United States Army Health Care Studies and Clinical Investigation Activity

EVALUATION OF THE ARMY PHYSICAL TRAINING
AND
WEIGHT CONTROL PROGRAMS

PART II:

THE ARMY MEDICAL DEPARTMENT ADVANCED NCOES COURSE

CPT(P) James M. King
MAJ Donald E. O'Brien
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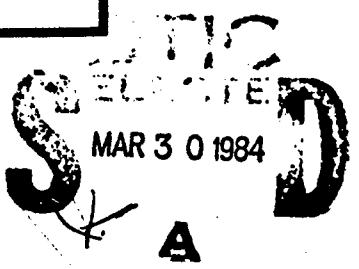
FINAL REPORT #83-007B

SEPTEMBER 1983



US ARMY
HEALTH SERVICES COMMAND
FORT SAM HOUSTON, TEXAS 78234

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

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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 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 (continued)

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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; and (6) assessed the effectiveness of weight control efforts as experienced by AMEDD personnel. Subjects for the present study were 190 students in the AMEDD Non-Commissioned Officer Advanced Course, Academy of Health Sciences, US Army, Fort Sam Houston, TX. The mean age of the subjects was 32.8 years. The class consisted of 155 E6s, 31 E7s, and 4 individuals who did not respond to this item. Prior to starting the class, the subjects had been assigned to 33 CONUS facilities, 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 noncommissioned officers get as much exercise as those who are in compliance with the prescribed standards, and are no 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 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 68 percent to 95.6 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. Almost one-half 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 were about equally likely to be motivated by Army requirements and by a desire to achieve some personal weight standard. Long term maintenance of the weight losses were a problem for members of this group. 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, Q149, Q161, Q169, & Q185

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 Lewis, Fort Meade, Fort Ord, Fort Polk, Fort Sheridan, Presidio of San Francisco, Fort Riley, Fort Sam Houston

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

HSC/DARCOM - Aberdeen Proving Ground
Fort Detrick
Fort Huachuca
Walter Reed Army Medical Center
Fort Monmouth

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

Other - Fort Myer, Other Unspecified

FACIN	Rating of indoor facilities - mean of Q16, Q17, Q19, Q23, & Q29
FACOUT	Rating of outdoor facilities - mean of Q7, Q11, Q14, & Q27
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 Q149-156, Q160, & Q172
MAJOR	Major injury reported in Q127-131, Q134, or Q135
MARC	Scaled Army concern - mean of Q137, Q138, Q149, Q161, Q169, & Q185
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 Q16, Q17, Q19, Q23, & Q29
MFACOUT	Scaled rating of outdoor facilities - mean of Q7, Q11, Q14, & Q27
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-Q156, Q160, & Q172
MINOR	Minor injury reported in Q126, Q132, or Q133
MOS	NON COMMISSIONED OFFICERS MILITARY OCCUPATIONAL SPECIALTY CATEGORIES:
	MEDICS: 91B - Medical Specialist
	NURSING SPECIALISTS: 91G - Practical Nurse Specialist
	OTHER PATIENT CARE SPEC: 91D - Operating Room Specialist 91E - Dental Specialist 91F - Psychiatric Specialist 91G - Behavioral Science Specialist 91H - Orthopedic Specialist 91J - Physical Therapy Specialist 91L - Occupational Therapy Specialist 91V - Respiratory Specialist 92E - Psychology Specialist

MOS CONT: NON PATIENT CARE SPECIALISTS:

42C - Orthotic Specialist
42D - Dental Lab Specialist
71G - Patient Admin Specialist
76J - Medical Supply Specialist
91N - Cardiac Specialist
91P - X-ray Specialist
91Q - Pharmacy Specialist
91R - Vet Food Inspecion Specialist
91S - Environmental Specialist
91T - Animal Care Specialist
91W - Nuclear Lab Specialist
92B - Medical Lab Specialist
94F - Hospital Food Specialist

MSPT	Scaled rating - exercise support by post/unit - mean of Q79, Q87, & Q88
MUFID	Scaled unit exercise frequency times intensity times duration
MWTAW	Scaled weight awareness - mean of Q157, Q159, Q166, 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 - Q99
SPT	Rating of exercise support by post/unit - mean of Q79, Q87, & Q88
UFID	Unit exercise frequency times intensity times duration
WTAW	Weight awareness - mean of Q157, Q159, Q166, Q184, & Q185
WTCD	Height/Weight status per AR 600-9

LIST OF TABLES

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, Lifestyle 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. We have recently completed a similar study on students in the AMEDD Officer Advanced Course (King, O'Brien, and Mangelsdorff, 1983).

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 190 students in the AMEDD Non-Commissioned Officer Advanced Course, Academy of Health Sciences, US Army, Ft Sam Houston, TX. Their mean age was 32.8 years. The class consisted of 155 E6s, 31 E7s, and 4 individuals who did not respond to this item. Prior to starting the course, the subjects had been assigned to 33 CONUS facilities, 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 25 April 83. Actual data collection occurred on 26 April 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 influenced by type of unit (see Table 3). Subjects from research units and MTFs were most likely to fail the the APRT, but number of points earned was independent of type of unit (see

Table 4). Type of unit, but not MACOM, strongly influenced level of unit exercise (see Tables 5 and 6). Individuals from field and staff units had the highest levels of unit exercise. Unit exercise influenced passing the APRT in this group (see Table 9). Subjects reporting high levels of unit exercise were more likely to pass the APRT than those reporting lower levels of unit exercise (see Table 10). Individual exercise was independent of the type of unit and MACOM of post (see Tables 11 and 12), but strongly affected success on the APRT (see Tables 15 and 16).

Reported Army concern for individual nutrition was not influenced by MACOM (see Table 29). This variable was unrelated to height/weight status or body fat level (see Tables 30 to 32). Males and females reported similar levels of Exercise Importance (see Table 36). Medics and nonpatient care specialists felt that exercise was more important than did nursing specialists or other patient care specialists (see Table 37). Exercise Importance was not related to levels of individual, unit, or total exercise (see Tables 38 to 41).

Type of Unit did not influence smoking behavior (see Table 50). Smokers exercise levels were similar to nonsmokers (see Tables 55 and 56), and smokers were no more likely to fail the APRT (see Table 57) than nonsmokers, although they received lower APRT scores (see Table 58). Over forty percent of the subjects were not given duty time to exercise, and this was independent of Type of Unit (see Table 62) and MACOM (see Table 63). Individuals from MTFs were most likely to be expected to exercise on their off duty time (see Table 64).

b. Facilities and Fitness. These data are summarized in Tables 66 to 100. Ratings of indoor exercise facilities were not related to success on the APRT (see Tables 71 and 72). Outdoor facility ratings were lowest for research and staff units (see Table 74) and highest for individuals reporting a high level of unit exercise (see Table 76). These ratings were unrelated to other

variables (See Tables 75, 77-81). Overall facility ratings were related to type of unit (see Table 82), and to unit exercise levels (see Table 84), as high levels of unit exercise and high overall facility ratings co-varied. Basic support for exercise was highest in MTFs and research units, and lowest in field and staff units (see Table 90). Basic organizational support for exercise increased the level of unit, individual, and total exercise, and was related to exercise importance, but did not influence success on the APRT (see Tables 95 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 level of individual exercise (see Table 109), but are independent of individual exercise facility rating (see Tables 113-115). Minor injuries were most frequently reported in the 40 and over age group (see Table 118). Levels of minor injuries were independent of Type of Unit and MACOM (see Tables 119 and 120). The probability of a minor injury increased as the level of individual exercise increased (see Table 126). Individuals with minor injuries tend to obtain more (180-200) scores on the APRT (see Table 129). Exercise facility ratings were independent of level of minor exercise injuries (see Tables 130 to 132). Overall injury rate was higher in subjects who reported a high level of individual exercise (see Table 147).

d. Weight Control. These data are summarized in Tables 152 to 194. Type of Unit and MACOM had no influence on status with respect to height/weight standards (see Tables 153 to 156). Individuals who were not in compliance with these standards were no more likely to fail the APRT (see Table 158), and scored as many points on the APRT as their peers who were in compliance (see Table 159). In this sample, females tended to have a higher percentage of body fat than males (see Table 162). Compliance with the percent body fat

standard 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 no more likely to exceed the percent body fat standards than those who met the height/weight standards, indeed 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 success on the APRT (see Tables 167 to 171). Weight awareness was lowest in individuals from research and staff units, but was highest in those from MTFs and field units (see Table 184). Males and females had an equal level of weight awareness, and low weight awareness was related to unacceptable height/weight and to high levels of body fat, but not to unacceptable body fat levels (see Tables 186 to 189). High levels of weight awareness were related to high rating on Army concern about the individual and to Army concern about nutrition (see Tables 190 and 191).

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

f. Multivariate Analyses. The results of these analyses can be found in Tables 195 to 209. The principle predictors of percent body fat were APRT Score, Age, Importance of Exercise, Sex, and Level of Unit Exercise (see Tables 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). With respect to classification on the basis of compliance with the height/weight standards and the percent body fat standards (see Tables 204 and 205), those who were in compliance could be classified much more accurately than those who were not in compliance. Classification with respect to passing or failing the APRT was accomplished with 94.5% accuracy (see Table 206). Individuals could be readily classified by type of previous unit (see Table 207), but accurate assignments to a MACOM could not be made (see Table 208). A classification based on MOS was successful for medics and other patient care specialists, but was less successful for nursing specialists and non-patient care specialists (see Table 209).

4. CONCLUSIONS. Overweight and/or overfat AMEDD noncommissioned 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 than unit exercise 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 individuals 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 68 percent to 95.6 percent.

Although almost one in four 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 one-half 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 were about equally likely to be motivated by Army requirements and by a desire to achieve some personal weight standard. Long term maintenance of the weight losses were a problem for members of this group. The respondents did not perceive unit weight control programs as having substantial effects on those involved in them.

The findings of the present study are in substantial agreement with the results of an earlier study of the AMEDD Officer Advanced Course (King, et al, 1983). Taken together, these two studies provide a guide to improving the overall physical fitness of the mid-career AMEDD soldier.

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 noncommissioned officers and its commissioned officers (King, et al., 1983) at a relatively low cost. Attention should be focused on providing the time and basic facilities for exercise, 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.

Subsequant studies should investigate the reliability and validity of the Durnin and Wormersley (1974) method of precent body fat determination. Specifically, inter-rater and test-retest reliabilities must be established within the Army setting, while the validity of the procedure for the Army population should be confirmed. Efforts should be made to evaluate the fitness of mid-career soldiers outside of the AMEDD using the combination of survey instrument, body composition assessment, and APRT as employed in this study.

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TABLES

DEMOGRAPHICS, EXERCISE HISTORY, AND FITNESS

Tables 1 to 65

Table 1

PT NCO SAMPLE

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

CM / PTCODE	.	PASSED	FAILED	TOTAL
.	0	0	1	
21 TO 29	1	21	11	32
		12.28	6.43	18.71
		65.63	34.38	
		17.95	20.37	
31 TO 39	14	88	42	130
		51.46	24.56	76.02
		67.69	32.31	
		75.21	77.78	
40 AND MORE	3	8	1	9
		4.68	0.58	5.26
		88.89	11.11	
		6.84	1.85	
TOTAL		117	54	171
		68.42	31.58	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.893	DF=	2	PROB=0.3881
PHI	0.105			
CONTINGENCY COEFFICIENT	0.105			
CRAMER'S V	0.105			
LIKELIHOOD RATIO CHISQUARE	2.244	DF=	2	PROB=0.3256

Table 2

PT NCO 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
.	1 . . .	0 . . .	0 . . .	0 . . .	0 . . .	. .
21 TO 29	7 3.70 21.21 11.48	6 3.17 18.18 20.00	11 5.82 33.33 17.74	4 2.12 12.12 25.00	5 2.65 15.15 25.00	33 17.46
31 TO 39	42 22.22 29.17 68.85	24 12.70 16.67 80.00	51 26.98 35.42 82.26	12 6.35 8.33 75.00	15 7.94 10.42 75.00	144 76.19
40 AND MORE	12 6.35 100.00 19.67	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	12 6.35
TOTAL	61 32.28	30 15.87	62 32.80	16 8.47	20 10.58	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	28.512	DF= 8	PROB=0.0004
PHI	0.388		
CONTINGENCY COEFFICIENT	0.362		
CRAMER'S V	0.275		
LIKELIHOOD RATIO CHISQUARE	30.508	DF= 8	PROB=0.0002

Table 3

PT NCO 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
OTHER	4	29	8	37
		16.86	4.65	21.51
		78.38	21.62	
		24.79	14.55	
MTF	6	46	27	73
		26.74	15.70	42.44
		63.01	36.99	
		39.32	49.09	
RES	1	0	3	3
		0.00	1.74	1.74
		0.00	100.00	
		0.00	5.45	
FLD	5	39	13	52
		22.67	7.56	30.23
		75.00	25.00	
		33.33	23.64	
STF	2	3	4	7
		1.74	2.33	4.07
		42.86	57.14	
		2.56	7.27	
TOTAL		117	55	172
		68.02	31.98	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	12.250	DF=	4	PROB=0.0156
PHI	0.267			
CONTINGENCY COEFFICIENT	0.258			
CRAMER'S V	0.267			
LIKELIHOOD RATIO CHISQUARE	12.709	DF=	4	PROB=0.0128

Table 4

PT NCO 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
OTHER	11 5.79 26.83 17.74	4 2.11 9.76 13.33	14 7.37 34.15 22.58	6 3.16 14.63 37.50	6 3.16 14.63 30.00	41 21.58
MTF	28 14.74 35.44 45.16	15 7.89 18.99 50.00	23 12.11 29.11 37.10	5 2.63 6.33 31.25	8 4.21 10.13 40.00	79 41.58
RES	2 1.05 50.00 3.23	1 0.53 25.00 3.33	1 0.53 25.00 1.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.11
FLD	16 8.42 28.07 25.81	8 4.21 14.04 26.67	22 11.58 38.60 35.48	5 2.63 8.77 31.25	6 3.16 10.53 30.00	57 30.00
STF	5 2.63 55.56 8.06	2 1.05 22.22 6.67	2 1.05 22.22 3.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 4.74
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	11.567	DF= 16	PROB=0.7732	
PHI	0.247			
CONTINGENCY COEFFICIENT	0.240			
CRAMER'S V	0.123			
LIKELIHOOD RATIO CHISQUARE	13.472	DF= 16	PROB=0.6380	

Table 5

PT NCO 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 — LE 19	13 6.84 16.67 31.71	53 27.89 67.95 67.09	1 0.53 1.28 25.00	8 4.21 10.26 14.04	3 1.58 3.85 33.33	78 41.05
20 TO 39	3 1.58 15.79 7.32	5 2.63 26.32 6.33	1 0.53 5.26 25.00	9 4.74 47.37 15.79	1 0.53 5.26 11.11	19 10.00
40 TO 59	4 2.11 21.05 9.76	8 4.21 42.11 10.13	1 0.53 5.26 25.00	6 3.16 31.58 10.53	0 0.00 0.00 0.00	19 10.00
60 TO 79	7 3.68 24.14 17.07	7 3.68 24.14 8.86	1 0.53 3.45 25.00	12 6.32 41.38 21.05	2 1.05 6.90 22.22	29 15.26
80 TO 100 — High	14 7.37 31.11 34.15	6 3.16 13.33 7.59	0 0.00 0.00 0.00	22 11.58 48.89 38.60	3 1.58 6.67 33.33	45 23.68
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	51.612	DF= 16	PROB=0.0001
PHI	0.521		
CONTINGENCY COEFFICIENT	0.462		
CRAMER'S V	0.261		
LIKELIHOOD RATIO CHISQUARE	56.498	DF= 16	PROB=0.0001

Table 6

PT NCO 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	OCONUS	HSC - DARCOM	OTHER	TOTAL
Low	LE 19	33 17.37 42.31 39.29	22 11.58 28.21 51.16	13 6.84 16.67 34.21	4 2.11 5.13 44.44	6 3.16 7.69 37.50	78 41.05
	20 TO 39	6 3.16 31.58 7.14	4 2.11 21.05 9.30	5 2.63 26.32 13.16	2 1.05 10.53 22.22	2 1.05 10.53 12.50	19 10.00
	40 TO 59	9 4.74 47.37 10.71	5 2.63 26.32 11.63	3 1.58 15.79 7.89	1 0.53 5.26 11.11	1 0.53 5.26 6.25	19 10.00
	60 TO 79	11 5.79 37.93 13.10	4 2.11 13.79 9.30	8 4.21 27.59 21.05	2 1.05 6.90 22.22	4 2.11 13.79 25.00	29 15.26
High	80 TO 100	25 13.16 55.56 29.76	8 4.21 17.78 18.60	9 4.74 20.00 23.68	0 0.00 0.00 0.00	3 1.58 6.67 18.75	45 23.68
	TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	12.182	DF= 16	PROB=0.7314	
PHI	0.253			
CONTINGENCY COEFFICIENT	0.245			
CRAMER'S V	0.127			
LIKELIHOOD RATIO CHISQUARE	13.830	DF= 16	PROB=0.6114	

Table 7

PT NCO SAMPLE

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

MUFID	MOS				
FREQUENCY PERCENT ROW PCT COL PCT	MEDICS	NURS SPEC	OTHER PT CARE	NON PT CARE	TOTAL
Low LE 19	18 9.47 23.08 28.13	14 7.37 17.95 35.90	25 13.16 32.05 59.52	21 11.05 26.92 46.67	78 41.05
20 TO 39	8 4.21 42.11 12.50	3 1.58 15.79 7.69	4 2.11 21.05 9.52	4 2.11 21.05 8.89	19 10.00
40 TO 59	5 2.63 26.32 7.81	6 3.16 31.58 15.38	2 1.05 10.53 4.76	6 3.16 31.58 13.33	19 10.00
60 TO 79	14 7.37 48.28 21.88	6 3.16 20.69 15.38	2 1.05 6.90 4.76	7 3.68 24.14 15.56	29 15.26
80 TO 100 High	19 10.00 42.22 29.69	10 5.26 22.22 25.64	9 4.74 20.00 21.43	7 3.68 15.56 15.56	45 23.68
TOTAL	64 33.68	39 20.53	42 22.11	45 23.68	190 100.00

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	17.709	DF= 12	PROB=0.1248	
PHI	0.305			
CONTINGENCY COEFFICIENT	0.292			
CRAMER'S V	0.176			
LIKELIHOOD RATIO CHISQUARE	18.700	DF= 12	PROB=0.0960	

Table 8

PT NCO SAMPLE

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

MUFID	WTCD		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
LE 19	70 36.84 89.74 40.70	8 4.21 10.26 44.44	78 41.05
20 TO 39	18 9.47 94.74 10.47	1 0.53 5.26 5.56	19 10.00
40 TO 59	18 9.47 94.74 10.47	1 0.53 5.26 5.56	19 10.00
60 TO 79	26 13.68 89.66 15.12	3 1.58 10.34 16.67	29 15.26
80 TO 100	40 21.05 88.89 23.26	5 2.63 11.11 27.78	45 23.68
TOTAL	172 90.53	18 9.47	190 100.00

Low

High

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	1.008	DF= 4	PROB=0.9086
PHI	0.073		
CONTINGENCY COEFFICIENT	0.073		
CRAMER'S V	0.073		
LIKELIHOOD RATIO CHISQUARE	1.136	DF= 4	PROB=0.8886

Table 9

PT NCO SAMPLE

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

	MUFID	PTCODE			
	FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
Low	LE 19	9	39 22.67 56.52 33.33	30 17.44 43.48 54.55	69 40.12
	20 TO 39	3	11 6.40 68.75 9.40	5 2.91 31.25 9.09	16 9.30
	40 TO 59	1	10 5.81 55.56 8.55	8 4.65 44.44 14.55	18 10.47
	60 TO 79	3	20 11.63 76.92 17.09	6 3.49 23.08 10.91	26 15.12
High	80 TO 100	2	37 21.51 86.05 31.62	6 3.49 13.95 10.91	43 25.00
	TOTAL		117 68.02	55 31.98	172 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	12.855	DF= 4	PROB=0.0120
PHI	0.273		
CONTINGENCY COEFFICIENT	0.264		
CRAMER'S V	0.273		
LIKELIHOOD RATIO CHISQUARE	13.656	DF= 4	PROB=0.0085

Table 10

PT NCO 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	31 16.32 39.74 50.00	18 9.47 23.08 60.00	17 8.95 21.79 27.42	6 3.16 7.69 37.50	6 3.16 7.69 30.00	78 41.05
	20 TO 39	6 3.16 31.58 9.68	3 1.58 15.79 10.00	7 3.68 36.84 11.29	1 0.53 5.26 6.25	2 1.05 10.53 10.00	19 10.00
	40 TO 59	5 2.63 26.32 8.06	2 1.05 10.53 6.67	9 4.74 47.37 14.52	1 0.53 5.26 6.25	2 1.05 10.53 10.00	19 10.00
	60 TO 79	11 5.79 37.93 17.74	3 1.58 10.34 10.00	8 4.21 27.59 12.90	3 1.58 10.34 18.75	4 2.11 13.79 20.00	29 15.26
High	80 TO 100	9 4.74 20.00 14.52	4 2.11 8.89 13.33	21 11.05 46.67 33.87	5 2.63 11.11 31.25	6 3.16 13.33 30.00	45 23.68
	TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	18.113	DF= 16	PROB=0.3173	
PHI	0.309			
CONTINGENCY COEFFICIENT	0.295			
CRAMER'S V	0.154			
LIKELIHOOD RATIO CHISQUARE	18.383	DF= 16	PROB=0.3019	

Table 11

PT NCO SAMPLE

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

MIFID	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
Low LE 19	13 6.84 16.67 31.71	33 17.37 42.31 41.77	2 1.05 2.56 50.00	26 13.68 33.33 45.61	4 2.11 5.13 44.44	78 41.05
20 TO 39	6 3.16 18.75 14.63	15 7.89 46.88 18.99	0 0.00 0.00 0.00	9 4.74 28.13 15.79	2 1.05 6.25 22.22	32 16.84
40 TO 59	3 1.58 16.67 7.32	7 3.68 38.89 8.86	0 0.00 0.00 0.00	6 3.16 33.33 10.53	2 1.05 11.11 22.22	18 9.47
60 TO 79	3 1.58 12.00 7.32	13 6.84 52.00 16.46	0 0.00 0.00 0.00	9 4.74 36.00 15.79	0 0.00 0.00 0.00	25 13.16
80 TO 100 High	16 8.42 43.24 39.02	11 5.79 29.73 13.92	2 1.05 5.41 50.00	7 3.68 18.92 12.28	1 0.53 2.70 11.11	37 19.47
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	21.472	DF= 16	PROB=0.1611	
PHI	0.336			
CONTINGENCY COEFFICIENT	0.319			
CRAMER'S V	0.168			
LIKELIHOOD RATIO CHISQUARE	22.014	DF= 16	PROB=0.1427	

Table 12

PT NCO 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	OCONUS	HSC - DARCOM	OTHER	TOTAL
Low	LE 19	34 17.89 43.59 40.48	20 10.53 25.64 46.51	15 7.89 19.23 39.47	4 2.11 5.13 44.44	5 2.63 6.41 31.25	78 41.05
	20 TO 39	16 8.42 50.00 19.05	8 4.21 25.00 18.60	5 2.63 15.63 13.16	1 0.53 3.13 11.11	2 1.05 6.25 12.50	32 16.84
	40 TO 59	6 3.16 33.33 7.14	5 2.63 27.78 11.63	4 2.11 22.22 10.53	0 0.00 0.00 0.00	3 1.58 16.67 18.75	18 9.47
	60 TO 79	11 5.79 44.00 13.10	4 2.11 16.00 9.30	8 4.21 32.00 21.05	1 0.53 4.00 11.11	1 0.53 4.00 6.25	25 13.16
High	80 TO 100	17 8.95 45.95 20.24	6 3.16 16.22 13.95	6 3.16 16.22 15.79	3 1.58 8.11 33.33	5 2.63 13.51 31.25	37 19.47
	TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	10.652	DF= 16	PROB=0.8304
PHI	0.237		
CONTINGENCY COEFFICIENT	0.230		
CRAMER'S V	0.118		
LIKELIHOOD RATIO CHISQUARE	10.960	DF= 16	PROB=0.8120

Table 13

PT NCO SAMPLE

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

MIFID / FREQUENCY / PERCENT / ROW PCT / COL PCT	MEDICS	NURS SPEC	OTHER PT CARE	NON PT CARE	TOTAL
LE 19	24	11	19	24	78
	12.63	5.79	10.00	12.63	41.05
	30.77	14.10	24.36	30.77	
Low	37.50	28.21	45.24	53.33	
20 TO 39	10	9	8	5	32
	5.26	4.74	4.21	2.63	16.84
	31.25	28.13	25.00	15.63	
	15.63	23.08	19.05	11.11	
40 TO 59	6	5	2	5	18
	3.16	2.63	1.05	2.63	9.47
	33.33	27.78	11.11	27.78	
	9.38	12.82	4.76	11.11	
60 TO 79	12	8	2	3	25
	6.32	4.21	1.05	1.58	13.16
	48.00	32.00	8.00	12.00	
	18.75	20.51	4.76	6.67	
80 TO 100	12	6	11	8	37
	6.32	3.16	5.79	4.21	19.47
	32.43	16.22	29.73	21.62	
High	18.75	15.38	26.19	17.78	
TOTAL	64	39	42	45	190
	33.68	20.53	22.11	23.68	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	15.333	DF= 12	PROB=0.2237	
PHI	0.284			
CONTINGENCY COEFFICIENT	0.273			
CRAMER'S V	0.164			
LIKELIHOOD RATIO CHISQUARE	16.154	DF= 12	PROB=0.1843	

Table 14

PT NCO SAMPLE

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

MIFID	WTCD		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
LE 19	73 38.42 93.59 42.44	5 2.63 6.41 27.78	78 41.05
20 TO 39	26 13.68 81.25 15.12	6 3.16 18.75 33.33	32 16.84
40 TO 59	17 8.95 94.44 9.88	1 0.53 5.56 5.56	18 9.47
60 TO 79	24 12.63 96.00 13.95	1 0.53 4.00 5.56	25 13.16
80 TO 100	32 16.84 86.49 18.60	5 2.63 13.51 27.78	37 19.47
TOTAL	172 90.53	18 9.47	190 100.00

Low

High

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	5.964	DF= 4	PROB=0.2019
PHI	0.177		
CONTINGENCY COEFFICIENT	0.174		
CRAMER'S V	0.177		
LIKELIHOOD RATIO CHISQUARE	5.620	DF= 4	PROB=0.2294

Table 15

PT NCO SAMPLE

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

MIFID	PTCODE			
FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
LE 19	9	37	32	69
	.	21.51	18.60	40.12
	.	53.62	46.38	
Low	.	31.62	58.18	
20 TO 39	6	21	5	26
	.	12.21	2.91	15.12
	.	80.77	19.23	
	.	17.95	9.09	
40 TO 59	1	12	5	17
	.	6.98	2.91	9.88
	.	70.59	29.41	
	.	10.26	9.09	
60 TO 79	0	20	5	25
	.	11.63	2.91	14.53
	.	80.00	20.00	
	.	17.09	9.09	
80 TO 100	2	27	8	35
	.	15.70	4.65	20.35
	.	77.14	22.86	
High	.	23.08	14.55	
TOTAL	.	117	55	172
	.	68.02	31.98	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	11.558	DF= 4	PROB=0.0210
PHI	0.259		
CONTINGENCY COEFFICIENT	0.251		
CRAMER'S V	0.259		
LIKELIHOOD RATIO CHISQUARE	11.589	DF= 4	PROB=0.0207

Table 16

PT NCO 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
LE 19	36 18.95 46.15 58.06	16 8.42 20.51 53.33	21 11.05 26.92 33.87	3 1.58 3.85 18.75	2 1.05 2.56 10.00	78 41.05
20 TO 39	12 6.32 37.50 19.35	3 1.58 9.38 10.00	14 7.37 43.75 22.58	2 1.05 6.25 12.50	1 0.53 3.13 5.00	32 16.84
40 TO 59	5 2.63 27.78 8.06	3 1.58 16.67 10.00	7 3.68 38.89 11.29	3 1.58 16.67 18.75	0 0.00 0.00 0.00	18 9.47
60 TO 79	4 2.11 16.00 6.45	2 1.05 8.00 6.67	11 5.79 44.00 17.74	2 1.05 8.00 12.50	6 3.16 24.00 30.00	25 13.16
80 TO 100	5 2.63 13.51 8.06	6 3.16 16.22 20.00	9 4.74 24.32 14.52	6 3.16 16.22 37.50	11 5.79 29.73 55.00	37 19.47
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

Low

High

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	49.664	DF= 16	PROB=0.0001	
PHI	0.511			
CONTINGENCY COEFFICIENT	0.455			
CRAMER'S V	0.256			
LIKELIHOOD RATIO CHISQUARE	49.734	DF= 16	PROB=0.0001	

Table 17

PT NCO 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	13 6.84 15.12 31.71	49 25.79 56.98 62.03	1 0.53 1.16 25.00	19 10.00 22.09 33.33	4 2.11 4.65 44.44	86 45.26
	20 TO 39	0 0.00 0.00 0.00	1 0.53 100.00 1.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
	40 TO 59	0 0.00 0.00 0.00	1 0.53 100.00 1.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
	60 TO 79	0 0.00 0.00 0.00	2 1.05 100.00 2.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.05
High	80 TO 100	28 14.74 28.00 68.29	26 13.68 26.00 32.91	3 1.58 3.00 75.00	38 20.00 38.00 66.67	5 2.63 5.00 55.56	100 52.63
	TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	24.621	DF= 16	PROB=0.0768
PHI	0.360		
CONTINGENCY COEFFICIENT	0.339		
CRAMER'S V	0.180		
LIKELIHOOD RATIO CHISQUARE	26.487	DF= 16	PROB=0.0476

Table 18

PT NCO SAMPLE

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

	SMFID	MOS				
	FREQUENCY PERCENT ROW PCT COL PCT	MEDICS	NURS SPEC	OTHER PT CARE	NON PT CARE	TOTAL
Low	LE 19	26 13.68 30.23 40.63	15 7.89 17.44 38.46	21 11.05 24.42 50.00	24 12.63 27.91 53.33	86 45.26
	20 TO 39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 100.00 2.38	0 0.00 0.00 0.00	1 0.53
	40 TO 59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 100.00 2.38	0 0.00 0.00 0.00	1 0.53
	60 TO 79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.05 100.00 4.76	0 0.00 0.00 0.00	2 1.05
High	80 TO 100	38 20.00 38.00 59.38	24 12.63 24.00 61.54	17 8.95 17.00 40.48	21 11.05 21.00 46.67	100 52.63
	TOTAL	64 33.68	39 20.53	42 22.11	45 23.68	190 100.00

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	18.278	DF= 12	PROB=0.1075
PHI	0.310		
CONTINGENCY COEFFICIENT	0.296		
CRAMER'S V	0.179		
LIKELIHOOD RATIO CHISQUARE	16.310	DF= 12	PROB=0.1774

Table 19

PT NCO 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	77 40.53 89.53 44.77	9 4.74 10.47 50.00	86 45.26
	20 TO 39	1 0.53 100.00 0.58	0 0.00 0.00 0.00	1 0.53
	40 TO 59	1 0.53 100.00 0.58	0 0.00 0.00 0.00	1 0.53
	60 TO 79	2 1.05 100.00 1.16	0 0.00 0.00 0.00	2 1.05
High	80 TO 100	91 47.89 91.00 52.91	9 4.74 9.00 50.00	100 52.63
	TOTAL	172 90.53	18 9.47	190 100.00

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	0.543	DF= 4	PROB=0.9691
PHI	0.053		
CONTINGENCY COEFFICIENT	0.053		
CRAMER'S V	0.053		
LIKELIHOOD RATIO CHISQUARE	0.918	DF= 4	PROB=0.9219

Table 20

PT NCO 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	.	PASSED	FAILED	TOTAL
Low	LE 19	10	44	32	76
			25.58	18.60	44.19
			57.89	42.11	
			37.61	58.18	
	20 TO 39	0	0	1	1
			0.00	0.58	0.58
			0.00	100.00	
			0.00	1.82	
	40 TO 59	0	1	0	1
			0.58	0.00	0.58
			100.00	0.00	
			0.85	0.00	
	60 TO 79	1	0	1	1
			0.00	0.58	0.58
			0.00	100.00	
			0.00	1.82	
High	80 TO 100	7	72	21	93
			41.86	12.21	54.07
			77.42	22.58	
			61.54	38.18	
	TOTAL		117	55	172
			68.02	31.98	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	12.084	DF= 4	PROB=0.0167
PHI	0.265		
CONTINGENCY COEFFICIENT	0.256		
CRAMER'S V	0.265		
LIKELIHOOD RATIO CHISQUARE	12.773	DF= 4	PROB=0.0124

Table 21

PT NCO 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	35 18.42 40.70 56.45	18 9.47 20.93 60.00	22 11.58 25.58 35.48	6 3.16 6.98 37.50	5 2.63 5.81 25.00	86 45.26
20 TO 39	1 0.53 100.00 1.61	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 0.53
40 TO 59	0 0.00 0.00 0.00	1 0.53 100.00 3.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
60 TO 79	1 0.53 50.00 1.61	1 0.53 50.00 3.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.05
80 TO 100 — High	25 13.16 25.00 40.32	10 5.26 10.00 33.33	40 21.05 40.00 64.52	10 5.26 10.00 62.50	15 7.89 15.00 75.00	100 52.63
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	24.357	DF= 16	PROB=0.0820
PHI	0.358		
CONTINGENCY COEFFICIENT	0.337		
CRAMER'S V	0.179		
LIKELIHOOD RATIO CHISQUARE	23.690	DF= 16	PROB=0.0965

Table 22

PT NCO SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)
BY TYPE OF UNIT (E)

MARC	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
High LE 1.75	30 15.79 21.28 73.17	57 30.00 40.43 72.15	3 1.58 2.13 75.00	45 23.68 31.91 78.95	6 3.16 4.26 66.67	141 74.21
1.76 TO 2.50	11 5.79 24.44 26.83	20 10.53 44.44 25.32	1 0.53 2.22 25.00	11 5.79 24.44 19.30	2 1.05 4.44 22.22	45 23.68
2.51 TO 3.25	0 0.00 0.00 0.00	2 1.05 66.67 2.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 33.33 11.11	3 1.58
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	1 0.53 100.00 1.75	0 0.00 0.00 0.00	1 0.53
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	10.604	DF= 12	PROB=0.5631	
PHI	0.236			
CONTINGENCY COEFFICIENT	0.230			
CRAMER'S V	0.136			
LIKELIHOOD RATIO CHISQUARE	9.248	DF= 12	PROB=0.6816	

Table 23

PT NCO SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)
BY MACOM CONTROLLING POST (F)

MARC	F					
FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
High — LE 1.75	66 34.74 46.81 78.57	28 14.74 19.86 65.12	26 13.68 18.44 68.42	8 4.21 5.67 88.89	13 6.84 9.22 81.25	141 74.21
1.76 TO 2.50	15 7.89 33.33 17.86	15 7.89 33.33 34.88	11 5.79 24.44 28.95	1 0.53 2.22 11.11	3 1.58 6.67 18.75	45 23.68
2.51 TO 3.25	2 1.05 66.67 2.38	0 0.00 0.00 0.00	1 0.53 33.33 2.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.58
GT 3.25 — Low	1 0.53 100.00 1.19	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 0.53
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	8.870	DF= 12	PROB=0.7140
PHI	0.216		
CONTINGENCY COEFFICIENT	0.211		
CRAMER'S V	0.125		
LIKELIHOOD RATIO CHISQUARE	10.177	DF= 12	PROB=0.6004

Table 24

PT NCO SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

	MARC / MUFID 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 30.00 40.43 73.08	15 7.89 10.64 78.95	14 7.37 9.93 73.68	24 12.63 17.02 82.76	31 16.32 21.99 68.89	141 74.21
	1.76 TO 2.50	19 10.00 42.22 24.36	4 2.11 8.89 21.05	5 2.63 11.11 26.32	5 2.63 11.11 17.24	12 6.32 26.67 26.67	45 23.68
	2.51 TO 3.25	2 1.05 66.67 2.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 33.33 2.22	3 1.58
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 0.53 100.00 2.22	1 0.53
	TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

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	6.210	DF= 12	PROB=0.9051
PHI	0.181		
CONTINGENCY COEFFICIENT	0.178		
CRAMER'S V	0.104		
LIKELIHOOD RATIO CHISQUARE	6.876	DF= 12	PROB=0.8657

Table 25

PT NCO SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MARC	MIFID					
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	63 33.16 44.68 80.77	23 12.11 16.31 71.88	14 7.37 9.93 77.78	15 7.89 10.64 60.00	26 13.68 18.44 70.27	141 74.21
1.76 TO 2.50	13 6.84 28.89 16.67	7 3.68 15.56 21.88	4 2.11 8.89 22.22	10 5.26 22.22 40.00	11 5.79 24.44 29.73	45 23.68
2.51 TO 3.25	2 1.05 66.67 2.56	1 0.53 33.33 3.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.58
GT 3.25 — Low	0 0.00 0.00 0.00	1 0.53 100.00 3.13	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	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

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	13.492	DF= 12	PROB=0.3343
PHI	0.266		
CONTINGENCY COEFFICIENT	0.257		
CRAMER'S V	0.154		
LIKELIHOOD RATIO CHISQUARE	12.892	DF= 12	PROB=0.3769

Table 26

PT NCO SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MARC	SMFID					
FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
LE 1.75 (High)	65 34.21 46.10 75.58	1 0.53 0.71 100.00	1 0.53 0.71 100.00	1 0.53 0.71 50.00	73 38.42 51.77 73.00	141 74.21
1.76 TO 2.50	19 10.00 42.22 22.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 2.22 50.00	25 13.16 55.56 25.00	45 23.68
2.51 TO 3.25	2 1.05 66.67 2.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 33.33 1.00	3 1.58
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 0.53 100.00 1.00	1 0.53
TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	3.081	DF= 12	PROB=0.9949
PHI	0.127		
CONTINGENCY COEFFICIENT	0.126		
CRAMER'S V	0.074		
LIKELIHOOD RATIO CHISQUARE	3.856	DF= 12	PROB=0.9859

Table 27

PT NCO SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)
BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-156, Q160, & Q172 (MIMPEX)

MARC	MIMPEX			
FREQUENCY PERCENT ROW PCT COL PCT	High		Low	
	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	TOTAL
High — LE 1.75	68 35.79 48.23 73.12	66 34.74 46.81 73.33	7 3.68 4.96 100.00	141 74.21
1.76 TO 2.50	24 12.63 53.33 25.81	21 11.05 46.67 23.33	0 0.00 0.00 0.00	45 23.68
2.51 TO 3.25	0 0.00 0.00 0.00	3 1.58 100.00 3.33	0 0.00 0.00 0.00	3 1.58
Low — GT 3.25	1 0.53 100.00 1.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

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	6.86	DF= 6	PROB=0.3333
PHI	0.190		
CONTINGENCY COEFFICIENT	0.187		
CRAMER'S V	0.134		
LIKELIHOOD RATIO CHISQUARE	9.994	DF= 6	PROB=0.1249

Table 28

PT NCO SAMPLE

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

MARN	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	INTF	RES	FLD	STF	TOTAL
High — LE 1.75	37 19.47 21.26 90.24	72 37.89 41.38 91.14	3 1.58 1.72 75.00	53 27.89 30.46 92.98	9 4.74 5.17 100.00	174 91.58
1.76 TO 2.50	4 2.11 26.67 9.76	6 3.16 40.00 7.59	1 0.53 6.67 25.00	4 2.11 26.67 7.02	0 0.00 0.00 0.00	15 7.89
Low — 2.51 TO 3.25	0 0.00 0.00 0.00	1 0.53 100.00 1.27	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	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	4.054	DF= 8	PROB=0.8522
PHI	0.146		
CONTINGENCY COEFFICIENT	0.145		
CRAMER'S V	0.103		
LIKELIHOOD RATIO CHISQUARE	4.565	DF= 8	PROB=0.8029

Table 29

PT NCO SAMPLE

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

MARN	F					
FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
High — LE 1.75	77 40.53 44.25 91.67	38 20.00 21.84 88.37	37 19.47 21.26 97.37	8 4.21 4.60 88.89	14 7.37 8.05 87.50	174 91.58
1.76 TO 2.50	6 3.16 40.00 7.14	5 2.63 33.33 11.63	1 0.53 6.67 2.63	1 0.53 6.67 11.11	2 1.05 13.33 12.50	15 7.89
Low — 2.51 TO 3.25	1 0.53 100.00 1.19	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 0.53
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	4.186	DF= 8	PROB=0.8400
PHI	0.148		
CONTINGENCY COEFFICIENT	0.147		
CRAMER'S V	0.105		
LIKELIHOOD RATIO CHISQUARE	4.850	DF= 8	PROB=0.7735

Table 30

PT NCO SAMPLE

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

MARN	WTCD		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High — LE 1.75	158 83.16 90.80 91.86	16 8.42 9.20 88.89	174 91.58
1.76 TO 2.50	13 6.84 86.67 7.56	2 1.05 13.33 11.11	15 7.89
2.51 TO 3.25	1 0.53 100.00 0.58	0 0.00 0.00 0.00	1 0.53
Low — TOTAL	172 90.53	18 9.47	190 100.00

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	0.381	DF= 2	PROB=0.8266
PHI	0.045		
CONTINGENCY COEFFICIENT	0.045		
CRAMER'S V	0.045		
LIKELIHOOD RATIO CHISQUARE	0.449	DF= 2	PROB=0.7989

Table 31

PT NCO 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
LE 1.75 (High)	20 10.53 11.49 95.24	22 11.58 12.64 91.67	50 26.32 28.74 98.04	82 43.16 47.13 87.23	174 91.58
1.76 TO 2.50	1 0.53 6.67 4.76	2 1.05 13.33 8.33	1 0.53 6.67 1.96	11 5.79 73.33 11.70	15 7.89
2.51 TO 3.25 (Low)	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 100.00 1.06	1 0.53
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

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	5.746	DF= 6	PROB=0.4523
PHI	0.174		
CONTINGENCY COEFFICIENT	0.171		
CRAMER'S V	0.123		
LIKELIHOOD RATIO CHISQUARE	6.940	DF= 6	PROB=0.3264

Table 32

PT NCO SAMPLE

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

MARN	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High — LE 1.75	135 71.05 77.59 93.75	39 20.53 22.41 84.78	174 91.58
1.76 TO 2.50	9 4.74 60.00 6.25	6 3.16 40.00 13.04	15 7.89
Low — 2.51 TO 3.25	0 0.00 0.00 0.00	1 0.53 100.00 2.17	1 0.53
TOTAL	144 75.79	46 24.21	190 100.00

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	5.475	DF= 2	PROB=0.0647
PHI	0.170		
CONTINGENCY COEFFICIENT	0.167		
CRAMER'S V	0.170		
LIKELIHOOD RATIO CHISQUARE	4.968	DF= 2	PROB=0.0834

Table 33

PT NCO SAMPLE

SCALED ARMY NUTRITION - MEAN OF Q169, Q172, and Q174 (MARN)
BY SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & 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 1.75	143 75.26 82.18 94.70	28 14.74 16.09 82.35	2 1.05 1.15 50.00	1 0.53 0.57 100.00	174 91.58
	1.76 TO 2.50	8 4.21 53.33 5.30	6 3.16 40.00 17.65	1 0.53 6.67 25.00	0 0.00 0.00 0.00	15 7.89
Low	2.51 TO 3.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 100.00 25.00	0 0.00 0.00 0.00	1 0.53
	TOTAL	151 79.47	34 17.89	4 2.11	1 0.53	190 100.00

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	54.687	DF= 6	PROB=0.0001	
PHI	0.536			
CONTINGENCY COEFFICIENT	0.473			
CRAMER'S V	0.379			
LIKELIHOOD RATIO CHISQUARE	14.697	DF= 6	PROB=0.0228	

Table 34

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY TYPE OF UNIT (E)

MIMPEX	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
LE 1.75	21 11.05 22.58 51.22	36 18.95 38.71 45.57	0 0.00 0.00 0.00	34 17.89 36.56 59.65	2 1.05 2.15 22.22	93 48.95
1.76 TO 2.50	19 10.00 21.11 46.34	41 21.58 45.56 51.90	3 1.58 3.33 75.00	21 11.05 23.33 36.84	6 3.16 6.67 66.67	90 47.37
2.51 TO 3.25	1 0.53 14.29 2.44	2 1.05 28.57 2.53	1 0.53 14.29 25.00	2 1.05 28.57 3.51	1 0.53 14.29 11.11	7 3.68
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	14.612	DF=	8	PROB=0.0671
PHI	0.277			
CONTINGENCY COEFFICIENT	0.267			
CRAMER'S V	0.196			
LIKELIHOOD RATIO CHISQUARE	13.521	DF=	8	PROB=0.0951

Table 35

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY MACOM CONTROLLING POST (F)

MIMPEX	F					
FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
High	LE 1.75	41 21.58 44.09 48.81	22 11.58 23.66 51.16	21 11.05 22.58 55.26	3 1.58 3.23 33.33	6 3.16 6.45 37.50	93 48.95
	1.76 TO 2.50	40 21.05 44.44 47.62	18 9.47 20.00 41.86	17 8.95 18.89 44.74	5 2.63 5.56 55.56	10 5.26 11.11 62.50	90 47.37
Low	2.51 TO 3.25	3 1.58 42.86 3.57	3 1.58 42.86 6.98	0 0.00 0.00 0.00	1 0.53 14.29 11.11	0 0.00 0.00 0.00	7 3.68
	TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	7.068	DF= 8	PROB=0.5294
PHI	0.193		
CONTINGENCY COEFFICIENT	0.189		
CRAMER'S V	0.136		
LIKELIHOOD RATIO CHISQUARE	8.331	DF= 8	PROB=0.4018

Table 36

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY SEX (D)

MIMPEX	D		
FREQUENCY PERCENT ROW PCT COL PCT	FEMALE	MALE	TOTAL
High — LE 1.75	11 5.79 11.83 36.67	82 43.16 88.17 51.25	93 48.95
1.76 TO 2.50	18 9.47 20.00 60.00	72 37.89 80.00 45.00	90 47.37
Low — 2.51 TO 3.25	1 0.53 14.29 3.33	6 3.16 85.71 3.75	7 3.68
TOTAL	30 15.79	160 84.21	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.310	DF= 2	PROB=0.3151
PHI	0.110		
CONTINGENCY COEFFICIENT	0.110		
CRAMER'S V	0.110		
LIKELIHOOD RATIO CHISQUARE	2.320	DF= 2	PROB=0.3135

Table 37

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY MOS

MIMPEX	MOS				
FREQUENCY PERCENT ROW PCT COL PCT	MEDICS	NURS SPEC	OTHER PT CARE	NON PT CARE	TOTAL
High — LE 1.75	41 21.58 44.09 64.06	15 7.89 16.13 38.46	14 7.37 15.05 33.33	23 12.11 24.73 51.11	93 48.95
1.76 TO 2.50	22 11.58 24.44 34.38	22 11.58 24.44 56.41	25 13.16 27.78 59.52	21 11.05 23.33 46.67	90 47.37
Low — 2.51 TO 3.25	1 0.53 14.29 1.56	2 1.05 28.57 5.13	3 1.58 42.86 7.14	1 0.53 14.29 2.22	7 3.68
TOTAL	64 33.68	39 20.53	42 22.11	45 23.68	190 100.00

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	12.895	DF= 6	PROB=0.0447
PHI	0.261		
CONTINGENCY COEFFICIENT	0.252		
CRAMER'S V	0.184		
LIKELIHOOD RATIO CHISQUARE	13.009	DF= 6	PROB=0.0429

Table 38

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (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
High	LE 1.75	35 18.42 37.63 44.87	12 6.32 12.90 63.16	10 5.26 10.75 52.63	16 8.42 17.20 55.17	20 10.53 21.51 44.44	93 48.95
	1.76 TO 2.50	39 20.53 43.33 50.00	7 3.68 7.78 36.84	9 4.74 10.00 47.37	12 6.32 13.33 41.38	23 12.11 25.56 51.11	90 47.37
	2.51 TO 3.25	4 2.11 57.14 5.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 14.29 3.45	2 1.05 28.57 4.44	7 3.68
Low	TOTAL	78 41.05	19 10.00	19 10.00	29 13.26	45 23.68	190 100.00

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	4.345	DF=	8	PROB=0.8247
PHI	0.151			
CONTINGENCY COEFFICIENT	0.150			
CRAMER'S V	0.107			
LIKELIHOOD RATIO CHISQUARE	5.670	DF=	8	PROB=0.6841

Table 39

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MI.ID)

MIMPEX	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	31 16.32 33.33 39.74	16 8.42 17.20 50.00	8 4.21 8.60 44.44	17 8.95 18.28 68.00	21 11.05 22.58 56.76	93 48.95
	1.76 TO 2.50	43 22.63 47.78 55.13	15 7.89 16.67 46.88	9 4.74 10.00 50.00	8 4.21 8.89 32.00	15 7.89 16.67 40.54	90 47.37
Low	2.51 TO 3.25	4 2.11 57.14 5.13	1 0.53 14.29 3.13	1 0.53 14.29 5.56	0 0.00 0.00 0.00	1 0.53 14.29 2.70	7 3.68
	TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

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	8.034	DF= 8	PROB=0.4301
PHI	0.206		
CONTINGENCY COEFFICIENT	0.201		
CRAMER'S V	0.145		
LIKELIHOOD RATIO CHISQUARE	8.896	DF= 8	PROB=0.3511

Table 40

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES
INTENSITY TIMES DURATION (SMFID)

MIMPEX	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	39 20.53 41.94 45.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	54 28.42 58.06 54.00	93 48.95
	1.76 TO 2.50	43 22.63 47.78 50.00	1 0.53 1.11 100.00	1 0.53 1.11 100.00	2 1.05 2.22 100.00	43 22.63 47.78 43.00	90 47.37
	2.51 TO 3.25	4 2.11 57.14 4.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.58 42.86 3.00	7 3.68
Low	TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	6.067	DF= 8	PROB=0.6397
PHI	0.179		
CONTINGENCY COEFFICIENT	0.176		
CRAMER'S V	0.126		
LIKELIHOOD RATIO CHISQUARE	7.592	DF= 8	PROB=0.4743

Table 41

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

	MIMPEX / PTCODE	.	PASSED	FAILED	TOTAL
High	LE 1.75	9	56 32.56 66.67 47.86	28 16.28 33.33 50.91	84 48.84
	1.76 TO 2.50	7	57 33.14 68.67 48.72	26 15.12 31.33 47.27	83 48.26
Low	2.51 TO 3.25	2	4 2.33 80.00 3.42	1 0.58 20.00 1.82	5 2.91
	TOTAL		117 68.02	55 31.98	172 100.00

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	0.417	DF= 2	PROB=0.8118
PHI	0.049		
CONTINGENCY COEFFICIENT	0.049		
CRAMER'S V	0.049		
LIKELIHOOD RATIO CHISQUARE	0.446	DF= 2	PROB=0.8002

Table 42

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q156, Q160, & Q172 (MIMPEX)
BY SCALED APRT SCORE (PTRSLTS)

MIMPEX / PTRSLTS	LE 179	180 TO 200	201 TO 240	241 TO 260	261 TO 300	TOTAL
LF 1.75 (High)	31	9	29	9	15	93
	16.32	4.74	15.26	4.74	7.89	48.95
	33.33	9.68	31.18	9.68	16.13	
	50.00	30.00	46.77	56.25	75.00	
1.76 TO 2.50	29	19	30	7	5	90
	15.26	10.00	15.79	3.68	2.63	47.37
	32.22	21.11	33.33	7.78	5.56	
	46.77	63.33	48.39	43.75	25.00	
2.51 TO 3.25 (Low)	2	2	3	0	0	7
	1.05	1.05	1.58	0.00	0.00	3.68
	28.57	28.57	42.86	0.00	0.00	
	3.23	6.67	4.84	0.00	0.00	
TOTAL	62	30	62	16	20	190
	32.63	15.79	32.63	8.42	10.53	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	11.321	DF= 8	PROB=0.1841
PHI	0.244		
CONTINGENCY COEFFICIENT	0.237		
CRAMER'S V	0.173		
LIKELIHOOD RATIO CHISQUARE	12.733	DF= 8	PROB=0.1214

Table 43

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - mean of Q149-Q156, Q160, & Q172 (MIMPEX)
BY SMOKING REPORTED IN Q96 to Q99 (SMOKE)

MIMPEX	SMOKE		
FREQUENCY PERCENT ROW PCT COL PCT	NONE	PRESENT	TOTAL
High — LE 1.75	57 30.00 61.29 55.88	36 18.95 38.71 40.91	93 48.95
1.76 TO 2.50	43 22.63 47.78 42.16	47 24.74 52.22 53.41	90 47.37
2.51 TO 3.25 — Low	2 1.05 28.57 1.96	5 2.63 71.43 5.68	7 3.68
TOTAL	102 53.68	88 46.32	190 100.00

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	5.202	DF= 2	PROB=0.0742
PHI	0.165		
CONTINGENCY COEFFICIENT	0.163		
CRAMER'S V	0.165		
LIKELIHOOD RATIO CHISQUARE	5.257	DF= 2	PROB=0.0722

Table 44

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MWTAW	FREQUENCY / PERCENT / ROW PCT / COL PCT	MUFID Low: LE 19	20 TO 39	40 TO 59	60 TO 79	High: 80 TO 100	TOTAL
High	LE 1.75	61 32.11 40.40 78.21	15 7.89 9.93 78.95	17 8.95 11.26 89.47	24 12.63 15.89 82.76	34 17.89 22.52 75.56	151 79.47
	1.76 TO 2.50	15 7.89 44.12 19.23	2 1.05 5.88 10.53	1 0.53 2.94 5.26	5 2.63 14.71 17.24	11 5.79 32.35 24.44	34 17.89
	2.51 TO 3.25	2 1.05 50.00 2.56	1 0.53 25.00 5.26	1 0.53 25.00 5.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.11
Low	GT 3.25	0 0.00 0.00 0.00	1 0.53 100.00 5.26	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	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

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	16.252	DF= 12	PROB=0.1800
PHI	0.292		
CONTINGENCY COEFFICIENT	0.281		
CRAMER'S V	0.169		
LIKELIHOOD RATIO CHISQUARE	13.512	DF= 12	PROB=0.3329

Table 45

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MWTAW	MIFID	Low			High		
	FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 10 0	TOTAL
High	LE 1.75	64 33.68 42.38 82.05	23 12.11 15.23 71.88	17 8.95 11.26 94.44	20 10.53 13.25 80.00	27 14.21 17.88 72.97	151 79.47
	1.76 TO 2.50	12 6.32 35.29 15.38	7 3.68 20.59 21.88	1 0.53 2.94 5.56	5 2.63 14.71 20.00	9 4.74 26.47 24.32	34 17.89
	2.51 TO 3.25	2 1.05 50.00 2.56	1 0.53 25.00 3.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 25.00 2.70	4 2.11
	GT 3.25	0 0.00 0.00 0.00	1 0.53 100.00 3.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
Low	TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

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	10.151	DF= 12	PROB=0.6027
PHI	0.231		
CONTINGENCY COEFFICIENT	0.225		
CRAMER'S V	0.133		
LIKELIHOOD RATIO CHISQUARE	10.110	DF= 12	PROB=0.6063

Table 46

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES
INTENSITY TIMES DURATION (SMFID)

MWTAW	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	67 35.26 44.37 77.91	1 0.53 0.66 100.00	1 0.53 0.66 100.00	1 0.53 0.66 50.00	81 42.63 53.64 81.00	151 79.47
	1.76 TO 2.50	17 8.95 50.00 19.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 2.94 50.00	16 8.42 47.06 16.00	34 17.89
	2.51 TO 3.25	2 1.05 50.00 2.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.05 50.00 2.00	4 2.11
	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 0.53 100.00 1.00	1 0.53
Low	TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	3.269	DF= 12	PROB=0.9933	
PHI	0.131			
CONTINGENCY COEFFICIENT	0.130			
CRAMER'S V	0.076			
LIKELIHOOD RATIO CHISQUARE	3.740	DF= 12	PROB=0.9877	

Table 47

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

	MWTAW / PTCODE	.	PASSED	FAILED	TOTAL
High	LE 1.75	13	94	44	138
			54.65	25.58	80.23
			68.12	31.88	
			80.34	80.00	
	1.76 TO 2.50	4	20	10	30
			11.63	5.81	17.44
			66.67	33.33	
			17.09	18.18	
	2.51 TO 3.25	1	2	1	3
			1.16	0.58	1.74
			66.67	33.33	
			1.71	1.82	
	GT 3.25	0	1	0	1
			0.58	0.00	0.58
			100.00	0.00	
Low			0.85	0.00	
	TOTAL		117	55	172
			68.02	31.98	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	0.499	DF= 3	PROB=0.9192
PHI	0.054		
CONTINGENCY COEFFICIENT	0.054		
CRAMER'S V	0.054		
LIKELIHOOD RATIO CHISQUARE	0.799	DF= 3	PROB=0.8497

Table 48

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SCALED APRT SCORE (PTRSLTS)

MWTAW	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	48 25.26 31.79 77.42	23 12.11 15.23 76.67	50 26.32 33.11 80.65	12 6.32 7.95 75.00	18 9.47 11.92 90.00	151 79.47
1.76 TO 2.50	12 6.32 35.29 19.35	7 3.68 20.59 23.33	10 5.26 29.41 16.13	3 1.58 8.82 18.75	2 1.05 5.88 10.00	34 17.89
2.51 TO 3.25	2 1.05 50.00 3.23	0 0.00 0.00 0.00	1 0.53 25.00 1.61	1 0.53 25.00 6.25	0 0.00 0.00 0.00	4 2.11
Low GT 3.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 100.00 1.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	6.637	DF= 12	PROB=0.8806
PHI	0.187		
CONTINGENCY COEFFICIENT	0.184		
CRAMER'S V	0.108		
LIKELIHOOD RATIO CHISQUARE	7.445	DF= 12	PROB=0.8269

Table 49

PT NCO SAMPLE

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

SMOKE	CM				
FREQUENCY PERCENT ROW PCT COL PCT	.	21 TO 29	31 TO 39	40 AND MORE	TOTAL
NONE	1	19 10.05 18.81 57.58	78 41.27 77.23 54.17	4 2.12 3.96 33.33	101 53.44
PRESENT	0	14 7.41 15.91 42.42	66 34.92 75.00 45.83	8 4.23 9.09 66.67	88 46.56
TOTAL		33 17.46	144 76.19	12 6.35	189 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.207	DF= 2	PROB=0.3317	
PHI	0.108			
CONTINGENCY COEFFICIENT	0.107			
CRAMER'S V	0.108			
LIKELIHOOD RATIO CHISQUARE	2.226	DF= 2	PROB=0.3286	

Table 50

PT NCO 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	25 13.16 24.51 60.98	45 23.68 44.12 56.96	3 1.58 2.94 75.00	26 13.68 25.49 45.61	3 1.58 2.94 33.33	102 53.68
PRESENT	16 8.42 18.18 39.02	34 17.89 38.64 43.04	1 0.53 1.14 25.00	31 16.32 35.23 54.39	6 3.16 6.82 66.67	88 46.32
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	4.941	DF=	4	PROB=0.2934
PHI	0.161			
CONTINGENCY COEFFICIENT	0.159			
CRAMER'S V	0.161			
LIKELIHOOD RATIO CHISQUARE	5.001	DF=	4	PROB=0.2872

Table 51

PT NCO SAMPLE

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

SMOKE F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
NONE	41 21.58 40.20 48.81	25 13.16 24.51 58.14	20 10.53 19.61 52.63	5 2.63 4.90 55.56	11 5.79 10.78 68.75	102 53.68
PRESENT	43 22.63 48.86 51.19	18 9.47 20.45 41.86	18 9.47 20.45 47.37	4 2.11 4.55 44.44	5 2.63 5.68 31.25	88 46.32
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.636	DF=	4	PROB=0.6204
PHI	0.118			
CONTINGENCY COEFFICIENT	0.117			
CRAMER'S V	0.118			
LIKELIHOOD RATIO CHISQUARE	2.682	DF=	4	PROB=0.6123

Table 52

PT NCO 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 0.00
PRESENT	8 9.09 9.09 100.00	80 90.91 90.91 100.00	88 100.00
TOTAL	8 9.09	80 90.91	88 100.00

Table 53

PT NCO 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	22 21.57 21.57 100.00	80 78.43 78.43 100.00	102 100.00
PRESENT	0 . . .	0 . . .	0 0.00
TOTAL	22 21.57	80 78.43	102 100.00

Table 54

PT NCO SAMPLE

SMOKING REPORTED IN Q96 to Q99 (SMOKE)
BY MOS

SMOKE	MOS				
FREQUENCY PERCENT ROW PCT COL PCT	MEDICS	NURS SPEC	OTHER PT CARE	NON PT CARE	TOTAL
NONE	38 20.00 37.25 59.38	21 11.05 20.59 53.85	21 11.05 20.59 50.00	22 11.58 21.57 48.89	102 53.68
PRESENT	26 13.68 29.55 40.63	18 9.47 20.45 46.15	21 11.05 23.86 50.00	23 12.11 26.14 51.11	88 46.32
TOTAL	64 33.68	39 20.53	42 22.11	45 23.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.479	DF= 3	PROB=0.6870
PHI	0.088		
CONTINGENCY COEFFICIENT	0.088		
CRAMER'S V	0.088		
LIKELIHOOD RATIO CHISQUARE	1.484	DF= 3	PROB=0.6859

Table 55

PT NCO SAMPLE

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

SMOKE	MIFID					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 10 0	TOTAL
NONE	39 20.53 38.24 50.00	18 9.47 17.65 56.25	6 3.16 5.88 33.33	16 8.42 15.69 64.00	23 12.11 22.55 62.16	102 53.68
PRESENT	39 20.53 44.32 50.00	14 7.37 15.91 43.75	12 6.32 13.64 66.67	9 4.74 10.23 36.00	14 7.37 15.91 37.84	88 46.32
TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.648	DF= 4	PROB=0.2270
PHI	0.172		
CONTINGENCY COEFFICIENT	0.170		
CRAMER'S V	0.172		
LIKELIHOOD RATIO CHISQUARE	5.705	DF= 4	PROB=0.2223

Table 56

PT NCO SAMPLE

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

SMOKE / SMFID	Low				High	
FREQUENCY PERCENT ROW PCT COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
NONE	50 26.32 49.02 58.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 0.98 50.00	51 26.84 50.00 51.00	102 53.68
PRESENT	36 18.95 40.91 41.86	1 0.53 1.14 100.00	1 0.53 1.14 100.00	1 0.53 1.14 50.00	49 25.79 55.68 49.00	88 46.32
TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	3.305	DF= 4	PROB=0.5081
PHI	0.132		
CONTINGENCY COEFFICIENT	0.131		
CRAMER'S V	0.132		
LIKELIHOOD RATIO CHISQUARE	4.069	DF= 4	PROB=0.3967

Table 57

PT NCO SAMPLE

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

SMOKE	PTCODE		
FREQUENCY / PERCENT / ROW PCT / COL PCT	.	PASSED	FAILED	TOTAL
NONE	8	66	28	94
		38.37	16.28	54.65
		70.21	29.79	
		56.41	50.91	
PRESENT	10	51	27	78
		29.65	15.70	45.35
		65.38	34.62	
		43.59	49.09	
TOTAL		117	55	172
		68.02	31.98	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.457	DF=	1	PROB=0.4991
PHI	0.052			
CONTINGENCY COEFFICIENT	0.051			
CRAMER'S V	0.052			
LIKELIHOOD RATIO CHISQUARE	0.456	DF=	1	PROB=0.4995
CONTINUITY ADJ. CHI-SQUARE	0.262	DF=	1	PROB=0.6089
FISHER'S EXACT TEST (1-TAIL)				PROB=0.3041
(2-TAIL)				PROB=0.5156

Table 58

PT NCO 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	28 14.74 27.45 45.16	9 4.74 8.82 30.00	41 21.58 40.20 66.13	11 5.79 10.78 68.75	13 6.84 12.75 65.00	102 53.68
PRESENT	34 17.89 38.64 54.84	21 11.05 23.86 70.00	21 11.05 23.86 33.87	5 2.63 5.68 31.25	7 3.68 7.95 35.00	88 46.32
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	14.932	DF=	4	PROB=0.0048
PHI	0.280			
CONTINGENCY COEFFICIENT	0.270			
CRAMER'S V	0.280			
LIKELIHOOD RATIO CHISQUARE	15.188	DF=	4	PROB=0.0043

Table 59

PT NCO SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)

SMOKE	MIMPEX			
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.75	1.76 TO 2.50	Low 2.51 TO 3.25	TOTAL
NONE	57 30.00 55.88 61.29	43 22.63 42.16 47.78	2 1.05 1.96 28.57	102 53.68
PRESENT	36 18.95 40.91 38.71	47 24.74 53.41 52.22	5 2.63 5.68 71.43	88 46.32
TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

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	5.202	DF=	2	PROB=0.0742
PHI	0.165			
CONTINGENCY COEFFICIENT	0.163			
CRAMER'S V	0.165			
LIKELIHOOD RATIO CHISQUARE	5.257	DF=	2	PROB=0.0722

Table 60

PT NCO SAMPLE

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

PTCODE D

FREQUENCY / PERCENT / ROW PCT / COL PCT	FEMALE	MALE	TOTAL
.	2	16	.
	.	.	.
	.	.	
	.	.	
PASSED	21	96	117
	12.21	55.81	68.02
	17.95	82.05	
	75.00	66.67	
FAILED	7	48	55
	4.07	27.91	31.98
	12.73	87.27	
	25.00	33.33	
TOTAL	28	144	172
	16.28	83.72	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.748	DF= 1	PROB=0.3870
PHI	0.066		
CONTINGENCY COEFFICIENT	0.066		
CRAMER'S V	0.066		
LIKELIHOOD RATIO CHISQUARE	0.776	DF= 1	PROB=0.3784
CONTINUITY ADJ. CHI-SQUARE	0.414	DF= 1	PROB=0.5198
FISHER'S EXACT TEST (1-TAIL)			PROB=0.2638
(2-TAIL)			PROB=0.5077

Table 61

PT NCO SAMPLE

QUESTION 76 BY TYPE OF UNIT (E)

Q76	E					
FREQUENCY / PERCENT / ROW PCT / COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
1	5 2.63 26.32 12.20	6 3.16 31.58 7.59	0 0.00 0.00 0.00	8 4.21 42.11 14.04	0 0.00 0.00 0.00	19 10.00
2	5 2.63 29.4 12.2	6 3.16 35.29 7.59	0 0.00 0.00 0.00	4 2.11 23.53 7.02	2 1.05 11.76 22.22	17 8.95
3	6 3.16 16.67 14.63	14 7.37 38.89 17.72	2 1.05 5.56 50.00	13 6.84 36.11 22.81	1 0.53 2.78 11.11	36 18.95
4	16 8.42 22.86 39.02	23 12.11 32.86 29.11	1 0.53 1.43 25.00	27 14.21 38.57 47.37	3 1.58 4.29 33.33	70 36.84
6	9 4.74 18.75 21.95	30 15.79 62.50 37.97	1 0.53 2.08 25.00	5 2.63 10.42 8.77	3 1.58 6.25 33.33	48 25.26
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	23.965	DF=	16	PROB=0.0903
PHI	0.355			
CONTINGENCY COEFFICIENT	0.335			
CRAMER'S V	0.178			
LIKELIHOOD RATIO CHISQUARE	25.791	DF=	16	PROB=0.0570

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

(1) Always	19
(2) Often	17
(3) Seldom	36
(4) Never	70

Table 62

PT NCO SAMPLE

QUESTION 81 by TYPE OF UNIT (E)

Q81	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
.	26 . . .	54 . . .	0 . . .	38 . . .	4 . . .	. .
1	6 8.82 26.09 40.00	8 11.76 34.78 32.00	0 0.00 0.00 0.00	6 8.82 26.09 31.58	3 4.41 13.04 60.00	23 33.82
2	2 2.94 13.33 13.33	5 7.35 33.33 20.00	1 1.47 6.67 25.00	6 8.82 40.00 31.58	1 1.47 6.67 20.00	15 22.06
3	7 10.29 23.33 46.67	12 17.65 40.00 48.00	3 4.41 10.00 75.00	7 10.29 23.33 36.84	1 1.47 3.33 20.00	30 44.12
TOTAL	15 22.06	25 36.76	4 5.88	19 27.94	5 7.35	68 100.00

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	5.819	DF=	8	PROB=0.6675
PHI	0.293			
CONTINGENCY COEFFICIENT	0.281			
CRAMER'S V	0.207			
LIKELIHOOD RATIO CHISQUARE	6.996	DF=	8	PROB=0.5370

81. If PT sessions were not mandatory at my unit, I was allowed time for exercise during normal duty hours.

(1) Always	23
(2) Often	15
(3) Seldom	30
(4) Never	0
(5) N/A - Sessions were mandatory	0

Table 63

PT NCO SAMPLE

QUESTION 81 by MACOM CONTROLLING POST (F)

Q81 F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
.	53	32	24	4	9	.
	.	.	.	.	.	.
	.	.	.	.	.	
	.	.	.	.	.	
1	13	3	5	0	2	23
	19.12	4.41	7.35	0.00	2.94	33.82
	56.52	13.04	21.74	0.00	8.70	
	41.94	27.27	35.71	0.00	28.57	
2	8	2	2	2	1	15
	11.76	2.94	2.94	2.94	1.47	22.06
	53.33	13.33	13.33	13.33	6.67	
	25.81	18.18	14.29	40.00	14.29	
3	10	6	7	3	4	30
	14.71	8.82	10.29	4.41	5.88	44.12
	33.33	20.00	23.33	10.00	13.33	
	32.26	54.55	50.00	60.00	57.14	
TOTAL	31	11	14	5	7	68
	45.59	16.18	20.59	7.35	10.29	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	6.007	DF=	8	PROB=0.6464
PHI	0.297			
CONTINGENCY COEFFICIENT	0.285			
CRAMER'S V	0.210			
LIKELIHOOD RATIO CHISQUARE	7.629	DF=	8	PROB=0.4705

81. If PT sessions were not mandatory at my unit, I was allowed time for exercise during normal duty hours.

(1) Always	23
(2) Often	15
(3) Seldom	30
(4) Never	0
(5) N/A - Sessions were mandatory	0

Table 64

PT NCO SAMPLE

QUESTION 82 by TYPE OF UNIT (E)

Q82 E

FREQUENCY / PERCENT / ROW PCT / COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
.	3 . . .	3 . . .	0 . . .	2 . . .	1 . . .	.
1	15 8.29 20.55 39.47	45 24.86 61.64 59.21	0 0.00 0.00 0.00	12 6.63 16.44 21.82	1 0.55 1.37 12.50	73 40.33
2	12 6.63 24.49 31.58	17 9.39 34.69 22.37	3 1.66 6.12 75.00	14 7.73 28.57 25.45	3 1.66 6.12 37.50	49 27.07
3	3 1.66 12.00 7.89	7 3.87 28.00 9.21	0 0.00 0.00 0.00	14 7.73 56.00 25.45	1 0.55 4.00 12.50	25 13.81
4	8 4.42 23.53 21.05	7 3.87 20.59 9.21	1 0.55 2.94 25.00	15 8.29 44.12 27.27	3 1.66 8.82 37.50	34 18.78
TOTAL	38 20.99	76 41.99	4 2.21	55 30.39	8 4.42	181 100.00

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	34.806	DF= 12	PROB=0.0005	
PHI	0.439			
CONTINGENCY COEFFICIENT	0.402			
CRAMER'S V	0.253			
LIKELIHOOD RATIO CHISQUARE	36.016	DF= 12	PROB=0.0003	

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

(1) Always	73
(2) Often	49
(3) Seldom	25
(4) Never	34

Table 65

PT NCO SAMPLE

QUESTION 87 by MACOM CONTROLLING POST (F)

Q87 F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
.	12	11	6	1	1	.
1	34 21.38 41.46 47.22	15 9.43 18.29 46.88	20 12.58 24.39 62.50	5 3.14 6.10 62.50	8 5.03 9.76 53.33	82 51.57
2	15 9.43 50.00 20.83	5 3.14 16.67 15.63	5 3.14 16.67 15.63	2 1.26 6.67 25.00	3 1.89 10.00 20.00	30 18.87
3	8 5.03 40.00 11.11	5 3.14 25.00 15.63	3 1.89 15.00 9.38	1 0.63 5.00 12.50	3 1.89 15.00 20.00	20 12.58
4	15 9.43 55.56 20.83	7 4.40 25.93 21.88	4 2.52 14.81 12.50	0 0.00 0.00 0.00	1 0.63 3.70 6.67	27 16.98
TOTAL	72 45.28	32 20.13	32 20.13	8 5.03	15 9.43	159 100.00

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	7.045	DF= 12	PROB=0.8547
PHI	0.210		
CONTINGENCY COEFFICIENT	0.206		
CRAMER'S V	0.122		
LIKELIHOOD RATIO CHISQUARE	8.513	DF= 12	PROB=0.7438

87. There were adequate, conveniently located, shower facilities available to me after PT.

(1) Always	82
(2) Often	30
(3) Seldom	20
(4) Never	27
(5) N/A - No PT	0

FACILTIES AND FITNESS

Tables 66 to 100

Table 66

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)
BY TYPE OF UNIT (E)

MFACIN	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
High — LE 1.75	30 15.79 25.00 73.17	48 25.26 40.00 60.76	4 2.11 3.33 100.00	31 16.32 25.83 54.39	7 3.68 5.83 77.78	120 63.16
1.76 TO 2.50	9 4.74 16.98 21.95	23 12.11 43.40 29.11	0 0.00 0.00 0.00	19 10.00 35.85 33.33	2 1.05 3.77 22.22	53 27.89
2.51 TO 3.25	1 0.53 8.33 2.44	7 3.68 58.33 8.86	0 0.00 0.00 0.00	4 2.11 33.33 7.02	0 0.00 0.00 0.00	12 6.32
GT 3.25 — Low	1 0.53 20.00 2.44	1 0.53 20.00 1.27	0 0.00 0.00 0.00	3 1.58 60.00 5.26	0 0.00 0.00 0.00	5 2.63
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	10.026	DF= 12	PROB=0.6137
PHI	0.230		
CONTINGENCY COEFFICIENT	0.224		
CRAMER'S V	0.133		
LIKELIHOOD RATIO CHISQUARE	12.170	DF= 12	PROB=0.4321

Table 67

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)
BY MACOM CONTROLLING POST (F)

	MFACIN	F					
	FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
High	LE 1.75	59 31.05 49.17 70.24	22 11.58 18.33 51.16	19 10.00 15.83 50.00	9 4.74 7.50 100.00	11 5.79 9.17 68.75	120 63.16
	1.76 TO 2.50	18 9.47 33.96 21.43	16 8.42 30.19 37.21	14 7.37 26.42 36.84	0 0.00 0.00 0.00	5 2.63 9.43 31.25	53 27.89
	2.51 TO 3.25	4 2.11 33.33 4.76	4 2.11 33.33 9.30	4 2.11 33.33 10.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 6.32
Low	GT 3.25	3 1.58 60.00 3.57	1 0.53 20.00 2.33	1 0.53 20.00 2.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 2.63
	TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	15.493	DF= 12	PROB=0.2156
PHI	0.286		
CONTINGENCY COEFFICIENT	0.275		
CRAMER'S V	0.165		
LIKELIHOOD RATIO CHISQUARE	19.693	DF= 12	PROB=0.0731

Table 68

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MUFID)

MFACIN	FREQUENCY / PERCENT / ROW PCT / COL PCT	MUFID Low: LE 19	20 TO 39	40 TO 59	60 TO 79	MUFID High: 80 TO 100	TOTAL
High	LE 1.75	59 31.05 49.17 75.64	11 5.79 9.17 57.89	7 3.68 5.83 36.84	19 10.00 15.83 65.52	24 12.63 20.00 53.33	120 63.16
	1.76 TO 2.50	14 7.37 26.42 17.95	6 3.16 11.32 31.58	9 4.74 16.98 47.37	7 3.68 13.21 24.14	17 8.95 32.08 37.78	53 27.89
	2.51 TO 3.25	4 2.11 33.33 5.13	1 0.53 8.33 5.26	3 1.58 25.00 15.79	2 1.05 16.67 6.90	2 1.05 16.67 4.44	12 6.32
	GT 3.25	1 0.53 20.00 1.28	1 0.53 20.00 5.26	0 0.00 0.00 0.00	1 0.53 20.00 3.45	2 1.05 40.00 4.44	5 2.63
Low	TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

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	17.316	DF= 12	PROB=0.1381
PHI	0.302		
CONTINGENCY COEFFICIENT	0.289		
CRAMER'S V	0.174		
LIKELIHOOD RATIO CHISQUARE	17.059	DF= 12	PROB=0.147+

Table 69

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MFACIN	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	55 28.95 45.83 70.51	16 8.42 13.33 50.00	12 6.32 10.00 66.67	12 6.32 10.00 48.00	25 13.16 20.83 67.57	120 63.16
	1.76 TO 2.50	15 7.89 28.30 19.23	14 7.37 26.42 43.75	3 1.58 5.66 16.67	11 5.79 20.75 44.00	10 5.26 18.87 27.03	53 27.89
	2.51 TO 3.25	5 2.63 41.67 6.41	2 1.05 16.67 6.25	2 1.05 16.67 11.11	2 1.05 16.67 8.00	1 0.53 8.33 2.70	12 6.32
Low	GT 3.25	3 1.58 60.00 3.85	0 0.00 0.00 0.00	1 0.53 20.00 5.56	0 0.00 0.00 0.00	1 0.53 20.00 2.70	5 2.63
	TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

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	14.791	DF= 12	PROB=0.2531
PHI	0.279		
CONTINGENCY COEFFICIENT	0.269		
CRAMER'S V	0.161		
LIKELIHOOD RATIO CHISQUARE	15.914	DF= 12	PROB=0.1952

Table 70

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (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	57 30.00 47.50 66.28	1 0.53 0.83 100.00	1 0.53 0.83 100.00	2 1.05 1.67 100.00	59 31.05 49.17 59.00	120 63.16
	1.76 TO 2.50	21 11.05 39.62 24.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	32 16.84 60.38 32.00	53 27.89
	2.51 TO 3.25	5 2.63 41.67 5.81	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 3.68 58.33 7.00	12 6.32
Low	GT 3.25	3 1.58 60.00 3.49	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.05 40.00 2.00	5 2.63
	TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	4.216	DF= 12	PROB=0.9792
PHI	0.149		
CONTINGENCY COEFFICIENT	0.147		
CRAMER'S V	0.086		
LIKELIHOOD RATIO CHI-SQUARE	5.542	DF= 12	PROB=0.9374

Table 71

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (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	12	69 40.12 63.89 58.97	39 22.67 36.11 70.91	108 62.79
1.76 TO 2.50	4	36 20.93 73.47 30.77	13 7.56 26.53 23.64	49 28.49
2.51 TO 3.25	2	9 5.23 90.00 7.69	1 0.58 10.00 1.82	10 5.81
GT 3.25 Low	0	3 1.74 60.00 2.56	2 1.16 40.00 3.64	5 2.91
TOTAL		117 68.02	55 31.98	172 100.00

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	3.885	DF= 3	PROB=0.2741
PHI	0.150		
CONTINGENCY COEFFICIENT	0.149		
CRAMER'S V	0.150		
LIKELIHOOD RATIO CHISQUARE	4.379	DF= 3	PROB=0.2234

Table 72

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (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	42 22.11 35.00 67.74	20 10.53 16.67 66.67	38 20.00 31.67 61.29	8 4.21 6.67 50.00	12 6.32 10.00 60.00	120 63.16
	1.76 .. 2.50	15 7.89 28.30 24.19	4 2.11 7.55 13.33	21 11.05 39.62 33.87	7 3.68 13.21 43.75	6 3.16 11.32 30.00	53 27.89
	2.51 TO 3.25	4 2.11 33.33 6.45	3 1.58 25.00 10.00	2 1.05 16.67 3.23	1 0.53 8.33 6.25	2 1.05 16.67 10.00	12 6.32
Low	GT 3.25	1 0.53 20.00 1.61	3 1.58 60.00 10.00	1 0.53 20.00 1.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 2.63
	TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	15.261	DF= 12	PROB=0.2275
PHI	0.283		
CONTINGENCY COEFFICIENT	0.273		
CRAMER'S V	0.164		
LIKELIHOOD RATIO CHISQUARE	14.058	DF= 12	PROB=0.2970

Table 73

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)
SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)

MFACIN	MIMPEX	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	54 28.42 45.00 58.06	60 31.58 50.00 66.67	6 3.16 5.00 85.71	120 63.16
	1.76 TO 2.50	29 15.26 54.72 31.18	24 12.63 45.28 26.67	0 0.00 0.00 0.00	53 27.89
	2.51 TO 3.25	6 3.16 50.00 6.45	5 2.63 41.67 5.56	1 0.53 8.33 14.29	12 6.32
Low	GT 3.25	4 2.11 80.00 4.30	1 0.53 20.00 1.11	0 0.00 0.00 0.00	5 2.63
	TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

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	6.232	DF= 6	PROB=0.3977
PHI	0.181		
CONTINGENCY COEFFICIENT	0.178		
CRAMER'S V	0.128		
LIKELIHOOD RATIO CHISQUARE	8.184	DF= 6	PROB=0.2249

Table 74

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)
BY TYPE OF UNIT (E)

	MFACOUT	E					
	FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
High	LE 1.75	35 18.42 25.36 85.37	56 29.47 40.58 70.89	2 1.05 1.45 50.00	41 21.58 29.71 71.93	4 2.11 2.90 44.44	138 72.63
	1.76 TO 2.50	6 3.16 15.79 14.63	14 7.37 36.84 17.72	0 0.00 0.00 0.00	13 6.84 34.21 22.81	5 2.63 13.16 55.56	38 20.00
	2.51 TO 3.25	0 0.00 0.00 0.00	8 4.21 61.54 10.13	2 1.05 15.38 50.00	3 1.58 23.08 5.26	0 0.00 0.00 0.00	13 6.84
Low	GT 3.25	0 0.00 0.00 0.00	1 0.53 100.00 1.27	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	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	26.896	DF= 12	PROB=0.0080
PHI	0.376		
CONTINGENCY COEFFICIENT	0.352		
CRAMER'S V	0.217		
LIKELIHOOD RATIO CHISQUARE	23.271	DF= 12	PROB=0.0255

Table 75

PT NCO SAMPLE

SCALED RATING OF OUTDOOR F. JILITIES - MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)
BY MACOM CONTROLLING POST (F)

	MFACOUT F FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
High	LE 1.75	71 37.37 51.45 84.52	27 14.21 19.57 62.79	24 12.63 17.39 63.16	6 3.16 4.35 66.67	10 5.26 7.25 62.50	138 72.63
	1.76 TO 2.50	9 4.74 23.68 10.71	13 6.84 34.21 30.23	10 5.26 26.32 26.32	1 0.53 2.63 11.11	5 2.63 13.16 31.25	38 20.00
	2.51 TO 3.25	3 1.58 23.08 3.57	3 1.58 23.08 6.98	4 2.11 30.77 10.53	2 1.05 15.38 22.22	1 0.53 7.69 6.25	13 6.84
Low	GT 3.25	1 0.53 100.00 1.19	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 0.53
	TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	17.397	DF= 12	PROB=0.1353
PHI	0.303		
CONTINGENCY COEFFICIENT	0.290		
CRAMER'S V	0.175		
LIKELIHOOD RATIO CHISQUARE	17.038	DF= 12	PROB=0.1482

Table 76

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7 Q11, Q14, & Q27 (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	60 31.58 43.48 76.92	7 3.68 5.07 36.84	14 7.37 10.14 73.68	20 10.53 14.49 68.97	37 19.47 26.81 82.22	138 72.63
	1.76 TO 2.50	12 6.32 31.58 15.38	7 3.68 18.42 36.84	4 2.11 10.53 21.05	7 3.68 18.42 24.14	8 4.21 21.05 17.78	38 20.00
	2.51 TO 3.25	5 2.63 38.46 6.41	5 2.63 38.46 26.32	1 0.53 7.69 5.26	2 1.05 15.38 6.90	0 0.00 0.00 0.00	13 6.84
Low	GT 3.25	1 0.53 100.00 1.28	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 0.53
	TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

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	23.207	DF= 12	PROB=0.0260
PHI	0.349		
CONTINGENCY COEFFICIENT	0.330		
CRAMER'S V	0.202		
LIKELIHOOD RATIO CHISQUARE	22.416	DF= 12	PROB=0.0331

Table 77

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MFACOUT	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	61 32.11 44.20 78.21	23 12.11 16.67 71.88	12 6.32 8.70 66.67	14 7.37 10.14 56.00	28 14.74 20.29 75.68	138 72.63
1.76 TO 2.50	10 5.26 26.32 12.82	9 4.74 23.68 28.13	4 2.11 10.53 22.22	9 4.74 23.68 36.00	6 3.16 15.79 16.22	38 20.00
2.51 TO 3.25	7 3.68 53.85 8.97	0 0.00 0.00 0.00	2 1.05 15.38 11.11	2 1.05 15.38 8.00	2 1.05 15.38 5.41	13 6.84
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 0.53 100.00 2.70	1 0.53
TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

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	15.482	DF= 12	PROB=0.2161
PHI	0.285		
CONTINGENCY COEFFICIENT	0.274		
CRAMER'S V	0.165		
LIKELIHOOD RATIO CHISQUARE	16.341	DF= 12	PROB=0.1761

Table 78

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (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 10 0	TOTAL
High	LE 1.75	65 34.21 47.10 75.58	1 0.53 0.72 100.00	1 0.53 0.72 100.00	2 1.05 1.45 100.00	69 36.32 50.00 69.00	138 72.63
	1.76 TO 2.50	14 7.37 36.84 16.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24 12.63 63.16 24.00	38 20.00
	2.51 TO 3.25	6 3.16 46.15 6.98	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 3.68 53.85 7.00	13 6.84
Low	GT 3.25	1 0.53 100.00 1.16	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 0.53
	TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	4.381	DF= 12	PROB=0.9755
PHI	0.152		
CONTINGENCY COEFFICIENT	0.150		
CRAMER'S V	0.088		
LIKELIHOOD RATIO CHISQUARE	5.781	DF= 12	PROB=0.9267

Table 79

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)
BY PASSED OR FAILED PER AR 350-15 (PTCODE)

	MFACOUT / PTCODE / FREQUENCY / PERCENT / ROW PCT / COL PCT	.	PASSED	FAILED	TOTAL
High	LE 1.75	13	85 49.42 68.00 72.65	40 23.26 32.00 72.73	125 72.67
	1.76 TO 2.50	4	23 13.37 67.65 19.66	11 6.40 32.35 20.00	34 19.77
	2.51 TO 3.25	1	8 4.65 66.67 6.84	4 2.33 33.33 7.27	12 6.98
Low	GT 3.25	0	1 0.58 100.00 0.85	0 0.00 0.00 0.00	1 0.58
	TOTAL		117 68.02	55 31.98	172 100.00

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	0.482	DF= 3	PROB=0.9227
PHI	0.053		
CONTINGENCY COEFFICIENT	0.053		
CRAMER'S V	0.053		
LIKELIHOOD RATIO CHISQUARE	0.783	DF= 3	PROB=0.8535

Table 80

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (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	43 22.63 31.16 69.35	21 11.05 15.22 70.00	48 25.26 34.78 77.42	10 5.26 7.25 62.50	16 8.42 11.59 80.00	138 72.63
	1.76 TO 2.50	16 8.42 42.11 25.81	5 2.63 13.16 16.67	11 5.79 28.95 17.74	3 1.58 7.89 18.75	3 1.58 7.89 15.00	38 20.00
	2.51 TO 3.25	3 1.58 23.08 4.84	3 1.58 23.08 10.00	3 1.58 23.08 4.84	3 1.58 23.08 18.75	1 0.53 7.69 5.00	13 6.84
Low	GT 3.25	0 0.00 0.00 0.00	1 0.53 100.00 3.33	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	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	12.237	DF= 12	PROB=0.4268
PHI	0.254		
CONTINGENCY COEFFICIENT	0.246		
CRAMER'S V	0.147		
LIKELIHOOD RATIO CHISQUARE	9.513	DF= 12	PROB=0.6586

Table 81

PT N. AMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)
BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-156, Q160, Q172 (MIMPEX)

MFACOUT	MIMPEX	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	68 35.79 49.28 73.12	65 34.21 47.10 72.22	5 2.63 3.62 71.43	138 72.63
	1.76 TO 2.50	16 8.42 42.11 17.20	20 10.53 52.63 22.22	2 1.05 5.26 28.57	38 20.00
	2.51 TO 3.25	8 4.21 61.54 8.60	5 2.63 38.46 5.56	0 0.00 0.00 0.00	13 6.84
Low	GT 3.25	1 0.53 100.00 1.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
	TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

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	3.010	DF= 6	PROB=0.8076
PHI	0.126		
CONTINGENCY COEFFICIENT	0.125		
CRAMER'S V	0.089		
LIKELIHOOD RATIO CHISQUARE	3.838	DF= 6	PROB=0.6986

Table 82

PT. NCO 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
High	LE 1.75	36 18.95 24.00 87.80	66 34.74 44.00 83.54	4 2.11 2.67 100.00	37 19.47 24.67 64.91	7 3.68 4.67 77.78	150 78.95
	1.76 TO 2.50	5 2.63 14.29 12.20	9 4.74 25.71 11.39	0 0.00 0.00 0.00	19 10.00 54.29 33.33	2 1.05 5.71 22.22	35 18.42
	2.51 TO 3.25	0 0.00 0.00 0.00	4 2.11 100.00 5.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.11
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	1 0.53 100.00 1.75	0 0.00 0.00 0.00	1 0.53
	TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	20.891	DF= 12	PROB=0.0520
PHI	0.332		
CONTINGENCY COEFFICIENT	0.315		
CRAMER'S V	0.191		
LIKELIHOOD RATIO CHISQUARE	22.265	DF= 12	PROB=0.0347

Table 83

PT NCO SAMPLE

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

	MFACOVER	F					
	FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
High	LE 1.75	67 35.26 44.67 79.76	32 16.84 21.33 74.42	30 15.79 20.00 78.95	9 4.74 6.00 100.00	12 6.32 8.00 75.00	150 78.95
	1.76 TO 2.50	14 7.37 40.00 16.67	9 4.74 25.71 20.93	8 4.21 22.86 21.05	0 0.00 0.00 0.00	4 2.11 11.43 25.00	35 18.42
	2.51 TO 3.25	2 1.05 50.00 2.38	2 1.05 50.00 4.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.11
Low	GT 3.25	1 0.53 100.00 1.19	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 0.53
	TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	7.062	DF= 12	PROB=0.8535
PHI	0.193		
CONTINGENCY COEFFICIENT	0.189		
CRAMER'S V	0.111		
LIKELIHOOD RATIO CHISQUARE	9.990	DF= 12	PROB=0.6169

Table 84

PT NCO 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					
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	75 39.47 50.00 96.15	12 6.32 8.00 63.16	10 5.26 6.67 52.63	19 10.00 12.67 65.52	34 17.89 22.67 75.56	150 78.95
1.76 TO 2.50	2 1.05 5.71 2.56	5 2.63 14.29 26.32	9 4.74 25.71 47.37	9 4.74 25.71 31.03	10 5.26 28.57 22.22	35 18.42
2.51 TO 3.25	1 0.53 25.00 1.28	1 0.53 25.00 5.26	0 0.00 0.00 0.00	1 0.53 25.00 3.45	1 0.53 25.00 2.22	4 2.11
GT 3.25 Low	0 0.00 0.00 0.00	1 0.53 100.00 5.26	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	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

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	39.513	DF= 12	PROB=0.0001
PHI	0.456		
CONTINGENCY COEFFICIENT	0.415		
CRAMER'S V	0.263		
LIKELIHOOD RATIO CHISQUARE	38.400	DF= 12	PROB=0.0001

Table 85

PT NCO 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					
FREQUENCY PERCENT ROW PCT COL PCT	Low LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 10 0	TOTAL
High LE 1.75	68 35.79 45.33 87.18	25 13.16 16.67 78.13	13 6.84 8.67 72.22	15 7.89 10.00 60.00	29 15.26 19.33 78.38	150 78.95
1.76 TO 2.50	8 4.21 22.86 10.26	7 3.68 20.00 21.88	4 2.11 11.43 22.22	8 4.21 22.86 32.00	8 4.21 22.86 21.62	35 18.42
2.51 TO 3.25	1 0.53 25.00 1.28	0 0.00 0.00 0.00	1 0.53 25.00 5.56	2 1.05 50.00 8.00	0 0.00 0.00 0.00	4 2.11
GT 3.25	1 0.53 100.00 1.28	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 0.53
Low TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

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	16.077	DF= 12	PROB=0.1877
PHI	0.291		
CONTINGENCY COEFFICIENT	0.279		
CRAMER'S V	0.168		
LIKELIHOOD RATIO CHISQUARE	16.004	DF= 12	PROB=0.1910

Table 86

PT NCO 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	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	77 40.53 51.33 89.53	1 0.53 0.67 100.00	1 0.53 0.67 100.00	2 1.05 1.33 100.00	69 36.32 46.00 69.00	150 78.95
	1.76 TO 2.50	7 3.68 20.00 8.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28 14.74 80.00 28.00	35 18.42
	2.51 TO 3.25	1 0.53 25.00 1.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.58 75.00 3.00	4 2.11
	GT 3.25	1 0.53 100.00 1.16	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 0.53
Low	TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	15.389	DF= 12	PROB=0.2209
PHI	0.285		
CONTINGENCY COEFFICIENT	0.274		
CRAMER'S V	0.164		
LIKELIHOOD RATIO CHISQUARE	17.223	DF= 12	PROB=0.1414

Table 87

PT NCO 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	PTCODE			
FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
LE 1.75 (High)	13	93	44	137
		54.07	25.58	79.65
		67.88	32.12	
		79.49	80.00	
1.76 TO 2.50	5	21	9	30
		12.21	5.23	17.44
		70.00	30.00	
		17.95	16.36	
2.51 TO 3.25	0	3	1	4
		1.74	0.58	2.33
		75.00	25.00	
		2.56	1.82	
GT 3.25 (Low)	0	0	1	1
		0.00	0.58	0.58
		0.00	100.00	
		0.00	1.82	
TOTAL		117	55	172
		68.02	31.98	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	2.272	DF= 3	PROB=0.5179
PHI	0.115		
CONTINGENCY COEFFICIENT	0.114		
CRAMER'S V	0.115		
LIKELIHOOD RATIO CHISQUARE	2.430	DF= 3	PROB=0.4881

Table 88

PT NCO SAMPLE

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

	MFACOVER / 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	49 25.79 32.67 79.03	25 13.16 16.67 83.33	49 25.79 32.67 79.03	12 6.32 8.00 75.00	15 7.89 10.00 75.00	150 78.95
	1.76 TO 2.50	12 6.32 34.29 19.35	3 1.58 8.57 10.00	13 6.84 37.14 20.97	3 1.58 8.57 18.75	4 2.11 11.43 20.00	35 18.42
	2.51 TO 3.25	1 0.53 25.00 1.61	1 0.53 25.00 3.33	0 0.00 0.00 0.00	1 0.53 25.00 6.25	1 0.53 25.00 5.00	4 2.11
Low	GT 3.25	0 0.00 0.00 0.00	1 0.53 100.00 3.33	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	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	10.601	DF= 12	PROB=0.5634
PHI	0.236		
CONTINGENCY COEFFICIENT	0.230		
CRAMER'S V	0.136		
LIKELIHOOD RATIO CHISQUARE	9.781	DF= 12	PROB=0.6352

Table 89

PT NCO SAMPLE

SCALED RATING OF OVERALL FACILITIES - MEAN OF QUESTIONS MAKING UP MFACIN, MFACOUT, & MSPT (MFACOVER) BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)

MFACOVER	MIMPEX			
FREQUENCY / PERCENT / ROW PCT / COL PCT	High		Low	
	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	TOTAL
High — LE 1.75	68 35.79 45.33 73.12	76 40.00 50.67 84.44	6 3.16 4.00 85.71	150 78.95
1.76 TO 2.50	20 10.53 57.14 21.51	14 7.37 40.00 15.56	1 0.53 2.86 14.29	35 18.42
2.51 TO 3.25	4 2.11 100.00 4.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.11
GT 3.25 — Low	1 0.53 100.00 1.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

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	6.947	DF= 6	PROB=0.3258
PHI	0.191		
CONTINGENCY COEFFICIENT	0.188		
CRAMER'S V	0.135		
LIKELIHOOD RATIO CHISQUARE	8.881	DF= 6	PROB=0.1804

Table 90

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY TYPE OF UNIT (E)

MSPT	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
High LE 1.75	21 11.05 23.86 51.22	42 22.11 47.73 53.16	2 1.05 2.27 50.00	19 10.00 21.59 33.33	4 2.11 4.55 44.44	88 46.32
1.76 TO 2.50	12 6.32 29.27 29.27	10 5.26 24.39 12.66	2 1.05 4.88 50.00	13 6.84 31.71 22.81	4 2.11 9.76 44.44	41 21.58
2.51 TO 3.25	3 1.58 9.68 7.32	12 6.32 38.71 15.19	0 0.00 0.00 0.00	15 7.89 48.39 26.32	1 0.53 3.23 11.11	31 16.32
GT 3.25 Low	5 2.63 16.67 12.20	15 7.89 50.00 18.99	0 0.00 0.00 0.00	10 5.26 33.33 17.54	0 0.00 0.00 0.00	30 15.79
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	20.263	DF= 12	PROB=0.0623
PHI	0.327		
CONTINGENCY COEFFICIENT	0.310		
CRAMER'S V	0.189		
LIKELIHOOD RATIO CHISQUARE	22.617	DF= 12	PROB=0.0312

Table 91

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY MACOM CONTROLLING POST (F)

MSPT	F					
FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCUNUS	HSC - DARCOM	OTHER	TOTAL
High — LE 1.75	33 17.37 37.50 39.29	27 14.21 30.68 62.79	16 8.42 18.18 42.11	4 2.11 4.55 44.44	8 4.21 9.09 50.00	88 46.32
1.76 TO 2.50	22 11.58 53.66 26.19	4 2.11 9.76 9.30	7 3.68 17.07 18.42	4 2.11 9.76 44.44	4 2.11 9.76 25.00	41 21.58
2.51 TO 3.25	17 8.95 54.84 20.24	3 1.58 9.68 6.98	9 4.74 29.03 23.68	0 0.00 0.00 0.00	2 1.05 6.45 12.50	31 16.32
GT 3.25 — Low	12 6.32 40.00 14.29	9 4.74 30.00 20.93	6 3.16 20.00 15.79	1 0.53 3.33 11.11	2 1.05 6.67 12.50	30 15.79
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	16.930	DF= 12	PROB=0.1522
PHI	0.299		
CONTINGENCY COEFFICIENT	0.286		
CRAMER'S V	0.172		
LIKELIHOOD RATIO CHISQUARE	18.850	DF= 12	PROB=0.0922

Table 92

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MSPT	WTCD		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High — LE 1.75	79 41.58 89.77 45.93	9 4.74 10.23 50.00	88 46.32
1.76 TO 2.50	34 17.89 82.93 19.77	7 3.68 17.07 38.89	41 21.58
2.51 TO 3.25	30 15.79 96.77 17.44	1 0.53 3.23 5.56	31 16.32
Low — GT 3.25	29 15.26 96.67 16.86	1 0.53 3.33 5.56	30 15.79
TOTAL	172 90.53	18 9.47	190 100.00

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	5.549	DF= 3	PROB=0.1357
PHI	0.171		
CONTINGENCY COEFFICIENT	0.168		
CRAMER'S V	0.171		
LIKELIHOOD RATIO CHISQUARE	5.907	DF= 3	PROB=0.1162

Table 93

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (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 (High)	14 7.37 15.91 66.67	9 4.74 10.23 37.50	21 11.05 23.86 41.18	44 23.16 50.00 46.81	88 46.32
1.76 TO 2.50	5 2.63 12.20 23.81	5 2.63 12.20 20.83	12 6.32 29.27 23.53	19 10.00 46.34 20.21	41 21.58
2.51 TO 3.25	2 1.05 6.45 9.52	6 3.16 19.35 25.00	11 5.79 35.48 21.57	12 6.32 38.71 12.77	31 16.32
GT 3.25 (Low)	0 0.00 0.00 0.00	4 2.11 13.33 16.67	7 3.68 23.33 13.73	19 10.00 63.33 20.21	30 15.79
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

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	10.724	DF= 9	PROB=0.2951
PHI	0.238		
CONTINGENCY COEFFICIENT	0.231		
CRAMER'S V	0.137		
LIKELIHOOD RATIO CHISQUARE	13.688	DF= 9	PROB=0.1339

Table 94

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MSPT	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
LE 1.75	63 33.16 71.59 43.75	25 13.16 28.41 54.35	88 46.32
1.76 TO 2.50	34 17.89 82.93 23.61	7 3.68 17.07 15.22	41 21.58
2.51 TO 3.25	27 14.21 87.10 18.75	4 2.11 12.90 8.70	31 16.32
GT 3.25	20 10.53 66.67 13.89	10 5.26 33.33 21.74	30 15.79
TOTAL	144 75.79	46 24.21	190 100.00

High

Low

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.504	DF= 3	PROB=0.1384
PHI	0.170		
CONTINGENCY COEFFICIENT	0.168		
CRAMER'S V	0.170		
LIKELIHOOD RATIO CHISQUARE	5.785	DF= 3	PROB=0.1225

Table 95

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (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	55 28.95 62.50 70.51	6 3.16 6.82 31.58	5 2.63 5.68 26.32	10 5.26 11.36 34.48	12 6.32 13.64 26.67	88 46.32
	1.76 TO 2.50	9 4.74 21.95 11.54	6 3.16 14.63 31.58	4 2.11 9.76 21.05	8 4.21 19.51 27.59	14 7.37 34.15 31.11	41 21.58
	2.51 TO 3.25	7 3.68 22.58 8.97	3 1.58 9.68 15.79	7 3.68 22.58 36.84	3 1.58 9.68 10.34	11 5.79 35.48 24.44	31 16.32
Low	GT 3.25	7 3.68 23.33 8.97	4 2.11 13.33 21.05	3 1.58 10.00 15.79	8 4.21 26.67 27.59	8 4.21 26.67 17.78	30 15.79
	TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

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	39.165	DF= 12	PROB=0.0001
PHI	0.454		
CONTINGENCY COEFFICIENT	0.413		
CRAMER'S V	0.262		
LIKELIHOOD RATIO CHISQUARE	38.326	DF= 12	PROB=0.0001

Table 96

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY SCALED INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (MIFID)

MSPT	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	42 22.11 47.73 53.85	9 4.74 10.23 28.13	10 5.26 11.36 55.56	11 5.79 12.50 44.00	16 8.42 18.18 43.24	88 46.32
1.76 TO 2.50	11 5.79 26.83 14.10	11 5.79 26.83 34.38	6 3.16 14.63 33.33	2 1.05 4.88 8.00	11 5.79 26.83 29.73	41 21.58
2.51 TO 3.25	10 5.26 32.26 12.82	7 3.68 22.58 21.88	0 0.00 0.00 0.00	5 2.63 16.13 20.00	9 4.74 29.03 24.32	31 16.32
GT 3.25 Low	15 7.89 50.00 19.23	5 2.63 16.67 15.63	2 1.05 6.67 11.11	7 3.68 23.33 28.00	1 0.53 3.33 2.70	30 15.79
TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

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	25.552	DF= 12	PROB=0.0124
PHI	0.367		
CONTINGENCY COEFFICIENT	0.344		
CRAMER'S V	0.212		
LIKELIHOOD RATIO CHISQUARE	30.575	DF= 12	PROB=0.0023

Table 97

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MSPT	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	55 28.95 62.50 63.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 1.14 50.00	32 16.84 36.36 32.00	88 46.32
	1.76 TO 2.50	7 3.68 17.07 8.14	0 0.00 0.00 0.00	1 0.53 2.44 100.00	0 0.00 0.00 0.00	33 17.37 80.49 33.00	41 21.58
	2.51 TO 3.25	10 5.26 32.26 11.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21 11.05 67.74 21.00	31 16.32
Low	GT 3.25	14 7.37 46.67 16.28	1 0.53 3.33 100.00	0 0.00 0.00 0.00	1 0.53 3.33 50.00	14 7.37 46.67 14.00	30 15.79
	TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	37.377	DF= 12	PROB=0.0002
PHI	0.444		
CONTINGENCY COEFFICIENT	0.405		
CRAMER'S V	0.256		
LIKELIHOOD RATIO CHISQUARE	36.746	DF= 12	PROB=0.0002

Table 98

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

MSPT	PTCODE		
FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
LE 1.75	7	57 33.14 70.37 48.72	24 13.95 29.63 43.64	81 47.09
1.76 TO 2.50	5	26 15.12 72.22 22.22	10 5.81 27.78 18.18	36 20.93
2.51 TO 3.25	3	17 9.88 60.71 14.53	11 6.40 39.29 20.00	28 16.28
GT 3.25	3	17 9.88 62.96 14.53	10 5.81 37.04 18.18	27 15.70
TOTAL		117 68.02	55 31.98	172 100.00

High

Low

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.502	DF=	3	PROB=0.6817
PHI	0.093			
CONTINGENCY COEFFICIENT	0.093			
CRAMER'S V	0.093			
LIKELIHOOD RATIO CHISQUARE	1.481	DF=	3	PROB=0.6867

Table 99

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (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
High	LE 1.75	27 14.21 30.68 43.55	15 7.89 17.05 50.00	29 15.26 32.95 46.77	9 4.74 10.23 56.25	8 4.21 9.09 40.00	88 46.32
	1.76 TO 2.50	13 6.84 31.71 20.97	3 1.58 7.32 10.00	15 7.89 36.59 24.19	4 2.11 9.76 25.00	6 3.16 14.63 30.00	41 21.58
	2.51 TO 3.25	9 4.74 29.03 14.52	5 2.63 16.13 16.67	11 5.79 35.48 17.74	1 0.53 3.23 6.25	5 2.63 16.13 25.00	31 16.32
Low	GT 3.25	13 6.84 43.33 20.97	7 3.68 23.33 23.33	7 3.68 23.33 11.29	2 1.05 6.67 12.50	1 0.53 3.33 5.00	30 15.79
	TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	10.155	DF= 12	PROB=0.6023
PHI	0.231		
CONTINGENCY COEFFICIENT	0.225		
CRAMER'S V	0.133		
LIKELIHOOD RATIO CHISQUARE	11.106	DF= 12	PROB=0.5198

Table 100

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)

MSPT	MIMPEX	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	42 22.11 47.73 45.16	43 22.63 48.86 47.78	3 1.58 3.41 42.86	88 46.32
	1.76 TO 2.50	20 10.53 48.78 21.51	18 9.47 43.90 20.00	3 1.58 7.32 42.86	41 21.58
	2.51 TO 3.25	16 8.42 51.61 17.20	14 7.37 45.16 15.56	1 0.53 3.23 14.29	31 16.32
	GT 3.25	15 7.89 50.00 16.13	15 7.89 50.00 16.67	0 0.00 0.00 0.00	30 15.79
Low	TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

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	2.910	DF= 6	PROB=0.8201	
PHI	0.124			
CONTINGENCY COEFFICIENT	0.123			
CRAMER'S V	0.088			
LIKELIHOOD RATIO CHISQUARE	3.687	DF= 6	PROB=0.7190	

FACTORS INFLUENCING EXERCISE INJURIES

Tables 101 to 151

Table 101

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY SCALED AGE (CM)

MAJOR	CM				
FREQUENCY PERCENT ROW PCT COL PCT	.	21 TO 29	31 TO 39	40 AND MORE	TOTAL
NONE	1	23	111	11	145
		12.17	58.73	5.82	76.72
		15.86	76.55	7.59	
		69.70	77.08	91.67	
PRESENT	0	10	33	1	44
		5.29	17.46	0.53	23.28
		22.73	75.00	2.27	
		30.30	22.92	8.33	
TOTAL		33	144	12	189
		17.46	76.19	6.35	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.423	DF= 2	PROB=0.2978
PHI	0.113		
CONTINGENCY COEFFICIENT	0.113		
CRAMER'S V	0.113		
LIKELIHOOD RATIO CHISQUARE	2.729	DF= 2	PROB=0.2555

Table 102

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY TYPE OF UNIT (E)

MAJOR E

FREQUENCY / PERCENT / ROW PCT / COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
NONE	31 16.32 21.23 75.61	65 34.21 44.52 82.28	3 1.58 2.05 75.00	41 21.58 28.08 71.93	6 3.16 4.11 66.67	146 76.84
PRESENT	10 5.26 22.73 24.39	14 7.37 31.82 17.72	1 0.53 2.27 25.00	16 8.42 36.36 28.07	3 1.58 6.82 33.33	44 23.16
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	2.651	DF= 4	PROB=0.6178
PHI	0.118		
CONTINGENCY COEFFICIENT	0.117		
CRAMER'S V	0.118		
LIKELIHOOD RATIO CHISQUARE	2.656	DF= 4	PROB=0.6169

Table 103

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY MACOM CONTROLLING POST (F)

MAJOR F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
NONE	65 34.21 44.52 77.38	32 16.84 21.92 74.42	28 14.74 19.18 73.68	7 3.68 4.79 77.78	14 7.37 9.59 87.50	146 76.84
PRESENT	19 10.00 43.18 22.62	11 5.79 25.00 25.58	10 5.26 22.73 26.32	2 1.05 4.55 22.22	2 1.05 4.55 12.50	44 23.16
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.394	DF= 4	PROB=0.8452
PHI	0.086		
CONTINGENCY COEFFICIENT	0.085		
CRAMER'S V	0.086		
LIKELIHOOD RATIO CHISQUARE	1.534	DF= 4	PROB=0.8206

Table 104

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY SEX (D)

MAJOR D

FREQUENCY / PERCENT / ROW PCT / COL PCT	FEMALE	MALE	TOTAL
NONE	21	125	146
	11.05	65.79	76.84
	14.38	85.62	
	70.00	78.13	
PRESENT	9	35	44
	4.74	18.42	23.16
	20.45	79.55	
	30.00	21.88	
TOTAL	30	160	190
	15.79	84.21	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.937	DF= 1	PROB=0.3330
PHI	-0.070		
CONTINGENCY COEFFICIENT	0.070		
CRAMER'S V	0.070		
LIKELIHOOD RATIO CHISQUARE	0.893	DF= 1	PROB=0.3448
CONTINUITY ADJ. CHI-SQUARE	0.536	DF= 1	PROB=0.4640
FISHER'S EXACT TEST (1-TAIL)			PROB=0.2280
(2-TAIL)			PROB=0.3496

Table 105

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MAJOR	WTCD		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	133 70.00 91.10 77.33	13 6.84 8.90 72.22	146 76.84
PRESENT	39 20.53 88.64 22.67	5 2.63 11.36 27.78	44 23.16
TOTAL	172 90.53	18 9.47	190 100.00

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	0.238	DF= 1	PROB=0.6253
PHI	0.035		
CONTINGENCY COEFFICIENT	0.035		
CRAMER'S V	0.035		
LIKELIHOOD RATIO CHISQUARE	0.230	DF= 1	PROB=0.6318
CONTINUITY ADJ. CHI-SQUARE	0.038	DF= 1	PROB=0.8456
FISHER'S EXACT TEST (1-TAIL)			PROB=0.4068
(2-TAIL)			PROB=0.5707

Table 106

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, 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	19 10.00 13.01 90.48	16 8.42 10.96 66.67	42 22.11 28.77 82.35	69 36.32 47.26 73.40	146 76.84
PRESENT	2 1.05 4.55 9.52	8 4.21 18.18 33.33	9 4.74 20.45 17.65	25 13.16 56.82 26.60	44 23.16
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.085	DF= 3	PROB=0.1657
PHI	0.164		
CONTINGENCY COEFFICIENT	0.161		
CRAMER'S V	0.164		
LIKELIHOOD RATIO CHISQUARE	5.465	DF= 3	PROB=0.1407

Table 107

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MAJOR	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	110 57.89 75.34 76.39	36 18.95 24.66 78.26	146 76.84
PRESENT	34 17.89 77.27 23.61	10 5.26 22.73 21.74	44 23.16
TOTAL	144 75.79	46 24.21	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.069	DF= 1	PROB=0.7933
PHI	-0.019		
CONTINGENCY COEFFICIENT	0.019		
CRAMER'S V	0.019		
LIKELIHOOD RATIO CHISQUARE	0.069	DF= 1	PROB=0.7923
CONTINUITY ADJ. CHI-SQUARE	0.004	DF= 1	PROB=0.9511
FISHER'S EXACT TEST (1-TAIL)			PROB=0.4831
(2-TAIL)			PROB=0.8439

Table 108

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, 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	65 34.21 44.52 33.33	17 8.95 11.64 89.47	12 6.32 8.22 63.16	21 11.05 14.38 72.41	31 16.32 21.23 68.89	146 76.84
PRESENT	13 6.84 29.55 16.67	2 1.05 4.55 10.53	7 3.68 15.91 36.84	8 4.21 18.18 27.59	14 7.37 31.82 31.11	44 23.16
TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	7.469	DF= 4	PROB=0.1131
PHI	0.198		
CONTINGENCY COEFFICIENT	0.194		
CRAMER'S V	0.198		
LIKELIHOOD RATIO CHISQUARE	7.604	DF= 4	PROB=0.1072

Table 109

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, 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	63 33.16 43.15 80.77	27 14.21 18.49 84.38	16 8.42 10.96 88.89	18 9.47 12.33 72.00	22 11.58 15.07 59.46	146 76.84
PRESENT	15 7.89 34.09 19.23	5 2.63 11.36 15.63	2 1.05 4.55 11.11	7 3.68 15.91 28.00	15 7.89 34.09 40.54	44 23.16
TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	9.776	DF= 4	PROB=0.0444	
PHI	0.227			
CONTINGENCY COEFFICIENT	0.221			
CRAMER'S V	0.227			
LIKELIHOOD RATIO CHISQUARE	9.374	DF= 4	PROB=0.0524	

Table 110

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MAJOR / SMFID	Low				High	
FREQUENCY / PERCENT / ROW PCT / COL PCT	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
NONE	71 37.37 48.63 82.56	1 0.53 0.68 100.00	1 0.53 0.68 100.00	2 1.05 1.37 100.00	71 37.37 48.63 71.00	146 76.84
PRESENT	15 7.89 34.09 17.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29 15.26 65.91 29.00	44 23.16
TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	4.702	DF= 4	PROB=0.3192
PHI	0.157		
CONTINGENCY COEFFICIENT	0.155		
CRAMER'S V	0.157		
LIKELIHOOD RATIO CHISQUARE	5.611	DF= 4	PROB=0.2301

Table 111

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, 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	17	90	39	129
	.	52.33	22.67	75.00
	.	69.77	30.23	
	.	76.92	70.91	
PRESENT	1	27	16	43
	.	15.70	9.30	25.00
	.	62.79	37.21	
	.	23.08	29.09	
TOTAL	.	117	55	172
	.	68.02	31.98	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.722	DF= 1	PROB=0.3956	
PHI	0.065			
CONTINGENCY COEFFICIENT	0.065			
CRAMER'S V	0.065			
LIKELIHOOD RATIO CHISQUARE	0.710	DF= 1	PROB=0.3996	
CONTINUITY ADJ. CHI-SQUARE	0.437	DF= 1	PROB=0.5088	
FISHER'S EXACT TEST (1-TAIL)			PROB=0.2525	
(2-TAIL)			PROB=0.4513	

Table 112

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, 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	52 27.37 35.62 83.87	19 10.00 13.01 63.33	46 24.21 31.51 74.19	12 6.32 8.22 75.00	17 8.95 11.64 85.00	146 76.84
PRESENT	10 5.26 22.73 16.13	11 5.79 25.00 36.67	16 8.42 36.36 25.81	4 2.11 9.09 25.00	3 1.58 6.82 15.00	44 23.16
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.821	DF= 4	PROB=0.2129	
PHI	0.175			
CONTINGENCY COEFFICIENT	0.172			
CRAMER'S V	0.175			
LIKELIHOOD RATIO CHISQUARE	5.724	DF= 4	PROB=0.2207	

Table 113

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)

MAJOR	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	92 48.42 63.01 76.67	43 22.63 29.45 81.13	7 3.68 4.79 58.33	4 2.11 2.74 80.00	146 76.84
PRESENT	28 14.74 63.64 23.33	10 5.26 22.73 18.87	5 2.63 11.36 41.67	1 0.53 2.27 20.00	44 23.16
TOTAL	120 63.16	53 27.89	12 6.32	5 2.63	190 100.00

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	2.888	DF= 3	PROB=0.4092	
PHI	0.123			
CONTINGENCY COEFFICIENT	0.122			
CRAMER'S V	0.123			
LIKELIHOOD RATIO CHISQUARE	2.621	DF= 3	PROB=0.4538	

Table 114

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-129, Q131, Q132, Q134, & Q135 (MAJOR)
SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, Q27 (MFACOUT)

MAJOR	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	105	28	12	1	146
	55.26	14.74	6.32	0.53	76.84
	71.92	19.18	8.22	0.68	
	76.09	73.68	92.31	100.00	
PRESENT	33	10	1	0	44
	17.37	5.26	0.53	0.00	23.16
	75.00	22.73	2.27	0.00	
	23.91	26.32	7.69	0.00	
TOTAL	138	38	13	1	190
	72.63	20.00	6.84	0.53	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	2.306	DF= 3	PROB=0.5114	
PHI	0.110			
CONTINGENCY COEFFICIENT	0.110			
CRAMER'S V	0.110			
LIKELIHOOD RATIO CHISQUARE	2.974	DF= 3	PROB=0.3956	

Table 115

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, 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			Low	
	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	GT 3.25	TOTAL
NONE	117 61.58 80.14 78.00	25 13.16 17.12 71.43	3 1.58 2.05 75.00	1 0.53 0.68 100.00	146 76.84
PRESENT	33 17.37 75.00 22.00	10 5.26 22.73 28.57	1 0.53 2.27 25.00	0 0.00 0.00 0.00	44 23.16
TOTAL	150 78.95	35 18.42	4 2.11	1 0.53	190 100.00

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	0.998	DF= 3	PROB=0.8016
PHI	0.072		
CONTINGENCY COEFFICIENT	0.072		
CRAMER'S V	0.072		
LIKELIHOOD RATIO CHISQUARE	1.197	DF= 3	PROB=0.7536

Table 116

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)

MAJOR	MIMPEX			
FREQUENCY / PERCENT / ROW PCT / COL PCT	High LE 1.75	1.76 TO 2.50	Low 2.51 TO 3.25	TOTAL
NONE	72 37.89 49.32 77.42	69 36.32 47.26 76.67	5 2.63 3.42 71.43	146 76.84
PRESENT	21 11.05 47.73 22.58	21 11.05 47.73 23.33	2 1.05 4.55 28.57	44 23.16
TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.134	DF= 2	PROB=0.9351
PHI	0.027		
CONTINGENCY COEFFICIENT	0.027		
CRAMER'S V	0.027		
LIKELIHOOD RATIO CHISQUARE	0.129	DF= 2	PROB=0.9376

Table 117

PT NCO SAMPLE

MAJOR INJURY REPORTED IN Q127-131, Q134, & Q135 (MAJOR)
BY SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (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	68 35.79 46.58 77.27	33 17.37 22.60 80.49	21 11.05 14.38 67.74	24 12.63 16.44 80.00	146 76.84
PRESENT	20 10.53 45.45 22.73	8 4.21 18.18 19.51	10 5.26 22.73 32.26	6 3.16 13.64 20.00	44 23.16
TOTAL	88 46.32	41 21.58	31 16.32	30 15.79	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.926	DF= 3	PROB=0.5879
PHI	0.101		
CONTINGENCY COEFFICIENT	0.100		
CRAMER'S V	0.101		
LIKELIHOOD RATIO CHISQUARE	1.836	DF= 3	PROB=0.6071

Table 118

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SCALED AGE (CM)

MINOR	CM				
FREQUENCY PERCENT ROW PCT COL PCT	.	21 TO 29	31 TO 39	40 AND MORE	TOTAL
NONE	1	19	112	11	142
		10.05	59.26	5.82	75.13
		13.38	78.87	7.75	
		57.58	77.78	91.67	
PRESENT	0	14	32	1	47
		7.41	16.93	0.53	24.87
		29.79	68.09	2.13	
		42.42	22.22	8.33	
TOTAL		33	144	12	189
		17.46	76.19	6.35	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	7.739	DF= 2	PROB=0.0209
PHI	0.202		
CONTINGENCY COEFFICIENT	0.198		
CRAMER'S V	0.202		
LIKELIHOOD RATIO CHISQUARE	7.585	DF= 2	PROB=0.0225

Table 119

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY TYPE OF UNIT (E)

MINOR / E FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
NONE	31 16.32 21.68 75.61	62 32.63 43.36 78.48	2 1.05 1.40 50.00	43 22.63 30.07 75.44	5 2.63 3.50 55.56	143 75.26
PRESENT	10 5.26 21.28 24.39	17 8.95 36.17 21.52	2 1.05 4.26 50.00	14 7.37 29.79 24.56	4 2.11 8.51 44.44	47 24.74
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	3.692	DF= 4	PROB=0.4493
PHI	0.139		
CONTINGENCY COEFFICIENT	0.138		
CRAMER'S V	0.139		
LIKELIHOOD RATIO CHISQUARE	3.287	DF= 4	PROB=0.5109

Table 120

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY MACOM CONTROLLING POST (F)

MINOR F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	MSC - DARCOM	OTHER	TOTAL
NONE	63 33.16 44.06 75.00	33 17.37 23.08 76.74	26 13.68 18.18 68.42	6 3.16 4.20 66.67	15 7.89 10.49 93.75	143 75.26
PRESENT	21 11.05 44.68 25.00	10 5.26 21.28 23.26	12 6.32 25.53 31.58	3 1.58 6.38 33.33	1 0.53 2.13 6.25	47 24.74
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.304	DF= 4	PROB=0.3665	
PHI	0.151			
CONTINGENCY COEFFICIENT	0.149			
CRAMER'S V	0.151			
LIKELIHOOD RATIO CHISQUARE	5.131	DF= 4	PROB=0.2741	

Table 121

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SEX (D)

MINOR D

FREQUENCY / PERCENT / ROW PCT / COL PCT	FEMALE	MALE	TOTAL
NONE	23	120	143
	12.11	63.16	75.26
	16.08	83.92	
	76.67	75.00	
PRESENT	7	40	47
	3.68	21.05	24.74
	14.89	85.11	
	23.33	25.00	
TOTAL	30	160	190
	15.79	84.21	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.038	DF= 1	PROB=0.8461
PHI	0.014		
CONTINGENCY COEFFICIENT	0.014		
CRAMER'S V	0.014		
LIKELIHOOD RATIO CHISQUARE	0.038	DF= 1	PROB=0.8453
CONTINUITY ADJ. CHI-SQUARE	0.001	DF= 1	PROB=0.9710
FISHER'S EXACT TEST (1-TAIL)			PROB=0.5253
(2-TAIL)			PROB=1.0000

Table 122

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MINOR / WTCD FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	129 67.89 90.21 75.00	14 7.37 9.79 77.78	143 75.26
PRESENT	43 22.63 91.49 25.00	4 2.11 8.51 22.22	47 24.74
TOTAL	172 90.53	18 9.47	190 100.00

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	0.068	DF= 1	PROB=0.7950
PHI	-0.019		
CONTINGENCY COEFFICIENT	0.019		
CRAMER'S V	0.019		
LIKELIHOOD RATIO CHISQUARE	0.069	DF= 1	PROB=0.7928
CONTINUITY ADJ. CHI-SQUARE	0.001	DF= 1	PROB=0.9783
FISHER'S EXACT TEST (1-TAIL)			PROB=0.5269
(2-TAIL)			PROB=1.0000

Table 123

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & 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	18 9.47 12.59 85.71	17 8.95 11.89 70.83	40 21.05 27.97 78.43	68 35.79 47.55 72.34	143 75.26
PRESENT	3 1.58 6.38 14.29	7 3.68 14.89 29.17	11 5.79 23.40 21.57	26 13.68 55.32 27.66	47 24.74
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.191	DF= 3	PROB=0.5337
PHI	0.107		
CONTINGENCY COEFFICIENT	0.107		
CRAMER'S V	0.107		
LIKELIHOOD RATIO CHISQUARE	2.335	DF= 3	PROB=0.5059

Table 124

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MINOR	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
NONE	110 57.89 76.92 76.39	33 17.37 23.08 71.74	143 75.26
PRESENT	34 17.89 72.34 23.61	13 6.84 27.66 28.26	47 24.74
TOTAL	144 75.79	46 24.21	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.405	DF= 1	PROB=0.5246
PHI	0.046		
CONTINGENCY COEFFICIENT	0.046		
CRAMER'S V	0.046		
LIKELIHOOD RATIO CHISQUARE	0.397	DF= 1	PROB=0.5287
CONTINUITY ADJ. CHI-SQUARE	0.194	DF= 1	PROB=0.6599
FISHER'S EXACT TEST (1-TAIL)			PROB=0.3251
(2-TAIL)			PROB=0.5582

Table 125

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SCALED UNIT EXERCISE FREQUENCY TIMES INTENSITY
TIMES DURATION (MUFID)

MINOR	MUFID					
FREQUENCY / PERCENT / ROW PCT / COL PCT	Low				High	
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	TOTAL
NONE	59 31.05 41.26 75.64	17 8.95 11.89 89.47	12 6.32 8.39 63.16	23 12.11 16.08 79.31	32 16.84 22.38 71.11	143 75.26
PRESENT	19 10.00 40.43 24.36	2 1.05 4.26 10.53	7 3.68 14.89 36.84	6 3.16 12.77 20.69	13 6.84 27.66 28.89	47 24.74
TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.234	DF= 4	PROB=0.3752
PHI	0.149		
CONTINGENCY COEFFICIENT	0.148		
CRAMER'S V	0.149		
LIKELIHOOD RATIO CHISQUARE	4.505	DF= 4	PROB=0.3419

Table 126

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & 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	64 33.68 44.76 82.05	28 14.74 19.58 87.50	15 7.89 10.49 83.33	16 8.42 11.19 64.00	20 10.53 13.99 54.05	143 75.26
PRESENT	14 7.37 29.79 17.95	4 2.11 8.51 12.50	3 1.58 6.38 16.67	9 4.74 19.15 36.00	17 8.95 36.17 45.95	47 24.74
TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	15.777	DF= 4	PROB=0.0033	
PHI	0.288			
CONTINGENCY COEFFICIENT	0.277			
CRAMER'S V	0.288			
LIKELIHOOD RATIO CHISQUARE	15.112	DF= 4	PROB=0.0045	

Table 127

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SCALED SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY
TIMES INTENSITY TIMES DURATION (SMFID)

MINOR	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	68 35.79 47.55 79.07	1 0.53 0.70 100.00	1 0.53 0.70 100.00	2 1.05 1.40 100.00	71 37.37 49.65 71.00	143 75.26
PRESENT	18 9.47 38.30 20.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29 15.26 61.70 29.00	47 24.74
TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	2.960	DF=	4	PROB=0.5645
PHI	0.125			
CONTINGENCY COEFFICIENT	0.124			
CRAMER'S V	0.125			
LIKELIHOOD RATIO CHISQUARE	3.910	DF=	4	PROB=0.4183

Table 128

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY PASSED OR FAILED APRT PER AR 350-15 (PTCODE)

MINOR / PTCODE	.	PASSED	FAILED	TOTAL
NONE	18	86	39	125
	.	50.00	22.67	72.67
	.	68.80	31.20	
	.	73.50	70.91	
PRESENT	0	31	16	47
	.	18.02	9.30	27.33
	.	65.96	34.04	
	.	26.50	29.09	
TOTAL	.	117	55	172
	.	68.02	31.98	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.127	DF=	1	PROB=0.7217
PHI	0.027			
CONTINGENCY COEFFICIENT	0.027			
CRAMER'S V	0.027			
LIKELIHOOD RATIO CHISQUARE	0.126	DF=	1	PROB=0.7226
CONTINUITY ADJ. CHI-SQUARE	0.030	DF=	1	PROB=0.8628
FISHER'S EXACT TEST (1-TAIL)				PROB=0.4276
(2-TAIL)				PROB=0.7176

Table 129

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & 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	54 28.42 37.76 87.10	17 8.95 11.89 56.67	45 23.68 31.47 72.58	12 6.32 8.39 75.00	15 7.89 10.49 75.00	143 75.26
PRESENT	8 4.21 17.02 12.90	13 6.84 27.66 43.33	17 8.95 36.17 27.42	4 2.11 8.51 25.00	5 2.63 10.64 25.00	47 24.74
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	10.477	DF= 4	PROB=0.0331
PHI	0.235		
CONTINGENCY COEFFICIENT	0.229		
CRAMER'S V	0.235		
LIKELIHOOD RATIO CHISQUARE	10.521	DF= 4	PROB=0.0325

Table 130

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16,
Q17, Q19, Q23, & Q29 (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	90 47.37 62.94 75.00	42 22.11 29.37 79.25	7 3.68 4.90 58.33	4 2.11 2.80 80.00	143 75.26
PRESENT	30 15.79 63.83 25.00	11 5.79 23.40 20.75	5 2.63 10.64 41.67	1 0.53 2.13 20.00	47 24.74
TOTAL	120 63.16	53 27.89	12 6.32	5 2.63	190 100.00

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	2.364	DF= 3	PROB=0.5005	
PHI	0.112			
CONTINGENCY COEFFICIENT	0.111			
CRAMER'S V	0.112			
LIKELIHOOD RATIO CHISQUARE	2.184	DF= 3	PROB=0.5352	

Table 131

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SCALED RATING OF OUTDOOR FACILITIES -
MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)

MINOR · 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	103 54.21 72.03 74.64	30 15.79 20.98 78.95	9 4.74 6.29 69.23	1 0.53 0.70 100.00	143 75.26
PRESENT	35 18.42 74.47 25.36	8 4.21 17.02 21.05	4 2.11 8.51 30.77	0 0.00 0.00 0.00	47 24.74
TOTAL	138 72.63	38 20.00	13 6.84	1 0.53	190 100.00

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	0.889	DF= 3	PROB=0.8281
PHI	0.068		
CONTINGENCY COEFFICIENT	0.068		
CRAMER'S V	0.068		
LIKELIHOOD RATIO CHISQUARE	1.126	DF= 3	PROB=0.7707

Table 132

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & 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 1.75	1.76 TO 2.50	2.51 TO 3.25	Low GT 3.25	TOTAL
NONE	112 58.95 78.32 74.67	27 14.21 18.88 77.14	3 1.58 2.10 75.00	1 0.53 0.70 100.00	143 75.26
PRESENT	38 20.00 80.85 25.33	8 4.21 17.02 22.86	1 0.53 2.13 25.00	0 0.00 0.00 0.00	47 24.74
TOTAL	150 78.95	35 18.42	4 2.11	1 0.53	190 100.00

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	0.424	DF= 3	PROB=0.9353
PHI	0.047		
CONTINGENCY COEFFICIENT	0.047		
CRAMER'S V	0.047		
LIKELIHOOD RATIO CHISQUARE	0.665	DF= 3	PROB=0.8815

Table 133

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SCALED EXERCISE IMPORTANCE OF Q149-Q156, Q160, & Q172 (MIMPEX)

MINOR	MIMPEX			
FREQUENCY PERCENT ROW PCT COL PCT	High LE 1.75	1.76 TO 2.50	Low 2.51 TO 3.25	TOTAL
NONE	72 37.89 50.35 77.42	65 34.21 45.45 72.22	6 3.16 4.20 85.71	143 75.26
PRESENT	21 11.05 44.68 22.58	25 13.16 53.19 27.78	1 0.53 2.13 14.29	47 24.74
TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.090	DF=	2	PROB=0.579?
PHI	0.076			
CONTINGENCY COEFFICIENT	0.076			
CRAMER'S V	0.076			
LIKELIHOOD RATIO CHISQUARE	1.135	DF=	2	PROB=0.5670

Table 134

PT NCO SAMPLE

MINOR INJURY REPORTED IN Q126, Q132, & Q133 (MINOR)
BY SCALED RATING - EXERCISE SUPPORT BY POST/UNIT -
MEAN OF Q79, Q87, & Q88 (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	65 34.21 45.45 73.86	33 17.37 23.08 80.49	21 11.05 14.69 67.74	24 12.63 16.78 80.00	143 75.26
PRESENT	23 12.11 48.94 26.14	8 4.21 17.02 19.51	10 5.26 21.28 32.26	6 3.16 12.77 20.00	47 24.74
TOTAL	88 46.32	41 21.58	31 16.32	30 15.79	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.997	DF= 3	PROB=0.5730
PHI	0.103		
CONTINGENCY COEFFICIENT	0.102		
CRAMER'S V	0.103		
LIKELIHOOD RATIO CHISQUARE	1.991	DF= 3	PROB=0.5742

Table 135

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)
BY Question 124

	MFACIN	Q124		
	FREQUENCY PERCENT ROW PCT COL PCT	0	1	TOTAL
High	LE 1.75	90 47.37 75.00 63.83	30 15.79 25.00 61.22	120 63.16
	1.76 TO 2.50	39 20.53 73.58 27.66	14 7.37 26.42 28.57	53 27.89
	2.51 TO 3.25	8 4.21 66.67 5.67	4 2.11 33.33 8.16	12 6.32
Low	GT 3.25	4 2.11 80.00 2.84	1 0.53 20.00 2.04	5 2.63
	TOTAL	141 74.21	49 25.79	190 100.00

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	0.494	DF= 3	PROB=0.9201
PHI	0.051		
CONTINGENCY COEFFICIENT	0.051		
CRAMER'S V	0.051		
LIKELIHOOD RATIO CHISQUARE	0.480	DF= 3	PROB=0.9232

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

(1) YES	49
(2) NO	0

Table 136

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)
BY Question 124

	MFACOUT	Q124		
	FREQUENCY PERCENT ROW PCT COL PCT	0	1	TOTAL
High	LE 1.75	104 54.74 75.36 73.76	34 17.89 24.64 69.39	138 72.63
	1.76 TO 2.50	27 14.21 71.05 19.15	11 5.79 28.95 22.45	38 20.00
	2.51 TO 3.25	9 4.74 69.23 6.38	4 2.11 30.77 8.16	13 6.84
Low	GT 3.25	1 0.53 100.00 0.71	0 0.00 0.00 0.00	1 0.53
	TOTAL	141 74.21	49 25.79	190 100.00

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	0.810	DF= 3	PROB=0.8472
PHI	0.065		
CONTINGENCY COEFFICIENT	0.065		
CRAMER'S V	0.065		
LIKELIHOOD RATIO CHISQUARE	1.048	DF= 3	PROB=0.7896

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

(1) YES	49
(2) NO	0

Table 137

PT NCO SAMPLE

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

	MFACOVER	0124		
	FREQUENCY PERCENT ROW PCT COL PCT	0	1	TOTAL
High	LE 1.75	113 59.47 75.33 80.14	37 19.47 24.67 75.51	150 78.95
	1.76 TO 2.50	25 13.16 71.43 17.73	10 5.26 28.57 20.41	35 18.42
	2.51 TO 3.25	2 1.05 50.00 1.42	2 1.05 50.00 4.08	4 2.11
Low	GT 3.25	1 0.53 100.00 0.71	0 0.00 0.00 0.00	1 0.53
	TOTAL	141 74.21	49 25.79	190 100.00

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	1.813	DF= 3	PROB=0.6121
PHI	0.098		
CONTINGENCY COEFFICIENT	0.097		
CRAMER'S V	0.098		
LIKELIHOOD RATIO CHISQUARE	1.903	DF= 3	PROB=0.5927

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

(1) YES	49
(2) NO	0

Table 138

PT NCO SAMPLE

SCALED RATING - EXERCISE SUPPORT BY POST/UNIT - MEAN OF Q79, Q87, & Q88 (MSPT)
BY QUESTION 124

MSPT	Q124		
FREQUENCY PERCENT ROW PCT COL PCT	0	1	TOTAL
High — LE 1.75	67 35.26 76.14 47.52	21 11.05 23.86 42.86	88 46.32
1.76 TO 2.50	31 16.32 75.61 21.99	10 5.26 24.39 20.41	41 21.58
2.51 TO 3.25	21 11.05 67.74 14.89	10 5.26 32.26 20.41	31 16.32
GT 3.25 — Low	22 11.58 73.33 15.60	8 4.21 26.67 16.33	30 15.79
TOTAL	141 74.21	49 25.79	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.902	DF= 3	PROB=0.8249
PHI	0.069		
CONTINGENCY COEFFICIENT	0.069		
CRAMER'S V	0.069		
LIKELIHOOD RATIO CHISQUARE	0.873	DF= 3	PROB=0.8318

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

(1) YES	49
(2) NO	0

Table 139

PT NCO SAMPLE

QUESTION 124 BY SCALED AGE (CM)

Q124 CM

FREQUENCY / PERCENT / ROW PCT / COL PCT	.	21 TO 29	31 TO 39	40 AND MORE	TOTAL
0	1	19	111	10	140
		10.05	58.73	5.29	74.07
		13.57	79.29	7.14	
		57.58	77.08	83.33	
1	0	14	33	2	49
		7.41	17.46	1.06	25.93
		28.57	67.35	4.08	
		42.42	22.92	16.67	
TOTAL		33	144	12	189
		17.46	76.19	6.35	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.892	DF= 2	PROB=0.0525	
PHI	0.177			
CONTINGENCY COEFFICIENT	0.174			
CRAMER'S V	0.177			
LIKELIHOOD RATIO CHISQUARE	5.500	DF= 2	PROB=0.0639	

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

(1) YES	49
(2) NO	0

Table 140

PT NCO SAMPLE

QUESTION 124 BY TYPE OF UNIT (E)

Q124 E

FREQUENCY / PERCENT / ROW PCT / COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
0	30	61	2	43	5	141
	15.79	32.11	1.05	22.63	2.63	74.21
	21.28	43.26	1.42	30.50	3.55	
	73.17	77.22	50.00	75.44	55.56	
1	11	18	2	14	4	49
	5.79	9.47	1.05	7.37	2.11	25.79
	22.45	36.73	4.08	28.57	8.16	
	26.83	22.78	50.00	24.56	44.44	
TOTAL	41	79	4	57	9	190
	21.58	41.58	2.11	30.00	4.74	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	3.302	DF=	4	PROB=0.5086
PHI	0.132			
CONTINGENCY COEFFICIENT	0.131			
CRAMER'S V	0.132			
LIKELIHOOD RATIO CHISQUARE	2.979	DF=	4	PROB=0.5614

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

(1) YES	49
(2) NO	0

Table 141

PT NCO SAMPLE

QUESTION 124 BY MACOM CONTROLLING POST (F)

Q124 F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
0	63	32	26	6	14	141
	33.16	16.84	13.68	3.16	7.37	74.21
	44.68	22.70	18.44	4.26	9.93	
	75.00	74.42	68.42	66.67	87.50	
1	21	11	12	3	2	49
	11.05	5.79	6.32	1.58	1.05	25.79
	42.86	22.45	24.49	6.12	4.08	
	25.00	25.58	31.58	33.33	12.50	
TOTAL	84	43	38	9	16	190
	44.21	22.63	20.00	4.74	8.42	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.438	DF= 4	PROB=0.6558	
PHI	0.113			
CONTINGENCY COEFFICIENT	0.113			
CRAMER'S V	0.113			
LIKELIHOOD RATIO CHISQUARE	2.634	DF= 4	PROB=0.6208	

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

(1) YES	49
(2) NO	0

Table 142

PT NCO SAMPLE

QUESTION 124 BY SEX (D)

Q124 D

FREQUENCY / PERCENT / ROW PCT / COL PCT	FEMALE	MALE	TOTAL
0	24 12.63 17.02 80.00	117 61.58 82.98 73.13	141 74.21
1	6 3.16 12.24 20.00	43 22.63 87.76 26.88	49 25.79
TOTAL	30 15.79	160 84.21	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.624	DF= 1	PROB=0.4296
PHI	0.057		
CONTINGENCY COEFFICIENT	0.057		
CRAMER'S V	0.057		
LIKELIHOOD RATIO CHISQUARE	0.653	DF= 1	PROB=0.4192
CONTINUITY ADJ. CHI-SQUARE	0.316	DF= 1	PROB=0.5738
FISHER'S EXACT TEST (1-TAIL)			PROB=0.2934
(2-TAIL)			PROB=0.5022

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

(1) YES	49
(2) NO	0

Table 143

PT NCO SAMPLE

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

Q124 WTCD

FREQUENCY / PERCENT / ROW PCT / COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
0	127 66.84 90.07 73.84	14 7.37 9.93 77.78	141 74.21
1	45 23.68 91.84 26.16	4 2.11 8.16 22.22	49 25.79
TOTAL	172 90.53	18 9.47	190 100.00

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	0.132	DF= 1	PROB=0.7162
PHI	-0.026		
CONTINGENCY COEFFICIENT	0.026		
CRAMER'S V	0.026		
LIKELIHOOD RATIO CHISQUARE	0.136	DF= 1	PROB=0.7122
CONTINUITY ADJ. CHI-SQUARE	0.006	DF= 1	PROB=0.9359
FISHER'S EXACT TEST (1-TAIL)			PROB=0.4833
(2-TAIL)			PROB=1.0000

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

(1) YES 49

(2) NO 0

Table 144

PT NCO 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	18 9.47 12.77 85.71	17 8.95 12.06 70.83	39 20.53 27.66 76.47	67 35.26 47.52 71.28	141 74.21
1	3 1.58 6.12 14.29	7 3.68 14.29 29.17	12 6.32 24.49 23.53	27 14.21 55.10 28.72	49 25.79
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.154	DF= 3	PROB=0.5411	
PHI	0.106			
CONTINGENCY COEFFICIENT	0.106			
CRAMER'S V	0.106			
LIKELIHOOD RATIO CHISQUARE	2.335	DF= 3	PROB=0.5059	

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

(1) YES 49

(2) NO 0

Table 145

PT NCO SAMPLE

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

Q124 MAXFAT

FREQUENCY / PERCENT / ROW PCT / COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
0	108 56.84 76.60 75.00	33 17.37 23.40 71.74	141 74.21
1	36 18.95 73.47 25.00	13 6.84 26.53 28.26	49 25.79
TOTAL	144 75.79	46 24.21	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.194	DF= 1	PROB=0.6599
PHI	0.032		
CONTINGENCY COEFFICIENT	0.032		
CRAMER'S V	0.032		
LIKELIHOOD RATIO CHISQUARE	0.191	DF= 1	PROB=0.6620
CONTINUITY ADJ. CHI-SQUARE	0.061	DF= 1	PROB=0.8053
FISHER'S EXACT TEST (1-TAIL)			PROB=0.3969
(2-TAIL)			PROB=0.7001

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

(1) YES	49
(2) NO	0

Table 146

PT NCO SAMPLE

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

Q124	MUFID					
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	59 31.05 41.84 75.64	18 9.47 12.77 94.74	13 6.84 9.22 68.42	21 11.05 14.89 72.41	30 15.79 21.28 66.67	141 74.21
1	19 10.00 38.78 24.36	1 0.53 2.04 5.26	6 3.16 12.24 31.58	8 4.21 16.33 27.59	15 7.89 30.61 33.33	49 25.79
TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	5.986	DF= 4	PROB=0.2002	
PHI	0.177			
CONTINGENCY COEFFICIENT	0.175			
CRAMER'S V	0.177			
LIKELIHOOD RATIO CHISQUARE	7.329	DF= 4	PROB=0.1195	

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

(1) YES 49

(2) NO 0

Table 147

PT NCO SAMPLE

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

Q124	MIFID					
FREQUENCY / PERCENT / ROW PCT / COL PCT	Low				High	TOTAL
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	
0	65 34.21 46.10 83.33	26 13.68 18.44 81.25	15 7.89 10.64 83.33	16 8.42 11.35 64.00	19 10.00 13.48 51.35	141 74.21
1	13 6.84 26.53 16.67	6 3.16 12.24 18.75	3 1.58 6.12 16.67	9 4.74 18.37 36.00	18 9.47 36.73 48.65	49 25.79
TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	16.467	DF= 4	PROB=0.0025
PHI	0.294		
CONTINGENCY COEFFICIENT	0.282		
CRAMER'S V	0.294		
LIKELIHOOD RATIO CHISQUARE	15.591	DF= 4	PROB=0.0036

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

(1) YES 49

(2) NO 0

Table 148

PT MCO 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	68 35.79 48.23 79.07	1 0.53 0.71 100.00	1 0.53 0.71 100.00	1 0.53 0.71 50.00	70 36.84 49.65 70.00	141 74.21
1	18 9.47 36.73 20.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53 2.04 50.00	30 15.79 61.22 30.00	49 25.79
TOTAL	86 45.26	1 0.53	1 0.53	2 1.05	100 52.63	190 100.00

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	3.295	DF=	4	PROB=0.5097
PHI	0.132			
CONTINGENCY COEFFICIENT	0.131			
CRAMER'S V	0.132			
LIKELIHOOD RATIO CHISQUARE	3.734	DF=	4	PROB=0.4432

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

(1) YES	49
(2) NO	0

Table 149

PT NCO 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	17	87	37	124
	.	50.58	21.51	72.09
	.	70.16	29.84	
	.	74.36	67.27	
1	1	30	18	48
	.	17.44	10.47	27.91
	.	62.50	37.50	
	.	25.64	32.73	
TOTAL	.	117	55	172
	.	68.02	31.98	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.934	DF= 1	PROB=0.3339	
PHI	0.074			
CONTINGENCY COEFFICIENT	0.073			
CRAMER'S V	0.074			
LIKELIHOOD RATIO CHISQUARE	0.919	DF= 1	PROB=0.3378	
CONTINUITY ADJ. CHI-SQUARE	0.615	DF= 1	PROB=0.4330	
FISHER'S EXACT TEST (1-TAIL)			PROB=0.2155	
(2-TAIL)			PROB=0.3648	

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

(1) YES	49
(2) NO	0

Table 150

PT NCO 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	51 26.84 36.17 82.26	16 8.42 11.35 53.33	46 24.21 32.62 74.19	12 6.32 8.51 75.00	16 8.42 11.35 80.00	141 74.21
1	11 5.79 22.45 17.74	14 7.37 28.57 46.67	16 8.42 32.65 25.81	4 2.11 8.16 25.00	4 2.11 8.16 20.00	49 25.79
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	9.286	DF= 4	PROB=0.0543	
PHI	0.221			
CONTINGENCY COEFFICIENT	0.216			
CRAMER'S V	0.221			
LIKELIHOOD RATIO CHISQUARE	8.683	DF= 4	PROB=0.0695	

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

(1) YES 49

(2) NO 0

Table 151

PT NCO SAMPLE

QUESTION 124 BY SCALED ARMY CONCERN -
mean of Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)

Q124	MARC				
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
0	110 57.89 78.01 78.01	27 14.21 19.15 60.00	3 1.58 2.13 100.00	1 0.53 0.71 100.00	141 74.21
1	31 16.32 63.27 21.99	18 9.47 36.73 40.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49 25.79
TOTAL	141 74.21	45 23.68	3 1.58	1 0.53	190 100.00

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	7.204	DF= 3	PROB=0.0657
PHI	0.195		
CONTINGENCY COEFFICIENT	0.191		
CRAMER'S V	0.195		
LIKELIHOOD RATIO CHISQUARE	7.812	DF= 3	PROB=0.0501

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

(1) YES 49

(2) NO 0

WEIGHT CONTROL

Tables 152 to 194

Table 152

PT NCO SAMPLE

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

CM / WTCD FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
.	1 . . .	0 . . .	. .
21 TO 29	31 16.40 93.94 18.13	2 1.06 6.06 11.11	33 17.46
31 TO 39	129 68.25 89.58 75.44	15 7.94 10.42 83.33	144 76.19
40 AND MORE	11 5.82 91.67 6.43	1 0.53 8.33 5.56	12 6.35
TOTAL	171 90.48	18 9.52	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	0.612	DF=	2	PROB=0.7363
PHI	0.057			
CONTINGENCY COEFFICIENT	0.057			
CRAMER'S V	0.057			
LIKELIHOOD RATIO CHISQUARE	0.671	DF=	2	PROB=0.7149

Table 153

PT NCO 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
OTHER	34 17.89 82.93 19.77	7 3.68 17.07 38.89	41 21.58
MTF	72 37.89 91.14 41.86	7 3.68 8.86 38.89	79 41.58
RES	4 2.11 100.00 2.33	0 0.00 0.00 0.00	4 2.11
FLD	53 27.89 92.98 30.81	4 2.11 7.02 22.22	57 30.00
STF	9 4.74 100.00 5.23	0 0.00 0.00 0.00	9 4.74
TOTAL	172 90.53	18 9.47	190 100.00

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	4.557	DF= 4	PROB=0.3358
PHI	0.155		
CONTINGENCY COEFFICIENT	0.153		
CRAMER'S V	0.155		
LIKELIHOOD RATIO CHISQUARE	5.343	DF= 4	PROB=0.2538

Table 154

PT NCO 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
ACCEPTABLE	27 16.88 18.24 84.38	61 38.13 41.22 92.42	4 2.50 2.70 100.00	48 30.00 32.43 96.00	8 5.00 5.41 100.00	148 92.50
UNACCEPTABLE	5 3.13 41.67 15.63	5 3.13 41.67 7.58	0 0.00 0.00 0.00	2 1.25 16.67 4.00	0 0.00 0.00 0.00	12 7.50
TOTAL	32 20.00	66 41.25	4 2.50	50 31.25	8 5.00	160 100.00

Table 155

PT NCO SAMPLE

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

CONTROLLED FOR FEMALE

WTCD	E					
FREQUENCY PERCENT ROW PCT COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
ACCEPTABLE	7 23.33 29.17 77.78	11 36.67 45.83 84.62	0 . . .	5 16.67 20.83 71.43	1 3.33 4.17 100.00	24 80.00
UNACCEPTABLE	2 6.67 33.33 22.22	2 6.67 33.33 15.38	0 . . .	2 6.67 33.33 28.57	0 0.00 0.00 0.00	6 20.00
TOTAL	9 30.00	13 43.33	.	7 23.33	1 3.33	30 100.00

Table 156

PT NCO SAMPLE

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

WTCD F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
ACCEPTABLE	76 40.00 44.19 90.48	39 20.53 22.67 90.70	34 17.89 19.77 89.47	9 4.74 5.23 100.00	14 7.37 8.14 87.50	172 90.53
UNACCEPTABLE	8 4.21 44.44 9.52	4 2.11 22.22 9.30	4 2.11 22.22 10.53	0 0.00 0.00 0.00	2 1.05 11.11 12.50	18 9.47
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	1.164	DF= 4	PROB=0.8841
PHI	0.078		
CONTINGENCY COEFFICIENT	0.078		
CRAMER'S V	0.078		
LIKELIHOOD RATIO CHISQUARE	1.998	DF= 4	PROB=0.7362

Table 157

PT NCO SAMPLE

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

WTCD	MOS				
FREQUENCY PERCENT ROW PCT COL PCT	MEDICS	NURS SPEC	OTHER PT CARE	NON PT CARE	TOTAL
ACCEPTABLE	58 30.53 33.72 90.63	34 17.89 19.77 87.18	40 21.05 23.26 95.24	40 21.05 23.26 88.89	172 90.53
UNACCEPTABLE	6 3.16 33.33 9.38	5 2.63 27.78 12.82	2 1.05 11.11 4.76	5 2.63 27.78 11.11	18 9.47
TOTAL	64 33.68	39 20.53	42 22.11	45 23.68	190 100.00

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	1.738	DF= 3	PROB=0.6285
PHI	0.096		
CONTINGENCY COEFFICIENT	0.095		
CRAMER'S V	0.096		
LIKELIHOOD RATIO CHISQUARE	1.906	DF= 3	PROB=0.5921

Table 158

PT NCO SAMPLE

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

WTCD / PTCODE FREQUENCY PERCENT ROW PCT COL PCT	.	PASSED	FAILED	TOTAL
ACCEPTABLE	17	106	49	155
	.	61.63	28.49	90.12
	.	68.39	31.61	
	.	90.60	89.09	
UNACCEPTABLE	1	11	6	17
	.	6.40	3.49	9.88
	.	64.71	35.29	
	.	9.40	10.91	
TOTAL	.	117	55	172
	.	68.02	31.98	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.095	DF= 1	PROB=0.7574	
PHI	0.024			
CONTINGENCY COEFFICIENT	0.024			
CRAMER'S V	0.024			
LIKELIHOOD RATIO CHISQUARE	0.094	DF= 1	PROB=0.7592	
CONTINUITY ADJ. CHI-SQUARE	0.001	DF= 1	PROB=0.9721	
FISHER'S EXACT TEST (1-TAIL)			PROB=0.4753	
(2-TAIL)			PROB=0.7872	

Table 159

PT NCO 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
ACCEPTABLE	57 30.00 33.14 91.94	27 14.21 15.70 90.00	54 28.42 31.40 87.10	15 7.89 8.72 93.75	19 10.00 11.05 95.00	172 90.53
UNACCEPTABLE	5 2.63 27.78 8.06	3 1.58 16.67 10.00	8 4.21 44.44 12.90	1 0.53 5.56 6.25	1 0.53 5.56 5.00	18 9.47
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

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	1.664	DF=	4	PROB=0.7972
PHI	0.094			
CONTINGENCY COEFFICIENT	0.093			
CRAMER'S V	0.094			
LIKELIHOOD RATIO CHISQUARE	1.705	DF=	4	PROB=0.7898

Table 160

PT NCO 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	6 3.75 28.57 18.75	6 3.75 28.57 9.09	1 0.63 4.76 25.00	8 5.00 38.10 16.00	0 0.00 0.00 0.00	21 13.13
16 TO 20	3 1.88 14.29 9.38	10 6.25 47.62 15.15	0 0.00 0.00 0.00	7 4.38 33.33 14.00	1 0.63 4.76 12.50	21 13.13
20 TO 24	6 3.75 15.38 18.75	18 11.25 46.15 27.27	1 0.63 2.56 25.00	11 6.88 28.21 22.00	3 1.88 7.69 37.50	39 24.38
GT 24	17 10.63 21.52 53.13	32 20.00 40.51 48.48	2 1.25 2.53 50.00	24 15.00 30.38 48.00	4 2.50 5.06 50.00	79 49.38
TOTAL	32 20.00	66 41.25	4 2.50	50 31.25	8 5.00	160 100.00

Table 161

PT NCO 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 . . .	0 . . .	0 . . .	0 . . .	0 0.00
16 TO 20	1 3.33 33.33 11.11	1 3.33 33.33 7.69	0 . . .	1 3.33 33.33 14.29	0 0.00 0.00 0.00	3 10.00
20 TO 24	4 13.33 33.33 44.44	5 16.67 41.67 38.46	0 . . .	2 6.67 16.67 28.57	1 3.33 8.33 100.00	12 40.00
GT 24	4 13.33 26.67 44.44	7 23.33 46.67 53.85	0 . . .	4 13.33 26.67 57.14	0 0.00 0.00 0.00	15 50.00
TOTAL	9 30.00	13 43.33	. .	7 23.33	1 3.33	30 100.00

Table 162

PT NCO SAMPLE

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

PFATRNG D

FREQUENCY / PERCENT / ROW PCT / COL PCT	FEMALE	MALE	TOTAL
LE 16	0 0.00 0.00 0.00	21 11.05 100.00 13.13	21 11.05
16 TO 20	3 1.58 12.50 10.00	21 11.05 87.50 13.13	24 12.63
20 TO 24	12 6.32 23.53 40.00	39 20.53 76.47 24.38	51 26.84
GT 24	15 7.89 15.96 50.00	79 41.58 84.04 49.38	94 49.47
TOTAL	30 15.79	160 84.21	190 100.00

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	6.433	DF= 3	PROB=0.0924
PHI	0.184		
CONTINGENCY COEFFICIENT	0.181		
CRAMER'S V	0.184		
LIKELIHOOD RATIO CHISQUARE	9.481	DF= 3	PROB=0.0235

Table 163

PT NCO 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	30 15.79 20.83 73.17	63 33.16 43.75 79.75	3 1.58 2.08 75.00	42 22.11 29.17 73.68	6 3.16 4.17 66.67	144 75.79
UNACCEPTABLE	11 5.79 23.91 26.83	16 8.42 34.78 20.25	1 0.53 2.17 25.00	15 7.89 32.61 26.32	3 1.58 6.52 33.33	46 24.21
TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	1.375	DF= 4	PROB=0.8486
PHI	0.085		
CONTINGENCY COEFFICIENT	0.085		
CRAMER'S V	0.085		
LIKELIHOOD RATIO CHISQUARE	1.368	DF= 4	PROB=0.8498

Table 164

PT NCO SAMPLE

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

MAXFAT F

FREQUENCY / PERCENT / ROW PCT / COL PCT	FORSCOM	TRADOC	OCONUS	HSC - DARCOM	OTHER	TOTAL
ACCEPTABLE	66 34.74 45.83 78.57	33 17.37 22.92 76.74	28 14.74 19.44 73.68	7 3.68 4.86 77.78	10 5.26 6.94 62.50	144 75.79
UNACCEPTABLE	18 9.47 39.13 21.43	10 5.26 21.74 23.26	10 5.26 21.74 26.32	2 1.05 4.35 22.22	6 3.16 13.04 37.50	46 24.21
TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.027	DF= 4	PROB=0.7308	
PHI	0.103			
CONTINGENCY COEFFICIENT	0.103			
CRAMER'S V	0.103			
LIKELIHOOD RATIO CHISQUARE	1.890	DF= 4	PROB=0.7559	

Table 165

PT NCO SAMPLE

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

MAXFAT MOS

FREQUENCY / PERCENT / ROW PCT / COL PCT	MEDICS	NURS SPEC	OTHER PT CARE	NON PT CARE	TOTAL
ACCEPTABLE	48 25.26 33.33 75.00	29 15.26 20.14 74.36	31 16.32 21.53 73.81	36 18.95 25.00 80.00	144 75.79
UNACCEPTABLE	16 8.42 34.78 25.00	10 5.26 21.74 25.64	11 5.79 23.91 26.19	9 4.74 19.57 20.00	46 24.21
TOTAL	64 33.68	39 20.53	42 22.11	45 23.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.590	DF= 3	PROB=0.8988	
PHI	0.056			
CONTINGENCY COEFFICIENT	0.056			
CRAMER'S V	0.056			
LIKELIHOOD RATIO CHISQUARE	0.606	DF= 3	PROB=0.8949	

Table 166

PT NCO 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	129 67.89 89.58 75.00	15 7.89 10.42 83.33	144 75.79
UNACCEPTABLE	43 22.63 93.48 25.00	3 1.58 6.52 16.67	46 24.21
TOTAL	172 90.53	18 9.47	190 100.00

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	0.617	DF=	1	PROB=0.4323
PHI	-0.057			
CONTINGENCY COEFFICIENT	0.057			
CRAMER'S V	0.057			
LIKELIHOOD RATIO CHISQUARE	0.664	DF=	1	PROB=0.4150
CONTINUITY ADJ. CHI-SQUARE	0.246	DF=	1	PROB=0.6198
FISHER'S EXACT TEST (1-TAIL)				PROB=0.3222
(2-TAIL)				PROB=0.5696

Table 167

PT NCO 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	TOTAL
	LE 19	20 TO 39	40 TO 59	60 TO 79	80 TO 100	
ACCEPTABLE	61 32.11 42.36 78.21	12 6.32 8.33 63.16	16 8.42 11.11 84.21	19 10.00 13.19 65.52	36 18.95 25.00 80.00	144 75.79
UNACCEPTABLE	17 8.95 36.96 21.79	7 3.68 15.22 36.84	3 1.58 6.52 15.79	10 5.26 21.74 34.48	9 4.74 19.57 20.00	46 24.21
TOTAL	78 41.05	19 10.00	19 10.00	29 15.26	45 23.68	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.737	DF= 4	PROB=0.3154	
PHI	0.158			
CONTINGENCY COEFFICIENT	0.156			
CRAMER'S V	0.158			
LIKELIHOOD RATIO CHISQUARE	4.556	DF= 4	PROB=0.3360	

Table 168

PT NCO 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 LE 19	20 TO 39	40 TO 59	60 TO 79	High 80 TO 10 0	TOTAL
ACCEPTABLE	61 32.11 42.36 78.21	25 13.16 17.36 78.13	13 6.84 9.03 72.22	17 8.95 11.81 68.00	28 14.74 19.44 75.68	144 75.79
UNACCEPTABLE	17 8.95 36.96 21.79	7 3.68 15.22 21.88	5 2.63 10.87 27.78	8 4.21 17.39 32.00	9 4.74 19.57 24.32	46 24.21
TOTAL	78 41.05	32 16.84	18 9.47	25 13.16	37 19.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.295	DF= 4	PROB=0.8622
PHI	0.083		
CONTINGENCY COEFFICIENT	0.082		
CRAMER'S V	0.083		
LIKELIHOOD RATIO CHISQUARE	1.248	DF= 4	PROB=0.8701

Table 169

PT NCO 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	11	91	42	133
	.	52.91	24.42	77.33
	.	68.42	31.58	
	.	77.78	76.36	
UNACCEPTABLE	7	26	13	39
	.	15.12	7.56	22.67
	.	66.67	33.33	
	.	22.22	23.64	
TOTAL	.	117	55	172
	.	68.02	31.98	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.043	DF=	1	PROB=0.8363
PHI	0.016			
CONTINGENCY COEFFICIENT	0.016			
CRAMER'S V	0.016			
LIKELIHOOD RATIO CHISQUARE	0.042	DF=	1	PROB=0.8368
CONTINUITY ADJ. CHI-SQUARE	0.000	DF=	1	PROB=0.9909
FISHER'S EXACT TEST (1-TAIL)				PROB=0.4903
(2-TAIL)				PROB=0.8470

Table 170

PT NCO 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	42 22.11 29.17 67.74	24 12.63 16.67 80.00	47 24.74 32.64 75.81	14 7.37 9.72 87.50	17 8.95 11.81 85.00	144 75.79
UNACCEPTABLE	20 10.53 43.48 32.26	6 3.16 13.04 20.00	15 7.89 32.61 24.19	2 1.05 4.35 12.50	3 1.58 6.52 15.00	46 24.21
TOTAL	62 32.63	30 15.79	62 32.63	16 8.42	20 10.53	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.599	DF= 4	PROB=0.3310	
PHI	0.156			
CONTINGENCY COEFFICIENT	0.154			
CRAMER'S V	0.156			
LIKELIHOOD RATIO CHISQUARE	4.758	DF= 4	PROB=0.3130	

Table 171

PT NCO 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	64 33.68 74.42 44.44	22 11.58 25.58 47.83	86 45.26
20 TO 39	1 0.53 100.00 0.69	0 0.00 0.00 0.00	1 0.53
40 TO 59	1 0.53 100.00 0.69	0 0.00 0.00 0.00	1 0.53
High — 60 TO 79	2 1.05 100.00 1.39	0 0.00 0.00 0.00	2 1.05
80 TO 100	76 40.00 76.00 52.78	24 12.63 24.00 52.17	100 52.63
TOTAL	144 75.79	46 24.21	190 100.00

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	1.368	DF= 4	PROB=0.8497
PHI	0.085		
CONTINGENCY COEFFICIENT	0.085		
CRAMER'S V	0.085		
LIKELIHOOD RATIO CHISQUARE	2.307	DF= 4	PROB=0.6795

Table 173

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (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
High	LE 1.75	11 5.79 9.17 52.38	14 7.37 11.67 58.33	32 16.84 26.67 62.75	63 33.16 52.50 67.02	120 63.16
	1.76 TO 2.50	7 3.68 13.21 33.33	6 3.16 11.32 25.00	16 8.42 30.19 31.37	24 12.63 45.28 25.53	53 27.89
	2.51 TO 3.25	2 1.05 16.67 9.52	4 2.11 33.33 16.67	2 1.05 16.67 3.92	4 2.11 33.33 4.26	12 6.32
Low	GT 3.25	1 0.53 20.00 4.76	0 0.00 0.00 0.00	1 0.53 20.00 1.96	3 1.58 60.00 3.19	5 2.63
	TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

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	8.103	DF= 9	PROB=0.5238
PHI	0.207		
CONTINGENCY COEFFICIENT	0.202		
CRAMER'S V	0.119		
LIKELIHOOD RATIO CHISQUARE	7.506	DF= 9	PROB=0.5844

Table 174

PT NCO SAMPLE

SCALED RATING OF INDOOR FACILITIES - MEAN OF Q16, Q17, Q19, Q23, & Q29 (MFACIN)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MFACIN	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High LE 1.75	89 46.84 74.17 61.81	31 16.32 25.83 67.39	120 63.16
1.76 TO 2.50	41 21.58 77.36 28.47	12 6.32 22.64 26.09	53 27.89
2.51 TO 3.25	10 5.26 83.33 6.94	2 1.05 16.67 4.35	12 6.32
GT 3.25 Low	4 2.11 80.00 2.78	1 0.53 20.00 2.17	5 2.63
TOTAL	144 75.79	46 24.21	190 100.00

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	0.664	DF= 3	PROB=0.8817
PHI	0.059		
CONTINGENCY COEFFICIENT	0.059		
CRAMER'S V	0.059		
LIKELIHOOD RATIO CHISQUARE	0.697	DF= 3	PROB=0.8740

Table 175

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, Q27 (MFACOUT)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

MFACOUT / PFATRNG	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
LE 1.75 (High)	14	20	37	67	138
	7.37	10.53	19.47	35.26	72.63
	10.14	14.49	26.81	48.55	
	66.67	83.33	72.55	71.28	
1.76 TO 2.50	5	2	10	21	38
	2.63	1.05	5.26	11.05	20.00
	13.16	5.26	26.32	55.26	
	23.81	8.33	19.61	22.34	
2.51 TO 3.25	1	2	4	6	13
	0.53	1.05	2.11	3.16	6.84
	7.69	15.38	30.77	46.15	
	4.76	8.33	7.84	6.38	
GT 3.25 (Low)	1	0	0	0	1
	0.53	0.00	0.00	0.00	0.53
	100.00	0.00	0.00	0.00	
	4.76	0.00	0.00	0.00	
TOTAL	21	24	51	94	190
	11.05	12.63	26.84	49.47	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	10.914	DF= 9	PROB=0.2816
PHI	0.240		
CONTINGENCY COEFFICIENT	0.233		
CRAMER'S V	0.138		
LIKELIHOOD RATIO CHISQUARE	7.712	DF= 9	PROB=0.5634

Table 176

PT NCO SAMPLE

SCALED RATING OF OUTDOOR FACILITIES - MEAN OF Q7, Q11, Q14, & Q27 (MFACOUT)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MFACOUT	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
LE 1.75 (High)	107 56.32 77.54 74.31	31 16.32 22.46 67.39	138 72.63
1.76 TO 2.50	26 13.68 68.42 18.06	12 6.32 31.58 26.09	38 20.00
2.51 TO 3.25	10 5.26 76.92 6.94	3 1.58 23.08 6.52	13 6.84
GT 3.25 (Low)	1 0.53 100.00 0.69	0 0.00 0.00 0.00	1 0.53
TOTAL	144 75.79	46 24.21	190 100.00

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	1.682	DF=	3	PROB=0.6408
PHI	0.094			
CONTINGENCY COEFFICIENT	0.094			
CRAMER'S V	0.094			
LIKELIHOOD RATIO CHISQUARE	1.855	DF=	3	PROB=0.6030

Table 177

PT NCO 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		
	FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High	LE 1.75	136 71.58 90.67 79.07	14 7.37 9.33 77.78	150 78.95
	1.76 TO 2.50	31 16.32 88.57 18.02	4 2.11 11.43 22.22	35 18.42
	2.51 TO 3.25	4 2.11 100.00 2.33	0 0.00 0.00 0.00	4 2.11
Low	GT 3.25	1 0.53 100.00 0.58	0 0.00 0.00 0.00	1 0.53
	TOTAL	172 90.53	18 9.47	190 100.00

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	0.683	DF= 3	PROB=0.8773
PHI	0.060		
CONTINGENCY COEFFICIENT	0.060		
CRAMER'S V	0.060		
LIKELIHOOD RATIO CHISQUARE	1.146	DF= 3	PROB=0.7660

Table 178

PT NCO 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
High — LE 1.75	17 8.95 11.33 80.95	21 11.05 14.00 87.50	38 20.00 25.33 74.51	74 38.95 49.33 78.72	150 78.95
1.76 TO 2.50	4 2.11 11.43 19.05	2 1.05 5.71 8.33	11 5.79 31.43 21.57	18 9.47 51.43 19.15	35 18.42
2.51 TO 3.25	0 0.00 0.00 0.00	1 0.53 25.00 4.17	2 1.05 50.00 3.92	1 0.53 25.00 1.06	4 2.11
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	1 0.53 100.00 1.06	1 0.53
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

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	5.224	DF= 9	PROB=0.8144
PHI	0.166		
CONTINGENCY COEFFICIENT	0.164		
CRAMER'S V	0.096		
LIKELIHOOD RATIO CHISQUARE	6.212	DF= 9	PROB=0.7186

Table 179

PT NCO 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 1.75	112	38	150
	58.95	20.00	78.95
	74.67	25.33	
	77.78	82.61	
1.76 TO 2.50	28	7	35
	14.74	3.68	18.42
	80.00	20.00	
	19.44	15.22	
2.51 TO 3.25	4	0	4
	2.11	0.00	2.11
	100.00	0.00	
	2.78	0.00	
GT 3.25 — Low	0	1	1
	0.00	0.53	0.53
	0.00	100.00	
	0.00	2.17	
TOTAL	144	46	190
	75.79	24.21	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	4.849	DF=	3	PROB=0.1832
PHI	0.160			
CONTINGENCY COEFFICIENT	0.158			
CRAMER'S V	0.160			
LIKELIHOOD RATIO CHISQUARE	5.509	DF=	3	PROB=0.1381

Table 180

PT NCO SAMPLE

SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (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	110 57.89 78.01 76.39	31 16.32 21.99 67.39	141 74.21
1.76 TO 2.50	32 16.84 71.11 22.22	13 6.84 28.89 28.26	45 23.68
2.51 TO 3.25	1 0.53 33.33 0.69	2 1.05 66.67 4.35	3 1.58
GT 3.25 — Low	1 0.53 100.00 0.69	0 0.00 0.00 0.00	1 0.53
TOTAL	144 75.79	46 24.21	190 100.00

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	4.184	DF= 3	PROB=0.2423
PHI	0.148		
CONTINGENCY COEFFICIENT	0.147		
CRAMER'S V	0.148		
LIKELIHOOD RATIO CHISQUARE	3.868	DF= 3	PROB=0.2761

Table 181

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MIMPEX	WTCD		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
LE 1.75 (High)	84 44.21 90.32 48.84	9 4.74 9.68 50.00	93 48.95
1.76 TO 2.50	81 42.63 90.00 47.09	9 4.74 10.00 50.00	90 47.37
2.51 TO 3.25 (Low)	7 3.68 100.00 4.07	0 0.00 0.00 0.00	7 3.68
TOTAL	172 90.53	18 9.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.766	DF= 2	PROB=0.6818
PHI	0.064		
CONTINGENCY COEFFICIENT	0.063		
CRAMER'S V	0.064		
LIKELIHOOD RATIO CHISQUARE	1.426	DF= 2	PROB=0.4901

Table 182

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (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
High LE 1.75	15 7.89 16.13 71.43	11 5.79 11.83 45.83	21 11.05 22.58 41.18	46 24.21 49.46 48.94	93 48.95
1.76 TO 2.50	6 3.16 6.67 28.57	12 6.32 13.33 50.00	28 14.74 31.11 54.90	44 23.16 48.89 46.81	90 47.37
Low 2.51 TO 3.25	0 0.00 0.00 0.00	1 0.53 14.29 4.17	2 1.05 28.57 3.92	4 2.11 57.14 4.26	7 3.68
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

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	5.944	DF= 6	PROB=0.4295	
PHI	0.177			
CONTINGENCY COEFFICIENT	0.174			
CRAMER'S V	0.125			
LIKELIHOOD RATIO CHISQUARE	6.709	DF= 6	PROB=0.3486	

Table 183

PT NCO SAMPLE

SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)
BY BODY FAT STATUS PER AR 600-9 (MAXFAT)

MIMPEX	MAXFAT		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High — LE 1.75	71 37.37 76.34 49.31	22 11.58 23.66 47.83	93 48.95
1.76 TO 2.50	67 35.26 74.44 46.53	23 12.11 25.56 50.00	90 47.37
Low — 2.51 TO 3.25	6 3.16 85.71 4.17	1 0.53 14.29 2.17	7 3.68
TOTAL	144 75.79	46 24.21	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.480	DF= 2	PROB=0.7866
PHI	0.050		
CONTINGENCY COEFFICIENT	0.050		
CRAMER'S V	0.050		
LIKELIHOOD RATIO CHISQUARE	0.525	DF= 2	PROB=0.7691

Table 184

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY TYPE OF UNIT (E)

MWTAW E

	FREQUENCY / PERCENT / ROW PCT / COL PCT	OTHER	MTF	RES	FLD	STF	TOTAL
High	LE 1.75	30 15.79 19.87 73.17	64 33.68 42.38 81.01	1 0.53 0.66 25.00	52 27.37 34.44 91.23	4 2.11 2.65 44.44	151 79.47
	1.76 TO 2.50	8 4.21 23.53 19.51	13 6.84 38.24 16.46	3 1.58 8.82 75.00	5 2.63 14.71 8.77	5 2.63 14.71 55.56	34 17.89
	2.51 TO 3.25	2 1.05 50.00 4.88	2 1.05 50.00 2.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.11
Low	GT 3.25	1 0.53 100.00 2.44	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 0.53
	TOTAL	41 21.58	79 41.58	4 2.11	57 30.00	9 4.74	190 100.00

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	28.001	DF= 12	PROB=0.0055
PHI	0.384		
CONTINGENCY COEFFICIENT	0.358		
CRAMER'S V	0.222		
LIKELIHOOD RATIO CHISQUARE	24.048	DF= 12	PROB=0.0200

Table 185

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY MACOM CONTROLLING POST (F)

MWTAW	F					
FREQUENCY PERCENT ROW PCT COL PCT	FORSCOM	TRADOC	OCONUS	MSC - DARCOM	OTHER	TOTAL
High LE 1.75	66 34.74 43.71 78.57	35 18.42 23.18 81.40	31 16.32 20.53 81.58	6 3.16 3.97 66.67	13 6.84 8.61 81.25	151 79.47
1.76 TO 2.50	14 7.37 41.18 16.67	8 4.21 23.53 18.60	6 3.16 17.65 15.79	3 1.58 8.82 33.33	3 1.58 8.82 18.75	34 17.89
2.51 TO 3.25	3 1.58 75.00 3.57	0 0.00 0.00 0.00	1 0.53 25.00 2.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.11
GT 3.25	1 0.53 100.00 1.19	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 0.53
Low TOTAL	84 44.21	43 22.63	38 20.00	9 4.74	16 8.42	190 100.00

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	5.225	DF= 12	PROB=0.9500
PHI	0.166		
CONTINGENCY COEFFICIENT	0.164		
CRAMER'S V	0.096		
LIKELIHOOD RATIO CHISQUARE	6.645	DF= 12	PROB=0.8802

Table 186

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SEX (D)

MWTAW	D		
FREQUENCY PERCENT ROW PCT COL PCT	FEMALE	MALE	TOTAL
LE 1.75	21 11.05 13.91 70.00	130 68.42 86.09 81.25	151 79.47
1.76 TO 2.50	9 4.74 26.47 30.00	25 13.16 73.53 15.63	34 17.89
2.51 TO 3.25	0 0.00 0.00 0.00	4 2.11 100.00 2.50	4 2.11
GT 3.25	0 0.00 0.00 0.00	1 0.53 100.00 0.63	1 0.53
TOTAL	30 15.79	160 84.21	190 100.00

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	4.257	DF=	3	PROB=0.2350
PHI	0.150			
CONTINGENCY COEFFICIENT	0.148			
CRAMER'S V	0.150			
LIKELIHOOD RATIO CHISQUARE	4.653	DF=	3	PROB=0.1990

Table 187

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

MWTAW	WTCD		
FREQUENCY PERCENT ROW PCT COL PCT	ACCEPTABLE	UNACCEPTABLE	TOTAL
High LE 1.75	142 74.74 94.04 82.56	9 4.74 5.96 50.00	151 79.47
1.76 TO 2.50	26 13.68 76.47 15.12	8 4.21 23.53 44.44	34 17.89
2.51 TO 3.25	3 1.58 75.00 1.74	1 0.53 25.00 5.56	4 2.11
Low GT 3.25	1 0.53 100.00 0.58	0 0.00 0.00 0.00	1 0.53
TOTAL	172 90.53	18 9.47	190 100.00

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	11.235	DF= 3	PROB=0.0105
PHI	0.243		
CONTINGENCY COEFFICIENT	0.236		
CRAMER'S V	0.243		
LIKELIHOOD RATIO CHISQUARE	9.265	DF= 3	PROB=0.0260

Table 188

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SCALED PERCENT BODY FAT (PFATRNG)

MWTAW	PFATRNG				
FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
High LE 1.75	19 10.00 12.58 90.48	22 11.58 14.57 91.67	41 21.58 27.15 80.39	69 36.32 45.70 73.40	151 79.47
1.76 TO 2.50	1 0.53 2.94 4.76	1 0.53 2.94 4.17	10 5.26 29.41 19.61	22 11.58 64.71 23.40	34 17.89
2.51 TO 3.25	0 0.00 0.00 0.00	1 0.53 25.00 4.17	0 0.00 0.00 0.00	3 1.58 75.00 3.19	4 2.11
GT 3.25 Low	1 0.53 100.00 4.76	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	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

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	18.014	DF= 9	PROB=0.0350
PHI	0.308		
CONTINGENCY COEFFICIENT	0.294		
CRAMER'S V	0.178		
LIKELIHOOD RATIO CHISQUARE	17.529	DF= 9	PROB=0.0410

Table 189

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, 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	118 62.11 78.15 81.94	33 17.37 21.85 71.74	151 79.47
1.76 TO 2.50	24 12.63 70.59 16.67	10 5.26 29.41 21.74	34 17.89
2.51 TO 3.25	1 0.53 25.00 0.69	3 1.58 75.00 6.52	4 2.11
GT 3.25 — Low	1 0.53 100.00 0.69	0 0.00 0.00 0.00	1 0.53
TOTAL	144 75.79	46 24.21	190 100.00

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	6.901	DF= 3	PROB=0.0751
PHI	0.191		
CONTINGENCY COEFFICIENT	0.187		
CRAMER'S V	0.191		
LIKELIHOOD RATIO CHISQUARE	6.068	DF= 3	PROB=0.1084

Table 190

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SCALED ARMY CONCERN - MEAN OF Q137, Q138, Q149, Q161, Q169, & Q185 (MARC)

MWTAW	MARC	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	127 66.84 84.11 90.07	23 12.11 15.23 51.11	0 0.00 0.00 0.00	1 0.53 0.66 100.00	151 79.47
	1.76 TO 2.50	12 6.32 35.29 8.51	21 11.05 61.76 46.67	1 0.53 2.94 33.33	0 0.00 0.00 0.00	34 17.89
	2.51 TO 3.25	1 0.53 25.00 0.71	1 0.53 25.00 2.22	2 1.05 50.00 66.67	0 0.00 0.00 0.00	4 2.11
Low	GT 3.25	1 0.53 100.00 0.71	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	141 74.21	45 23.68	3 1.58	1 0.53	190 100.00

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	98.392	DF= 9	PROB=0.0001
PHI	0.720		
CONTINGENCY COEFFICIENT	0.584		
CRAMER'S V	0.415		
LIKELIHOOD RATIO CHISQUARE	47.963	DF= 9	PROB=0.0001

Table 191

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
BY SCALED ARMY NUTRITION - MEAN OF Q169, Q172, & Q174 (MARN)

MWTAW	MARN	High		Low	
	FREQUENCY PERCENT ROW PCT COL PCT	LE 1.75	1.76 TO 2.50	2.51 TO 3.25	TOTAL
High	LE 1.75	143 75.26 94.70 82.18	8 4.21 5.30 53.33	0 0.00 0.00 0.00	151 79.47
	1.76 TO 2.50	28 14.74 82.35 16.09	6 3.16 17.65 40.00	0 0.00 0.00 0.00	34 17.89
	2.51 TO 3.25	2 1.05 50.00 1.15	1 0.53 25.00 6.67	1 0.53 25.00 100.00	4 2.11
Low	GT 3.25	1 0.53 100.00 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
	TOTAL	174 91.58	15 7.89	1 0.53	190 100.00

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	54.687	DF= 6	PROB=0.0001
PHI	0.536		
CONTINGENCY COEFFICIENT	0.473		
CRAMER'S V	0.379		
LIKELIHOOD RATIO CHISQUARE	14.697	DF= 6	PROB=0.0228

Table 192

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, Q184, & Q185 (MWTAW)
SCALED EXERCISE IMPORTANCE - MEAN OF Q149-Q156, Q160, & Q172 (MIMPEX)

MWTAW	MIMPEX	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	81 42.63 53.64 87.10	66 34.74 43.71 73.33	4 2.11 2.65 57.14	151 79.47
	1.76 TO 2.50	10 5.26 29.41 10.75	21 11.05 61.76 23.33	3 1.58 8.82 42.86	34 17.89
	2.51 TO 3.25	1 0.53 25.00 1.08	3 1.58 75.00 3.33	0 0.00 0.00 0.00	4 2.11
Low	GT 3.25	1 0.53 100.00 1.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.53
	TOTAL	93 48.95	90 47.37	7 3.68	190 100.00

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	10.426	DF= 6	PROB=0.1078
PHI	0.234		
CONTINGENCY COEFFICIENT	0.228		
CRAMER'S V	0.166		
LIKELIHOOD RATIO CHISQUARE	10.626	DF= 6	PROB=0.1006

Table 193

PT NCO SAMPLE

SCALED WEIGHT AWARENESS - MEAN OF Q157, Q159, Q166, 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	81 42.63 53.64 79.41	70 36.84 46.36 79.55	151 79.47
1.76 TO 2.50	20 10.53 58.82 19.61	14 7.37 41.18 15.91	34 17.89
2.51 TO 3.25	1 0.53 25.00 0.98	3 1.58 75.00 3.41	4 2.11
Low — GT 3.25	0 0.00 0.00 0.00	1 0.53 100.00 1.14	1 0.53
TOTAL	102 53.68	88 46.32	190 100.00

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	2.844	DF= 3	PROB=0.4163
PHI	0.122		
CONTINGENCY COEFFICIENT	0.121		
CRAMER'S V	0.122		
LIKELIHOOD RATIO CHISQUARE	3.267	DF= 3	PROB=0.3523

Table 194

PT NCO SAMPLE

SMOKING AS REPORTED IN Q96 to Q99 (SMOKE)
BY SCALED PERCENT OF BODY FAT (PFATRNG)

SMOKE / PFATRNG FREQUENCY PERCENT ROW PCT COL PCT	LE 16	16 TO 20	20 TO 24	GT 24	TOTAL
NONE	12 6.32 11.76 57.14	10 5.26 9.80 41.67	29 15.26 28.43 56.86	51 26.84 50.00 54.26	102 53.68
PRESENT	9 4.74 10.23 42.86	14 7.37 15.91 58.33	22 11.58 25.00 43.14	43 22.63 48.86 45.74	88 46.32
TOTAL	21 11.05	24 12.63	51 26.84	94 49.47	190 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.715	DF= 3	PROB=0.6337	
PHI	0.095			
CONTINGENCY COEFFICIENT	0.095			
CRAMER'S V	0.095			
LIKELIHOOD RATIO CHISQUARE	1.713	DF= 3	PROB=0.6341	

MULTIVARIATE ANALYSES

Tables 195 to 209

Table 195

PT NCO SAMPLE

MULTIVARIATE ANALYSES

FORWARD SELECTION PROCEDURE FOR DEPENDENT VARIABLE
PERCENT OF BODY FAT (PFAT)

R Square = 0.27 Multiple R = .52

	F	PROB F
Age	2.74	0.1023
Sex	2.15	0.1475
IFID	2.22	0.1409
IMPEX	2.38	0.1272
UFID	5.22	0.0254
PTSCOR	10.34	0.0020

See Glossary of Variables for Definitions of Variables

Table 196

PT NCO SAMPLE

MULTIVARIATE ANALYSES

FORWARD SELECTION PROCEDURE FOR DEPENDENT VARIABLE
APRT SCORE (PTSCOR)

R Square = 0.41 Multiple R = .64

	F	PROB F
Age	1.45	0.2324
Sex	9.68	0.0027
IFID	9.13	0.0035
IMPEX	2.25	0.1379
UFID	7.19	0.0091
PFAT	10.34	0.0020

See Glassary of Variables for Definitions of Variables

Table 197

PT NCO SAMPLE

MULTIVARIATE ANALYSES

FORWARD SELECTION PROCEDURE FOR DEPENDENT VARIABLE
SUMMED UNIT AND INDIVIDUAL EXERCISE FREQUENCY TIMES INTENSITY TIMES DURATION (SFID)

R Square = 0.32 Multiple R = .56

	F	PROB F
Sex	1.64	0.2050
IFID	5.10	0.0270
IMPEX	3.50	0.0654
UFID	17.06	0.0001

See Glassary of Variables for Definitions of Variables

Table 198

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO QUESTION 124

From Q124	Into No	Yes	TOTAL
No	23 95.83%	1 4.17%	24 100%
Yes	0 0%	12 100%	12 100%
TOTAL	23 63.89%	13 36.11%	36 100%
PRIORS	0.6667	0.3333	

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 duriny the past year as a result of your physical training? (Any activity-disrupting injury should be counted.)

(1) YES

(2) NO

Table 199

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED QUESTION 124

From Q124	Into No	Yes	TOTAL
No	49 92.45%	4 7.55%	53 100%
Yes	14 58.33%	10 41.67%	24 100%
TOTAL	63 81.82%	14 18.18%	77 100%
PRIORS	0.6883	0.3117	

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 NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MAJOR

From MAJOR	Into No	Yes	TOTAL
No	23 100%	0 0%	23 100%
Yes	1 7.69%	12 91.31%	13 100%
TOTAL	24 66.67%	11 33.33%	36 100%
PRIORS	0.6389	0.3611	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

Table 201

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MAJOR

From MAJOR	Into No	Yes	TOTAL
No	51 94.44%	3 5.56%	54 100%
Yes	19 82.61%	4 17.39%	23 100%
TOTAL	70 90.91%	7 9.09%	77 100%
PRIORS	0.7013	0.2987	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 202

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MINOR

From MINOR	Into No	Yes	TOTAL
No	25 100%	0 0%	25 100%
Yes	0 0	11 100%	11 100%
TOTAL	25 69.44%	11 30.56%	36 100%
PRIORS	0.6944	0.3056	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

Table 203

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MINOR

From MINOR	Into No	Yes	TOTAL
No	48 92.31%	4 7.69%	52 100%
Yes	21 84.00%	4 16.00%	25 100%
TOTAL	69 89.61%	8 10.39%	77 100%
PRIORS	0.6753	0.3247	

Note - Discriminators used (see glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 204

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO HEIGHT/WEIGHT STATUS PER AR 600-9 (WTCD)

From WTCD	Into No	Yes	TOTAL
No	67 94.37%	4 5.63%	71 100%
Yes	4 66.67%	2 33.33%	6 100%
TOTAL	71 92.21%	6 7.79%	77 100%
PRIORS	0.9221	0.0779	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 205

PT NCO 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	53 86.89%	8 13.11%	61 100%
Unacceptable	7 43.75%	9 56.25%	16 100%
TOTAL	60 77.92%	17 22.08%	77 100%
PRIORS	0.7922	0.2078	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	UFID
Sex	PFAT
IFID	PTSCOR
IMPEX	

Table 206

PT NCO 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
Passed	62 100%	0 0%	62 100%
Failed	4 26.67%	11 73.33%	15 100%
TOTAL	66 85.71%	11 14.29%	77 100%
PRIORS	0.8052	0.1948	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age	IMPEX
Sex	SPT
FACIN	UFID
FACOUT	PFAT
IFID	PTSCOR

Table 207

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO TYPE OF UNIT (E)

From (E)	Into MTF	Research	Field	Staff	TOTAL
MTF	14 70.00%	5 25.00%	0 0%	1 5.00%	20 100%
Research	0 0%	0 0%	0 0%	1 100%	1 100%
Field	4 13.79%	18 62.07%	1 3.45%	6 20.69%	29 100%
Staff	0 0%	3 100%	0 0%	0 0%	3 100%
Other	1 4.17%	7 29.17%	0 0%	16 66.67%	24 100%
TOTALS	19 24.68%	33 42.86%	1 1.30%	24 31.17%	77 100%
PRIORS	0.2632	0.3816	0.0395	0.3158	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 208

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MACOM CONTROLLING POST (F)

From (F)	Into FORSCOM	TRADOC	HSC/ DARCOM	OCONUS	TOTAL
Other	8 100%	0 0%	0 0%	0 0%	8 100%
FORSCOM	33 86.84%	1 2.63%	0 0%	4 10.53%	38 100%
TRADOC	9 69.23%	3 23.08%	0 0%	1 7.69%	13 100%
HSC/ DARCOM	3 75.00%	0 0%	1 25.00%	0 0%	4 100%
OCONUS	7 50.00%	0 0%	0 0%	7 50.00%	14 100%
TOTALS	60 77.92%	4 5.19%	1 1.30%	12 15.58%	77 100%
PRIORS	0.5507	0.1884	0.0580	0.2029	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

Table 209

PT NCO SAMPLE

MULTIVARIATE ANALYSES

NUMBER OF OBSERVATIONS AND PERCENTS CLASSIFIED INTO MOS

From MOS	Into Medics	Nursing Spec	Other PC Spec	Non PC Spec	TOTAL
Medics	24 82.76%	3 10.34%	1 3.45%	1 3.45%	29 100%
Nursing Spec	7 36.84%	9 47.37%	2 10.53%	1 5.26%	19 100%
Other PC Spec	4 26.67%	1 6.67%	9 60.00%	1 6.67%	15 100%
Non PC Spec	7 50.00%	1 7.14%	1 7.14%	5 35.71%	14 100%
TOTALS	42 54.55%	14 18.18%	13 16.88%	8 10.39%	77 100%
PRIORS	0.3766	0.2468	0.1948	0.1818	

Note - Discriminators used (See glossary of variables for definitions of variables):

Age
Sex
IFID
IMPEX
UFID
PFAT
PTSCOR

ANNEX A

SURVEY INSTRUMENT

ANNEX A

DEPARTMENT OF THE ARMY
US ARMY HEALTH CARE STUDIES AND CLINICAL INVESTIGATION ACTIVITY
FORT SAM HOUSTON, TEXAS 78234

HSHN-H

25 April 1983

SUBJECT: Request for Participation in Study

AMEDD NCO Advanced (NCOES) Course Students:

1. 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 measures of your strength, stamina, body fat content, and body weight, and to administer a survey instrument covering lifestyle, nature of fitness programs, injury information, and attitudes toward 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.

2. 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.

3. 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 this report may be sent to:

Commander
US Army HCSCIA
ATTN: HSHN-H (CPT J.M. King)
Fort Sam Houston, TX 78234

4. Completion of this survey (Incl 1) will constitute your agreement to complete all aspects of the study.

1 Incl
as

J. M. KING
CPT, MSC
Principal Investigator

DONALD E. O'BRIEN
MAJ, MSC
Associate Investigator

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 with your unit and/or individually. If you were involved in both unit and individual programs please answer each accordingly. Choose only one answer per question for questions 1-6.

If your last unit had no physical training program, proceed to question 4.

1. What was the INTENSITY of your unit exercise?

(5)	Sustained heavy breathing and perspiration - as in running, swimming laps.	74
(4)	Intermittent heavy breathing and perspiration - as in tennis, basketball.	3
(3)	Moderately heavy - as in cycling, down-hill skiing.	7
(2)	Moderate - as in volleyball, softball.	15
(1)	Light - as in fishing, slow walking.	9

2. What was the DURATION of an average unit exercise period?

(4)	Over 30 minutes.	76
(3)	20-30 minutes.	34
(2)	10-20 minutes.	8
(1)	Under 10 minutes.	9

3. How OFTEN were unit exercise periods held?

(5)	Daily or almost daily.	21
(4)	3-5 times a week.	70
(3)	1-2 times a week.	1
(2)	A few times a month.	4
(1)	Less than once a month.	12

If you had no individual exercise program, proceed to question 7.

4. What was the INTENSITY of your personal exercise?

(5)	Sustained heavy breathing and perspiration - as in running, swimming laps.	61
(4)	Intermittent heavy breathing and perspiration - as in tennis, basketball.	36
(3)	Moderately heavy - as in cycling, down-hill skiing.	13
(2)	Moderate - as in volleyball, softball.	2
(1)	Light - as in fishing, slow walking.	10

5. What was the DURATION of an average personal exercise period?

(4)	Over 30 minutes.	78
(3)	20-30 minutes.	48
(2)	10-20 minutes.	20
(1)	Under 10 minutes.	3

6. How OFTEN did you exercise on your own?

(5)	Daily or almost daily.	16
(4)	3-5 times a week.	2
(3)	1-2 times a week.	44
(2)	A few times a month.	28
(1)	Less than once a month.	3

Please indicate the quality of the facilities provided at your last duty station for the activities listed in questions 7-29. 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.

7.	Calisthenics	1=38	2=59	3=26	4=8	5=0	6=59
8.	Log drill	1=4	2=10	3=7	4=7	5=0	6=162
9.	Grass drill	1=16	2=32	3=20	4=20	5=42	6=59
10.	Strength circuits	1=10	2=26	3=10	4=11	5=0	6=133
11.	Running	1=60	2=73	3=18	4=6	5=0	6=33
12.	Guerilla exercise and Combatives	1=12	2=12	3=12	4=12	5=70	6=72
13.	Relays/Team contests	1=11	2=33	3=19	4=16	5=0	6=111
14.	Softball	1=42	2=87	3=20	4=9	5=0	6=32
15.	Football	1=35	2=73	3=22	4=9	5=18	6=33
16.	Volleyball	1=30	2=69	3=26	4=19	5=0	6=46
17.	Basketball	1=48	2=81	3=16	4=9	5=0	6=36
18.	Handball	1=30	2=60	3=22	4=11	5=21	6=46
19.	Raquetball	1=38	2=65	3=13	4=13	5=0	6=61
20.	Squash	1=9	2=17	3=17	4=10	5=0	6=137
21.	Tennis	1=32	2=63	3=23	4=21	5=8	6=43
22.	Soccer	1=20	2=46	3=23	4=15	5=0	6=86
23.	Weight training	1=36	2=58	3=36	4=14	5=0	6=46
24.	Obstacle/Confidence Course	1=22	2=31	3=17	4=15	5=48	6=57
25.	Golf	1=40	2=56	3=15	4=11	5=0	6=68
26.	Bicycling	1=33	2=46	3=23	4=19	5=0	6=69
27.	Walking/Marching	1=60	2=57	3=24	4=11	5=11	6=27
28.	Orienteering	1=16	2=17	3=19	4=16	5=0	6=122
29.	Swimming	1=45	2=57	3=30	4=14	5=0	6=44

Please indicate the extent to which each of the activities listed in questions 30-52 was a part of your individual physical training program during the last year. If you had no individual physical training program, proceed to question 53.

Use the following scale:

(1) = Always, (2) = Often, (3) = Seldom, (4) = Never

30.	Calisthenics	1=48	2=35	3=36	4=29
31.	Log drill	1=0	2=6	3=4	4=136
32.	Grass drill	1=1	2=15	3=22	4=108
33.	Strength circuits	1=4	2=9	3=24	4=108
34.	Running	1=58	2=49	3=32	4=10
35.	Guerilla exercise and Combatives	1=4	2=6	3=10	4=125
36.	Relays/Team contests	1=6	2=14	3=16	4=110
37.	Softball	1=10	2=24	3=44	4=69
38.	Football	1=6	2=18	3=26	4=97
39.	Volleyball	1=6	2=16	3=43	4=82
40.	Basketball	1=15	2=20	3=29	4=82
41.	Handball	1=4	2=5	3=22	4=115
42.	Raquetball	1=14	2=16	3=22	4=95
43.	Squash	1=0	2=3	3=5	4=138
44.	Tennis	1=4	2=16	3=28	4=99
45.	Soccer	1=3	2=9	3=17	4=118
46.	Weight training	1=13	2=28	3=46	4=60
47.	Obstacle/Confidence Course	1=4	2=5	3=23	4=114
48.	Golf	1=7	2=7	3=18	4=114
49.	Bicycling	1=8	2=30	3=40	4=67
50.	Walking/Marching	1=28	2=59	3=33	4=28
51.	Orienteering	1=1	2=9	3=21	4=113
52.	Swimming	1=6	2=20	3=59	4=60

Please indicate the extent to which each of the activities listed in questions 53-75 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 80. Use the following scale:

(1) = Always, (2) = Often, (3) = Seldom, (4) = Never, (5) = Don't know

53.	Calisthenics	1=79	2=19	3=14	4=23	5=0
54.	Log drill	1=0	2=2	3=7	4=111	5=14
55.	Grass drill	1=3	2=15	3=22	4=80	5=0
56.	Strength circuits	1=3	2=8	3=10	4=91	5=0
57.	Running	1=84	2=26	3=13	4=13	5=3
58.	Guerilla exercise and Combatives	1=3	2=11	3=9	4=95	5=0
59.	Relays/Team contests	1=5	2=11	3=27	4=81	5=0
60.	Softball	1=15	2=30	3=30	4=55	5=5
61.	Football	1=14	2=25	3=22	4=66	5=0
62.	Volleyball	1=13	2=32	3=29	4=57	5=0
63.	Basketball	1=18	2=25	3=30	4=59	5=2
64.	Handball	1=6	2=5	3=18	4=94	5=0
65.	Raquetball	1=10	2=6	3=15	4=93	5=0
66.	Squash	1=2	2=4	3=7	4=101	5=19
67.	Tennis	1=3	2=5	3=18	4=97	5=0
68.	Soccer	1=2	2=7	3=15	4=95	5=0
69.	Weight training	1=8	2=14	3=15	4=87	5=9
70.	Obstacle/Confidence Course	1=5	2=5	3=16	4=93	5=0
71.	Golf	1=5	2=2	3=11	4=102	5=0
72.	Bicycling	1=3	2=5	3=10	4=102	5=12
73.	Walking/Marching	1=24	2=13	3=30	4=59	5=0
74.	Orienteering	1=4	2=5	3=15	4=89	5=0
75.	Swimming	1=3	2=6	3=26	4=89	5=10

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

(1) Always	19
(2) Often	17
(3) Seldom	36
(4) Never	70

77. Please evaluate your last unit's exercise program on the following scale:

(1) Excellent.	20
(2) Better than the average unit's.	61
(3) Poorer than average.	36
(4) Very poor.	24

78. Mandatory exercise sessions at my unit were held:

(1) Before normal duty hours.	50
(2) During normal duty hours.	38
(3) After normal duty hours.	18
(4) N/A - Sessions not mandatory.	0

79. There was an adequate water point available at the place where my unit conducted its exercise sessions (e.g., a water fountain).

(1) Always	50
(2) Often	22
(3) Seldom	17
(4) Never	54

80. Please evaluate your own level of exercise during the past year relative to other soldiers of your age, sex, and MOS.

(1) Very active	40
(2) Above average	79
(3) Below average	45
(4) Very inactive	15

81. If PT sessions were not mandatory at my unit, I was allowed time for exercise during normal duty hours.

(1) Always	23
(2) Often	15
(3) Seldom	30
(4) Never	0
(5) N/A - Sessions were mandatory	0

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

(1) Always	73
(2) Often	49
(3) Seldom	25
(4) Never	34

If you had no unit exercise program, proceed to question 85.

83. The most frequently used type of footwear for unit exercise periods at my last unit was:

(1) Combat boots.	2
(2) Sneakers/Tennis shoes.	69
(3) Running shoes.	54
(4) Other.	4

84. The most frequently used type of clothing for unit exercise periods at my last unit was:

(1) Fatigues/BDU.	41
(2) Sweatsuit/Warm-up suit.	41
(3) Shorts & T-shirt.	34
(4) Other clothing.	7

If you had no individual exercise program, proceed to question 87.

85. For my individual exercise periods, I used the following type of footwear most frequently:

(1)	Combat boots.	2
(2)	Sneakers/Tennis shoes.	68
(3)	Running shoes.	78
(4)	Other.	2

86. For my individual exercise periods, I usually wore:

(1)	Fatigues/BDU.	9
(2)	Sweatsuit/Warm-up suit.	74
(3)	Shorts & T-shirt.	53
(4)	Other clothing.	10

87. There were adequate, conveniently located, shower facilities available to me after PT.

(1)	Always	82
(2)	Often	30
(3)	Seldom	20
(4)	Never	27
(5)	N/A - No PT	0

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

(1)	Always	53
(2)	Often	18
(3)	Seldom	20
(4)	Never	67
(5)	N/A - No PT	20

89. In my individual exercise periods I usually ran on the following surface:

(1)	Track.	3
(2)	Dirt/Grass.	15
(3)	Asphalt.	47
(4)	Concrete.	12
(5)	Combination of the above.	73
(6)	I did not run.	0

90. At my last unit we usually held unit runs on the following surface:

(1)	Track.	7
(2)	Dirt/Grass.	11
(3)	Asphalt.	60
(4)	Concrete.	9
(5)	Combination of the above.	44
(6)	Unit did not run.	47

91. At my last unit, PT tests were usually ran on the following surface:

(1)	Track.	38
(2)	Dirt/Grass.	35
(3)	Asphalt.	48
(4)	Concrete.	11
(5)	Combination of the above.	44
(6)	Unit had no PT test.	2

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=13 1=9 2=2 3=7 5=7 7=1 8=1 9=61

93. My unit cool-down periods lasted _____ minutes.
0=25 1=13 2=4 3=3 4=4 5=7 9=44

If you had no individual physical training program, proceed to question 96.

94. My individual warm-up periods lasted _____ minutes.
0=19 1=27 2=5 3=3 4=3 5=16 7=1 9=58

95. My individual cool-down periods lasted _____ minutes.
0=17 1=15 2=1 3=4 4=1 5=13 6=1 7=1 9=70

SECTION 3

In this section, we would like to gather information on a number of your health-related behaviors. 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.

31 (0) 0 cigarettes 21 (1) 1-10 cigarettes 26 (2) 11-20 cigarettes
23 (3) 21-30 cigarettes 17 (4) 31-40 cigarettes 4 (5) 41 or more cigarettes

97. I smoke _____ cigars each day. 0= 98 1=6 2=1 3=3 4=1 9=2

EXAMPLE: (1)= 1 cigar (9)= 9 or more cigars (0)= 0 cigars, etc.

98. I smoke _____ bowls of pipe tobacco each day?
0=102 1=4 2=3 3=2 4=1 5=1 6=1 9=1
EXAMPLE: (1)= 1 bowl (9)= 9 or more bowls 0)= 0 bowls, etc.

99. I have been smoking for _____ years.
0=21 1=4 3=1 5=1 6=1 7=1 8=2 9=78
EXAMPLE: (1)= 1 or (2)= 2 years (9)= 9 or more years

If you do not drink, proceed to question 102.

100. I drink _____ beers each day.
0=52 1=44 2=6 3=5 4=4 8=1 9=2
EXAMPLE: (1)= 1 beer (9) = 9 or more beers (0) = no beers, etc.

101. Other than beer, I consume _____ drinks each day.
0=59 1=26 2=15 3=1 4=1 7=2 8=2 9=1
EXAMPLE: (1) = 1 drink (2) = 2 drinks (9) = 9 or more drinks

102. I quit smoking:

(1) On my own - gradually	11
(2) On my own - "cold turkey"	24
(3) With Army medical assistance	0
(4) With Army non-medical assistance (command program)	0
(5) With non-Army medical assistance	0
(6) With non-Army non-medical assistance	1
(7) Never smoked	41
(8) Tried to quit and failed	52
(9) Never tried to quit, still smoke	31

103. If you tried to quit smoking, indicate the method(s) used. (Mark as many as apply.)

(1) On my own - gradually.	22
(2) On my own - "cold turkey".	37
(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.	1
(7) Other method.	8

104. The main reason I quit smoking was: (Mark one.)

(1) For health reasons.	23
(2) Because of the expense.	5
(3) Because of a desire to change my lifestyle.	14
(4) Because of family pressure.	3
(5) Because of peer pressure.	0
(6) Because of command pressure.	1
(7) Never smoked.	26
(8) Tried to quit and failed.	41
(9) Never tried to quit, still smoke.	18

If you never drank, proceed to question 108.

105. I used to drink, but I quit:

(1) On my own.	39
(2) With Army medical assistance.	3
(3) With Army non-medical assistance (CDAAC).	0
(4) With non-Army non-medical assistance.	3
(5) With non-Army medical assistance.	0
(6) Other method.	8

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.	55
(2) With Army medical assistance.	0
(3) With Army non-medical assistance.	2
(4) With non-Army medical assistance.	0
(5) With non-Army non-medical assistance.	1
(6) Other method.	0

107. The main reason I began to control my drinking was:

(1) For health reasons.	24
(2) Because of the expense.	4
(3) Because of a desire to change my lifestyle.	39
(4) Because of family pressure.	4
(5) Because of peer pressure.	1
(6) Because of command pressure.	4

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) = Civilian Publications.
(7) = Radio/Television.
(8) = Friends and neighbors.
(9) = Peer group.
(0) = No reliable source known.

108. Smoking
0=19 1=21 2=4 3=4 4=15 5=3 6=35 7=53 8=7 9=4

109. Alcohol Consumption
0=19 1=32 2=11 3=9 4=12 5=7 6=27 7=38 8=5 9=5

110. Athletic Clothing and Footwear
0=21 1=9 2=7 3=5 4=26 5=2 6=41 7=36 8=8 9=10

111. Conduct of unit physical training and exercise programs
0=20 1=37 2=69 3=20 4=1 5=2 6=3 7=3 8=1 9=9

112. Injury prevention in Physical Training
0=24 1=62 2=23 3=10 4=5 5=1 6=21 7=7 8=4 9=7

113. Remedial Physical Training
0=22 1=48 2=61 3=19 4=1 5=0 6=3 7=2 8=0 9=9

114. Nutrition
0=19 1=78 2=4 3=4 4=13 5=2 6=31 7=8 8=4 9=1

115. Weight Loss/Weight Control
0=12 1=81 2=19 3=13 4=4 5=5 6=18 7=7 8=3 9=3

116. Conduct of individual physical training and exercise programs
0=18 1=32 2=50 3=19 4=7 5=5 6=20 7=4 8=3 9=7

117. Health benefits of fitness
0=16 1=52 2=14 3=8 4=9 5=4 6=38 7=16 8=3 9=4

118. Psychological benefits of fitness
0=25 1=48 2=14 3=8 4=10 5=2 6=37 7=12 8=4 9=4

119. Work capacity and fitness
0=29 1=40 2=24 3=11 4=11 5=3 6=28 7=8 8=3 9=5

120. Warm-up and cool-down activities
0=34 1=39 2=24 3=9 4=7 5=6 6=28 7=4 8=4 9=5

121. Treatment of exercise injuries
0=24 1=95 2=5 3=7 4=5 5=0 6=17 7=5 8=1 9=2

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	16
(2) Often	10
(3) Seldom	10
(4) Never	42

123. Did the MEDDAC/MEDCEN PROVIDE follow-up on the programs addressed in question 122?

(1) Always	12
(2) Often	13
(3) Seldom	6
(4) Never	41

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 49

(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=8 1=22 2=12 3=9 4=5 5=2 6=1 9=3
Of the injuries reported in 125., how many: (0) = 0, (1) = 1, (9) = 9 or more

126. ____ Were successfully self-treated?
0=148 1=25 2=7 3=7 4=1 5=2

127. ____ Resulted in your going on sick call or visiting the emergency room?
0=26 1=23 2=3 3=7 4=1 9=1

128. ____ Resulted in your hospitalization?
0=176 1=9 2=5

129. ____ Resulted in your being referred to a clinic beyond the emergency room or sick call?
0=160 1=20 2=6 3=3 9=1

130. ____ Caused you to receive a permanent profile?
0=176 1=5 2=9

131. ____ Caused you to receive a temporary profile?
0=156 1=21 2=8 3=2 4=2 7=1

132. ____ Did not result in a profile? (If you answered 0, proceed to question 136.)
0=165 1=12 2=7 3=2 4=2 7=2

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=166 1=8 2=9 3=3 4=3 6=1

134. ____ Caused you to change your daily activity or PT level for 8-30 days?
0=175 1=8 2=1 3=2 4=3 5=1

135. ____ Caused you to change your daily activity or PT level for 31 or more days?
0=173 1=7 2=5 3=2 4=3

136. What is your preferred method of dealing with a physical training or athletic injury?

(1) Ignore it and continue activity.	5
(2) Temporarily stop activity.	37
(3) Treatment at an Army Medical Treatment Facility.	74
(4) Self-treatment.	54
(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	46
(2) Agree	96
(3) Disagree	28
(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	45
(2) Agree	88
(3) Disagree	32
(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	122
(2) NO, proceed to question 142.	57

140. Do you consult this manual for information on physical training?

(1) Always	22
(2) Often	56
(3) Seldom	47
(4) Never	11

141. Is this manual of value to you?

(1) Great	48
(2) Some	66
(3) None	4
(4) N/A - I don't use it.	13

142. Are you familiar with the contents of DA PAM 350-15, Commander's Handbook on Physical Fitness?

(1) YES	30
(2) NO, proceed to question 144.	0

143. Is this publication of value to you?

(1) Great	9
(2) Some	21
(3) None	12
(4) N/A - I don't use it.	10

144. The standards required to pass the Army Physical Readiness Test are:

(1) Too harsh for females.	8
(2) Just right for females.	40
(3) Too low for females.	0

145. The standards required to pass the Army Physical Readiness Test are:

(1) Too harsh for males.	19
(2) Just right for males.	136
(3) Too low for males.	20

146. To pass my Army Physical Readiness Test, I must expend:

(1) Great effort.	32
(2) Moderate effort.	97
(3) Little effort.	36
(4) No effort.	9

147. Do you attempt to obtain the maximum score on the Army Physicl Readiness Test?

(1) Always	49
(2) Often	48
(3) Seldom	43
(4) Never	35

148. Do you normally pass the Army Physical Readiness Test?

(1) Always	133
(2) Often	35
(3) Seldom	5
(4) Never	1

149. Fitness activities are an important part of my life.

(1) Strongly agree	55
(2) Agree	96
(3) Disagree	22
(4) Strongly disagree	3

150. I structure my day to allow time for physical fitness activities.

(1) Strongly agree	23
(2) Agree	74
(3) Disagree	72
(4) Strongly disagree	8

151. Being physically fit improves my self-image.

(1) Strongly agree	80
(2) Agree	83
(3) Disagree	12
(4) Strongly disagree	3

152. Being physically fit improves my health.

(1) Strongly agree	96
(2) Agree	78
(3) Disagree	1
(4) Strongly disagree	3

153. Being physically fit improves my ability to perform my duties.

(1) Strongly agree	67
(2) Agree	83
(3) Disagree	24
(4) Strongly disagree	4

154. Everything else being equal, a physically fit soldier is more effective than an unfit soldier.

(1) Strongly agree	96
(2) Agree	70
(3) Disagree	10
(4) Strongly disagree	2

155. Everything else being equal, an overweight soldier is less effective than a soldier who is not overweight.

(1) Strongly agree	56
(2) Agree	72
(3) Disagree	43
(4) Strongly disagree	7

156. Being overweight would impair my ability to perform my duties.

(1) Strongly agree	38
(2) Agree	59
(3) Disagree	70
(4) Strongly disagree	10

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	45
(2) Agree	91
(3) Disagree	39
(4) Strongly disagree	3

158. How satisfied are you with your current level of physical fitness?

(1) Very satisfied	17
(2) Satisfied	90
(3) Dissatisfied	61
(4) Very Dissatisfied	10

159. Exercise is an important element in a weight control program.

(1) Strongly agree	83
(2) Agree	82
(3) Disagree	10
(4) Strongly disagree	2

160. Being overweight damages my health.

(1) Strongly agree	73
(2) Agree	82
(3) Disagree	21
(4) Strongly disagree	1

161. I have to watch my weight closely to keep it under control.

(1) Strongly agree	50
(2) Agree	43
(3) Disagree	46
(4) Strongly disagree	38

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 85

(2) NO, proceed to question 171. 88

163. I succeed in my weight control efforts and I have kept the weight off.

(1) Always 25

(2) Often 58

(3) Seldom 9

(4) Never 5

164. How did you attempt to lose weight? (Mark as many as apply.)

(1) Army weight control program 12

(2) Private clinic or spa 7

(3) Nationally known diet 2

(4) Personal diet program 67

165. I am now involved in a weight control effort.

(1) YES - to lose weight. 35

(2) YES - to gain weight. 2

(3) YES - to maintain my weight. 34

(4) NO, proceed to question 168. 0

166. I am now succeeding in this weight control effort.

(1) Strongly agree 22

(2) Agree 42

(3) Disagree 6

(4) Strongly disagree 7

167. How are you attempting to lose the weight? (Mark as many as apply.)

(1) Army weight control program	10
(2) Private clinic or spa	3
(3) Nationally known diet	5
(4) Personal diet program	54

168. I have requested nutritional advice through Army Medical channels for my weight control efforts.

(1) Frequently	3
(2) Occasionally	18
(3) Seldom	18
(4) Never	55

169. Adequate nutritional advice and support have been available to me through Army Medical channels for my weight control efforts.

(1) Strongly agree	21
(2) Agree	38
(3) Disagree	20
(4) Strongly disagree	10

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.	3
(2) Nurse.	1
(3) Dietician.	6
(4) Physical Therapist.	0
(5) Other AMEDD officer/Warrant Officer.	3
(6) Other medical personnel.	0
(7) Other officer.	2
(8) Other personnel.	5
(9) NA	59

171. I am concerned about the nutritional quality of my diet.

(1)	Very concerned	41
(2)	Concerned	80
(3)	Somewhat concerned	34
(4)	Unconcerned	16

172. The Army is concerned about the nutritional quality of my diet.

(1)	Strongly agree	22
(2)	Agree	97
(3)	Disagree	30
(4)	Strongly disagree	0

173. My last unit had training on the importance of good nutrition.

(1)	YES	22
(2)	NO, proceed to question 176.	0

174. This nutrition training was worthwhile.

(1)	Strongly agree	7
(2)	Agree	21
(3)	Disagree	6
(4)	Strongly disagree	1

175. I changed my dietary habits because of this training.

(1)	Very substantially	3
(2)	Substantially	7
(3)	Slightly	12
(4)	Very slightly	1
(5)	Not at all	11

176. My military sources for nutrition information were: (Mark as many as apply.)

(1)	Dietitian.	33
(2)	Nurse.	3
(3)	Physician.	5
(4)	Physician's assistant.	3
(5)	Other AMEDD care provider.	4
(6)	Other Army sources.	14
(7)	Other DOD sources.	1
(8)	No military sources used.	0

177. I eat most of my meals at (Mark only one):

(1)	Military dining facilities.	13
(2)	Officer, NCO clubs.	3
(3)	Exchange restaurants and cafeterias.	3
(4)	Off base restaurants (not fast food)	7
(5)	Fast food establishments.	3
(6)	Own living quarters.	140

178. I usually eat the following meals each day: (Mark as many as apply.)

(1)	Breakfast.	0
(2)	Lunch.	11
(3)	Dinner.	35
(4)	1 snack.	0
(5)	2 snacks.	2
(6)	3 or more snacks.	4

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.	7
(2)	Increase exercise and adjust food consumption.	43
(3)	Exercise at my normal level and change food consumption.	37

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.	7
(2)	Skip lunch.	13
(3)	Skip dinner.	6
(4)	Eliminate one or two types of food or food items, such as desserts, soft drinks, candy, breads and starches.	38
(5)	Reduce portion sizes while eating your usual variety of foods.	16
(6)	Utilize a specific diet.	6

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.	11
(3)	Skip dinner.	6
(4)	Eliminate one or two types of food or food items, such as desserts, soft drinks, candy, breads and starches.	26
(5)	Reduce portion sizes while eating your usual variety of foods.	23
(6)	Utilize a specific diet.	9

182. I have utilized the following types of diets: (Mark as many as apply.)

(1)	Counting calories.	16
(2)	Low carbohydrate, counting carbohydra	6
(3)	Powdered or liquid diets.	1
(4)	Specific calorie level.	3
(5)	Exchange system.	2
(6)	High protein diets.	2
(7)	Other diet system.	22

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.	24
(2)	Low carbohydrate, counting carbohydrates.	5
(3)	Powdered or liquid diets.	8
(4)	Specific calorie level.	4
(5)	Exchange system.	4
(6)	High protein diets.	1
(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	39
(2)	Agree	47
(3)	Disagree	42
(4)	Strongly disagree	41

185. I have to be constantly aware of my weight in order to say within the Army weight standards.

(1)	Strongly agree	39
(2)	Agree	40
(3)	Disagree	43
(4)	Strongly disagree	46

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.	42
(2)	11-20 pounds.	31
(3)	21-30 pounds.	10
(4)	31-40 pounds.	4
(5)	41-50 pounds.	2
(6)	50 or more pounds.	3

187. I attempted to lose this weight because of:

(1)	Appearance.	33
(2)	Army standards.	32
(3)	Health.	8
(4)	Request of spouse or family member.	2
(5)	Other.	7

188. How much of this lost weight have you gained back?

(1)	None	42
(2)	Less than 25%	30
(3)	26-50%	8
(4)	51-75%	6
(5)	76-100%	5
(6)	More than 100% gained back	0

189. How long were you able to maintain this loss?

(1)	1-3 months	22
(2)	4-6 months	25
(3)	7-9 months	10
(4)	10-12 months or more	30

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	163
(2)	NO	9

191. Did this weight control program include a nutrition education component?

(1)	YES	77
(2)	NO	0
(3)	Don't know	0

192. Do you feel that this weight control program was effective?

(1)	Highly effective	17
(2)	Effective	31
(3)	Somewhat effective	58
(4)	Not effective	34
(5)	Don't know	33

Please answer the two questions at the bottom of page 2.

THANK YOU

END

ANNEX B

SKINFOLD DATA SHEET

ANNEX B

Please fill in the following:

NAME:_____ AGE:_____

DATE:_____ _____ SEX: M F (circle one)

SSN:_____

Please do not write below this line:

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

_____% Body Fat

SCORER NUMBER_____

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