0.00	2.56	5.13	25.64
		20.00	50.00	0.00	10.00	20.00	
		33.33	23.81	0.00	25.00	50.00	
20 TO 24	0	3	7	1	0	2	13
		7.69	17.95	2.56	0.00	5.13	33.33
		23.08	53.85	7.69	0.00	15.38	
		50.00	33.33	25.00	0.00	50.00	
GT 24	1	1	3	0	3	0	7
		2.56	7.69	0.00	7.69	0.00	17.95
		14.29	42.86	0.00	42.86	0.00	
		16.67	14.29	0.00	75.00	0.00	
TOTAL		6	21	4	4	4	39
		15.38	53.85	10.26	10.26	10.26	100.00

Table 162

PT OFFICER SAMPLE

SCALED PERCENT BODY FAT (PFATRNG)
BY SEX (D)

PFATRNG D

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	FEMALE	MALE	TOTAL
LE 16	4	9	37	46
		4.79	19.68	24.47
		19.57	80.43	
		22.50	25.00	
16 TO 20	0	10	35	45
		5.32	18.62	23.94
		22.22	77.78	
		25.00	23.65	
20 TO 24	0	13	44	57
		6.91	23.40	30.32
		22.81	77.19	
		32.50	29.73	
GT 24	0	8	32	40
		4.26	17.02	21.28
		20.00	80.00	
		20.00	21.62	
TOTAL		40	148	188
		21.28	78.72	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.223	DF= 3	PROB=0.9738
PHI	0.034		
CONTINGENCY COEFFICIENT	0.034		
CRAMER'S V	0.034		
LIKELIHOOD RATIO CHISQUARE	0.224	DF= 3	PROB=0.9737

Table 163

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
BY TYPE OF UNIT (E)

MAXFAT E

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
ACCEPTABLE	3	15	93	10	38	12	168
	.	7.98	49.47	5.32	20.21	6.38	89.36
	.	8.93	55.36	5.95	22.62	7.14	
	.	93.75	88.57	76.92	92.68	92.31	
UNACCEPTABLE	1	1	12	3	3	1	20
	.	0.53	6.38	1.60	1.60	0.53	10.64
	.	5.00	60.00	15.00	15.00	5.00	
	.	6.25	11.43	23.08	7.32	7.69	
TOTAL	.	16	105	13	41	13	188
	.	8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.103	DF= 4	PROB=0.5407
PHI	0.128		
CONTINGENCY COEFFICIENT	0.127		
CRAMER'S V	0.128		
LIKELIHOOD RATIO CHISQUARE	2.748	DF= 4	PROB=0.6008

Table 164

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
BY MACOM CONTROLLING POST (F)

MAXFAT	F					
FREQUENCY PERCENT ROW PCT COL PCT	.	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
ACCEPTABLE	3	58	30	24	34	22	168
	.	30.85	15.96	12.77	18.09	11.70	89.36
	.	34.52	17.86	14.29	20.24	13.10	
	.	87.88	88.24	82.76	97.14	91.67	
UNACCEPTABLE	1	8	4	5	1	2	20
	.	4.26	2.13	2.66	0.53	1.06	10.64
	.	40.00	20.00	25.00	5.00	10.00	
	.	12.12	11.76	17.24	2.86	8.33	
TOTAL	.	66	34	29	35	24	188
	.	35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.891	DF=	4	PROB=0.4209
PHI	0.144			
CONTINGENCY COEFFICIENT	0.142			
CRAMER'S V	0.144			
LIKELIHOOD RATIO CHISQUARE	4.527	DF=	4	PROB=0.3394

Table 165

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
BY MOS

MAXFAT	MOS	MC	DC	VC	AMSC	ANC	MSCADM	MSCPROF	TOTAL
ACCEPTABLE	FREQUENCY	11	24	4	1	28	66	34	168
	PERCENT	5.85	12.77	2.13	0.53	14.89	35.11	18.09	89.36
	ROW PCT	6.55	14.29	2.38	0.60	16.67	39.29	20.24	
	COL PCT	91.67	82.76	100.00	100.00	96.55	89.19	87.18	
UNACCEPTABLE	FREQUENCY	1	5	0	0	1	8	5	20
	PERCENT	0.53	2.66	0.00	0.00	0.53	4.26	2.66	10.64
	ROW PCT	5.00	25.00	0.00	0.00	5.00	40.00	25.00	
	COL PCT	8.33	17.24	0.00	0.00	3.45	10.81	12.82	
TOTAL		12	29	4	1	29	74	39	188
		6.38	15.43	2.13	0.53	15.43	39.36	20.74	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.767	DF= 6	PROB=0.7082	
PHI	0.142			
CONTINGENCY COEFFICIENT	0.140			
CRAMER'S V	0.142			
LIKELIHOOD RATIO CHISQUARE	4.608	DF= 6	PROB=0.5950	

Table 166

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MAXFAT	WTCD			
FREQUENCY PERCENT ROW PCT COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
ACCEPTABLE	3	134 70.90 79.76 92.41	34 17.99 20.24 77.27	168 88.89
UNACCEPTABLE	0	11 5.82 52.38 7.59	10 5.29 47.62 22.73	21 11.11
TOTAL		145 76.72	44 23.28	189 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	7.836	DF= 1	PROB=0.0051
PHI	0.204		
CONTINGENCY COEFFICIENT	0.200		
CRAMER'S V	0.204		
LIKELIHOOD RATIO CHISQUARE	6.816	DF= 1	PROB=0.0090
CONTINUITY ADJ. CHI-SQUARE	6.377	DF= 1	PROB=0.0116
FISHER'S EXACT TEST (1-TAIL)			PROB=0.0083
(2-TAIL)			PROB=0.0110

Table 167

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
BY SCALED UNIT EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (MUFID)

MAXFAT	MUFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
ACCEPTABLE	116 60.42 67.84 90.63	15 7.81 8.77 88.24	12 6.25 7.02 92.31	14 7.29 8.19 77.78	14 7.29 8.19 87.50	171 89.06
UNACCEPTABLE	12 6.25 57.14 9.38	2 1.04 9.52 11.76	1 0.52 4.76 7.69	4 2.08 19.05 22.22	2 1.04 9.52 12.50	21 10.94
TOTAL	128 66.67	17 8.85	13 6.77	18 9.38	16 8.33	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.866	DF= 4	PROB=0.5804
PHI	0.122		
CONTINGENCY COEFFICIENT	0.121		
CRAMER'S V	0.122		
LIKELIHOOD RATIO CHISQUARE	2.418	DF= 4	PROB=0.6594

Table 168

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (MIFID)

MAXFAT	MIFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
ACCEPTABLE	56 29.17 32.75 88.89	22 11.46 12.87 91.67	14 7.29 8.19 93.33	29 15.10 16.96 82.86	50 26.04 29.24 90.91	171 89.06
UNACCEPTABLE	7 3.65 33.33 11.11	2 1.04 9.52 8.33	1 0.52 4.76 6.67	6 3.13 28.57 17.14	5 2.60 23.81 9.09	21 10.94
TOTAL	63 32.81	24 12.50	15 7.81	35 18.23	55 28.65	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.026	DF= 4	PROB=0.7310
PHI	0.103		
CONTINGENCY COEFFICIENT	0.102		
CRAMER'S V	0.103		
LIKELIHOOD RATIO CHISQUARE	1.910	DF= 4	PROB=0.7522

Table 169

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

MAXFAT / PTCODE FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
ACCEPTABLE	8	100	63	163
		54.35	34.24	88.59
		61.35	38.65	
		87.72	90.00	
UNACCEPTABLE	0	14	7	21
		7.61	3.80	11.41
		66.67	33.33	
		12.28	10.00	
TOTAL		114	70	184
		61.96	38.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.223	DF= 1	PROB=0.6367
PHI	-0.035		
CONTINGENCY COEFFICIENT	0.035		
CRAMER'S V	0.035		
LIKELIHOOD RATIO CHISQUARE	0.227	DF= 1	PROB=0.6340
CONTINUITY ADJ. CHI-SQUARE	0.055	DF= 1	PROB=0.8153
FISHER'S EXACT TEST (1-TAIL)			PROB=0.4135
(2-TAIL)			PROB=0.8120

Table 170

PT OFFICER SAMPLE

BODY FAT STATUS PER AR 600-9 (MAXFAT)
SCALED APRT SCORE (PTRSLTS)

MAXFAT / PTRSLTS FREQUENCY PERCENT ROW PCT COL PCT	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
ACCEPTABLE	28 14.58 16.37 93.33	23 11.98 13.45 79.31	62 32.29 36.26 88.57	24 12.50 14.04 82.76	34 17.71 19.88 100.00	171 89.06
UNACCEPTABLE	2 1.04 9.52 6.67	6 3.13 28.57 20.69	8 4.17 38.10 11.43	5 2.60 23.81 17.24	0 0.00 0.00 0.00	21 10.94
TOTAL	30 15.63	29 15.10	70 36.46	29 15.10	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	8.769	DF= 4	PROB=0.0671
PHI	0.214		
CONTINGENCY COEFFICIENT	0.209		
CRAMER'S V	0.214		
LIKELIHOOD RATIO CHISQUARE	11.878	DF= 4	PROB=0.0183

Table 171

PT OFFICER SAMPLE

SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SMFID) BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

SMFID	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
Low LE 19	46 23.96 88.46 26.90	6 3.13 11.54 28.57	52 27.08
20 TO 39	10 5.21 100.00 5.85	0 0.00 0.00 0.00	10 5.21
40 TO 59	8 4.17 88.89 4.68	1 0.52 11.11 4.76	9 4.69
60 TO 79	19 9.90 90.48 11.11	2 1.04 9.52 9.52	21 10.94
80 TO 100 High	88 45.83 88.00 51.46	12 6.25 12.00 57.14	100 52.08
TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	1.407	DF= 4	PROB=0.8430
PHI	0.086		
CONTINGENCY COEFFICIENT	0.085		
CRAMER'S V	0.086		
LIKELIHOOD RATIO CHISQUARE	2.493	DF= 4	PROB=0.6458

Table 172

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MFACIN	WTCD	ACCEPTABLE	UNACCEPTABLE	TOTAL
LE 1.75	1	86	23	109
		45.50	12.17	57.67
High		78.90	21.10	
		59.31	52.27	
1.76 TO 2.50	1	24	5	29
		12.70	2.65	15.34
		82.76	17.24	
		16.55	11.36	
2.51 TO 3.25	1	20	8	28
		10.58	4.23	14.81
		71.43	28.57	
		13.79	18.18	
GT 3.25	0	15	8	23
		7.94	4.23	12.17
Low		65.22	34.78	
		10.34	18.18	
TOTAL		145	44	189
		76.72	23.28	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	3.025	DF= 3	PROB=0.3878
PHI	0.127		
CONTINGENCY COEFFICIENT	0.126		
CRAMER'S V	0.127		
LIKELIHOOD RATIO CHISQUARE	2.900	DF= 3	PROB=0.4073

Table 173

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

MFACIN / PFATRNG FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
LE 1.75	26 13.54 23.64 52.00	30 15.63 27.27 66.67	28 14.58 25.45 49.12	26 13.54 23.64 65.00	110 57.29
High					
1.76 TO 2.50	11 5.73 36.67 22.00	6 3.13 20.00 13.33	9 4.69 30.00 15.79	4 2.08 13.33 10.00	30 15.63
2.51 TO 3.25	9 4.69 31.03 18.00	7 3.65 24.14 15.56	9 4.69 31.03 15.79	4 2.08 13.79 10.00	29 15.10
GT 3.25	4 2.08 17.39 8.00	2 1.04 8.70 4.44	11 5.73 47.83 19.30	6 3.13 26.09 15.00	23 11.98
Low					
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	10.915	DF= 9	PROB=0.2816
PHI	0.238		
CONTINGENCY COEFFICIENT	0.232		
CRAMER'S V	0.138		
LIKELIHOOD RATIO CHISQUARE	11.308	DF= 9	PROB=0.2552

Table 174

PT OFFICER SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q36, Q39, Q45, Q57, & Q75 (MFACIN)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

	MFACIN / MAXFAT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.75	99 51.56 90.00 57.89	11 5.73 10.00 52.38	110 57.29
	1.76 TO 2.50	27 14.06 90.00 15.79	3 1.56 10.00 14.29	30 15.63
	2.51 TO 3.25	27 14.06 93.10 15.79	2 1.04 6.90 9.52	29 15.10
Low	GT 3.25	18 9.38 78.26 10.53	5 2.60 21.74 23.81	23 11.98
	TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.367	DF= 3	PROB=0.3384
PHI	0.132		
CONTINGENCY COEFFICIENT	0.131		
CRAMER'S V	0.132		
LIKELIHOOD RATIO CHISQUARE	2.896	DF= 3	PROB=0.4080

Table 175

PT OFFICER SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, Q69 (MFACOUT)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

MFACOUT / PFATRNG FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
LE 1.75 High	26 13.54 23.85 52.00	26 13.54 23.85 57.78	31 16.15 28.44 54.39	26 13.54 23.85 65.00	109 56.77
1.76 TO 2.50	14 7.29 37.84 28.00	10 5.21 27.03 22.22	8 4.17 21.62 14.04	5 2.60 13.51 12.50	37 19.27
2.51 TO 3.25	5 2.60 23.81 10.00	2 1.04 9.52 4.44	9 4.69 42.86 15.79	5 2.60 23.81 12.50	21 10.94
GT 3.25 Low	5 2.60 20.00 10.00	7 3.65 28.00 15.56	9 4.69 36.00 15.79	4 2.08 16.00 10.00	25 13.02
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.965	DF= 9	PROB=0.4405
PHI	0.216		
CONTINGENCY COEFFICIENT	0.211		
CRAMER'S V	0.125		
LIKELIHOOD RATIO CHISQUARE	9.293	DF= 9	PROB=0.4107

Table 176

PT OFFIC . SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q9, Q21, Q30, & Q69 (MFACOUT)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

	MFACOUT / MAXFAT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.75	96 50.00 88.07 56.14	13 6.77 11.93 61.90	109 56.77
	1.76 TO 2.50	34 17.71 91.89 19.88	3 1.56 8.11 14.29	37 19.27
	2.51 TO 3.25	19 9.90 90.48 11.11	2 1.04 9.52 9.52	21 10.94
Low	GT 3.25	22 11.46 88.00 12.87	3 1.56 12.00 14.29	25 13.02
	TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	0.486	DF= 3	PROB=0.9220
PHI	0.050		
CONTINGENCY COEFFICIENT	0.050		
CRAMER'S V	0.050		
LIKELIHOOD RATIO CHISQUARE	0.510	DF= 3	PROB=0.9166

Table 177

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MFACOVER / WTCD	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
High — LE 1.76	2	104	28	132
		55.03	14.81	69.84
		78.79	21.21	
		71.72	63.64	
1.76 TO 2.50	1	27	6	33
		14.29	3.17	17.46
		81.82	18.18	
		18.62	13.64	
2.51 TO 3.25	0	9	5	14
		4.76	2.65	7.41
		64.29	35.71	
		6.21	11.36	
Low — GT 3.25	0	5	5	10
		2.65	2.65	5.29
		50.00	50.00	
		3.45	11.36	
TOTAL		145	44	189
		76.72	23.28	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	6.006	DF= 3	PROB=0.1113
PHI	0.178		
CONTINGENCY COEFFICIENT	0.175		
CRAMER'S V	0.178		
LIKELIHOOD RATIO CHISQUARE	5.291	DF= 3	PROB=0.1517

Table 178

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY SCALED PERCENT OF BODY FAT (PFATRNG)

MFACOVER	PFATRNG				
FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
LE 1.76 (High)	31 16.15 23.13 62.00	33 17.19 24.63 73.33	41 21.35 30.60 71.93	29 15.10 21.64 72.50	134 69.79
1.76 TO 2.50	15 7.81 44.12 30.00	7 3.65 20.59 15.56	8 4.17 23.53 14.04	4 2.08 11.76 10.00	34 17.71
2.51 TO 3.25	3 1.56 21.43 6.00	2 1.04 14.29 4.44	5 2.60 35.71 8.77	4 2.08 28.57 10.00	14 7.29
GT 3.25 (Low)	1 0.52 10.00 2.00	3 1.56 30.00 6.67	3 1.56 30.00 5.26	3 1.56 30.00 7.50	10 5.21
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.519	DF= 9	PROB=0.3908
PHI	0.223		
CONTINGENCY COEFFICIENT	0.217		
CRAMER'S V	0.129		
LIKELIHOOD RATIO CHISQUARE	9.362	DF= 9	PROB=0.4046

Table 179

PT OFFICER SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

	MFACOVER / MAXFAT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.76	120 62.50 89.55 70.18	14 7.29 10.45 66.67	134 69.79
	1.76 TO 2.50	31 16.15 91.18 18.13	3 1.56 8.82 14.29	34 17.71
	2.51 TO 3.25	12 6.25 85.71 7.02	2 1.04 14.29 9.52	14 7.29
Low	GT 3.25	8 4.17 80.00 4.68	2 1.04 20.00 9.52	10 5.21
	TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	1.193	DF= 3	PROB=0.7546
PHI	0.079		
CONTINGENCY COEFFICIENT	0.079		
CRAMER'S V	0.079		
LIKELIHOOD RATIO CHISQUARE	1.045	DF= 3	PROB=0.7904

Table 180

PT OFFICER SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, & Q172 (MARC)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

	MARC	MAXFAT		
	FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.75	64 33.33 87.67 37.43	9 4.69 12.33 42.86	73 38.02
	1.76 TO 2.50	75 39.06 88.24 43.86	10 5.21 11.76 47.62	85 44.27
Low	2.51 TO 3.25	32 16.67 94.12 18.71	2 1.04 5.88 9.52	34 17.71
	TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.097	DF= 2	PROB=0.5779
PHI	0.076		
CONTINGENCY COEFFICIENT	0.075		
CRAMER'S V	0.076		
LIKELIHOOD RATIO CHISQUARE	1.251	DF= 2	PROB=0.5351

Table 181

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MIMPEX	WTCD			
FREQUENCY PERCENT ROW PCT COL PCT	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
.	0	4	0	4
LE 1.75	2	71 38.38 73.96 50.35	25 13.51 26.04 56.82	96 51.89
1.76 TO 2.50	1	60 32.43 77.92 42.55	17 9.19 22.08 38.64	77 41.62
2.51 TO 3.25	0	8 4.32 80.00 5.67	2 1.08 20.00 4.55	10 5.41
GT 3.25	0	2 1.08 100.00 1.42	0 0.00 0.00 0.00	2 1.08
TOTAL		141 76.22	44 23.78	185 100.00

High

Low

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	1.097	DF= 3	PROB=0.7779
PHI	0.077		
CONTINGENCY COEFFICIENT	0.077		
CRAMER'S V	0.077		
LIKELIHOOD RATIO CHISQUARE	1.559	DF= 3	PROB=0.6688

Table 182

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

MIMPEX	PFATRNG				
FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
	1 . . .	1 . . .	2 . . .	0 . . .	. .
LE 1.75	25 13.30 25.51 51.02	21 11.17 21.43 47.73	30 15.96 30.61 54.55	22 11.70 22.45 55.00	98 52.13
1.76 TO 2.50	21 11.17 26.92 42.86	19 10.11 24.36 43.18	23 12.23 29.49 41.82	15 7.98 19.23 37.50	78 41.49
2.51 TO 3.25	3 1.60 30.00 6.12	3 1.60 30.00 6.82	1 0.53 10.00 1.82	3 1.60 30.00 7.50	10 5.32
GT 3.25	0 0.00 0.00 0.00	1 0.53 50.00 2.27	1 0.53 50.00 1.82	0 0.00 0.00 0.00	2 1.06
TOTAL	49 26.06	44 23.40	55 29.26	40 21.28	188 100.00

High / Low

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.223	DF= 9	PROB=0.8961
PHI	0.150		
CONTINGENCY COEFFICIENT	0.148		
CRAMER'S V	0.087		
LIKELIHOOD RATIO CHISQUARE	5.353	DF= 9	PROB=0.8025

Table 183

PT OFFICER SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MIMPEX	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
.	4 . . .	0 . . .	. .
High LE 1.75	85 45.21 86.73 50.90	13 6.91 13.27 61.90	98 52.13
1.76 TO 2.50	70 37.23 89.74 41.92	8 4.26 10.26 38.10	78 41.49
2.51 TO 3.25	10 5.32 100.00 5.99	0 0.00 0.00 0.00	10 5.32
GT 3.25 Low	2 1.06 100.00 1.20	0 0.00 0.00 0.00	2 1.06
TOTAL	167 88.83	21 11.17	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.008	DF= 3	PROB=0.5707
PHI	0.103		
CONTINGENCY COEFFICIENT	0.103		
CRAMER'S V	0.103		
LIKELIHOOD RATIO CHISQUARE	3.322	DF= 3	PROB=0.3446

Table 184

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY TYPE OF UNIT (E)

MWTAW	E						
FREQUENCY PERCENT ROW PCT COL PCT	.	OTHER	MTF	RES	FLD	STF	TOTAL
LE 1.75	4	14	74	9	26	8	131
		7.45	39.36	4.79	13.83	4.26	69.68
High		10.69	56.49	6.87	19.85	6.11	
		87.50	70.48	69.23	63.41	61.54	
1.76 TO 2.50	0	2	29	4	11	4	50
		1.06	15.43	2.13	5.85	2.13	26.60
		4.00	58.00	8.00	22.00	8.00	
		12.50	27.62	30.77	26.83	30.77	
2.51 TO 3.25	0	0	2	0	4	0	6
		0.00	1.06	0.00	2.13	0.00	3.19
		0.00	33.33	0.00	66.67	0.00	
		0.00	1.90	0.00	9.76	0.00	
GT 3.25	0	0	0	0	0	1	1
		0.00	0.00	0.00	0.00	0.53	0.53
Low		0.00	0.00	0.00	0.00	100.00	
		0.00	0.00	0.00	0.00	7.69	
TOTAL		16	105	13	41	13	188
		8.51	55.85	6.91	21.81	6.91	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	23.584	DF=	12	PROB=0.0246
PHI	0.353			
CONTINGENCY COEFFICIENT	0.333			
CRAMER'S V	0.204			
LIKELIHOOD RATIO CHISQUARE	14.963	DF=	12	PROB=0.2435

Table 185

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY MACOM CONTROLLING POST (F)

MWTAW	F	FORSCOM	TRADOC	HSC - DARCOM	OCONUS	OTHER	TOTAL
LE 1.75 (High)	4	49	22	19	21	20	131
		26.06	11.70	10.11	11.17	10.64	69.68
		37.40	16.79	14.50	16.03	15.27	
		74.24	64.71	65.52	60.00	83.33	
1.76 TO 2.50	0	14	10	9	14	3	50
		7.45	5.32	4.79	7.45	1.60	26.60
		28.00	20.00	18.00	28.00	6.00	
		21.21	29.41	31.03	40.00	12.50	
2.51 TO 3.25	0	3	1	1	0	1	6
		1.60	0.53	0.53	0.00	0.53	3.19
		50.00	16.67	16.67	0.00	16.67	
		4.55	2.94	3.45	0.00	4.17	
GT 3.25 (Low)	0	0	1	0	0	0	1
		0.00	0.53	0.00	0.00	0.00	0.53
		0.00	100.00	0.00	0.00	0.00	
		0.00	2.94	0.00	0.00	0.00	
TOTAL		66	34	29	35	24	188
		35.11	18.09	15.43	18.62	12.77	100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	12.805	DF= 12	PROB=0.3833	
PHI	0.261			
CONTINGENCY COEFFICIENT	0.253			
CRAMER'S V	0.151			
LIKELIHOOD RATIO CHISQUARE	12.910	DF= 12	PROB=0.3756	

Table 186

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY SEX (D)

	MWTAW	D			
	FREQUENCY PERCENT ROW PCT COL PCT	.	FEMALE	MALE	TOTAL
High	LE 1.75	2	26 13.83 19.55 65.00	107 56.91 80.45 72.30	133 70.74
	1.76 TO 2.50	2	13 6.91 27.08 32.50	35 18.62 72.92 23.65	48 25.53
	2.51 TO 3.25	0	1 0.53 16.67 2.50	5 2.66 83.33 3.38	6 3.19
Low	GT 3.25	0	0 0.00 0.00 0.00	1 0.53 100.00 0.68	1 0.53
	TOTAL		40 21.28	148 78.72	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	1.550	DF= 3	PROB=0.6708
PHI	0.091		
CONTINGENCY COEFFICIENT	0.090		
CRAMER'S V	0.091		
LIKELIHOOD RATIO CHISQUARE	1.712	DF= 3	PROB=0.6344

Table 187

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

	MWTAW / WTCD	.	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.75	3	102 53.97 77.27 70.34	30 15.87 22.73 68.18	132 69.84
	1.76 TO 2.50	0	36 19.05 72.00 24.83	14 7.41 28.00 31.82	50 26.46
	2.51 TO 3.25	0	6 3.17 100.00 4.14	0 0.00 0.00 0.00	6 3.17
Low	GT 3.25	0	1 0.53 100.00 0.69	0 0.00 0.00 0.00	1 0.53
	TOTAL		145 76.72	44 23.28	189 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	2.770	DF= 3	PROB=0.4284
PHI	0.121		
CONTINGENCY COEFFICIENT	0.120		
CRAMER'S V	0.121		
LIKELIHOOD RATIO CHISQUARE	4.330	DF= 3	PROB=0.2279

Table 188

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY SCALED PERCENT BODY FAT (PFATRNG)

	MWTAW / PFATRNG	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
High	LE 1.75	34 17.71 25.19 68.00	37 19.27 27.41 82.22	40 20.83 29.63 70.18	24 12.50 17.78 60.00	135 70.31
	1.76 TO 2.50	13 6.77 26.00 26.00	7 3.65 14.00 15.56	15 7.81 30.00 26.32	15 7.81 30.00 37.50	50 26.04
	2.51 TO 3.25	2 1.04 33.33 4.00	1 0.52 16.67 2.22	2 1.04 33.33 3.51	1 0.52 16.67 2.50	6 3.13
Low	GT 3.25	1 0.52 100.00 2.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52
	TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	8.626	DF= 9	PROB=0.4725
PHI	0.212		
CONTINGENCY COEFFICIENT	0.207		
CRAMER'S V	0.122		
LIKELIHOOD RATIO CHISQUARE	8.547	DF= 9	PROB=0.4800

Table 189

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MWTAW	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High — LE 1.75	123 64.06 91.11 71.93	12 6.25 8.89 57.14	135 70.31
1.76 TO 2.50	41 21.35 82.00 23.98	9 4.69 18.00 42.86	50 26.04
2.51 TO 3.25	6 3.13 100.00 3.51	0 0.00 0.00 0.00	6 3.13
GT 3.25 — Low	1 0.52 100.00 0.58	0 0.00 0.00 0.00	1 0.52
TOTAL	171 89.06	21 10.94	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.001	DF= 3	PROB=0.2613
PHI	0.144		
CONTINGENCY COEFFICIENT	0.143		
CRAMER'S V	0.144		
LIKELIHOOD RATIO CHISQUARE	4.431	DF= 3	PROB=0.2185

Table 190

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY SCALED ARMY CONCERN - MEAN OF Q137, Q138, & Q172 (MARC)

MWTAW	MARC	High		Low	
FREQUENCY PERCENT ROW PCT COL PCT		LE 1.75	1.76 TO 2.50	2.51 TO 3.25	TOTAL
High	LE 1.75	49 25.52 36.30 67.12	60 31.25 44.44 70.59	26 13.54 19.26 76.47	135 70.31
	1.76 TO 2.50	22 11.46 44.00 30.14	22 11.46 44.00 25.88	6 3.13 12.00 17.65	50 26.04
	2.51 TO 3.25	2 1.04 33.33 2.74	2 1.04 33.33 2.35	2 1.04 33.33 5.88	6 3.13
Low	GT 3.25	0 0.00 0.00 0.00	1 0.52 100.00 1.18	0 0.00 0.00 0.00	1 0.52
	TOTAL	73 38.02	85 44.27	34 17.71	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	3.964	DF= 6	PROB=0.6816
PHI	0.144		
CONTINGENCY COEFFICIENT	0.142		
CRAMER'S V	0.102		
LIKELIHOOD RATIO CHISQUARE	4.272	DF= 6	PROB=0.6400

Table 191

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY SCALED ARMY NUTRITION - MEAN OF Q169, Q172, & Q174 (MARN)

MWTAW	MARN	High		Low		
	FREQUENCY PERCENT ROW PCT COL PCT	LE 1.76	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
High	LE 1.75	129 67.19 95.56 73.30	3 1.56 2.22 27.27	3 1.56 2.22 100.00	0 0.00 0.00 0.00	135 70.31
	1.76 TO 2.50	41 21.35 82.00 23.30	7 3.65 14.00 63.64	0 0.00 0.00 0.00	2 1.04 4.00 100.00	50 26.04
	2.51 TO 3.25	5 2.60 83.33 2.84	1 0.52 16.67 9.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 3.13
	GT 3.25	1 0.52 100.00 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.52
Low	TOTAL	176 91.67	11 5.73	3 1.56	2 1.04	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	17.910	DF= 9	PROB=0.0362	
PHI	0.305			
CONTINGENCY COEFFICIENT	0.292			
CRAMER'S V	0.176			
LIKELIHOOD RATIO CHISQUARE	17.260	DF= 9	PROB=0.0448	

Table 192

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - mean of Q161, Q166, Q169, Q184, & Q185 (MWTAW)
SCALED EXERCISE IMPORTANCE - mean of Q149-Q154, Q157, Q159, & Q160 (MIMPEX)

MWTAW	FREQUENCY / PERCENT / ROW PCT / COL PCT	MIMPEX .	High: LE 1.75	High: 1.76 TO 2.50	Low: 2.51 TO 3.25	Low: GT 3.25	TOTAL
High	LE 1.75	0	72 38.30 53.33 73.47	54 28.72 40.00 69.23	8 4.26 5.93 80.00	1 0.53 0.74 50.00	135 71.81
	1.76 TO 2.50	0	24 12.77 48.00 24.49	24 12.77 48.00 30.77	1 0.53 2.00 10.00	1 0.53 2.00 50.00	50 26.60
	2.51 TO 3.25	4	1 0.53 50.00 1.02	0 0.00 0.00 0.00	1 0.53 50.00 10.00	0 0.00 0.00 0.00	2 1.06
Low	GT 3.25	0	1 0.53 100.00 1.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
	TOTAL		98 52.13	78 41.49	10 5.32	2 1.06	188 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	11.735	DF= 9	PROB=0.2287
PHI	0.250		
CONTINGENCY COEFFICIENT	0.242		
CRAMER'S V	0.144		
LIKELIHOOD RATIO CHISQUARE	8.393	DF= 9	PROB=0.4951

Table 193

PT OFFICER SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q161, Q166, Q169, Q184, & Q185 (MWTAW)
BY SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)

	MWTAW	SMOKE		
	FREQUENCY PERCENT ROW PCT COL PCT	NONE	PRESENT	TOTAL
High	LE 1.75	98 51.04 72.59 69.01	37 19.27 27.41 74.00	135 70.31
	1.76 TO 2.50	39 20.31 78.00 27.46	11 5.73 22.00 22.00	50 26.04
	2.51 TO 3.25	4 2.08 66.67 2.82	2 1.04 33.33 4.00	6 3.13
Low	GT 3.25	1 0.52 100.00 0.70	0 0.00 0.00 0.00	1 0.52
	TOTAL	142 73.96	50 26.04	192 100.00

STATISTICS FOR 2-WAY TABLES

OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	1.073	DF= 3	PROB=0.7837
PHI	0.075		
CONTINGENCY COEFFICIENT	0.075		
CRAMER'S V	0.075		
LIKELIHOOD RATIO CHISQUARE	1.329	DF= 3	PROB=0.7222

Table 194

PT OFFICER SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

SMOKE / FREQUENCY / PERCENT / ROW PCT / COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
NONE	40 20.83 28.17 80.00	32 16.67 22.54 71.11	41 21.35 28.87 71.93	29 15.10 20.42 72.50	142 73.96
PRESENT	10 5.21 20.00 20.00	13 6.77 26.00 28.89	16 8.33 32.00 28.07	11 5.73 22.00 27.50	50 26.04
TOTAL	50 26.04	45 23.44	57 29.69	40 20.83	192 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.303	DF= 3	PROB=0.7284
PHI	0.082		
CONTINGENCY COEFFICIENT	0.082		
CRAMER'S V	0.082		
LIKELIHOOD RATIO CHISQUARE	1.351	DF= 3	PROB=0.7170

MULTIVARIATE ANALYSES

Tables 195 to 211

Table 195

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

FORWARD SELECTION PROCEDURE FOR DEPENDENT VARIABLE
PERCENT OF BODY FAT (PFAT)

R Square = 0.20 Multiple R = .45

	F	PROB F
Age	7.16	0.0083
Sex	4.74	0.0311
IMPEX	6.85	0.0098
UFID	1.21	0.2729
PTSCOR	20.08	0.0001

See Glossary of Variables for Definitions of Variables

Table 196

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

FORWARD SELECTION PROCEDURE FOR DEPENDENT VARIABLE
APRT SCORE (PTSCOR)

R Square = 0.42 Multiple R = .65

	F	PROB F
Age	2.54	0.1131
IFID	8.29	0.0046
IMPEX	19.48	0.0001
PFAT	18.38	0.0001

See Glassary of Variables for Definitions of Variables

Table 197

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

FORWARD SELECTION PROCEDURE FOR DEPENDENT VARIABLE
SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SFID)

R Square = 0.77 Multiple R = .88

	F	PROB F
Age	0.69	0.4089
IFID	194.51	0.0001
UFID	157.24	0.0001
PTSCOR	1.64	0..2028

See Glassary of Variables for Definitions of Variables

Table 198

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO QUESTION 124

From Q124	Into No	Yes	TOTAL
No	36 85.71%	6 14.29%	42 100%
Yes	0 0%	16 100%	16 100%
TOTAL	36 62.07%	22 37.93%	580 100%
PRIORS	0.7241	0.2759	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES

(2) NO

Table 199

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED QUESTION 124

From Q124	Into No	Yes	TOTAL
No	114 98.28%	2 1.72%	116 100%
Yes	31 83.78%	6 16.22%	37 100%
TOTAL	145 94.77%	8 5.23%	153 100%
PRIORS	0.7582	0.2418	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Q124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES

(2) NO

Table 200

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MAJOR

From MAJOR	Into No	Yes	TOTAL
No	38 88.37%	5 11.63%	43 100%
Yes	7 46.67%	8 53.33%	15 100%
TOTAL	45 77.69%	13 22.41%	58 100%
PRIORS	0.7414	0.2586	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

Table 201

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MAJOR

From MAJOR	Into No	Yes	TOTAL
No	110 94.02%	7 5.98%	117 100%
Yes	27 75.00%	9 25.00%	36 100%
TOTAL	137 89.54%	16 10.46%	153 100%
PRIORS	0.7647	0.2353	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 202

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MINOR

From MINOR	Into No	Yes	TOTAL
No	38 92.68%	3 7.32%	41 100%
Yes	9 52.94%	8 47.06%	17 100%
TOTAL	47 81.03%	11 18.97%	58 100%
PRIORS	0.7069	0.2931	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

Table 203

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MINOR

From MINOR	Into No	Yes	TOTAL
No	108 96.43%	4 3.57%	112 100%
Yes	35 85.37%	6 14.63%	41 100%
TOTAL	143 93.46%	10 6.54%	153 100%
PRIORS	0.7320	0.2680	

Note - Discriminators used (see glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 204

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

From WTCD	Into Acceptable	Unacceptable	TOTAL
Acceptable	41 95.35%	2 4.65%	43 100%
Unacceptable	6 40.00%	9 60.00%	15 100%
TOTAL	47 81.03%	11 18.97%	58 100%
PRIORS	0.7414	0.2586	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

Table 205

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

From WTCD	Into Acceptable	Unacceptable	TOTAL
Acceptable	115 95.04%	6 4.96%	121 100%
Unacceptable	25 78.13%	7 21.88%	32 100%
TOTAL	140 91.50%	13 8.50%	153 100%
PRIORS	0.7908	0.2092	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 206

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO BODY FAT STATUS PER AR 600-9 (MAXFAT)

From MAXFAT	Into Acceptable	Unacceptable	TOTAL
Acceptable	44 95.65%	2 4.35%	46 100%
Unacceptable	4 33.33%	8 66.67%	12 100%
TOTAL	48 82.76%	10 17.24%	58 100%
PRIORS	0.7931	0.2069	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

Table 207

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO BODY FAT STATUS PER AR 600-9 (MAXFAT)

From MAXFAT	Into Acceptable	Unacceptable	TOTAL
Acceptable	131 97.76%	3 2.24%	134 100%
Unacceptable	18 94.74%	1 5.26%	19 100%
TOTAL	149 97.39%	4 2.61%	153 100%
PRIORS	0.8758	0.1242	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 208

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO
PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

From PTCODE	Into Passed	Failed	TOTAL
Missing	1 50.00%	1 50.00%	2 100%
Passed	89 93.68%	6 6.32%	95 100%
Failed	17 30.36%	39 69.64%	56 100%
TOTALS	107 69.93%	46 30.07%	153 100%
PRIORS	0.6291	0.3709	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 209

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES
TYPE OF UNIT (E)

From (E)	Into MTF	Research	Field	Staff	Other	TOTAL
MTF	69 82.14%	2 2.38%	12 14.29%	0 0%	1 1.19%	84 100%
Research	5 45.45%	5 45.45%	0 0%	0 0%	1 9.09%	11 100%
Field	14 36.84%	0 0%	23 60.53%	0 0%	1 2.63%	38 100%
Staff	0 0%	0 0%	0 0%	8 100%	0 0%	8 100%
Other	4 33.33%	0 0%	1 8.33%	0 0%	7 58.33%	12 100%
TOTALS	92 60.13%	7 4.58%	36 23.53%	8 5.23%	10 6.54%	153 100%
PRIORS	0.5490	0.0719	0.2484	0.0523	0.0784	

Note - Discriminators ued (see glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 210

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO

MACOM CONTROLLING POST (F)

From (F)	Into FORSCOM	TRADOC	DARDOM	OCONUS	TOTAL
Missing	11 61.11%	2 11.11%	4 22.22%	1 5.56%	18 100%
FORSCOM	43 81.13%	3 5.66%	2 3.77%	5 9.43%	53 100%
TRADOC	16 57.14%	5 17.86%	4 14.29%	3 10.71%	28 100%
HSC/ DARCOM	[illegible] [illegible]%	2 8.70%	5 21.74%	1 4.35%	23 100%
OCONUS	20 64.52%	4 12.90%	2 6.45%	5 16.13%	31 100%
TOTAL	105 68.63%	16 10.46%	17 11.11%	15 9.80%	153 100%
PRIORS	0.3926	0.2074	0.1704	0.2296	

Note - Discriminators used (see glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 211

PT OFFICER SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO

MOS

From MOS	Into MC	DC	VC	ANC	67 MSC	68 MSC	TOTAL
MC	2	1	0	1	1	6	11
	18.18%	9.09%	0%	9.09%	9.09%	54.55%	100%
DC	1	2	0	2	14	7	26
	3.85%	7.69%	0%	7.69%	53.85%	26.92%	100%
VC	0	0	0	0	1	1	2
	0%	0%	0%	0%	50.00%	50.00%	100%
AMSC	0	0	0	1	0	0	1
	0%	0%	0%	100%	0%	0%	100%
ANC	1	1	0	17	3	1	23
	4.35%	4.35%	0%	73.91%	13.04%	4.35%	100%
67 MSC	1	0	0	6	42	6	55
	1.82%	0%	0%	10.91%	76.36%	10.91%	100%
68 MSC	2	2	0	5	11	15	35
	5.71%	5.71%	0%	14.29%	31.43%	42.86%	100%
TOTALS	7	6	0	32	72	36	153
	4.58%	3.92%	0%	20.92%	47.06%	23.53%	100%
PRIORS	0.0724	0.1711	0.0132	0.1513	0.3618	0.2303	

Note - Discriminators used (see g'ossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

ANNEX A

SURVEY INSTRUMENT

DEPARTMENT OF THE ARMY
US ARMY HEALTH CARE STUDIES AND CLINICAL INVESTIGATION ACTIVITY
FORT SAM HOUSTON, TEXAS 78234

HSHN-H

15 January 1983

Fellow Officers:

Your participation in the study Evaluation of the Army Physical Training Care Weight Control Programs is requested. The purposes of this study are to evaluate the effectiveness of physical training and weight control programs as experienced by Army Medical Department (AMEDD) soldiers, and to assess AMEDD impact on these efforts. We hope to collect measure of your strength, stamina, body weight, and body fat content, and to administer a survey instrument covering lifestyle, nature of fitness programs, injury information, and attitudes towards fitness. Your diagnostic Army Physical Readiness Test will be the source of strength and aerobic capacity data. Body fat content will be determined by skinfold thickness measurements. Body weight and height data will be derived from your weigh-in.

Your SSN will be used only to insure that your survey responses, body fat content, body weight, and Physical Readiness Test data are properly matched-up. Your responses will be treated confidentially and will be available only to the Health Care Studies and Clinical Investigation Activity, Fort Sam Houston, Texas. No release of individual data will be made.

The Health Care Studies and Clinical Investigation Activity will make a report to the Office of The Surgeon General, US Army, on the results of this study. This report will contain no individual data; only group information will be presented. Inquiries about obtaining this report may be sent to:

Commander
US Army HCSCIA
ATTN: CPT J. M. King
Fort Sam Houston, TX 78234

Completion of this survey will constitute your agreement to complete all aspects of the study.

J. M. King
CPT, MSC
Project Officer

D. E. O'BRIEN
MAJ, MSC
Project Officer

SECTION 1

Please indicate using numbers today's date in the blocks labeled DAY, MO, YR.

In the block labeled MIL RANK, please indicate your pay grade, SSG = (E6), CPT = (03), etc.

Indicate your MOS in the appropriate block.

Leave the CIV GRADE and SERIES blocks blank.

My last unit was (fill in) _____.

Location of last unit (fill in) _____.

In block A, indicate the number of months you were assigned to that unit (1 month = 01, 10 months = 10, etc.).

In block B, bubble in 01 if you lived on post when assigned to your last unit, and 02 if you lived off post during this period. If you lived both on and off post, bubble in 03.

In block C, indicate your age in years.

In block D, indicate your sex, (01) = female, (02) = male.

My current weight is (fill in) _____ lbs.

When I came on active duty this time, I weighed (fill in) _____ lbs.

The most I have weighed on active duty, excluding periods of pregnancy, is (fill in) _____ lbs.

The least I have ever weighed on active duty is (fill in) _____ lbs.

After you have finished the survey, please answer these questions.

Would you be willing to discuss some of your answers further with us?_____

Would you be willing to participate in follow-up studies?_____

SECTION 2

In this section, we are interested in your exercise history, both as an individual, and as a part of a unit. Please consider organized intramural sports when answering questions about unit programs. When answering questions about the unit program, describe the activities as you experienced them.

In question 1-6, we are interested in learning the extent of your physical training during the past year. In the following six questions indicate how hard, how long, and how often you trained on the average. If the effort was in your own training program mark the column labeled "Your Own PT." If you were involved in an organized unit program, please mark the "Unit PT" column. If you were not involved in either type program, please mark "did not exercise" for those questions. If you were involved in both unit and individual programs, please answer each accordingly. Choose only one answer per question for questions 1-6.

What was the INTENSITY of your exercise?

	1. UNIT PT	2. YOUR OWN PT
Did not exercise	93	21
Sustained heavy breathing and perspiration - as in tennis, basketball	38	92
Intermittent heavy breathing and perspiration - as in tennis, basketball	19	22
Moderately heavy - as in cycling, down-hill skiing	1	18
Moderate - as in volleyball, softball	14	17
Light - as in fishing, slow walking	12	16

What was the DURATION of an average exercise period?

	3. UNIT PT	4. YOUR OWN PT
Did not exercise	92	21
Over 30 minutes	32	90
20-30 minutes	40	51
10-20 minutes	4	17
Under 10 minutes	10	8

How OFTEN did you exercise?

	5. UNIT PT	6. YOUR OWN PT
Did not exercise	93	20
Daily or almost daily	2	33
3-5 times a week	40	65
1-2 times a week	20	39
A few times a month	11	26
Less than once a month	11	4

Please indicate the quality of the facilities provided at your last duty station for the activities listed in the questions listed below. Please evaluate the facilities using the following scale:

(1) = Outstanding, (2) = Above average, (3) = Below average, (4) = Poor, (5) = No Facility, (6) = Don't know.

9.	Calisthenics	1=29	2=45	3=28	4=18	5=24	6=33
12.	Log drill	1=5	2=8	3=6	4=9	5=60	6=86
15.	Grass drill	1=18	2=21	3=10	4=14	5=43	6=68
18.	Strength circuits	1=15	2=23	3=7	4=11	5=38	6=79
21.	Running	1=46	2=58	3=29	4=18	5=17	6=15
24.	Guerilla exercise and Combatives	1=7	2=9	3=4	4=9	5=55	6=90
27.	Relays/Team contests	1=18	2=26	3=20	4=9	5=37	6=69
30.	Softball	1=38	2=70	3=22	4=10	5=16	6=29
33.	Football	1=27	2=57	3=26	4=14	5=22	6=34
36.	Volleyball	1=22	2=52	3=28	4=12	5=23	6=43
39.	Basketball	1=34	2=63	3=24	4=13	5=16	6=32
42.	Handball	1=25	2=31	3=27	4=17	5=30	6=50
45.	Raquetball	1=36	2=40	3=27	4=15	5=22	6=38
48.	Squash	1=15	2=18	3=15	4=14	5=51	6=65
51.	Tennis	1=33	2=58	3=29	4=14	5=18	6=30
54.	Soccer	1=24	2=43	3=20	4=15	5=28	6=49
57.	Weight training	1=32	2=40	3=37	4=17	5=13	6=40
60.	Obstacle/Confidence Course	1=20	2=25	3=6	4=12	5=50	6=60
63.	Golf	1=51	2=46	3=15	4=9	5=35	6=25
66.	Bicycling	1=18	2=27	3=21	4=24	5=42	6=48
69.	Walking/Marching	1=37	2=53	3=22	4=13	5=25	6=29
72.	Orienteering	1=12	2=24	3=9	4=9	5=47	6=76
75.	Swimming	1=37	2=63	3=20	4=14	5=27	6=23

Please indicate the extent to which each of the activities listed in the following questions were a part of your individual physical training program during the last year. If you had no individual physical training program, do not answer this section.

Use the following scale:

(0) = Don't Know, (1) = Always, (2) = Often, (3) = Seldom, (4) = Never, (5) = NA

8.	Calisthenics	0=3	1=26	2=53	3=51	4=33	5=0
11.	Log drill	0=10	1=0	2=1	3=1	4=115	5=0
14.	Grass drill	0=8	1=1	2=1	3=3	4=120	5=0
17.	Strength circuits	0=14	1=5	2=7	3=15	4=94	5=0
20.	Running	0=1	1=65	2=46	3=40	4=16	5=0
23.	Guerilla exercise and Combatives	0=7	1=0	2=2	3=1	4=116	5=0
26.	Relays/Team contests	0=7	1=0	2=11	3=11	4=105	5=0
29.	Softball	0=4	1=3	2=24	3=45	4=78	5=0
32.	Football	0=5	1=1	2=12	3=30	4=107	5=0
35.	Volleyball	0=5	1=2	2=17	3=46	4=84	5=0
38.	Basketball	0=5	1=3	2=20	3=34	4=96	5=0
41.	Handball	0=5	1=1	2=4	3=18	4=115	5=0
44.	Raquetball	0=5	1=8	2=26	3=47	4=68	5=0
47.	Squash	0=6	1=1	2=3	3=6	4=124	5=0
50.	Tennis	0=4	1=2	2=25	3=52	4=73	5=0
53.	Soccer	0=5	1=1	2=5	3=19	4=115	5=0
56.	Weight training	0=2	1=8	2=26	3=43	4=76	5=0
59.	Obstacle/Confidence Course	0=6	1=0	2=3	3=10	4=124	5=0
62.	Golf	0=3	1=6	2=15	3=31	4=95	5=0
65.	Bicycling	0=2	1=5	2=18	3=71	4=59	5=0
68.	Walking/Marching	0=3	1=24	2=50	3=58	4=28	5=0
71.	Orienteering	0=10	1=0	2=2	3=17	4=110	5=0
74.	Swimming	0=3	1=2	2=22	3=70	4=63	5=0

Please indicate the extent to which each of the activities listed in the following questions was a part of your unit physical training program during the last year. If your last unit had no physical training program proceed to question 81.
Use the following scale:

(1) = Always, (2) = Often, (3) = Seldom, (4) = Never, (5) = NA, (0) = Don't know.

7.	Calisthenics	0=12	1=36	2=18	3=13	4=18	5=0
10.	Log drill	0=14	1=0	2=1	3=2	4=52	5=0
13.	Grass drill	0=14	1=2	2=4	3=13	4=46	5=0
16.	Strength circuits	0=19	1=2	2=3	3=4	4=48	5=0
19.	Running	0=9	1=47	2=20	3=13	4=15	5=0
22.	Guerilla exercise and Combatives	0=14	1=0	2=1	3=5	4=55	5=0
25.	Relays/Team contests	0=14	1=1	2=17	3=26	4=37	5=0
28.	Softball	0=12	1=13	2=36	3=37	4=28	5=0
31.	Football	0=13	1=6	2=25	3=28	4=43	5=0
34.	Volleyball	0=13	1=6	2=27	3=35	4=30	5=0
37.	Basketball	0=12	1=10	2=32	3=27	4=37	5=0
40.	Handball	0=12	1=1	2=4	3=10	4=62	5=0
43.	Raquetball	0=14	1=4	2=9	3=13	4=52	5=0
46.	Squash	0=16	1=1	2=2	3=2	4=59	5=0
49.	Tennis	0=12	1=1	2=8	3=18	4=50	5=0
52.	Soccer	0=15	1=0	2=5	3=18	4=51	5=0
55.	Weight training	0=14	1=1	2=2	3=13	4=56	5=0
58.	Obstacle/Confidence Course	0=14	1=0	2=2	3=19	4=51	5=0
61.	Golf	0=13	1=0	2=5	3=10	4=53	5=0
64.	Bicycling	0=13	1=0	2=2	3=8	4=55	5=0
67.	Walking/Marching	0=11	1=7	2=23	3=27	4=29	5=0
70.	Orienteering	0=16	1=0	2=3	3=16	4=45	5=0
73.	Swimming	0=11	1=0	2=4	3=17	4=51	5=0

76. Did your last unit break down according to levels of fitness or ability for physical training activities or exercise?

(1) Always - 9 (2) Often - 19 (3) Seldom - 21 (4) Never - 40

77. Please evaluate your unit's exercise program on the following scale:

(1) Excellent	7
(2) Better than the average unit's	42
(3) Poorer than average	27
(4) Very Poor	14

78. Please evaluate your own level of exercise during the past year relative to other soldiers of your age, sex, and MOS.

(1) Very active	34
(2) Above average	75
(3) Below average	65
(4) No activity	0

79. If PT sessions were not mandatory at my unit, I was allowed time for exercise during normal duty hours.

(1) Always	36
(2) Often	21
(3) Seldom	21
(4) Never	85
(5) N/A - Sessions were mandatory	25

80. Mandatory exercise sessions at my unit were held:

(1) Before normal duty hours	26
(2) During normal duty hours	27
(3) After normal duty hours	16
(4) N/A - Sessions not mandatory	118

81. I was expected to exercise on my own off-duty time.

(1) Always	79
(2) Often	36
(3) Seldom	21
(4) Never	0

I usually wore the following exercise footwear, choose the most frequently used type:

	82. UNIT EXERCISE		83. MY OWN EXERCISE	
Combat boots	(1)	8	(1)	2
Sneakers/Tennis shoes	(2)	24	(2)	44
Running shoes	(3)	57	(3)	119
Other	(4)	1	(4)	4
N/A (didn't exercise)	(5)	96	(5)	15

If you checked "other"please specify the type of footwear.

(UNIT) _____ (INDIVIDUAL) _____

I usually wore the following clothing for physical training, choose the most frequently used type:

	84. UNIT EXERCISE		85. MY OWN EXERCISE	
Fatigues/BDU	(1)	23	(1)	0
Sweatsuit/Warm-up suit	(2)	25	(2)	44
Shorts & T-shirt	(3)	38	(3)	114
Other clothing	(4)	2	(4)	11
N/A (did not exercise)	(5)	97	(5)	17

86. There were adequate, conveniently located, shower facilities available to me after PT.

(1) Always - 63 (2) Often - 24 (3) Seldom - 16 (4) Never - 36

87. There were lockers available to secure my valuables during exercise periods.

(1) Always - 58 (2) Often - 19 (3) Seldom - 16 (4) Never - 45

My unit ran on the surfaces indicated; in my own program I ran on the surfaces indicated; the Army Physical Readiness Test was run on the surfaces indicated. (Indicate usual surfaces)

	88. SURFACE ON WHICH I RAN		89. SURFACE ON WHICH UNIT RAN		90. SURFACE ON WHICH UNIT PT TEST WAS RUN	
Track	(1)	6	(1)	2	(1)	29
Dirt/Grass	(2)	16	(2)	6	(2)	48
Asphalt	(3)	55	(3)	44	(3)	56
Concrete	(4)	10	(4)	5	(4)	8
Combination of above	(5)	69	(5)	30	(5)	34
Unit did not run	XXXXXXX		(6)	0	XXXXXXX	
I did not run	(7)	31	XXXXXXX		XXXXXXX	
Unit had no PT Test	XXXXXXX		XXXXXXX		(8)	0

91. There was an adequate water point available at the place where my unit conducted its exercise sessions (e.g., a water fountain).

(1) Always	(2) Often	(3) Seldom	(4) Never	(5) N/A
33	24	9	27	95

In questions 92-95, we would like to find out how long your warm-up and cool-down periods, to include stretching, lasted. Please indicate the average duration in minutes of these periods.

EXAMPLE: (1) = 1 minute, (9) = 9 or more minutes, (0) = 0 minutes

If you had no unit physical training proceed to question 94.

92. My unit warm-up periods lasted _____ minutes.
0=114 1=12 2=7 3=2 5=15 7=1 9=25

93. My unit cool-down periods lasted _____ minutes.
0=45 1=29 2=14 3=10 4=3 5=31 6=3 7=2 9=42

If you had no individual physical training program, proceed to question 96.

94. My individual warm-up periods lasted _____ minutes.
0=127 1=10 2=3 4=1 5=15 9=21

95. My individual cool-down periods lasted _____ minutes.
0=47 1=13 2=5 3=5 4=3 5=36 6=2 7=1 8=3 9=65

SECTION 3

In this section, we would like to gather information on a number of your health-related behaviors. Please answer these questions based on your behavior over the last year. We are also interested in your sources of information concerning these behaviors. If you do not smoke, proceed to question 100.

96. I smoke____cigarettes each day.
EXAMPLE:(0)=no cigarettes, (1)=1-10, (2)=11-20, (3)=21-30, (4)=31-40,
164 5 8 7 1
(5)=41 or more cigarettes.
2

97. I smoke____cigars each day.
EXAMPLE:(0)=no cigars, (1)=1, (2)=2
181 5 1

98. I smoke____bowls of pipe tobacco each day.
EXAMPLE:(0)=no bowls, (1)=1, (2)=2, (3)=3
182 3 1 1

99. I have been smoking for____years.
EXAMPLE:(1)=1 or fewer years, (2)=2 years, (9)=9 or more years.
0=137 1=6 2=3 4=1 6=1 7=1 8=2 9=34

If you do not drink, proceed to question 102.

100. I drink____beers each day.
EXAMPLE:(0)=no beers, (1)=1, (2)=2, (9)=9 or more beers.
0=120 1=47 2=11 3=5 4=1 5=1

101. Other than beer, I consume____drinks each day.
EXAMPLE:(0)=no other drinks, (1)=1 drink, (2)=2
128 50 6

If you have never smoked, proceed to question 105.

102. I quit smoking:

(1)	On my own - gradually.	7
(2)	On my own - "cold turkey".	27
(3)	With Army medical assistance.	0
(4)	With Army non-medical assistance (command program).	0
(5)	With non-Army medical assistance.	1
(6)	With non-Army, non-medical assistance	0
(7)	Tried to quit, did not succeed.	126
(8)	Never tried to quit, still smoke.	12

103. If you tried to quit smoking, indicate the method(s) used. (Mark as many as apply.)

(1) On my own - gradually.	13
(2) On my own - "cold turkey".	1
(3) with Army medical assistance.	2
(4) with Army non-medical assistance.	0
(5) with non-Army medical assistance.	0
(6) with non-Army non-medical assistance.	133
(7) Other method.	0

104. The main reason I quit smoking was: (Mark one.)

(1) For health reasons.	20
(2) Because of the expense.	1
(3) Because of a desire to change my lifestyle.	12
(4) Because of family pressure.	2
(5) Because of peer pressure.	1
(6) Because of command pressure.	0
(7) Never smoked.	124
(8) Tried to quit and failed.	11
(9) Never tried to quit, still smoke.	14

If you never drank, proceed to question 108.

105. I used to drink, but I quit:

(1) On my own.	11
(2) With Army medical assistance.	0
(3) With Army non-medical assistance (CDAAC).	0
(4) With non-Army non-medical assistance.	0
(5) With non-Army medical assistance.	0
(6) Other method.	60

106. If you still drink, but have made efforts to control or cut down your rate of drinking, please indicate the method(s) used (Mark as many as apply.)

(1) On my own.	0
(2) With Army medical assistance.	0
(3) With Army non-medical assistance.	0
(4) With non-Army medical assistance.	0
(5) With non-Army non-medical assistance.	0
(6) Other method.	0

107. The main reason I began to control my drinking was:

(1) For health reasons.	27
(2) Because of the expense.	2
(3) Because of a desire to change my lifestyle.	15
(4) Because of family pressure.	1
(5) Because of peer pressure.	0
(6) Because of command pressure.	1

Please indicate your principal source of information about the following topics. Select the sources from the following list:

(1) = Army Medical Department.
(2) = Non-AMEDD Army sources.
(3) = DOD.
(4) = Civilian.
(5) = Civilian Clubs/Organizations.
(6) = Civilians Publications.
(7) = Radio/Television.
(8) = Friends and neighbors.
(9) = Peer group.
(0) = No reliable source known.

108. Smoking
0=1 1=14 2=6 3=1 4=61 5=4 6=49 7=33 8=11 9=4

109. Alcohol Consumption
0=1 1=23 2=7 3=5 4=50 5=7 6=51 7=27 8=11 9=3

110. Athletic Clothing and Footwear
0=0 1=4 2=5 3=1 4=8 5=4 6=79 7=23 8=50 9=12

111. Conduct of unit physical training and exercise programs
0=0 1=40 2=73 3=22 4=4 5=1 6=10 7=1 8=4 9=31

112. Injury prevention in Physical Training
0=1 1=40 2=18 3=18 4=24 5=6 6=43 7=2 8=12 9=36

113. Remedial Physical Training
0=0 1=40 2=51 3=13 4=8 5=2 6=26 7=1 8=5 9=39

114. Nutrition
0=0 1=31 2=4 3=1 4=51 5=4 6=69 7=5 8=7 9=13

115. Weight Loss/Weight Control
0=0 1=49 2=6 3=2 4=38 5=5 6=63 7=3 8=7 9=12

116. Conduct of individual physical training and exercise programs
0=1 1=21 2=41 3=11 4=10 5=8 6=53 7=2 8=24 9=16

117. Health benefits of fitness
0=0 1=21 2=4 3=1 4=35 5=6 6=88 7=11 8=13 9=7

118. Psychological benefits of fitness
0=1 1=16 2=3 3=1 4=29 5=4 6=85 7=9 8=16 9=22

119. Work capacity and fitness
0=1 1=17 2=8 3=2 4=26 5=2 6=79 7=4 8=13 9=33

120. Warm-up and cool-down activities
0=0 1=18 2=9 3=2 4=19 5=6 6=69 7=4 8=31 9=29

121. Treatment of exercise injuries
0=2 1=55 2=2 3=0 4=32 5=4 6=46 7=4 8=11 9=31

If you have never had a profile, proceed to question 124.

122. If I have or have had an activity limiting profile, I was given a recommended physical training program through the MEDDAC/MEDCEN.

(1) Always 7

(2) Often 3

(3) Seldom 11

(4) Never 24

123. Did the MEDDAC/MEDCEN PROVIDE follow-up on the programs addressed in question 122?

(1) Always 6

(2) Often 5

(3) Seldom 4

(4) Never 27

SECTION 4

In this section we wish to learn what, if any, injuries you have suffered during the past year as a result of your PT training, and to determine what effect the injuries have had on you.

124. Were you injured during the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES 45

(2) NO 0

If you answered yes to the above question, please continue. If you answered NO to the above question, proceed to Question 136.

125. If you were injured during the past year as a result of your PT activity, how many times were you injured?____

EXAMPLE (1) = 1 time, (9) = 9 or more times, etc.
0=49 1=19 2=19 3=5 4=2 5=2 6=1 9=1
Of the injuries reported in 125., how many: (0) = 0, (1) = 1, (9) = 9 or more

126. ____Were successfully self-treated?
0=149 1=23 2=12 3=2 5=1 6=1

127. ____Resulted in your going on sick call or visiting the emergency room?
0=51 1=24 2=5 3=4 5=1

128. ____Resulted in your hospitalization?
0=176 1=3 2=7 3=1 5=1

129. ____Resulted in your being referred to a clinic beyond the emergency room or sick call?
0=162 1=19 2=6 5=1

130. ____Caused you to receive a permanent profile?
0=159 1=13 2=10 3=13 4=1 5=1 6=1

131. ____Caused you to receive a temporary profile?
0=168 1=10 2=8 3=1 5=1

132. ____Did not result in a profile? (If you answered 0, proceed to question 136.)
0=175 1=3 2=9 5=1

If you did not receive a profile for the PT injuries reported in question 125, how many:

EXAMPLE (1) = 1 injury, (9) = 9 or more injuries, etc.

133. ____Caused you to change your daily activity or PT level for 1-7 days?
0=161 1=11 2=9 3=3 4=1 5=2 9=1

134. ____Caused you to change your daily activity or PT level for 8-30 days?
0=164 1=14 2=6 3=3 5=1

135. ____Caused you to change your daily activity or PT level for 31 or more days?
0=168 1=13 2=5 3=1 5=1

136. What is your preferred method of dealing with a physical training or athletic injury?

(1) Ignore it and continue activity.	7
(2) Temporarily stop activity.	63
(3) Treatment at an Army Medical Treatment Facility.	47
(4) Self-treatment.	65
(5) Treatment at a Civilian Medical Treatment Facility.	0

137. In my opinion, AMEDD facilities and care providers are competent to deal with physical training or athletic injuries.

(1) Strongly agree	27
(2) Agree	100
(3) Disagree	42
(4) Strongly disagree	0

138. In my opinion, AMEDD care providers are responsive to the needs and desires of the individual soldier when treating athletic or physical training injuries.

(1) Strongly agree	27
(2) Agree	103
(3) Disagree	40
(4) Strongly disagree	0

SECTION 5

In this section, we would like to gather information on your attitudes on a number of fitness-related issues.

139. Are you aware of the contents of FM 21-20, Physical Readiness Training, 31 Oct 80?

(1) YES	91
(2) NO, proceed to question 142.	97

140. Do you consult this manual for information on physical training?

(1) Always	5
(2) Often	28
(3) Seldom	50
(4) Never	105

141. Is this manual of value to you?

(1) Great	12
(2) Some	60
(3) None	4
(4) N/A - I don't use it.	112

142. Are you familiar with the contents of DA PAM 350-15, Commander's Handbook on Physical Fitness?

(1) YES	34
(2) NO, proceed to question 144.	0

143. Is this publication of value to you?

(1) Great	8
(2) Some	25
(3) None	3
(4) N/A - I don't use it.	152

144. The standards required to pass the Army Physical Readiness Test are:

(1) Too harsh for females.	14
(2) Just right for females.	79
(3) Too low for females.	0

145. The standards required to pass the Army Physical Readiness Test are:

(1) Too harsh for males.	38
(2) Just right for males.	128
(3) Too low for males.	19

146. To pass my Army Physical Readiness Test, I must expend:

(1) Great effort.	25
(2) Moderate effort.	99
(3) Little effort.	47
(4) No effort.	16

147. Do you attempt to obtain the maximum score on the Army Physical Readiness Test?

(1) Always	60
(2) Often	33
(3) Seldom	37
(4) Never	58

148. Do you normally pass the Army Physical Readiness Test?

(1) Always	147
(2) Often	29
(3) Seldom	3
(4) Never	8

149. Fitness activities are an important part of my life.

(1) Strongly agree	71
(2) Agree	79
(3) Disagree	30
(4) Strongly disagree	7

150. I structure my day to allow time for physical fitness activities.

(1) Strongly agree	40
(2) Agree	78
(3) Disagree	54
(4) Strongly disagree	15

151. Being physically fit improves my self-image.

(1) Strongly agree	105
(2) Agree	76
(3) Disagree	6
(4) Strongly disagree	1

152. Being physically fit improves my health.

(1) Strongly agree	123
(2) Agree	62
(3) Disagree	2
(4) Strongly disagree	1

153. Being physically fit improves my ability to perform my duties.

(1) Strongly agree	82
(2) Agree	83
(3) Disagree	20
(4) Strongly disagree	3

154. Everything else being equal, a physically fit soldier is more effective than an unfit soldier.

(1) Strongly agree	124
(2) Agree	58
(3) Disagree	4
(4) Strongly disagree	1

155. Everything else being equal, an overweight soldier is less effective than a soldier who is not overweight.

(1) Strongly agree	69
(2) Agree	74
(3) Disagree	39
(4) Strongly disagree	5

156. Being overweight would impair my ability to perform my duties.

(1) Strongly agree	50
(2) Agree	69
(3) Disagree	57
(4) Strongly disagree	12

157. I feel that engaging in a regular program of vigorous exercise is necessary for me to maintain an adequate level of physical fitness.

(1) Strongly agree	64
(2) Agree	83
(3) Disagree	38
(4) Strongly disagree	3

158. How satisfied are you with your current level of physical fitness?

(1) Very satisfied	17
(2) Satisfied	80
(3) Dissatisfied	78
(4) Very Dissatisfied	13

159. Exercise is an important element in a weight control program.

(1) Strongly agree	96
(2) Agree	80
(3) Disagree	9
(4) Strongly disagree	3

160. Being overweight damages my health.

(1) Strongly agree	88
(2) Agree	84
(3) Disagree	14
(4) Strongly disagree	2

161. I have to watch my weight closely to keep it under control.

(1) Strongly agree	55
(2) Agree	64
(3) Disagree	41
(4) Strongly disagree	28

SECTION 6

In this section, we would like to gather information on your personal experiences with weight loss and weight control.

162. Have you attempted to lose weight since coming on active duty?

(1) YES	116
(2) NO, proceed to question 171.	70

163. I succeed in my weight control efforts and I have kept the weight off.

(1) Always	33
(2) Often	76
(3) Seldom	20
(4) Never	2

164. How did you attempt to lose weight? (Mark as many as apply.)

(1) Army weight control program	1
(2) Private clinic or spa	6
(3) Nationally known diet	16
(4) Personal diet program	103

165. I am <u>now</u> involved in a weight control effort.

(1) YES - to lose weight.	75
(2) YES - to gain weight.	5
(3) YES - to maintain my weight.	40
(4) NO, proceed to question 168.	0

166. I am now succeeding in this weight control effort.

(1) S[illegible] agree	24
(2) Agree	81
(3) Disagree	12
(4) Strongly disagree	1

167. How are you attempting to lose the weight? (Mark as many as apply.)

(1) Army weight control program	0
(2) Private clinic or spa	1
(3) Nationally known diet	4
(4) Personal diet program	100

168. I have requested nutritional advice through Army Medical channels for my weight control efforts.

(1) Frequently	0
(2) Occasionally	8
(3) Seldom	15
(4) Never	86

169. Adequate nutritional advice and support have been available to me through Army Medical channels for my weight control efforts.

(1) Strongly agree	15
(2) Agree	58
(3) Disagree	19
(4) Strongly disagree	9

170. If I was, or am now involved in an Army weight control program, I was or am under the supervision of: (Mark as many as apply.)

(1) Physician.	0
(2) Nurse.	2
(3) Dietician.	5
(4) Physical Therapist.	1
(5) Other AMEDD officer/Warrant Officer.	4
(6) Other medical personnel.	1
(7) Other officer.	7
(8) Other personnel.	6
(9) NA	162

171. I am concerned about the nutritional quality of my diet.

(1)	Very concerned	57
(2)	Concerned	98
(3)	Somewhat concerned	18
(4)	Unconcerned	13

172. The Army is concerned about the nutritional quality of my diet.

(1)	Strongly agree	25
(2)	Agree	104
(3)	Disagree	39
(4)	Strongly disagree	0

173. My last unit had training on the importance of good nutrition.

(1)	YES	31
(2)	NO, proceed to question 176.	0

174. This nutrition training was worthwhile.

(1)	Strongly agree	7
(2)	Agree	27
(3)	Disagree	3
(4)	Strongly disagree	8

175. I changed my dietary habits because of this training.

(1)	Very substantially	0
(2)	Substantially	6
(3)	Slightly	18
(4)	Very slightly	26
(5)	Not at all	131

176. My military sources for nutrition information were: (Mark as many as apply.)

(1)	Dietitian.	35
(2)	Nurse.	15
(3)	Physician.	11
(4)	Physician's assistant.	9
(5)	Other AMEDD care provider.	5
(6)	Other Army sources.	8
(7)	Other DOD sources.	6
(8)	No military sources used.	4

177. I eat most of my meals at (Mark only one):

(1)	Military dining facilities.	4
(2)	Officer, NCO clubs.	1
(3)	Exchange restaurants and cafeterias.	2
(4)	Off base restaurants (not fast food)	5
(5)	Fast food establishments.	3
(6)	Own living quarters.	171

178. I usually eat the following meals each day: (Mark as many as apply.)

(1)	Breakfast.	3
(2)	Lunch.	93
(3)	Dinner.	148
(4)	1 snack.	168
(5)	2 snacks.	83
(6)	3 or more snacks.	21

If you have not attempted to control your weight in the Army proceed to question 184.

179. When I attempt to control my weight, I:

(1) Increase exercise without adjusting food consumption. 14

(2) Increase exercise and adjust food consumption. 106

(3) Exercise at my normal level and change food consumption. 17

180. If you adjust your food consumption to control your weight, which of the following is your primary method? (Mark only one.)

(1) Skip breakfast. 5

(2) Skip lunch. 18

(3) Skip dinner. 1

(4) Eliminate one or two types of food or food items, such as desserts, soft drinks, candy, breads and starches. 62

(5) Reduce portion sizes while eating your usual variety of foods. 27

(6) Utilize a specific diet. 12

181. If you adjust your food consumption to control your weight, which of the methods listed is your secondary method? (Mark only one.)

(1) Skip breakfast. 12

(2) Skip lunch. 14

(3) Skip dinner. 5

(4) Eliminate one or two types of food or food items, such as desserts, soft drinks, candy, breads and starches. 37

(5) Reduce portion sizes while eating your usual variety of foods. 43

(6) Utilize a specific diet. 9

182. I have utilized the following types of diets: (Mark as many as apply.)

(1)	Counting calories.	29
(2)	Low carbohydrate, counting carbohydrates.	42
(3)	Powdered or liquid diets.	30
(4)	Specific calorie level.	22
(5)	Exchange system.	30
(6)	High protein diets.	20
(7)	Other diet system.	43

183. Of the diets listed below, which were effective in helping you to lose weight and in helping you to keep the weight off? (Mark as many as apply).

(1)	Counting calories.	26
(2)	Low carbohydrate, counting carbohydrates.	29
(3)	Powdered or liquid diets.	19
(4)	Specific calorie level.	12
(5)	Exchange system.	14
(6)	High protein diets.	11
(7)	Other diet system.	28

184. I have to be constantly aware of my weight in order to stay within my own weight standards.

(1)	Strongly agree	53
(2)	Agree	60
(3)	Disagree	33
(4)	Strongly disagree	36

185. I have to be constantly aware of my weight in order to say within the Army weight standards.

(1)	Strongly agree	31
(2)	Agree	37
(3)	Disagree	58
(4)	Strongly disagree	58

186. If you attempted to lose weight in the last year, how much weight did you lose?

(0)	Did not attempt to lose weight.	68
(1)	Less than 10 pounds.	73
(2)	11-20 pounds.	33
(3)	21-30 pounds.	5
(4)	31-40 pounds.	4
(5)	41-50 pounds.	0
(6)	50 or more pounds.	1

187. I attempted to lose this weight because of:

(1)	Appearance.	67
(2)	Army standards.	18
(3)	Health.	9
(4)	Request of spouse or family member.	0
(5)	Other.	6

188. How much of this lost weight have you gained back?

(1)	None	47
(2)	Less than 25%	32
(3)	26-50%	16
(4)	51-75%	5
(5)	76-100%	9
(6)	More than 100% gained back	9

189. How long were you able to maintain this loss?

(1)	1-3 months	30
(2)	4-6 months	24
(3)	7-9 months	20
(4)	10-12 months or more	33

In questions 190-192, we would like to find out how much you know about your last unit's weight control program, even if you were not involved.

190. Did your last unit have a weight control program?

(1)	YES	146
(2)	NO	38

191. Did this weight control program include a nutrition education component?

(1)	YES	92
(2)	NO	
(3)	Don't know	

192. Do you feel that this weight control program was effective?

(1)	Highly effective	5
(2)	Effective	33
(3)	Somewhat effective	60
(4)	Not effective	17
(5)	Don't know	50

Please answer the two questions at the bottom of page 2.

THANK YOU

END

ANNEX B

SKINFOLD DATA SHEET

ANNEX B

NAME: _____

DATE: _____

SSN: _____

SKINFOLD TEST

AREA	TRIAL 1	TRIAL 2	TRIAL 3	AVERAGE
BICEPS	_____mm	_____mm	_____mm	_____mm
TRICEPS	_____mm	_____mm	_____mm	_____mm
SUBSCAPULAR	_____mm	_____mm	_____mm	_____mm
SUPRAILIAC	_____mm	_____mm	_____mm	_____mm

Sum of average of 4 skinfolds = _____mm

Age _____yrs

Sex M F _____% Body Fat

SCORER NUMBER_____

SUBJECT NUMBER_____

TIME MEASURED (check one)
____1400-1500; ____1501-1600; ____1601-1700; ____1701 and later

10. DISTRIBUTION LIST:

Defense Technical Information Center (2)

HQDA (DASG-HCD-S) (1)

Dir, Joint Medical Library, Offices of The Surgeons General, USA/USAF, The Pentagon, RM 1B-473, Washington, DC 20310 (1)

Comdt, Academy of Health Sciences, US Army (1)

Stimson Library, Academy of Health Sciences, US Army (1)