

SPECIAL SUBSCALES

The following subscales, which assist in interpreting the results from the standard clinical scales, were scored. Note that in all instances raw scale scores were used and that a 2-standard deviation discrepancy from the male population mean was used for case definitions.

1. Wiener (1948) Obvious and Subtle Scales for Clinical Scales 2, 3, 4, 6, and 9

These scales were developed by grouping items from each of these scales into those that are "easy to detect as indicating emotional disturbance" (obvious), and those that are "relatively difficult to detect" (subtle). As Dahlstrom, Welsh, and Dahlstrom (1972) note: "In general, those subjects who are showing more severe forms of psychopathology tend to endorse the obvious items more than they do the subtle ones, while persons with milder forms of maladjustment will endorse primarily subtle items in their feelings and reactions." (p. 187) Subjects who may be attempting to present a pathological profile may also show higher obvious scores than subtle scores.

Scale	Code	Mean	Std. Dev.	Items
D-Obvious	D-O	9.64	4.92	40
D-Subtle	D-S	10.36	2.77	20
Hy-Obvious	Hy-O	4.67	4.22	32
Hy-Subtle	Hy-S	12.76	4.53	28
Pd-Obvious	Pd-O	5.88	3.62	28
Pd-Subtle	Pd-S	8.89	2.51	22
Pa-Obvious	Pa-O	2.68	2.88	23
Pa-Subtle	Pa-S	6.05	2.33	17
Ma-Obvious	Ma-O	5.88	2.92	23
Ma-Subtle	Ma-S	9.27	2.60	23

2. Harris and Lingoes (1955) Clinical Subscales for Scales 2, 3, 4, 6, 8, and 9

The standard clinical scales are heterogeneous for item content; therefore, to assist clinicians and others in interpreting the scales, researchers have developed subscales of more homogeneous items within each scale. The Harris and Lingoes (1955) scales represent some of the most comprehensive and widely used results of this approach. In our analysis, we used these subscales:

	Code	Description	Mean	Std.	Items
Depression	D1	Subjective depression	6.97	3.46	32
	D2	Psychomotor retardation	5.33	1.81	15
	D3	Physical malfunctioning	3.11	1.45	11
	D4	Mental dullness	2.00	2.02	15
	D5	Brooding	2.20	1.84	10
Hysteria	Hy1	Denial social anxiety	3.47	1.80	6
	Hy2	Need for affection	4.93	2.47	12

Continued

	Code	Description	Mean	Std.	Items
Hysteria – continued					
	Hy3	Lassitude-malaise	2.24	2.37	15
	Hy4	Somatic complaints	2.83	2.51	17
	Hy5	Inhibition aggression	2.56	1.38	7
Psychopath	Pd1	Family discord	1.81	1.72	11
Deviate	Pd2	Authority problems	4.18	1.62	11
	Pd3	Social imperturbability	7.61	2.49	12
	Pd4a	Social alienation	5.35	2.83	18
	Pd4b	Self-alienation	3.86	2.61	15
Paranoia	Pa1	Persecutory ideas	1.97	2.23	17
	Pa2	Poignancy	2.18	1.53	9
	Pa3	Naivete	3.79	2.04	9
Schizophr.	Sc1a	Social alienation	3.53	2.36	21
	Sc1b	Emotional alienation	2.21	1.15	11
	Sc2a	Lack ego mastery, cognitive	1.45	1.60	10
	Sc2b	Lack ego mastery, conative	2.00	1.83	14
	Sc2c	Lack ego mastery, defec. inh.	1.44	1.53	11
	Sc3	Bizzare sensory experiences	2.42	2.47	20
Hypomania	Ma1	Amorality	1.73	1.36	6
	Ma2	Psychomotor acceleration	3.68	1.42	11
	Ma3	Imperturbability	3.43	1.71	8
	Ma4	Ego inflation	2.62	1.63	9

SPECIAL RESEARCH SCALES

The following special research scales were developed to assess various constructs or disorders that the standard MMPI clinical scales do not assess. Some of the scales are based on factor analysis of the MMPI items. We included these scales in the VEIS analysis so that we could address specific hypotheses (PTSD) or have alternative indices of a specific construct (depression, Wiggins Depression Scale). Again, we defined cases as those deviating two standard deviations from the normative means for males.

3. Wiggins Content Scales (1969)

These scales were developed empirically on the basis of individual item content across clinical scales. The 13 scales are considered to be independent and internally consistent, and they represent the content dimensions of the MMPI:

Scale	Code	Mean	Std.dev.	Items
Social maladjustment	SOC	8.36	4.68	27
Depression	DEP	6.91	4.99	33
Feminine interest	FEM	9.12	3.60	30
Poor morale	MOR	7.51	4.54	23
Religious fundamental	REL	6.36	3.05	12
Authority conflict	AUT	9.50	4.02	20
Psychoticism	PSY	7.88	5.59	43
Organic Symptoms	ORG	5.21	4.13	36
Family Problems	FAM	3.66	2.33	16
Manifest Hostility	HOS	8.97	4.72	26
Phobias	PHO	5.47	3.67	26
Hypomania	HYP	11.93	4.44	25
Poor Health	HEA	4.68	3.69	28

4. Welsh Anxiety (A) and Repression (R) Factor Scales (Welsh, 1956)

On the basis of factor analysis of the basic validity and clinical scale, Welsh developed these two scales to assess the two basic dimensions underlying the entire MMPI. High scores on the A scale are generally associated with increasing unhappiness and anxiety. High scores on the R scale are generally associated with increasing internalization, control, and submissiveness. Thirty-nine items make up the A scale, and 40 the R scale. For the A scale, the mean for males is 11.28, and the standard deviation, 7.37. For the R scale, the mean for males is 11.59 and the standard deviation, 3.90.

5. Tryon, Stein, and Chu (1966) Body Symptom (Bs) and Tension (Te) Scales

These two scales were based on a factor analysis of the individual MMPI items. We chose these two scales because of their relevance to specific hypotheses being addressed in this study. The Body Symptom (Bs) scale includes 33 items; the mean is 5.33, and the standard deviation, 4.77. The Tension (Te) scale includes 36 items. The mean is 8.57, and the standard deviation, 5.23.

6. Taylor Manifest Anxiety Scale (1953)

This scale was constructed to select subjects with various anxiety levels for research purposes. Subjects who score high on this scale typically are emotionally affected in stressful situations. Physical and somatic symptoms are common for high scorers, as are problems with concentrating. This scale has 50 items. The mean for males is 12.57, and the standard deviation is 7.57.

7. Ego Strength (Es) Scale

This scale was developed to predict a subject's response to psychotherapy. Subjects with higher scores are typically better adjusted psychologically. This scale has 68 items. The mean for males is 37.66, and the standard deviation, 5.74.

8. Emotional Disorders (Ed) Scale (Dahlstrom, et al. 1972)

This scale was developed to assess general emotional dysfunction among participants in large community screenings. Subjects with higher scores are considered to be "emotionally distressed, anxious, and guilty." This scale has 20 items, a mean for males of 3.15, and the standard deviation, 2.88.

9. MacAndrew (1965) Alcoholism Scale

This scale was developed to differentiate alcoholics from nonalcoholic psychiatric patients. Higher scores represent a higher probability of alcohol abuse. This scale has 49 items, the mean for males is 19.52, standard deviation, 3.58.

10. Drug Abuse Scale (Panton and Brisson, 1971)

This 36-item scale was developed to identify subjects with drug abuse problems. The mean for males is 12.02, standard deviation, 2.66.

11. Post-Traumatic Stress Disorder Scale (PTSD) (Keane, et al. 1984)

This scale was developed on inpatient veterans to identify those with PTSD. A cutoff score of 30 on this 60-item scale was considered the most effective criterion for identifying inpatient veterans with PTSD.

CODE TYPES

Because some research results have suggested that differential diagnostic functions could best be carried out by using multiple-scale analysis, configural analysis in the form of code types was developed as an additional interpretative procedure. Two different approaches to code type development were undertaken. The primary approach was to identify all subjects who had T-scores equal to or greater than 70 on only one clinical scale (single peaks) and on two, three, or four clinical scales. For analysis, subjects who had elevated scores on more than four scales were placed in the "other" category. A review of all of the possible code types, both in elevation order and in scale order, showed very low prevalences for many combinations. Because of this finding, only those code types that had at least 10 subjects in them were further evaluated.

In addition to the above approach, we evaluated all profiles, using the Gilbertstadt-Duker (1965) profile prototypes. These prototypes included the 123, 1234, 1237, 132, 137, 138, 139, 27, 274, 278, 4, 43, 49, 78, 8123, 824, 86, 89, and 9. Because the criteria for these prototypes are so specific, very few VES veterans' profiles fell into one of these code types.

Code types are difficult to interpret. The following descriptions represent only brief labels for various combinations:

12/21-anxious, tense, nervous, somatic discomfort and pain although no evidence for organic basis, dysphoria.

13/31-psychophysiological disorders, conversion symptoms, immaturity, lack psychological insight.

14/41-may have alcohol problems, pessimistic, hypochondriacal symptoms.

18/81-may have bottled-up hostility and aggression, socially inadequate, possible severe psychopathology.

19/91-distress and turmoil, anxious, somatic complaints.

23/32-depression, passivity, dependent, overcontrolled.

24/42-impulsive, unable to delay gratification, little response to social rules and regulations, may have alcohol or drug problem.

27/72-affective distress, overreact to stress, depression, pessimistic.

28/82-anxiety, tension, confused mentation, ineffective, may suggest serious psychopathology.

29/92-feel inadequate, may become depressed.

34/43-anger, may be assaultive, lack insight, possible alcohol problems, passive-aggressive style.

36/63-defiant, mild suspiciousness.

38/83-anxiety, tension, depression, worry, possible disturbed thinking.

45/54-nonconformists, low frustration levels, passive-aggressive.

46/64-passive-dependent, repressed anger, possible suspiciousness.

47/74-acting out, possible alcohol and drug problems, guilt.

48/84-odd, erratic, irritable, unpredictable, alcohol and drug abuse may occur, marginal histories, possible psychosis.

49/94-does not follow social standards, antisocial, self-indulgent.

68/86-little emotional relationship with others, possible psychosis, delusions, schizoid.

69/96-anxious, overreact to stress, ruminative, possible psychosis.

78/87-in turmoil, depressed, worried, confused, panic, inadequate, schizoid, not psychotic.

89/98-hyperactive, labile, pressured, possible psychosis, thought disturbance, disoriented, possible drug abuse.

APPENDIX D

***Additional Results From
the Minnesota Multiphasic Personality Inventory***

Table D.1 Arithmetic Means and Mean Differences for MMPI Clinical Scales Among Vietnam and Non-Vietnam Veterans

Measure	Crude Arithmetic Means (STE)				Crude Results				Multivariate Results							
	Vietnam		Non-Vietnam		Diff		95% CI		Vietnam		Non-Vietnam		Diff			
	Mean	SE	Mean	SE	Mean	SE	Lower	Upper	Mean	SE	Mean	SE	Lower	Upper		
MMPI Scale:																
Scale 1 (Hs)	57.8 (.27)	54.7 (.25)	3.1	2.4, 3.8	58.2	54.7	3.5	2.8, 4.2	59.4	55.4	4.1	3.3, 4.8	59.4	55.4	4.1	3.3, 4.8
Scale 2 (D)	62.8 (.30)	59.6 (.29)	3.1	2.3, 4.0	62.2	58.8	3.4	2.6, 4.2	65.2	61.2	4.0	3.2, 4.8	65.2	61.2	4.0	3.2, 4.8
Scale 3 (Hy)	58.3 (.19)	57.0 (.21)	1.3	0.7, 1.8	58.1	56.3	1.8	1.2, 2.4	58.9	56.6	2.3	1.8, 2.9	58.9	56.6	2.3	1.8, 2.9
Scale 4 (Pd)	61.0 (.24)	60.3 (.26)	0.7	0.0, 1.4	61.9	60.9	1.0	0.4, 1.7	65.2	64.3	0.9	0.3, 1.6	65.2	64.3	0.9	0.3, 1.6
Scale 5 (Mf)	58.8 (.19)	58.8 (.21)	0.0	-0.6, 0.5	59.5	59.2	0.3	-0.2, 0.9	61.4	60.6	0.8	0.3, 1.3	61.4	60.6	0.8	0.3, 1.3
Scale 6 (Pa)	57.4 (.22)	56.3 (.23)	1.1	0.5, 1.8	59.0	56.5	2.5	1.9, 3.1	60.8	58.5	2.3	1.7, 2.9	60.8	58.5	2.3	1.7, 2.9
Scale 7 (Pt)	60.2 (.26)	57.8 (.27)	2.4	1.7, 3.2	60.9	57.5	3.4	2.6, 4.1	63.3	59.5	3.8	3.1, 4.5	63.3	59.5	3.8	3.1, 4.5
Scale 8 (Sc)	60.2 (.32)	57.1 (.31)	3.1	2.3, 4.0	63.1	58.6	4.5	3.7, 5.4	66.9	61.5	5.4	4.5, 6.2	66.9	61.5	5.4	4.5, 6.2
Scale 9 (Ma)	57.8 (.22)	57.7 (.25)	0.1	-0.5, 0.8	60.6	60.8	-0.1	-0.8, 0.5	63.1	63.1	-0.1	-0.7, 0.5	63.1	63.1	-0.1	-0.7, 0.5
Scale 0 (Si)	55.5 (.22)	53.4 (.24)	2.1	1.5, 2.8	53.8	51.9	2.0	1.3, 2.6	54.0	51.5	2.5	1.9, 3.2	54.0	51.5	2.5	1.9, 3.2

^a Model 1 contains the six entry characteristics and interactions with place of service.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, current drug use, and interactions with place of service.

Table D.2 Arithmetic Means and Mean Differences for MMPI Clinical Scales Among Vietnam and Non-Vietnam Veterans, White Veterans

Measure	Crude Arithmetic Mean (STE)			Crude Results			Multivariate Results Model 1 ^a Adjusted Means			Multivariate Results Model 2 ^b Adjusted Means				
	Vietnam	Non-Vietnam		Diff	95% CI		Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI
MMPI Scale														
Scale 1 (HS)	57.1 (.28)	54.5 (.28)	56.0	2.6	1.8, 3.4	55.0	57.1	55.8	1.3	0.2, 1.8	57.1	55.8	1.3	0.5, 2.1
Scale 2 (D)	62.3 (.33)	59.6 (.32)	61.3	2.7	1.8, 3.6	60.0	64.7	62.8	1.9	0.4, 2.2	64.7	62.8	1.9	1.0, 2.8
Scale 3 (Hy)	58.1 (.21)	57.4 (.23)	57.4	0.7	0.1, 1.3	57.5	58.2	58.3	-0.1	-0.7, 0.5	58.2	58.3	-0.1	-0.7, 0.5
Scale 4 (Pd)	60.5 (.26)	60.2 (.28)	60.2	0.3	-0.4, 1.1	61.3	64.5	65.5	-1.0	-1.8, -0.4	64.5	65.5	-1.0	-1.7, -0.3
Scale 5 (Mf)	58.9 (.21)	59.1 (.24)	59.0	-0.2	-0.8, 0.4	58.7	61.6	61.3	0.3	-0.3, 0.9	61.6	61.3	0.3	-0.3, 0.9
Scale 6 (PA)	57.1 (.23)	56.3 (.25)	57.1	0.8	0.2, 1.5	56.4	59.7	58.6	1.1	0.0, 1.4	59.7	58.6	1.1	0.5, 1.8
Scale 7 (Pt)	59.6 (.28)	57.7 (.29)	58.9	1.9	1.1, 2.7	58.6	61.8	60.7	1.2	-0.5, 1.1	61.8	60.7	1.2	0.4, 1.9
Scale 8 (Sc)	59.0 (.33)	56.3 (.33)	58.9	2.7	1.8, 3.6	57.5	63.7	60.9	2.9	0.5, 2.3	63.7	60.9	2.9	2.0, 3.8
Scale 9 (Ma)	56.7 (.24)	56.4 (.26)	57.1	0.4	-0.3, 1.1	57.2	60.2	60.1	0.1	-0.8, 0.6	60.2	60.1	0.1	-0.5, 0.8
Scale 0 (Si)	55.6 (.25)	53.6 (.27)	54.7	2.0	1.3, 2.7	53.8	54.6	52.8	1.8	0.2, 1.6	54.6	52.8	1.8	1.1, 2.5

^a Model 1 contains the six entry characteristics and interactions with place of service.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, current drug use, and interactions with place of service.

Table D.3 Arithmetic Means and Mean Differences for MMPI Clinical Scales Among Vietnam and Non-Vietnam Veterans, Black Veterans

Measure	Crude Arithmetic Means (STE)						Crude Results						Multivariate Results								
	Vietnam		Non-Vietnam		Diff		95% CI		Diff		95% CI		Vietnam		Non-Vietnam		Diff		95% CI		
	Mean	STE	Mean	STE	Diff	95% CI	Diff	95% CI	Mean	STE	Mean	STE	Diff	95% CI	Mean	STE	Mean	STE	Diff	95% CI	
MMPI Scale																					
Scale 1 (Hs)	60.2	(.88)	55.3	(.77)	4.9	2.5, 7.2	60.8	60.8	56.0	56.0	4.7	2.4, 7.1	65.0	65.0	54.7	54.7	10.3	8.0,12.6			
Scale 2 (D)	64.3	(.86)	58.4	(.81)	6.0	3.6, 8.3	64.4	64.4	57.9	57.9	6.6	4.2, 8.9	68.4	68.4	58.8	58.8	9.6	7.2,11.9			
Scale 3 (Hy)	58.4	(.66)	54.8	(.64)	3.5	1.7, 5.4	58.5	58.5	56.5	56.5	2.0	0.2, 3.8	61.2	61.2	55.6	55.6	5.6	3.8, 7.5			
Scale 4 (Pd)	63.3	(.73)	61.4	(.75)	1.9	-0.2, 3.9	62.6	62.6	61.1	61.1	1.5	-0.5, 3.6	65.4	65.4	63.4	63.4	2.0	0.0, 4.0			
Scale 5 (Mf)	58.7	(.53)	57.5	(.59)	1.2	-0.4, 2.7	61.6	61.6	58.6	58.6	3.0	1.5, 4.4	63.0	63.0	57.9	57.9	5.2	3.7, 6.6			
Scale 6 (Pa)	57.8	(.72)	55.1	(.70)	2.7	0.7, 4.7	56.0	56.0	53.8	53.8	2.1	0.1, 4.1	58.6	58.6	55.7	55.7	2.9	1.0, 4.9			
Scale 7 (Pt)	62.2	(.82)	57.7	(.72)	4.5	2.3, 6.7	63.1	63.1	56.6	56.6	6.5	4.3, 8.7	66.8	66.8	58.6	58.6	8.2	6.0,10.3			
Scale 8 (Sc)	64.5	(1.01)	59.9	(.98)	4.5	1.8, 7.3	63.6	63.6	58.0	58.0	5.6	2.8, 8.3	68.7	68.7	60.0	60.0	8.7	5.9,11.4			
Scale 9 (Ma)	63.2	(.64)	64.0	(.75)	-0.7	-2.6, 1.2	62.2	62.2	62.8	62.8	-0.6	-2.5, 1.3	64.4	64.4	65.2	65.2	-0.8	-2.7, 1.1			
Scale 0 (Si)	54.1	(.60)	52.3	(.55)	1.8	0.1, 3.4	53.2	53.2	52.2	52.2	0.9	-0.7, 2.6	54.0	54.0	52.3	52.3	1.8	0.1, 3.4			

^a Model 1 contains the six entry characteristics and interactions with place of service.

^b Model 2 contains the six entry characteristics and marital status, education, current drug use, and interactions with place of service.

Table D.4 Arithmetic Means and Mean Differences for MMPI Clinical Scales Among Vietnam and Non-Vietnam Veterans, Veterans of Races Other Than White or Black

Measure	Crude Arithmetic Means (STE)						Crude Results						Multivariate Results Model 1 ^a Adjusted Means						Multivariate Results Model 2 ^b Adjusted Means										
	Vietnam		Non-Vietnam		Diff		95% CI		Diff		95% CI		Vietnam		Non-Vietnam		Diff		95% CI		Vietnam		Non-Vietnam		Diff		95% CI		
	Mean	SE	Mean	SE	Mean	SE	Lower	Upper	Mean	SE	Mean	SE	Lower	Upper	Mean	SE	Mean	SE	Lower	Upper	Mean	SE	Mean	SE	Lower	Upper	Mean	SE	
MMPI Scale																													
Scale 1 (Hs)	63.2 (1.24)	56.2 (1.08)	7.0	3.7, 10.3	62.2	56.3	5.9	2.7, 9.1	62.5	58.0	4.6	1.3, 7.8	62.2	56.3	5.9	2.7, 9.1	62.5	58.0	4.6	1.3, 7.8	62.2	58.0	4.6	1.3, 7.8	62.5	58.0	4.6	1.3, 7.8	
Scale 2 (D)	65.9 (1.33)	61.9 (1.25)	4.0	0.4, 7.6	64.2	59.5	4.7	1.2, 8.2	66.5	60.5	6.0	2.6, 9.4	64.2	59.5	4.7	1.2, 8.2	66.5	60.5	6.0	2.6, 9.4	64.2	60.5	6.0	2.6, 9.4	66.5	60.5	6.0	2.6, 9.4	
Scale 3 (Hy)	60.0 (.88)	55.8 (.88)	4.2	1.8, 6.6	59.1	57.2	1.9	-0.5, 4.3	61.3	57.0	4.3	1.8, 6.7	59.1	57.2	1.9	-0.5, 4.3	61.3	57.0	4.3	1.8, 6.7	59.1	57.0	4.3	1.8, 6.7	61.3	57.0	4.3	1.8, 6.7	
Scale 4 (Pd)	63.0 (1.05)	59.8 (1.15)	3.2	0.2, 6.2	62.2	58.9	3.3	0.2, 6.3	65.2	62.2	2.9	0.0, 5.9	62.2	58.9	3.3	0.2, 6.3	65.2	62.2	2.9	0.0, 5.9	62.2	62.2	2.9	0.0, 5.9	65.2	62.2	2.9	0.0, 5.9	
Scale 5 (Mf)	56.7 (.71)	56.9 (.83)	-0.3	-2.4, 1.9	56.7	58.9	-2.2	-4.3, 0.1	57.9	58.0	-0.1	-2.2, 2.0	56.7	58.9	-2.2	-4.3, 0.1	57.9	58.0	-0.1	-2.2, 2.0	56.7	58.0	-0.1	-2.2, 2.0	57.9	58.0	-0.1	-2.2, 2.0	
Scale 6 (Pa)	61.5 (1.11)	58.7 (1.13)	2.8	-0.3, 5.9	60.6	56.8	3.8	0.7, 6.9	62.5	59.2	3.3	0.2, 6.3	60.6	56.8	3.8	0.7, 6.9	62.5	59.2	3.3	0.2, 6.3	60.6	59.2	3.3	0.2, 6.3	62.5	59.2	3.3	0.2, 6.3	
Scale 7 (Pt)	64.6 (1.22)	58.7 (1.23)	5.9	2.5, 9.3	63.0	58.5	4.5	1.1, 7.8	64.8	60.2	4.6	1.3, 8.0	63.0	58.5	4.5	1.1, 7.8	64.8	60.2	4.6	1.3, 8.0	63.0	60.2	4.6	1.3, 8.0	64.8	60.2	4.6	1.3, 8.0	
Scale 8 (Sc)	68.3 (1.61)	60.9 (1.51)	7.3	3.0, 11.7	65.5	60.4	5.1	0.8, 9.4	68.6	64.4	4.2	0.0, 8.4	65.5	60.4	5.1	0.8, 9.4	68.6	64.4	4.2	0.0, 8.4	65.5	64.4	4.2	0.0, 8.4	68.6	64.4	4.2	0.0, 8.4	
Scale 9 (Ma)	62.1 (.94)	61.9 (.99)	0.2	-2.5, 2.9	61.9	62.0	-0.1	-2.8, 2.5	65.1	63.3	1.8	-0.8, 4.3	61.9	62.0	-0.1	-2.8, 2.5	65.1	63.3	1.8	-0.8, 4.3	61.9	63.3	1.8	-0.8, 4.3	65.1	63.3	1.8	-0.8, 4.3	
Scale 0 (Si)	56.7 (.90)	52.7 (.88)	4.0	1.5, 6.5	55.0	51.7	3.3	0.8, 5.7	54.1	51.3	2.8	0.4, 5.3	55.0	51.7	3.3	0.8, 5.7	54.1	51.3	2.8	0.4, 5.3	55.0	51.3	2.8	0.4, 5.3	54.1	51.3	2.8	0.4, 5.3	

^a Model 1 contains the six entry characteristics and interactions with place of service.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, current drug use, and interactions with place of service.

Table D.5 Percent and Number of Vietnam and Non-Vietnam Veterans With Elevated MMPI Clinical Scales ($T \geq 70$) and Odds Ratios

Condition	Vietnam		Non-Vietnam		Crude Results			Multivariate Results		
	%	No.	%	No.	OR	95% CI	OR	95% CI	OR	95% CI
	Model 1 ^a		Model 1 ^a		Model 2 ^b		Model 2 ^b			
MMPI scale 1 (Hs)	18.8	468	11.1	218	1.9	1.6-2.2	1.8	1.5-2.1	1.7	1.4-2.1
MMPI scale 2 (D)	28.4	707	19.5	385	1.6	1.4-1.9	1.6	1.4-1.9	1.6	1.4-1.9
MMPI scale 3 (Hy)	11.4	283	7.7	152	1.5	1.2-1.9	1.5	1.2-1.9	1.5	1.2-1.9
MMPI scale 4 (Pd)	20.0	499	17.6	347	1.2	1.0-1.4	1.1	1.0-1.3	1.1	0.9-1.3
MMPI scale 5 (Mf)	12.7	315	12.5	247	1.0	0.8-1.2	1.1	0.9-1.3	1.1	0.9-1.4
MMPI scale 6 (Pa)	12.8	319	9.9	196	1.3	1.1-1.6	1.3	1.1-1.6	1.3	1.1-1.6
MMPI scale 7 (Pt)	20.4	508	13.9	275	1.6	1.3-1.9	1.5	1.3-1.8	1.5	1.3-1.8
MMPI scale 8 (Sc)	20.9	521	13.1	258	1.8	1.5-2.1	1.8	1.5-2.1	1.8	1.5-2.1
MMPI scale 9 (Ma)	15.5	387	15.1	298	1.0	0.9-1.2	1.1	0.9-1.3	1.0	0.9-1.2
MMPI scale 0 (Si)	13.1	327	8.8	174	1.6	1.3-1.9	1.4	1.2-1.8	1.4	1.2-1.8

^a Model 1 contains the six entry characteristics.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, and current drug use.

Table D.6 Arithmetic Means and Mean Differences for MMPI Subscales Among Vietnam and Non-Vietnam Veterans

Measure	Crude Arithmetic Means (STE)		Crude Results		Multivariate Results				Multivariate Results							
	Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI
Scale 2 obvious (D)	10.5 (.13)	9.1 (.12)	1.5	1.1, 1.8	10.5	8.9	1.6	1.3, 2.0	12.0	10.1	1.9	1.6, 2.2				
Scale 2 subtle (D)	11.4 (.06)	11.6 (.06)	-0.2	-0.3, 0.0	11.2	11.4	-0.2	-0.3, 0.0	11.0	11.2	-0.2	-0.4, 0.0				
Scale 3 obvious (Hy)	8.0 (.11)	6.6 (.10)	1.4	1.1, 1.7	7.9	6.4	1.5	1.2, 1.8	9.0	7.2	1.8	1.5, 2.0				
Scale 3 subtle (Hy)	14.6 (.09)	15.4 (.10)	-0.8	-1.0, -0.5	14.5	15.1	-0.6	-0.9, -0.3	13.9	14.5	-0.6	-0.8, -0.3				
Scale 4 obvious (Pd)	7.5 (.09)	6.7 (.10)	0.8	0.5, 1.1	7.9	7.0	0.9	0.6, 1.1	9.4	8.6	0.9	0.6, 1.1				
Scale 4 subtle (Pd)	10.4 (.05)	10.5 (.06)	-0.1	-0.3, 0.0	10.4	10.5	-0.1	-0.3, 0.0	10.5	10.7	-0.2	-0.4, -0.1				
Scale 6 obvious (Pa)	3.5 (.06)	3.0 (.07)	0.4	0.3, 0.6	4.0	3.5	0.5	0.3, 0.7	4.7	4.2	0.5	0.3, 0.6				
Scale 6 subtle (Pa)	7.0 (.05)	7.1 (.06)	-0.1	-0.2, 0.1	7.0	6.7	0.3	0.2, 0.5	7.0	6.7	0.3	0.2, 0.5				
Scale 9 obvious (Ma)	7.7 (.07)	7.2 (.07)	0.5	0.3, 0.7	8.0	7.6	0.4	0.3, 0.6	8.8	8.3	0.5	0.4, 0.7				
Scale 9 subtle (Ma)	9.5 (.06)	9.8 (.06)	-0.3	-0.4, -0.1	10.2	10.6	-0.4	-0.5, -0.2	10.6	11.0	-0.4	-0.6, -0.3				

^a Model 1 contains the six entry characteristics and interactions with place of service.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, current drug use, and interactions with place of service.

Table D.7 Percent and Number of Vietnam and Non-Vietnam Veterans With Elevated MMPI Subscales ($T \geq 70$) and Odds Ratios

Condition	Vietnam		Non-Vietnam		Crude Results			Multivariate Results		
	%	No.	%	No.	OR	95% CI	OR	95% CI	OR	95% CI
Scale 2 obvious (D)	17.3	430	10.7	211	1.7	1.5-2.1	1.7	1.4-2.0	1.7	1.4-2.0
Scale 2 subtle (D)	6.0	150	6.3	124	1.0	0.7-1.2	1.0	0.8-1.3	1.0	0.8-1.3
Scale 3 obvious (Hy)	17.3	432	10.3	203	1.8	1.5-2.2	1.8	1.5-2.1	1.8	1.5-2.1
Scale 3 subtle (Hy)	6.2	154	9.5	187	0.6	0.5-0.8	0.7	0.5-0.8	0.7	0.5-0.9
Scale 4 obvious (Pd)	15.3	382	10.8	212	1.5	1.3-1.8	1.5	1.2-1.8	1.4	1.2-1.7
Scale 4 subtle (Pd)	12.1	271	14.1	249	0.8	0.7-1.0	0.8	0.7-1.0	0.8	0.7-1.0
Scale 6 obvious (Pa)	7.4	185	5.5	108	1.4	1.1-1.8	1.3	1.0-1.7	1.3	1.0-1.7
Scale 6 subtle (Pa)	7.5	186	9.3	183	0.8	0.6-1.0	0.8	0.6-1.0	0.8	0.7-1.0
Scale 9 obvious (Ma)	13.1	326	9.5	188	1.4	1.2-1.7	1.4	1.2-1.8	1.4	1.1-1.7
Scale 9 subtle (Ma)	3.2	80	5.0	98	0.6	0.5-0.9	0.7	0.5-0.9	0.7	0.5-0.9

^a Model 1 contains the six entry characteristics.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, and current drug use.

Table D.8 Arithmetic Means and Mean Differences for MMPI Subscales Among Vietnam and Non-Vietnam Veterans

Measure	Crude Arithmetic Means (STE)				Crude Results				Multivariate Results				Multivariate Results								
	Vietnam		Non-Vietnam		Diff		95% CI		Vietnam		Non-Vietnam		Diff		95% CI		Model 1 ^a Adjusted Means		Model 2 ^b Adjusted Means		
	Mean	STE	Mean	STE	Mean	STE	Lower	Upper	Mean	STE	Mean	STE	Mean	STE	Lower	Upper	Mean	STE	Mean	STE	
Harris and Lingoes Subscales																					
Subjective depression (D1)	8.5	(.11)	7.3	(.10)	1.2		0.9, 1.5		8.3		7.0		1.3	1.0, 1.6		9.3		7.9		1.4	1.1, 1.7
Psychomotor retardation (D2)	6.5	(.04)	6.3	(.04)	0.2		0.1, 0.3		6.3		6.2		0.1	0.0, 0.2		6.5		6.3		0.2	0.1, 0.3
Physical malfunctioning (D3)	3.3	(.03)	3.0	(.03)	0.3		0.2, 0.4		3.3		3.0		0.3	0.3, 0.4		3.5		3.1		0.4	0.3, 0.5
Mental dullness (D4)	3.3	(.06)	2.6	(.06)	0.7		0.5, 0.9		3.3		2.5		0.8	0.6, 1.0		4.0		3.0		1.0	0.8, 1.1
Brooding (D5)	2.4	(.05)	1.9	(.05)	0.4		0.3, 0.6		2.4		1.9		0.5	0.4, 0.6		2.9		2.3		0.5	0.4, 0.7
Denial of social anxiety (Hy1)	3.2	(.04)	3.5	(.04)	-0.3		-0.4,-0.2		3.4		3.7		-0.3	-0.4,-0.2		3.2		3.5		-0.3	-0.4,-0.2
Need for attention (Hy2)	6.0	(.05)	6.4	(.06)	-0.4		-0.6,-0.2		5.9		6.2		-0.3	-0.5,-0.2		5.7		6.0		-0.3	-0.5,-0.2
Lassitude-malaise (Hy3)	3.3	(.06)	2.6	(.06)	0.7		0.6, 0.9		3.4		2.5		0.9	0.7, 1.1		4.0		3.0		1.0	0.8, 1.2
Somatic complaints (Hy4)	3.5	(.06)	2.7	(.06)	0.8		0.7, 1.0		3.5		2.6		0.9	0.7, 1.0		3.9		2.9		1.0	0.8, 1.2
Inhibition of aggression (H5)	3.0	(.03)	3.2	(.03)	-0.2		-0.3,-0.1		2.9		3.1		-0.2	-0.3,-0.1		2.7		2.9		-0.2	-0.2,-0.1
Family discord (Pd1)	2.5	(.04)	2.3	(.04)	0.1		0.0, 0.2		2.5		2.3		0.2	0.1, 0.3		2.8		2.6		0.2	0.1, 0.3
Authority problems (Pd2)	5.6	(.04)	5.6	(.04)	0.1		0.0, 0.2		5.4		5.4		0.0	-0.1, 0.1		5.9		5.9		0.0	-0.1, 0.1
Social imperturbability (Pd3)	6.9	(.05)	7.4	(.06)	-0.5		-0.6,-0.3		7.4		7.8		-0.4	-0.5,-0.2		7.3		7.7		-0.4	-0.6,-0.3
Social alienation (Pd4a)	6.0	(.06)	5.7	(.06)	0.3		0.1, 0.5		6.3		5.9		0.4	0.2, 0.6		7.1		6.7		0.4	0.2, 0.6
Self-alienation (Pd4b)	5.0	(.06)	4.4	(.07)	0.6		0.5, 0.8		5.2		4.5		0.7	0.5, 0.8		6.0		5.4		0.6	0.4, 0.8

Table D.8 Arithmetic Means and Mean Differences for MMPI Subscales Among Vietnam and Non-Vietnam Veterans – Continued

Measure	Crude Arithmetic Means (STE)			Crude Results			Multivariate Results Model 1 ^a Adjusted Means			Multivariate Results Model 2 ^b Adjusted Means				
	Vietnam	Non-Vietnam	(STE)	Diff	95% CI		Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI
Persecutory ideas (Pa1)	2.4 (.05)	2.1 (.05)		0.2	0.1, 0.4		2.8	2.6	0.3	0.1, 0.4	3.2	3.0	0.2	0.1, 0.4
Poignancy (Pa2)	2.6 (.03)	2.4 (.04)		0.2	0.1, 0.3		2.7	2.3	0.4	0.3, 0.5	3.0	2.6	0.4	0.3, 0.5
Naivete (Pa3)	4.1 (.04)	4.4 (.05)		-0.2	-0.4,-0.1		4.0	4.0	0.0	-0.2, 0.1	3.8	3.8	0.0	-0.1, 0.1
Social alienation (Sc1a)	3.2 (.06)	2.7 (.06)		0.5	0.3, 0.7		3.6	3.1	0.5	0.4, 0.7	4.3	3.6	0.7	0.5, 0.9
Emotional alienation (Sc1b)	1.3 (.03)	1.1 (.03)		0.2	0.1, 0.3		1.4	1.1	0.3	0.2, 0.4	1.6	1.3	0.3	0.2, 0.4
Lack of ego mastery, cognitive (Sc2a)	2.1 (.05)	1.5 (.05)		0.6	0.5, 0.7		2.3	1.6	0.7	0.5, 0.8	2.8	2.0	0.7	0.6, 0.9
Lack of ego mastery, conative (Sc2b)	2.7 (.05)	2.1 (.05)		0.6	0.4, 0.7		2.8	2.2	0.7	0.5, 0.8	3.4	2.6	0.8	0.7, 0.9
Lack of ego mastery, defective inhibition (Sc2c)	1.7 (.04)	1.4 (.04)		0.3	0.2, 0.4		1.9	1.5	0.4	0.3, 0.5	2.2	1.9	0.3	0.2, 0.4
Bizarre sensory experiences (Sc3)	2.9 (.06)	2.1 (.06)		0.8	0.7, 1.0		3.3	2.2	1.0	0.9, 1.2	3.9	2.8	1.1	0.9, 1.2
Amorality (Ma1)	1.9 (.03)	1.9 (.03)		0.0	0.0, 0.1		2.2	2.2	0.0	-0.1, 0.1	2.5	2.6	-0.1	-0.2, 0.0
Psychomotor acceleration (Ma2)	5.5 (.04)	5.3 (.05)		0.2	0.1, 0.3		5.6	5.4	0.1	0.0, 0.3	5.9	5.8	0.1	0.0, 0.2
Imperturbability (Ma3)	3.2 (.04)	3.5 (.04)		-0.3	-0.4,-0.2		3.5	3.8	-0.3	-0.4,-0.2	3.5	3.8	-0.2	-0.4,-0.1
Ego inhibition (Ma4)	3.1 (.03)	3.3 (.04)		0.1	0.0, 0.2		3.3	3.2	0.1	0.0, 0.2	3.5	3.4	0.1	0.0, 0.2

^a Model 1 contains the six entry characteristics and interactions with place of service.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, current drug use, and interactions with place of service.

Table D.9 Percent and Number of Vietnam and Non-Vietnam Veterans With Elevated MMPI Subscales ($T \geq 70$) and Odds Ratios

Condition	Vietnam		Non-Vietnam		Crude Results		Model 1 ^a		Model 2 ^b	
	%	No.	%	No.	OR	95% CI	OR	95% CI	OR	95% CI
Harris and Lingoes Subscales										
Subjective depression (D1)	17.4	433	10.4	205	1.8	1.5-2.2	1.7	1.4-2.1	1.7	1.4-2.1
Psychomotor retardation (D2)	15.3	381	10.6	209	1.5	1.3-1.8	1.5	1.3-1.8	1.5	1.3-1.8
Physical malfunctioning (D3)	8.4	208	5.0	98	1.7	1.4-2.2	1.6	1.3-2.1	1.6	1.4-2.0
Mental dullness (D4)	20.8	519	13.0	256	1.8	1.5-2.1	1.7	1.4-2.0	1.6	1.4-2.0
Brooding (D5)	10.7	267	7.3	143	1.5	1.2-1.9	1.5	1.2-1.8	1.4	1.2-1.8
Denial of social anxiety (Hy1)	16.7	415	19.9	392	0.8	0.7-0.9	0.8	0.7-1.0	0.8	0.7-1.0
Need for affection (Hy2)	9.8	244	14.3	282	0.7	0.5-0.8	0.7	0.6-0.9	0.7	0.6-0.9
Lassitude-malaise (Hy3)	16.1	400	10.2	201	1.7	1.4-2.0	1.6	1.4-2.0	1.6	1.3-2.0
Somatic complaints (Hy4)	11.9	296	4.8	94	2.7	2.1-3.4	2.7	2.1-3.5	2.6	2.0-3.4
Inhibition of aggression (Hy5)	3.0	75	4.4	87	0.7	0.5-0.9	0.7	0.5-1.0	0.7	0.5-1.0
Family discord (Pd1)	8.4	210	7.3	144	1.2	0.9-1.5	1.1	0.9-1.4	1.1	0.9-1.4
Authority problems (Pd2)	15.3	382	15.1	297	1.0	0.9-1.2	1.0	0.8-1.2	1.0	0.8-1.2
Social imperturbability (Pd3)	1.6	39	2.5	50	0.6	0.4-0.9	0.7	0.4-1.1	0.7	0.5-1.2
Social alienation (Pd4a)	10.4	258	6.5	128	1.7	1.3-2.1	1.6	1.3-2.0	1.6	1.3-2.0
Social alienation (Pd4b)	15.3	382	9.4	185	1.8	1.5-2.1	1.7	1.4-2.1	1.7	1.4-2.1
Self-alienation (Pa1)	6.7	166	5.1	100	1.3	1.0-1.7	1.3	1.0-1.7	1.3	0.9-1.7
Persecutory ideas (Pa2)	6.7	167	4.5	89	1.5	1.2-2.0	1.5	1.1-1.9	1.5	1.1-1.9
Poignancy (Pa3)	8.0	199	9.7	192	0.8	0.7-1.0	0.9	0.7-1.1	0.9	0.7-1.1
Naivete (Pa3)	8.0	199	9.7	192	0.8	0.7-1.0	0.9	0.7-1.1	0.9	0.7-1.1
Social alienation (Sc1a)	8.0	198	4.8	95	1.7	1.3-2.2	1.7	1.3-2.2	1.7	1.3-2.2
Emotional alienation (Sc1b)	4.6	115	3.0	60	1.5	1.1-2.1	1.4	1.0-2.0	1.4	1.0-2.0
Lack of ego mastery, cognitive (Sc2a)	16.1	401	10.0	197	1.7	1.4-2.1	1.7	1.4-2.1	1.7	1.4-2.1
Lack of ego mastery, conative (Sc2b)	14.8	369	9.5	188	1.7	1.4-2.0	1.6	1.3-1.9	1.6	1.3-1.9
Lack of ego mastery, defective inhibition (Sc2c)	8.8	220	5.8	115	1.6	1.2-2.0	1.6	1.2-2.0	1.5	1.2-2.0
Bizarre sensory experiences (Sc3)	9.2	230	4.3	84	2.3	1.8-3.0	2.3	1.8-3.0	2.2	1.7-2.9
Amorality (Ma1)	3.9	96	3.8	74	1.0	0.8-1.4	1.1	0.8-1.5	1.0	0.7-1.4
Psychomotor acceleration (Ma2)	31.4	781	29.2	576	1.1	1.0-1.3	1.1	0.9-1.2	1.0	0.9-1.2
Imperturbability (Ma3)	2.5	62	4.2	82	0.6	0.4-0.8	0.6	0.4-0.8	0.6	0.4-0.8
Ego inhibition (Ma3)	7.6	190	6.7	132	1.2	0.9-1.4	1.2	0.9-1.5	1.1	0.9-1.5

^a Model 1 contains the six entry characteristics.
^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, and current drug use.

Table D.10 Arithmetic Means and Mean Differences for MMPI Special Scales Among Vietnam and Non-Vietnam Veterans

Measure	Crude Arithmetic Means (STE)		Crude Results		Multivariate Results				Multivariate Results			
	Vietnam	Non-Vietnam	Diff	95% CI	Model 1 ^a Vietnam	Model 1 ^a Non-Vietnam	Diff	95% CI	Model 2 ^b Vietnam	Model 2 ^b Non-Vietnam	Diff	95% CI
MacAndrew Alcoholism Scale	24.6 (.09)	24.3 (.11)	0.3	0.0, 0.5	25.1	24.8	0.2	0.0, 0.5	26.2	26.2	0.1	-0.2, 0.3
Emotional Disturbance Scale	4.6 (.08)	3.7 (.07)	1.0	0.8, 1.2	4.5	3.5	1.0	0.8, 1.2	5.3	4.2	1.1	0.9, 1.3
TSC Body Symptoms Scale	7.3 (.12)	5.5 (.11)	1.8	1.4, 2.1	7.2	5.4	1.8	1.5, 2.1	7.9	6.0	1.9	1.6, 2.3
TSC Tension Scale	11.5 (.14)	10.0 (.14)	1.5	1.1, 1.9	11.5	10.2	1.3	0.9, 1.7	12.6	11.3	1.3	0.9, 1.6
Welsh Anxiety Scale	12.4 (.19)	10.5 (.19)	1.9	1.4, 2.4	12.4	10.5	2.0	1.5, 2.5	14.2	12.2	2.0	1.5, 2.5
Welsh Repression Scale	16.8 (.09)	16.6 (.10)	0.2	-0.1, 0.5	16.2	15.9	0.3	0.1, 0.6	15.9	15.4	0.5	0.2, 0.8
Drug Abuse Scale	17.0 (.08)	16.6 (.09)	0.4	0.1, 0.6	17.4	16.5	0.9	0.7, 1.1	19.1	18.0	1.1	0.9, 1.3
Manifest Anxiety Scale	15.8 (.19)	13.7 (.19)	2.1	1.5, 2.6	15.3	13.3	2.0	1.5, 2.5	16.8	14.7	2.1	1.6, 2.6
Ego Strength	52.0 (.23)	54.2 (.22)	-2.2	-2.9, -1.6	51.2	53.8	-2.6	-3.2, -2.1	49.6	52.7	-3.1	-3.7, -2.5
PTSD	12.1 (.18)	9.9 (.17)	2.2	1.7, 2.7	13.1	10.7	2.5	2.0, 3.0	15.3	12.5	2.7	2.3, 3.2
Wiggins Content Scales												
Social maladjustment	11.9 (.12)	10.9 (.14)	1.1	0.7, 1.5	10.9	9.9	0.9	0.6, 1.3	11.0	9.7	1.3	0.9, 1.6
Depression	7.6 (.12)	6.5 (.12)	1.2	0.8, 1.5	7.9	6.6	1.4	1.0, 1.7	9.2	7.9	1.3	1.0, 1.7
Feminine interests	9.0 (.06)	9.2 (.07)	-0.3	-0.4, -0.1	9.5	9.7	-0.1	-0.3, 0.0	9.8	10.0	-0.2	-0.3, 0.0
Poor morale	7.4 (.11)	6.4 (.11)	0.9	0.6, 1.2	7.1	6.3	0.8	0.5, 1.1	8.0	7.0	0.9	0.6, 1.2
Religious fundamentalism	6.1 (.06)	6.3 (.07)	-0.1	-0.3, 0.0	6.1	6.3	-0.2	-0.4, 0.0	5.2	5.4	-0.2	-0.4, 0.0

Table D.10 Arithmetic Means and Mean Differences for MMPI Special Scales Among Vietnam and Non-Vietnam Veterans – Continued

Measure	Crude Arithmetic Means (STE)		Crude Results		Multivariate Results				Multivariate Results							
	Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI	Vietnam	Non-Vietnam	Diff	95% CI
Wiggins Content Scales – continued																
Authority conflicts	10.5 (.08)	9.9 (.10)	0.6	0.3, 0.8	10.8	10.6	0.2	0.0, 0.4	11.8	11.7	0.2	-0.1, 0.4				
Psychoticism	8.9 (.12)	8.0 (.13)	0.9	0.6, 1.3	10.0	8.9	1.1	0.8, 1.4	11.0	10.1	0.9	0.6, 1.2				
Organic symptoms	7.0 (.12)	5.4 (.10)	1.7	1.3, 2.0	7.1	5.3	1.8	1.5, 2.1	7.9	6.1	1.8	1.5, 2.1				
Family problems	4.4 (.06)	4.2 (.06)	0.2	0.0, 0.3	4.5	4.4	0.1	-0.1, 0.3	5.2	5.0	0.2	0.1, 0.4				
Manifest hostility	9.3 (.10)	8.4 (.11)	0.8	0.5, 1.1	9.5	8.8	0.7	0.4, 0.9	10.4	9.8	0.7	0.4, 0.9				
Phobias	7.3 (.08)	6.6 (.09)	0.7	0.5, 1.0	7.1	6.8	0.4	0.1, 0.6	7.3	7.0	0.3	0.0, 0.5				
Hypomania	12.8 (.08)	12.5 (.09)	0.4	0.1, 0.6	12.9	12.9	0.0	-0.3, 0.2	13.5	13.6	0.0	-0.3, 0.2				
Poor health	5.8 (.08)	4.7 (.08)	1.0	0.8, 1.3	5.9	4.9	1.0	0.8, 1.2	6.5	5.3	1.1	0.9, 1.4				

^a Model 1 contains the six entry characteristics and interactions with place of service.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, current drug use, and interactions with place of service.

Table D.11 Percent and Number of Vietnam and Non-Vietnam Veterans With Elevated MMPI Special Scales ($T \geq 70$) and Odds Ratios

Condition	Vietnam		Non-Vietnam		Crude Results			Multivariate Results		
	%	No.	%	No.	OR	95% CI	OR	95% CI	OR	95% CI
	Vietnam		Non-Vietnam		Crude Results			Multivariate Results		
MacAndrew Alcoholism Scale (Mac)	33.8	842	30.7	605	1.2	1.0-1.3	1.1	1.0-1.3	1.0	0.9-1.2
Emotional Disturbance Scale (ED)	16.5	410	9.6	190	1.8	1.5-2.2	1.7	1.4-2.1	1.7	1.4-2.1
TSC Body Symptoms Scale (BS)	13.2	329	6.4	126	2.2	1.8-2.8	2.2	1.7-2.7	2.1	1.7-2.6
TSC Tension Scale (Ten)	17.1	427	10.2	201	1.8	1.5-2.2	1.7	1.4-2.1	1.7	1.4-2.1
Welsh Anxiety Scale (A)	8.9	221	5.2	102	1.8	1.4-2.3	1.8	1.4-2.3	1.8	1.4-2.3
Welsh Repression Scale (R)	4.6	115	4.0	78	1.2	0.9-1.6	1.2	0.9-1.6	1.1	0.8-1.6
Drug Abuse Scale (DA)	27.4	682	23.4	462	1.2	1.1-1.4	1.2	1.1-1.4	1.3	1.1-1.5
Manifest Anxiety Scale (Mas)	14.1	351	7.7	152	2.0	1.6-2.4	1.9	1.5-2.3	1.9	1.5-2.3
Ego Strength (ES)	0.7	17	0.8	15	0.9	0.4-1.8	1.1	0.5-2.4		
PTSD Scale	6.3	158	3.0	60	2.2	1.6-2.9	2.1	1.5-2.9	2.1	1.5-2.9
Wiggins Content Scales										
Social maladjustment (Soc)	21.4	534	16.5	326	1.4	1.2-1.6	1.3	1.1-1.6	1.3	1.1-1.6
Depression (Dep)	8.7	217	4.7	93	1.9	1.5-2.5	1.9	1.5-2.5	1.9	1.4-2.5
Feminine interests (Fem)	1.1	28	1.7	33	0.7	0.4-1.1	0.7	0.4-1.2	0.7	0.4-1.3
Poor morale (Mor)	5.7	141	3.5	69	1.7	1.2-2.2	1.6	1.2-2.2	1.6	1.2-2.2
Religious fundamentalism (Rel)	4.3	106	5.9	117	0.7	0.5-0.9	0.7	0.6-1.0	0.8	0.6-1.0
Authority conflicts (Aut)	3.2	80	3.8	75	0.8	0.6-1.2	0.8	0.6-1.2	0.8	0.6-1.1
Psychoticism (Psy)	6.8	170	5.0	99	1.4	1.1-1.8	1.4	1.1-1.9	1.4	1.1-1.8
Organic symptoms (Org)	13.5	337	6.5	128	2.3	1.8-2.8	2.2	1.7-2.7	2.1	1.7-2.7
Family problems (Fam)	8.6	215	8.1	159	1.1	0.9-1.3	1.1	0.9-1.4	1.1	0.9-1.3
Manifest hostility (Hos)	2.4	59	1.8	35	1.3	0.9-2.0	1.2	0.8-1.9	1.2	0.7-1.8
Phobias (Pho)	11.8	293	8.4	166	1.5	1.2-1.8	1.4	1.1-1.7	1.4	1.1-1.7
Hypomania (Hyp)	2.9	71	3.0	59	1.0	0.7-1.4	1.0	0.7-1.4	0.9	0.7-1.4
Poor health (Hea)	8.5	211	4.1	81	2.2	1.7-2.8	2.0	1.6-2.7	2.0	1.5-2.6

^a Model 1 contains the six entry characteristics.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, and current drug use.

Table D.12 Percent and Number of Vietnam and Non-Vietnam Veterans With Gilbertstadt-Duker Prototypes on MMPI, and Odds Ratios

MMPI Code Types	Vietnam		Non-Vietnam		Crude Results			Multivariate Results		
	%	No.	%	No.	OR	95% CI	Model 1 ^a		Model 2 ^b	
							OR	95% CI	OR	95% CI
1,2,3	0.1	3	0.0	0						
1,2,3,7	0.0	0	0.1	1	0.0					
1,3,2	0.2	6	0.2	4	1.2	0.3-4.2				
1,3,8	0.1	3	0.0	0						
4	3.0	74	3.3	66	0.9	0.6-1.2	0.8	0.6-1.2	0.8	0.6-1.2
9	4.3	108	5.4	107	0.8	0.6-1.0	0.8	0.6-1.1	0.8	0.6-1.1
2,7	0.4	11	0.4	7	1.2	0.5-3.2				
4,3	0.1	3	0.1	2	1.2	0.2-7.1				
4,9	0.4	10	0.5	9	0.9	0.4-2.2				
7,8	0.0	1	0.0	0						
8,6	0.1	2	0.1	1	1.6	0.1-17.5				
8,9	0.3	7	0.1	2	2.8	0.6-13.4				
2,7,4	0.0	0	0.2	3	0.0					
2,7,8	0.0	0	0.1	1	0.0					
8,2,4	0.0	1	0.0	0						
Combinations										
27,274,278	0.5	11	0.6	10	0.9	0.4-2.0				
4,43,49	3.2	72	3.8	66	0.9	0.6-1.2	0.9	0.6-1.2	0.9	0.6-1.3
78,86,89,824,8123	0.4	8	0.2	3	2.1	0.6-8.0				
123,1234,1237,132,137,138	0.5	10	0.2	4	2.0	0.6-6.3				

^a Model 1 contains the six entry characteristics.

^b Model 2 contains the six entry characteristics and marital status, education, current alcohol use, and current drug use.

Table D.13 Number of Elevated MMPI Clinical Scales ($T \geq 70$), by Place of Service

Frequency	Vietnam (N = 2490)		Non-Vietnam (N = 1972)	
	%	No.	%	No.
0	42.6	1061	49.6	378
1	21.4	533	21.8	430
2	10.5	262	10.5	206
3	6.1	152	5.6	110
4	5.3	132	4.1	80
5	3.8	95	3.1	61
6	3.7	93	1.9	38
7	2.9	72	2.0	40
8	2.3	58	0.9	17
9	1.1	28	0.6	11
10	0.2	4	0.1	1

$X^2 (10) = 52.4, p < .001.$

Table D.14 Number of Elevated MMPI Clinical Scales ($T \geq 70$), Omitting Mf and Si Scales, by Place of Service

Frequency	Vietnam (N = 2490)		Non-Vietnam (N = 1972)	
	%	No.	%	No.
0	48.5	1207	56.9	1121
1	19.3	481	18.7	369
2	9.5	236	8.5	168
3	6.4	158	5.2	103
4	4.6	114	4.0	79
5	3.8	95	2.6	51
6	3.8	95	1.9	38
7	2.7	68	1.4	28
8	1.5	36	0.8	15

$X^2 (8) = 50.9, p < .001.$

Table D.15 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI - "L" Scale T-Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	50.5	7.28	0.15	36	40	44	50	60	63	80	1.9
30-48 yrs	Non-Vietnam	1972	50.9	7.54	0.17	36	40	44	50	60	63	80	2.2
White													
30-39 yrs	Vietnam	1638	49.9	6.86	0.17	36	40	40	50	60	63	80	1.0
30-39 yrs	Non-Vietnam	1153	50.3	7.14	0.21	36	40	40	50	60	63	76	1.5
40-48 yrs	Vietnam	416	50.7	7.27	0.36	36	40	43	50	60	63	73	2.4
40-48 yrs	Non-Vietnam	447	50.5	6.97	0.33	36	40	44	50	60	63	73	1.8
Black													
30-39 yrs	Vietnam	211	51.8	8.19	0.56	36	40	44	50	63	66	80	3.8
30-39 yrs	Non-Vietnam	181	52.8	8.82	0.66	36	40	44	53	63	66	80	4.4
40-48 yrs	Vietnam	75	51.4	8.48	0.98	36	40	40	50	64	67	73	4.0
40-48 yrs	Non-Vietnam	58	52.0	8.71	1.14	36	36	44	50	66	66	73	3.4

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.16 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – "F" Scale T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	57.6	10.56	0.21	44	46	48	55	70	80	110	11.8
30-48 yrs	Non-Vietnam	1972	55.7	9.88	0.22	44	46	46	53	68	76	110	8.0
White													
30-39 yrs	Vietnam	1638	57.3	10.03	0.25	44	46	48	55	70	78	110	10.8
30-39 yrs	Non-Vietnam	1153	55.8	9.84	0.29	44	46	46	53	68	76	110	8.1
40-48 yrs	Vietnam	416	55.7	9.17	0.45	44	46	46	53	66	73	100	6.7
40-48 yrs	Non-Vietnam	447	53.7	7.60	0.36	44	46	46	53	64	68	94	4.3
Black													
30-39 yrs	Vietnam	211	59.4	11.42	0.79	44	46	48	58	76	84	110	17.1
30-39 yrs	Non-Vietnam	181	56.9	10.90	0.81	44	46	46	53	70	82	106	9.9
40-48 yrs	Vietnam	75	59.3	13.91	1.61	44	46	46	55	80	94	104	18.7
40-48 yrs	Non-Vietnam	58	56.1	8.70	1.14	44	44	48	53	68	76	84	8.6

^a Reference value for T-score is 79.

^b All races include white, black, and other.

Table D.17 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI — "K" Scale T-Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	Percentile				% Above Reference ^a	
								10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	53.2	9.45	0.19	29	38	40	53	66	69	77	5.0
30-48 yrs	Non-Vietnam	1972	55.0	9.59	0.22	29	40	42	55	68	70	79	7.5
White													
30-39 yrs	Vietnam	1638	53.3	9.38	0.23	31	38	40	53	66	68	75	4.7
30-39 yrs	Non-Vietnam	1153	55.0	9.47	0.28	31	40	42	55	68	70	79	7.5
40-48 yrs	Vietnam	416	54.0	9.49	0.47	31	38	40	53	66	70	77	6.5
40-48 yrs	Non-Vietnam	447	56.4	9.59	0.45	33	40	44	57	68	72	75	8.1
Black													
30-39 yrs	Vietnam	211	51.7	9.14	0.63	29	38	40	51	64	66	77	2.4
30-39 yrs	Non-Vietnam	181	53.4	9.34	0.69	31	38	40	53	66	70	77	5.5
40-48 yrs	Vietnam	75	53.6	9.96	1.15	31	38	41	53	69	72	74	9.3
40-48 yrs	Non-Vietnam	58	53.4	10.92	1.43	36	38	40	52	70	74	79	12.1

^a Reference value for T-score is 70.

^b All races include white, black, and other.

**Table D.18 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – "F-K" Scale Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	-7.9	8.57	0.17	-26	-20	-18	-9	4	8	26	3.9
30-48 yrs	Non-Vietnam	1972	-9.7	8.27	0.19	-26	-21	-19	-11	1	5	28	2.7
White													
30-39 yrs	Vietnam	1638	-8.0	8.32	0.21	-25	-20	-18	-9	3	7	26	3.4
30-39 yrs	Non-Vietnam	1153	-9.6	8.22	0.24	-26	-21	-19	-11	1	5	28	2.6
40-48 yrs	Vietnam	416	-9.1	7.99	0.39	-26	-21	-18	-10	1	5	24	2.4
40-48 yrs	Non-Vietnam	447	-11.3	7.35	0.35	-24	-21	-20	-12	0	2	19	0.7
Black													
30-39 yrs	Vietnam	211	-6.3	8.66	0.60	-22	-19	-17	-7	7	9	22	3.8
30-39 yrs	Non-Vietnam	181	-8.4	8.37	0.62	-23	-20	-18	-10	2	7	25	3.9
40-48 yrs	Vietnam	75	-7.3	10.12	1.17	-22	-21	-19	-10	8	14	18	8.0
40-48 yrs	Non-Vietnam	58	-8.7	8.35	1.10	-25	-23	-20	-9	1	7	12	1.7

^a Reference value for raw score is +9.

^b All races include white, black, and other.

Table D.19 Summary Statistics for Minnesota Multiphasic Personality Inventory: Carelessness Scale -- Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	1.5	1.35	0.03	0	0	0	1	3	4	8		
30-48 yrs	Non-Vietnam	1972	1.3	1.27	0.03	0	0	0	1	3	4	8		
White														
30-39 yrs	Vietnam	1638	1.4	1.33	0.03	0	0	0	1	3	4	7		
30-39 yrs	Non-Vietnam	1153	1.2	1.22	0.04	0	0	0	1	3	4	8		
40-48 yrs	Vietnam	416	1.3	1.27	0.06	0	0	0	1	3	4	8		
40-48 yrs	Non-Vietnam	447	1.2	1.13	0.05	0	0	0	1	3	4	6		
Black														
30-39 yrs	Vietnam	211	1.8	1.35	0.09	0	0	0	2	4	4	6		
30-39 yrs	Non-Vietnam	181	1.6	1.39	0.10	0	0	0	1	3	4	6		
40-48 yrs	Vietnam	75	1.7	1.52	0.18	0	0	0	1	4	5	6		
40-48 yrs	Non-Vietnam	58	1.6	1.35	0.18	0	0	0	2	3	5	5		

^a All races include white, black, and other.

**Table D.20 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – “T-R” Scale Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a
							5th	10th	50th	90th	95th	
All Races ^b												
30-48 yrs	Vietnam	2490	1.3	1.42	0.03	0	0	1	3	4	9	8.0
30-48 yrs	Non-Vietnam	1972	1.2	1.41	0.03	0	0	1	3	4	11	6.5
White												
30-39 yrs	Vietnam	1638	1.2	1.33	0.03	0	0	1	3	4	9	6.2
30-39 yrs	Non-Vietnam	1153	1.1	1.29	0.04	0	0	1	3	3	11	4.9
40-48 yrs	Vietnam	416	1.2	1.35	0.07	0	0	1	3	4	7	7.5
40-48 yrs	Non-Vietnam	447	1.0	1.32	0.06	0	0	1	2	3	8	4.7
Black												
30-39 yrs	Vietnam	211	2.0	1.70	0.12	0	0	2	4	5	8	19.0
30-39 yrs	Non-Vietnam	181	1.8	1.77	0.13	0	0	1	4	5	10	11.0
40-48 yrs	Vietnam	75	1.7	1.52	0.18	0	0	1	4	5	7	9.3
40-48 yrs	Non-Vietnam	58	2.0	1.79	0.23	0	0	2	4	6	7	22.4

^a Reference value for raw score is 3.

^b All races include white, black, and other.

Table D.21 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI — "Hs" Scale-1 T-Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	57.8	13.26	0.27	31	41	44	54	77	85	111	18.8
30-48 yrs	Non-Vietnam	1972	54.7	11.23	0.25	31	41	44	52	70	77	113	11.1
White													
30-39 yrs	Vietnam	1638	57.2	12.67	0.31	31	41	44	54	75	82	106	18.0
30-39 yrs	Non-Vietnam	1153	54.8	11.44	0.34	31	41	44	52	70	77	113	12.1
40-48 yrs	Vietnam	416	56.9	13.03	0.64	31	41	44	54	75	82	108	15.6
40-48 yrs	Non-Vietnam	447	53.9	9.84	0.47	34	41	44	52	65	72	103	7.6
Black													
30-39 yrs	Vietnam	211	60.0	15.01	1.03	34	39	42	57	82	88	111	24.6
30-39 yrs	Non-Vietnam	181	55.4	12.12	0.90	34	39	41	54	70	80	100	10.5
40-48 yrs	Vietnam	75	60.8	14.80	1.71	36	41	44	59	82	94	108	20.0
40-48 yrs	Non-Vietnam	58	55.0	11.09	1.46	39	39	41	54	70	75	95	10.3

^a Reference value for T-score is 69.

^b All races include white, black, and other.

Table D.22 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI - "D" Scale-2 T-Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	62.8	14.9	0.30	29	44	46	60	84	92	120	28.4
30-48 yrs	Non-Vietnam	1972	59.6	13.0	0.29	29	44	46	58	77	84	116	19.5
White													
30-39 yrs	Vietnam	1638	62.4	14.6	0.36	29	44	46	60	82	92	120	27.2
30-39 yrs	Non-Vietnam	1153	59.9	13.0	0.38	29	43	46	58	77	87	116	20.6
40-48 yrs	Vietnam	416	62.2	15.2	0.75	29	41	46	60	84	92	120	28.4
40-48 yrs	Non-Vietnam	447	59.0	12.5	0.59	36	44	46	56	75	82	116	16.3
Black													
30-39 yrs	Vietnam	211	64.1	14.5	1.00	41	46	48	60	84	93	111	30.3
30-39 yrs	Non-Vietnam	181	59.0	12.8	0.95	34	39	44	58	75	84	106	17.1
40-48 yrs	Vietnam	75	64.8	14.7	1.70	39	46	48	63	84	97	108	30.7
40-48 yrs	Non-Vietnam	58	56.3	11.5	1.52	29	36	44	56	72	77	82	15.5

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.23 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – “Hy” Scale-3 T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	58.3	9.7	0.19	35	44	47	58	71	75	102	11.4
30-48 yrs	Non-Vietnam	1972	57.0	9.3	0.21	35	42	45	56	69	73	102	7.7
White													
30-39 yrs	Vietnam	1638	58.2	9.3	0.23	35	44	47	58	71	75	93	10.7
30-39 yrs	Non-Vietnam	1153	57.5	9.3	0.27	35	44	45	56	69	75	96	8.5
40-48 yrs	Vietnam	416	57.8	9.7	0.48	35	44	45	56	71	75	102	10.6
40-48 yrs	Non-Vietnam	447	57.3	8.5	0.40	35	43	45	58	67	71	102	5.8
Black													
30-39 yrs	Vietnam	211	58.0	11.1	0.76	35	42	45	56	73	80	91	13.3
30-39 yrs	Non-Vietnam	181	54.6	9.9	0.73	35	38	42	55	67	71	89	6.6
40-48 yrs	Vietnam	75	59.6	11.2	1.30	35	41	47	58	74	82	96	14.7
40-48 yrs	Non-Vietnam	58	55.5	9.8	1.29	36	40	42	56	67	76	80	6.9

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.24 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – "Pd" Scale-4 T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	61.0	11.8	0.24	32	43	46	60	76	83	104	20.0
30-48 yrs	Non-Vietnam	1972	60.3	11.4	0.26	32	43	46	60	74	81	109	17.6
White													
30-39 yrs	Vietnam	1638	61.0	11.5	0.28	32	43	46	60	76	81	100	20.1
30-39 yrs	Non-Vietnam	1153	61.0	11.4	0.33	32	43	48	60	76	83	102	19.3
40-48 yrs	Vietnam	416	58.6	11.9	0.58	32	41	43	57	74	81	102	15.4
40-48 yrs	Non-Vietnam	447	58.1	10.5	0.50	34	41	46	57	71	76	93	11.6
Black													
30-39 yrs	Vietnam	211	63.5	12.4	0.86	41	46	50	62	81	86	104	24.6
30-39 yrs	Non-Vietnam	181	62.1	11.7	0.87	39	43	48	62	76	86	102	20.4
40-48 yrs	Vietnam	75	62.6	12.2	1.41	39	45	49	60	80	88	97	24.0
40-48 yrs	Non-Vietnam	58	59.5	10.8	1.42	39	41	43	60	79	79	83	15.5

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.25 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI — "Mf" Scale-5 T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	58.8	9.32	0.19	30	44	47	59	71	74	90	12.7
30-48 yrs	Non-Vietnam	1972	58.8	9.48	0.21	30	43	47	59	71	74	90	12.5
White													
30-39 yrs	Vietnam	1638	59.0	9.32	0.23	34	43	47	59	71	74	90	12.7
30-39 yrs	Non-Vietnam	1153	58.9	9.65	0.28	30	43	47	59	71	76	90	12.8
40-48 yrs	Vietnam	416	58.7	9.74	0.48	35	45	47	58	73	74	90	14.7
40-48 yrs	Non-Vietnam	447	59.7	9.11	0.43	35	45	49	59	71	74	90	14.3
Black													
30-39 yrs	Vietnam	211	59.1	8.83	0.61	34	46	49	59	73	74	88	13.3
30-39 yrs	Non-Vietnam	181	57.7	9.34	0.69	35	43	45	57	71	73	80	11.6
40-48 yrs	Vietnam	75	57.7	9.31	1.08	30	43	47	57	70	73	86	9.3
40-48 yrs	Non-Vietnam	58	57.1	8.20	1.08	39	45	47	57	69	71	74	5.2

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.26 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI - "Pa" Scale-6 T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	Percentile				% Above Reference ^a	
								10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	57.4	10.81	0.22	30	41	44	56	70	76	108	12.8
30-48 yrs	Non-Vietnam	1972	56.3	10.38	0.23	30	41	44	56	67	74	111	9.9
White													
30-39 yrs	Vietnam	1638	57.2	10.40	0.26	30	41	44	56	70	76	108	12.0
30-39 yrs	Non-Vietnam	1153	56.3	10.42	0.31	30	41	44	56	70	73	111	10.8
40-48 yrs	Vietnam	416	56.4	9.97	0.49	35	44	44	56	67	73	97	8.2
40-48 yrs	Non-Vietnam	447	56.2	8.96	0.42	33	42	47	56	67	70	97	6.7
Black													
30-39 yrs	Vietnam	211	58.1	12.07	0.83	35	41	44	56	75	79	102	18.0
30-39 yrs	Non-Vietnam	181	55.4	11.29	0.84	35	41	44	53	67	76	97	8.3
40-48 yrs	Vietnam	75	56.9	12.52	1.45	35	40	44	56	74	81	94	20.0
40-48 yrs	Non-Vietnam	58	54.2	9.28	1.22	35	41	44	53	65	73	85	6.9

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.27 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – “Pt” Scale-7 T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile				% Above Reference ^a		
							5th	10th	50th	95th		Max	
All Races ^b													
30-48 yrs	Vietnam	2490	60.2	13.2	0.26	34	44	46	58	79	87	110	20.4
30-48 yrs	Non-Vietnam	1972	57.8	11.8	0.27	30	42	46	56	73	81	114	13.9
White													
30-39 yrs	Vietnam	1638	59.9	12.9	0.32	34	42	46	58	79	85	107	19.2
30-39 yrs	Non-Vietnam	1153	58.3	12.1	0.36	30	42	46	56	75	83	114	15.0
40-48 yrs	Vietnam	416	58.6	12.8	0.63	34	42	46	56	77	85	107	17.3
40-48 yrs	Non-Vietnam	447	56.4	10.5	0.50	38	42	46	54	69	75	110	9.8
Black													
30-39 yrs	Vietnam	211	62.9	13.7	0.95	34	46	48	60	83	90	105	28.9
30-39 yrs	Non-Vietnam	181	58.4	11.2	0.84	38	42	46	58	73	79	107	14.9
40-48 yrs	Vietnam	75	60.3	14.2	1.64	38	42	44	56	81	93	101	21.3
40-48 yrs	Non-Vietnam	58	55.4	10.8	1.42	34	40	44	56	73	75	89	12.1

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.28 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – “Sc” Scale-8 T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference ^a	
							5th	10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	60.2	15.7	0.32	23	42	44	57	82	94	119	20.9
30-48 yrs	Non-Vietnam	1972	57.1	13.9	0.31	28	40	44	55	74	85	119	13.1
White													
30-39 yrs	Vietnam	1638	59.4	15.0	0.37	23	40	44	55	80	90	119	18.7
30-39 yrs	Non-Vietnam	1153	56.9	13.8	0.41	28	40	44	55	73	85	119	12.7
40-48 yrs	Vietnam	416	57.6	14.8	0.72	28	40	44	53	78	88	119	17.1
40-48 yrs	Non-Vietnam	447	54.8	11.5	0.55	32	40	42	53	67	76	119	7.6
Black													
30-39 yrs	Vietnam	211	64.7	16.5	1.14	34	44	46	61	90	96	119	33.2
30-39 yrs	Non-Vietnam	181	60.7	15.2	1.13	38	42	44	57	78	94	119	22.1
40-48 yrs	Vietnam	75	63.8	19.0	2.19	36	42	45	59	96	113	119	26.7
40-48 yrs	Non-Vietnam	58	57.4	14.6	1.91	32	36	42	55	78	84	117	15.5

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.29 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – “Ma” Scale-9 T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Percentile					% Above Reference ^a		
						Min	5th	10th	50th	90th		95th	Max
All Races ^b													
30-48 yrs	Vietnam	2490	57.8	11.10	0.22	28	40	43	58	73	78	96	15.5
30-48 yrs	Non-Vietnam	1972	57.7	11.07	0.25	28	40	45	58	73	78	103	15.1
White													
30-39 yrs	Vietnam	1638	57.2	10.82	0.27	28	40	43	58	70	75	96	13.5
30-39 yrs	Non-Vietnam	1153	57.0	10.83	0.32	28	40	43	55	70	75	103	13.8
40-48 yrs	Vietnam	416	54.7	10.55	0.52	33	38	40	53	68	73	86	8.4
40-48 yrs	Non-Vietnam	447	54.6	9.56	0.45	30	38	43	55	68	70	88	7.2
Black													
30-39 yrs	Vietnam	211	63.2	10.68	0.74	40	45	50	63	78	83	93	28.9
30-39 yrs	Non-Vietnam	181	64.8	11.84	0.88	33	48	50	63	83	86	96	32.0
40-48 yrs	Vietnam	75	63.3	11.26	1.30	35	50	50	60	78	88	93	32.0
40-48 yrs	Non-Vietnam	58	61.4	10.28	1.35	43	45	48	60	73	78	103	19.0

^a Reference value for T-score is 69.
^b All races include white, black, and other.

Table D.30 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI - "SI" Scale-0 T-Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	Percentile					% Above Reference ^a
								10th	50th	90th	95th	Max	
All Races ^b													
30-48 yrs	Vietnam	2490	55.5	11.11	0.22	29	39	42	54	71	75	87	13.1
30-48 yrs	Non-Vietnam	1972	53.4	10.51	0.24	30	39	41	51	69	72	86	8.8
White													
30-39 yrs	Vietnam	1638	55.5	11.31	0.28	29	39	42	54	71	75	87	13.9
30-39 yrs	Non-Vietnam	1153	53.6	10.85	0.32	30	38	40	52	69	73	86	9.6
40-48 yrs	Vietnam	416	55.8	10.95	0.54	34	40	43	54	72	76	86	12.0
40-48 yrs	Non-Vietnam	447	53.4	10.67	0.50	32	39	41	51	70	74	82	10.7
Black													
30-39 yrs	Vietnam	211	54.9	10.25	0.71	36	40	43	53	70	72	85	10.9
30-39 yrs	Non-Vietnam	181	52.4	8.86	0.66	35	40	42	51	65	69	78	3.9
40-48 yrs	Vietnam	75	51.7	9.48	1.09	36	39	42	49	66	72	80	5.3
40-48 yrs	Non-Vietnam	58	52.3	7.63	1.00	38	42	43	51	64	66	67	-

^a Reference value for T-score is 69.

^b All races include white, black, and other.

**Table D.31 Summary Statistics for Minnesota Multiphasic Personality Inventory:
"D" Scale-2 Obvious Symptoms -- Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	10.5	6.37	0.13	1	3	4	9	20	24	37
30-48 yrs	Non-Vietnam	1972	9.1	5.42	0.12	1	3	4	8	17	20	34
White												
30-39 yrs	Vietnam	1638	10.4	6.26	0.15	1	3	4	9	19	24	35
30-39 yrs	Non-Vietnam	1153	9.2	5.50	0.16	1	3	4	8	17	21	34
40-48 yrs	Vietnam	416	9.9	6.27	0.31	1	3	4	8	19	23	37
40-48 yrs	Non-Vietnam	447	8.4	5.16	0.24	1	3	3	7	15	19	33
Black												
30-39 yrs	Vietnam	211	11.5	6.28	0.43	2	4	5	10	21	24	35
30-39 yrs	Non-Vietnam	181	9.2	5.15	0.38	1	3	4	8	16	19	31
40-48 yrs	Vietnam	75	11.2	6.90	0.80	3	4	4	9	25	26	29
40-48 yrs	Non-Vietnam	58	8.6	4.43	0.58	2	3	4	8	15	18	24

^a All races include white, black, and other.

**Table D.32 Summary Statistics for Minnesota Multiphasic Personality Inventory:
"D" Scale-2 Subtle Symptoms – Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						Max
							5th	10th	50th	90th	95th		
All Races ^a													
30-48 yrs	Vietnam	2490	11.4	2.77	0.06	3	7	8	12	15	16	20	
30-48 yrs	Non-Vietnam	1972	11.6	2.70	0.06	4	7	8	12	15	16	19	
White													
30-39 yrs	Vietnam	1638	11.4	2.73	0.07	3	7	8	12	15	16	20	
30-39 yrs	Non-Vietnam	1153	11.6	2.69	0.08	4	7	8	12	15	16	19	
40-48 yrs	Vietnam	416	11.8	2.79	0.14	5	7	8	12	15	16	19	
40-48 yrs	Non-Vietnam	447	12.0	2.56	0.12	4	7	9	12	15	16	18	
Black													
30-39 yrs	Vietnam	211	11.0	2.66	0.18	3	6	7	11	14	15	17	
30-39 yrs	Non-Vietnam	181	11.2	2.75	0.20	4	7	8	11	15	16	18	
40-48 yrs	Vietnam	75	11.6	2.90	0.33	3	5	9	12	15	16	17	
40-48 yrs	Non-Vietnam	58	10.7	3.11	0.41	4	5	6	11	15	16	17	

^a All races include white, black, and other.

**Table D.33 Summary Statistics for Minnesota Multiphasic Personality Inventory:
"Hy" Scale-3 Obvious Symptoms – Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	8.0	5.35	0.11	0	2	3	6	16	19	31
30-48 yrs	Non-Vietnam	1972	6.6	4.39	0.10	0	2	2	5	13	16	28
White												
30-39 yrs	Vietnam	1638	7.8	5.09	0.13	0	2	3	6	15	19	31
30-39 yrs	Non-Vietnam	1153	6.7	4.45	0.13	1	2	2	5	13	16	28
40-48 yrs	Vietnam	416	7.5	5.08	0.25	0	2	3	6	15	18	31
40-48 yrs	Non-Vietnam	447	6.0	3.93	0.19	0	2	2	5	10	14	27
Black												
30-39 yrs	Vietnam	211	8.9	5.89	0.41	1	2	3	7	18	21	27
30-39 yrs	Non-Vietnam	181	6.7	4.75	0.35	0	2	2	5	13	18	28
40-48 yrs	Vietnam	75	8.7	6.40	0.74	1	2	3	6	20	24	27
40-48 yrs	Non-Vietnam	58	6.3	3.71	0.49	1	2	3	6	10	12	25

^a All races include white, black, and other.

Table D.34 Summary Statistics for Minnesota Multiphasic Personality Inventory:
 "Hy" Scale-3 Subtle Symptoms - Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	14.6	4.49	0.09	2	7	9	15	21	22	26		
30-48 yrs	Non-Vietnam	1972	15.4	4.61	0.10	2	8	9	16	21	22	26		
White														
30-39 yrs	Vietnam	1638	14.9	4.46	0.11	2	8	9	15	21	22	26		
30-39 yrs	Non-Vietnam	1153	15.6	4.47	0.13	4	8	9	16	21	22	26		
40-48 yrs	Vietnam	416	15.0	4.36	0.21	4	8	9	15	21	22	25		
40-48 yrs	Non-Vietnam	447	16.2	4.55	0.22	5	8	10	17	22	23	25		
Black														
30-39 yrs	Vietnam	211	13.4	4.11	0.28	3	7	8	14	19	20	24		
30-39 yrs	Non-Vietnam	181	13.8	4.60	0.34	3	6	8	14	19	22	25		
40-48 yrs	Vietnam	75	14.4	5.23	0.60	2	5	7	14	21	23	23		
40-48 yrs	Non-Vietnam	58	14.7	4.75	0.62	6	6	8	16	21	22	24		

^a All races include white, black, and other.

**Table D.35 Summary Statistics for Minnesota Multiphasic Personality Inventory:
"Pd" Scale-4 Obvious Symptoms — Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	7.5	4.71	0.09	0	2	7	14	17	26	
30-48 yrs	Non-Vietnam	1972	6.7	4.38	0.10	0	1	6	13	15	27	
White												
30-39 yrs	Vietnam	1638	7.4	4.56	0.11	0	2	7	14	17	26	
30-39 yrs	Non-Vietnam	1153	6.9	4.36	0.13	0	1	6	13	16	25	
40-48 yrs	Vietnam	416	6.6	4.48	0.22	0	1	6	13	16	22	
40-48 yrs	Non-Vietnam	447	5.5	3.76	0.18	0	1	5	11	13	25	
Black												
30-39 yrs	Vietnam	211	8.9	5.00	0.34	1	2	8	16	19	22	
30-39 yrs	Non-Vietnam	181	8.1	4.41	0.33	0	2	7	13	17	26	
40-48 yrs	Vietnam	75	8.1	5.28	0.61	1	2	6	17	19	22	
40-48 yrs	Non-Vietnam	58	6.8	4.09	0.54	1	1	6	13	15	21	

^a All races include white, black, and other.

**Table D.36 Summary Statistics for Minnesota Multiphasic Personality Inventory:
"Pd" Scale-4 Subtle Symptoms — Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	10.4	2.55	0.05	2	6	7	10	14	15	18		
30-48 yrs	Non-Vietnam	1972	10.5	2.58	0.06	3	6	7	11	14	15	18		
White														
30-39 yrs	Vietnam	1638	10.5	2.56	0.06	2	6	7	10	14	15	18		
30-39 yrs	Non-Vietnam	1153	10.7	2.55	0.08	3	6	7	11	14	15	18		
40-48 yrs	Vietnam	416	10.1	2.57	0.13	4	6	7	10	13	14	17		
40-48 yrs	Non-Vietnam	447	10.5	2.68	0.13	3	6	7	11	14	15	17		
Black														
30-39 yrs	Vietnam	211	10.4	2.40	0.17	4	6	7	11	14	15	17		
30-39 yrs	Non-Vietnam	181	10.2	2.56	0.19	4	6	7	10	14	14	18		
40-48 yrs	Vietnam	75	10.4	2.33	0.27	3	7	8	11	13	14	16		
40-48 yrs	Non-Vietnam	58	10.4	2.46	0.32	5	6	7	10	13	14	16		

^a All races include white, black, and other.

Table D.37. Summary Statistics for Minnesota Multiphasic Personality Inventory: "Pa" Scale-6 Obvious Symptoms — Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	3.5	3.11	0.06	0	0	3	8	10	22			
30-48 yrs	Non-Vietnam	1972	3.0	2.94	0.07	0	0	2	7	9	21			
White														
30-39 yrs	Vietnam	1638	3.2	2.90	0.07	0	0	2	7	9	22			
30-39 yrs	Non-Vietnam	1153	2.9	2.84	0.08	0	0	2	6	8	21			
40-48 yrs	Vietnam	416	3.0	2.82	0.14	0	0	2	7	8	18			
40-48 yrs	Non-Vietnam	447	2.4	2.35	0.11	0	0	2	5	7	16			
Black														
30-39 yrs	Vietnam	211	4.9	3.43	0.24	0	1	4	10	11	18			
30-39 yrs	Non-Vietnam	181	4.5	3.13	0.23	0	1	4	8	11	18			
40-48 yrs	Vietnam	75	4.4	3.56	0.41	0	1	3	9	12	15			
40-48 yrs	Non-Vietnam	58	3.7	2.96	0.39	0	0	3	8	10	15			

^a All races include white, black, and other.

Table D.38 Summary Statistics for Minnesota Multiphasic Personality Inventory:
 "Pa" Scale-6 Subtle Symptoms - Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							
							5th	10th	50th	90th	95th	Max		
All Races ^a														
30-48 yrs	Vietnam	2490	7.0	2.38	0.05	0	3	4	7	10	11	14		
30-48 yrs	Non-Vietnam	1972	7.1	2.49	0.06	0	3	4	7	10	11	14		
White														
30-39 yrs	Vietnam	1638	7.2	2.35	0.06	1	3	4	7	10	11	14		
30-39 yrs	Non-Vietnam	1153	7.3	2.46	0.07	0	3	4	7	11	11	13		
40-48 yrs	Vietnam	416	7.2	2.42	0.12	1	3	4	7	10	11	14		
40-48 yrs	Non-Vietnam	447	7.7	2.39	0.11	1	4	4	8	11	11	14		
Black														
30-39 yrs	Vietnam	211	5.8	2.09	0.14	0	3	3	6	8	9	12		
30-39 yrs	Non-Vietnam	181	5.3	2.30	0.17	1	2	2	5	9	9	12		
40-48 yrs	Vietnam	75	5.9	2.23	0.26	2	2	3	6	9	10	11		
40-48 yrs	Non-Vietnam	58	5.8	1.89	0.25	1	3	3	6	8	10	10		

^a All races include white, black, and other.

**Table D.39 Summary Statistics for Minnesota Multiphasic Personality Inventory:
"Ma" Scale-9 Obvious Symptoms -- Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile								
							5th	10th	50th	90th	95th	Max			
All Races ^a															
30-48 yrs	Vietnam	2490	7.7	3.29	0.07	0	3	4	7	12	14	20			
30-48 yrs	Non-Vietnam	1972	7.2	3.10	0.07	0	3	4	7	11	13	21			
White															
30-39 yrs	Vietnam	1638	7.5	3.21	0.08	0	3	4	7	12	13	20			
30-39 yrs	Non-Vietnam	1153	7.1	3.11	0.09	0	3	4	7	11	13	21			
40-48 yrs	Vietnam	416	7.0	3.04	0.15	0	3	3	7	11	12	17			
40-48 yrs	Non-Vietnam	447	6.4	2.73	0.13	1	3	3	6	10	11	18			
Black															
30-39 yrs	Vietnam	211	8.9	3.31	0.23	2	4	5	9	13	15	18			
30-39 yrs	Non-Vietnam	181	8.4	3.06	0.23	1	4	4	8	12	14	18			
40-48 yrs	Vietnam	75	8.4	3.67	0.42	3	4	4	8	14	15	18			
40-48 yrs	Non-Vietnam	58	7.9	3.11	0.41	2	3	4	8	12	14	16			

^a All races include white, black, and other.

**Table D.40 Summary Statistics for Minnesota Multiphasic Personality Inventory:
"Ma" Scale-9 Subtle Symptoms — Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	9.5	2.75	0.06	1	5	6	10	13	14	18
30-48 yrs	Non-Vietnam	1972	9.8	2.79	0.06	2	5	6	10	13	14	20
White												
30-39 yrs	Vietnam	1638	9.4	2.68	0.07	2	5	6	9	13	14	17
30-39 yrs	Non-Vietnam	1153	9.6	2.72	0.08	2	5	6	10	13	14	18
40-48 yrs	Vietnam	416	8.9	2.77	0.14	1	5	5	9	12	13	17
40-48 yrs	Non-Vietnam	447	9.2	2.57	0.12	2	5	6	9	12	13	18
Black												
30-39 yrs	Vietnam	211	10.6	2.78	0.19	4	6	7	11	14	16	18
30-39 yrs	Non-Vietnam	181	11.6	2.94	0.22	5	7	8	11	16	17	19
40-48 yrs	Vietnam	75	11.0	2.29	0.26	4	7	8	11	14	15	16
40-48 yrs	Non-Vietnam	58	10.8	2.52	0.33	6	7	8	11	14	15	20

^a All races include white, black, and other.

Table D.41 Summary Statistics for Minnesota Multiphasic Personality Inventory: Harris and Lingoes Subscale — Subjective Depression Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	8.5	5.30	0.11	0	2	3	7	16	19	30
30-48 yrs	Non-Vietnam	1972	7.3	4.61	0.10	0	2	3	6	14	17	29
White												
30-39 yrs	Vietnam	1638	8.4	5.24	0.13	0	2	3	7	16	19	28
30-39 yrs	Non-Vietnam	1153	7.5	4.70	0.14	0	2	3	6	14	17	28
40-48 yrs	Vietnam	416	8.1	5.23	0.26	1	2	3	7	16	20	30
40-48 yrs	Non-Vietnam	447	6.8	4.44	0.21	0	2	3	6	12	16	29
Black												
30-39 yrs	Vietnam	211	8.9	5.12	0.35	2	2	3	8	16	19	27
30-39 yrs	Non-Vietnam	181	7.0	4.26	0.32	0	2	2	6	13	15	24
40-48 yrs	Vietnam	75	8.5	5.37	0.62	2	3	4	6	18	21	23
40-48 yrs	Non-Vietnam	58	6.7	3.62	0.48	0	1	2	6	12	14	18

^a All races include white, black, and other.

**Table D.42 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Psychomotor Retardation Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	6.5	2.02	0.04	1	3	4	6	9	10	14	
30-48 yrs	Non-Vietnam	1972	6.3	1.85	0.04	1	3	4	6	9	9	13	
White													
30-39 yrs	Vietnam	1638	6.4	2.01	0.05	1	3	4	6	9	10	14	
30-39 yrs	Non-Vietnam	1153	6.2	1.88	0.06	1	3	4	6	9	9	13	
40-48 yrs	Vietnam	416	6.5	2.13	0.10	1	3	4	6	9	10	13	
40-48 yrs	Non-Vietnam	447	6.3	1.78	0.08	1	3	4	6	9	10	12	
Black													
30-39 yrs	Vietnam	211	6.5	1.86	0.13	3	4	4	6	9	10	14	
30-39 yrs	Non-Vietnam	181	6.2	1.80	0.13	3	4	4	6	9	9	12	
40-48 yrs	Vietnam	75	6.8	1.92	0.22	1	4	5	7	9	10	11	
40-48 yrs	Non-Vietnam	58	6.1	1.85	0.24	1	3	4	6	8	9	10	

^a All races include white, black, and other.

**Table D.43 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Physical Malfunctioning Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	3.3	1.44	0.03	0	1	2	3	5	6	9		
30-48 yrs	Non-Vietnam	1972	3.0	1.33	0.03	0	1	2	3	5	5	9		
White														
30-39 yrs	Vietnam	1638	3.3	1.40	0.03	0	1	2	3	5	6	9		
30-39 yrs	Non-Vietnam	1153	3.0	1.33	0.04	0	1	2	3	5	5	9		
40-48 yrs	Vietnam	416	3.2	1.40	0.07	0	1	2	3	5	6	8		
40-48 yrs	Non-Vietnam	447	2.9	1.22	0.06	0	1	2	3	4	5	8		
Black														
30-39 yrs	Vietnam	211	3.7	1.42	0.10	1	2	2	4	6	6	8		
30-39 yrs	Non-Vietnam	181	3.1	1.40	0.10	0	1	2	3	5	6	8		
40-48 yrs	Vietnam	75	3.6	1.52	0.18	1	2	2	3	6	7	8		
40-48 yrs	Non-Vietnam	58	2.9	1.38	0.18	1	1	1	3	5	5	8		

^a All races include white, black, and other.

**Table D.44 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Mental Dullness Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	3.3	3.01	0.06	0	0	0	2	8	10	15		
30-48 yrs	Non-Vietnam	1972	2.6	2.58	0.06	0	0	0	2	6	8	15		
White														
30-39 yrs	Vietnam	1638	3.2	2.93	0.07	0	0	0	2	8	9	15		
30-39 yrs	Non-Vietnam	1153	2.7	2.59	0.08	0	0	0	2	6	8	15		
40-48 yrs	Vietnam	416	3.1	2.96	0.15	0	0	0	2	7	9	15		
40-48 yrs	Non-Vietnam	447	2.4	2.53	0.12	0	0	0	2	6	8	15		
Black														
30-39 yrs	Vietnam	211	3.7	3.02	0.21	0	0	1	3	8	10	13		
30-39 yrs	Non-Vietnam	181	2.6	2.50	0.19	0	0	0	2	5	7	13		
40-48 yrs	Vietnam	75	3.6	3.25	0.38	0	0	0	2	9	11	12		
40-48 yrs	Non-Vietnam	58	2.3	2.05	0.27	0	0	0	2	5	7	9		

^a All races include white, black, and other.

Table D.45 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Brooding Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	2.4	2.25	0.05	0	0	0	2	6	7	10
30-48 yrs	Non-Vietnam	1972	1.9	2.02	0.05	0	0	1	5	6	10	
White												
30-39 yrs	Vietnam	1638	2.3	2.22	0.05	0	0	2	6	7	10	
30-39 yrs	Non-Vietnam	1153	1.9	2.05	0.06	0	0	1	5	6	10	
40-48 yrs	Vietnam	416	2.2	2.20	0.11	0	0	2	5	7	10	
40-48 yrs	Non-Vietnam	447	1.7	1.94	0.09	0	0	1	4	6	10	
Black												
30-39 yrs	Vietnam	211	2.5	2.07	0.14	0	0	2	6	6	10	
30-39 yrs	Non-Vietnam	181	2.0	1.84	0.14	0	0	2	4	6	10	
40-48 yrs	Vietnam	75	2.4	2.28	0.26	0	0	2	6	7	9	
40-48 yrs	Non-Vietnam	58	1.8	1.60	0.21	0	0	2	4	5	7	

^a All races include white, black, and other.

Table D.46 Summary Statistics for Minnesota Multiphasic Personality Inventory: Harris and Lingoes Subscale – Denial of Social Anxiety Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					
							5th	10th	50th	90th	95th	Max
All Races ^a												
30-48 yrs	Vietnam	2490	3.2	1.98	0.04	0	0	1	3	6	6	6
30-48 yrs	Non-Vietnam	1972	3.5	1.95	0.04	0	0	1	4	6	6	6
White												
30-39 yrs	Vietnam	1638	3.2	2.01	0.05	0	0	1	3	6	6	6
30-39 yrs	Non-Vietnam	1153	3.4	1.98	0.06	0	0	1	4	6	6	6
40-48 yrs	Vietnam	416	3.1	1.90	0.09	0	0	0	3	6	6	6
40-48 yrs	Non-Vietnam	447	3.6	1.96	0.09	0	0	1	4	6	6	6
Black												
30-39 yrs	Vietnam	211	3.2	1.88	0.13	0	0	1	3	6	6	6
30-39 yrs	Non-Vietnam	181	3.6	1.78	0.13	0	0	1	4	6	6	6
40-48 yrs	Vietnam	75	3.9	1.72	0.20	0	1	1	4	6	6	6
40-48 yrs	Non-Vietnam	58	3.9	1.77	0.23	0	1	1	4	6	6	6

^a All races include white, black, and other.

**Table D.47 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale -- Need for Affection Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	6.0	2.60	0.05	0	2	3	6	9	10	12	
30-48 yrs	Non-Vietnam	1972	6.4	2.65	0.06	0	2	3	6	10	11	12	
White													
30-39 yrs	Vietnam	1638	6.1	2.60	0.06	0	2	3	6	10	10	12	
30-39 yrs	Non-Vietnam	1153	6.5	2.60	0.08	0	2	3	7	10	11	12	
40-48 yrs	Vietnam	416	6.3	2.55	0.13	0	2	3	6	10	10	12	
40-48 yrs	Non-Vietnam	447	6.9	2.71	0.13	0	2	3	7	10	11	12	
Black													
30-39 yrs	Vietnam	211	5.3	2.32	0.16	0	2	2	5	8	9	12	
30-39 yrs	Non-Vietnam	181	5.5	2.50	0.19	1	2	2	5	9	10	12	
40-48 yrs	Vietnam	75	5.6	2.84	0.33	0	1	2	5	10	10	12	
40-48 yrs	Non-Vietnam	58	5.6	2.44	0.32	1	2	3	5	9	9	11	

^a All races include white, black, and other.

**Table D.48 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Lassitude-Malaise Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	3.3	3.12	0.06	0	0	2	8	10	15	
30-48 yrs	Non-Vietnam	1972	2.6	2.74	0.06	0	0	2	7	9	14	
White												
30-39 yrs	Vietnam	1638	3.3	3.02	0.07	0	0	2	8	10	15	
30-39 yrs	Non-Vietnam	1153	2.8	2.82	0.08	0	0	2	7	9	14	
40-48 yrs	Vietnam	416	2.9	2.92	0.14	0	0	2	7	9	14	
40-48 yrs	Non-Vietnam	447	2.2	2.44	0.12	0	0	1	5	7	14	
Black												
30-39 yrs	Vietnam	211	3.8	3.35	0.23	0	0	3	8	10	15	
30-39 yrs	Non-Vietnam	181	2.6	2.70	0.20	0	0	2	7	8	14	
40-48 yrs	Vietnam	75	3.6	3.57	0.41	0	0	2	10	11	13	
40-48 yrs	Non-Vietnam	58	2.2	2.11	0.28	0	0	1	5	6	10	

^a All races include white, black, and other.

**Table D.49 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Somatic Complaints Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	3.5	3.18	0.06	0	0	0	3	8	10	17		
30-48 yrs	Non-Vietnam	1972	2.7	2.50	0.06	0	0	2	6	7	16			
White														
30-39 yrs	Vietnam	1638	3.3	3.02	0.07	0	0	2	8	10	16			
30-39 yrs	Non-Vietnam	1153	2.7	2.52	0.07	0	0	2	6	8	15			
40-48 yrs	Vietnam	416	3.4	3.11	0.15	0	0	2	7	10	17			
40-48 yrs	Non-Vietnam	447	2.5	2.30	0.11	0	0	2	5	7	14			
Black														
30-39 yrs	Vietnam	211	4.2	3.47	0.24	0	0	1	3	10	15			
30-39 yrs	Non-Vietnam	181	2.9	2.74	0.20	0	0	2	6	9	14			
40-48 yrs	Vietnam	75	4.1	3.69	0.43	0	1	1	3	9	13			
40-48 yrs	Non-Vietnam	58	2.8	2.33	0.31	0	0	1	3	5	6			

^a All races include white, black, and other.

**Table D.50 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Inhibition of Aggression Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	10th	Percentile				
									50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	3.0	1.34	0.03	0	1	1	3	5	5	7	
30-48 yrs	Non-Vietnam	1972	3.2	1.38	0.03	0	1	1	3	5	5	7	
White													
30-39 yrs	Vietnam	1638	3.1	1.32	0.03	0	1	1	3	5	5	7	
30-39 yrs	Non-Vietnam	1153	3.3	1.36	0.04	0	1	2	3	5	5	7	
40-48 yrs	Vietnam	416	3.2	1.35	0.07	0	1	2	3	5	5	7	
40-48 yrs	Non-Vietnam	447	3.4	1.27	0.06	0	1	2	3	5	5	6	
Black													
30-39 yrs	Vietnam	211	2.7	1.36	0.09	0	1	1	3	5	5	6	
30-39 yrs	Non-Vietnam	181	2.7	1.44	0.11	0	0	1	3	5	5	6	
40-48 yrs	Vietnam	75	2.9	1.43	0.16	0	0	1	3	5	5	6	
40-48 yrs	Non-Vietnam	58	3.2	1.45	0.19	0	1	1	3	5	5	6	

^a All races include white, black, and other.

**Table D.51 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Family Discord Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	2.5	1.89	0.04	0	0	0	2	5	6	10		
30-48 yrs	Non-Vietnam	1972	2.3	1.86	0.04	0	0	0	2	5	6	10		
White														
30-39 yrs	Vietnam	1638	2.5	1.83	0.05	0	0	0	2	5	6	10		
30-39 yrs	Non-Vietnam	1153	2.4	1.86	0.05	0	1	2	5	6	6	10		
40-48 yrs	Vietnam	416	2.2	1.87	0.09	0	0	0	2	5	6	10		
40-48 yrs	Non-Vietnam	447	2.0	1.74	0.08	0	0	0	2	4	6	10		
Black														
30-39 yrs	Vietnam	211	2.7	2.03	0.14	0	0	1	2	6	7	10		
30-39 yrs	Non-Vietnam	181	2.4	1.87	0.14	0	0	0	2	5	7	10		
40-48 yrs	Vietnam	75	2.5	2.07	0.24	0	0	1	2	5	7	9		
40-48 yrs	Non-Vietnam	58	2.2	1.66	0.22	0	0	1	2	4	5	8		

^a All races include white, black, and other.

**Table D.52 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Authority Problems Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	5.6	1.79	0.04	0	3	3	6	8	9	11	
30-48 yrs	Non-Vietnam	1972	5.6	1.80	0.04	0	3	3	6	8	8	11	
White													
30-39 yrs	Vietnam	1638	5.8	1.78	0.04	1	3	4	6	8	9	11	
30-39 yrs	Non-Vietnam	1153	5.7	1.80	0.05	1	3	3	6	8	9	11	
40-48 yrs	Vietnam	416	5.3	1.79	0.09	0	3	3	5	8	8	11	
40-48 yrs	Non-Vietnam	447	5.2	1.78	0.08	0	2	3	5	8	8	10	
Black													
30-39 yrs	Vietnam	211	5.5	1.79	0.12	2	3	3	5	8	9	10	
30-39 yrs	Non-Vietnam	181	5.7	1.76	0.13	2	3	3	6	8	8	9	
40-48 yrs	Vietnam	75	5.3	1.47	0.17	2	3	4	5	7	8	8	
40-48 yrs	Non-Vietnam	58	5.4	1.48	0.19	3	3	3	6	7	8	10	

^a All races include white, black, and other.

**Table D.53 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Social Imperturbability Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	6.9	2.66	0.05	0	3	3	7	10	11	12
30-48 yrs	Non-Vietnam	1972	7.4	2.63	0.06	0	3	4	8	11	11	12
White												
30-39 yrs	Vietnam	1638	6.9	2.72	0.07	0	2	3	7	10	11	12
30-39 yrs	Non-Vietnam	1153	7.3	2.70	0.08	0	3	4	8	11	11	12
40-48 yrs	Vietnam	416	6.7	2.58	0.13	0	3	3	7	10	11	12
40-48 yrs	Non-Vietnam	447	7.4	2.65	0.13	1	3	4	8	11	11	12
Black												
30-39 yrs	Vietnam	211	7.2	2.49	0.17	1	3	3	7	10	11	12
30-39 yrs	Non-Vietnam	181	7.7	2.27	0.17	2	4	5	8	11	11	12
40-48 yrs	Vietnam	75	7.9	2.18	0.25	2	4	5	8	11	11	12
40-48 yrs	Non-Vietnam	58	8.1	2.22	0.29	4	4	5	8	11	12	12

^a All races include white, black, and other.

Table D.54 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Social Alienation Raw Score (From Pd Scale)

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	6.0	3.12	0.06	0	2	2	5	11	12	17	
30-48 yrs	Non-Vietnam	1972	5.7	2.86	0.06	0	2	2	5	10	11	17	
White													
30-39 yrs	Vietnam	1638	5.9	3.00	0.07	0	2	2	5	10	11	16	
30-39 yrs	Non-Vietnam	1153	5.7	2.83	0.08	1	2	3	5	10	11	17	
40-48 yrs	Vietnam	416	5.6	3.02	0.15	0	2	2	5	10	12	16	
40-48 yrs	Non-Vietnam	447	5.3	2.58	0.12	1	2	2	5	9	10	17	
Black													
30-39 yrs	Vietnam	211	7.0	3.30	0.23	1	2	3	7	12	13	15	
30-39 yrs	Non-Vietnam	181	6.4	3.11	0.23	0	2	2	6	11	12	17	
40-48 yrs	Vietnam	75	6.3	3.42	0.39	0	1	2	6	11	13	15	
40-48 yrs	Non-Vietnam	58	6.1	2.65	0.35	2	2	3	6	9	13	13	

^a All races include white, black, and other.

**Table D.55 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Self-Alienation Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	5.0	3.15	0.06	0	1	2	4	10	11	15
30-48 yrs	Non-Vietnam	1972	4.4	2.91	0.07	0	1	1	4	8	10	15
White												
30-39 yrs	Vietnam	1638	5.0	3.10	0.08	0	1	2	4	10	11	15
30-39 yrs	Non-Vietnam	1153	4.4	2.95	0.09	0	1	1	4	8	10	15
40-48 yrs	Vietnam	416	4.3	2.80	0.14	0	1	1	4	9	10	13
40-48 yrs	Non-Vietnam	447	3.7	2.51	0.12	0	0	1	3	7	9	14
Black												
30-39 yrs	Vietnam	211	5.9	3.15	0.22	0	2	2	5	10	12	15
30-39 yrs	Non-Vietnam	181	5.3	2.91	0.22	0	1	2	5	9	10	15
40-48 yrs	Vietnam	75	5.4	3.63	0.42	0	1	1	4	11	13	14
40-48 yrs	Non-Vietnam	58	4.8	2.75	0.36	0	1	1	4	8	11	11

^a All races include white, black, and other.

**Table D.56 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Persecutory Ideas Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							Max
							5th	10th	50th	90th	95th			
All Races ^a														
30-48 yrs	Vietnam	2490	2.4	2.35	0.05	0	0	0	2	5	7	16		
30-48 yrs	Non-Vietnam	1972	2.1	2.23	0.05	0	0	1	5	7	16			
White														
30-39 yrs	Vietnam	1638	2.2	2.16	0.05	0	0	2	5	6	16			
30-39 yrs	Non-Vietnam	1153	1.9	2.07	0.06	0	0	1	4	6	16			
40-48 yrs	Vietnam	416	2.0	2.06	0.10	0	0	1	4	6	13			
40-48 yrs	Non-Vietnam	447	1.6	1.73	0.08	0	0	1	4	5	12			
Black														
30-39 yrs	Vietnam	211	3.5	2.74	0.19	0	1	3	7	9	16			
30-39 yrs	Non-Vietnam	181	3.4	2.72	0.20	0	1	3	6	9	14			
40-48 yrs	Vietnam	75	3.4	2.91	0.34	0	1	3	7	10	14			
40-48 yrs	Non-Vietnam	58	2.9	2.20	0.29	0	1	2	6	7	11			

^a All races include white, black, and other.

Table D.57 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Poignancy Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	2.6	1.74	0.03	0	0	1	2	5	6	8	
30-48 yrs	Non-Vietnam	1972	2.4	1.64	0.04	0	0	1	2	5	5	9	
White													
30-39 yrs	Vietnam	1638	2.6	1.75	0.04	0	0	1	2	5	6	8	
30-39 yrs	Non-Vietnam	1153	2.4	1.66	0.05	0	0	1	2	5	5	9	
40-48 yrs	Vietnam	416	2.5	1.55	0.08	0	0	1	2	5	5	8	
40-48 yrs	Non-Vietnam	447	2.4	1.57	0.07	0	0	1	2	5	5	8	
Black													
30-39 yrs	Vietnam	211	2.7	1.74	0.12	0	0	0	3	5	6	7	
30-39 yrs	Non-Vietnam	181	2.1	1.60	0.12	0	0	0	2	4	5	8	
40-48 yrs	Vietnam	75	2.2	1.83	0.21	0	0	0	2	5	6	8	
40-48 yrs	Non-Vietnam	58	2.1	1.43	0.19	0	0	0	2	4	5	6	

^a All races include white, black, and other.

**Table D.58 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale - Nalvete Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	4.1	2.17	0.04	0	1	1	4	7	8	9	
30-48 yrs	Non-Vietnam	1972	4.4	2.22	0.05	0	1	4	4	7	8	9	
White													
30-39 yrs	Vietnam	1638	4.3	2.19	0.05	0	1	4	4	7	8	9	
30-39 yrs	Non-Vietnam	1153	4.5	2.21	0.07	0	1	2	4	8	8	9	
40-48 yrs	Vietnam	416	4.4	2.17	0.11	0	1	2	4	7	8	9	
40-48 yrs	Non-Vietnam	447	4.9	2.14	0.10	0	1	2	5	8	8	9	
Black													
30-39 yrs	Vietnam	211	3.0	1.76	0.12	0	1	1	3	6	6	8	
30-39 yrs	Non-Vietnam	181	3.0	1.96	0.15	0	0	1	3	6	7	9	
40-48 yrs	Vietnam	75	3.3	2.01	0.23	0	1	1	3	6	7	8	
40-48 yrs	Non-Vietnam	58	3.4	1.81	0.24	1	1	3	3	6	7	7	

^a All races include white, black, and other.

**Table D.59 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Social Alienation Raw Score (From Sc Scale)**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	3.2	3.11	0.06	0	0	2	8	10	18	
30-48 yrs	Non-Vietnam	1972	2.7	2.82	0.06	0	0	2	7	8	18	
White												
30-39 yrs	Vietnam	1638	3.1	2.96	0.07	0	0	2	7	9	18	
30-39 yrs	Non-Vietnam	1153	2.6	2.73	0.08	0	0	2	6	8	17	
40-48 yrs	Vietnam	416	2.8	2.97	0.15	0	0	2	7	9	16	
40-48 yrs	Non-Vietnam	447	2.2	2.50	0.12	0	0	1	5	7	16	
Black												
30-39 yrs	Vietnam	211	4.2	3.26	0.22	0	0	4	9	11	14	
30-39 yrs	Non-Vietnam	181	3.6	3.10	0.23	0	0	3	7	10	18	
40-48 yrs	Vietnam	75	3.9	3.55	0.41	0	0	3	10	12	14	
40-48 yrs	Non-Vietnam	58	3.2	2.67	0.35	0	1	2	7	9	12	

^a All races include white, black, and other.

**Table D.60 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Emotional Alienation Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	1.3	1.44	0.03	0	0	1	3	4	9		
30-48 yrs	Non-Vietnam	1972	1.1	1.33	0.03	0	0	1	3	4	10		
White													
30-39 yrs	Vietnam	1638	1.2	1.40	0.03	0	0	1	3	4	9		
30-39 yrs	Non-Vietnam	1153	1.1	1.36	0.04	0	0	1	3	4	10		
40-48 yrs	Vietnam	416	1.1	1.38	0.07	0	0	1	3	4	8		
40-48 yrs	Non-Vietnam	447	0.9	1.14	0.05	0	0	1	2	3	7		
Black													
30-39 yrs	Vietnam	211	1.4	1.36	0.09	0	0	1	3	4	8		
30-39 yrs	Non-Vietnam	181	1.2	1.25	0.09	0	0	1	3	4	7		
40-48 yrs	Vietnam	75	1.5	1.30	0.15	0	0	1	3	4	7		
40-48 yrs	Non-Vietnam	58	0.9	1.13	0.15	0	0	1	2	4	6		

^a All races include white, black, and other.

**Table D.61 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Lack of Ego Mastery, Cognitive Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					
							5th	10th	50th	90th	95th	Max
All Races ^a												
30-48 yrs	Vietnam	2490	2.1	2.44	0.05	0	0	0	1	6	8	10
30-48 yrs	Non-Vietnam	1972	1.5	2.06	0.05	0	0	1	5	6	10	
White												
30-39 yrs	Vietnam	1638	1.9	2.33	0.06	0	0	1	5	7	10	
30-39 yrs	Non-Vietnam	1153	1.5	2.09	0.06	0	0	1	5	6	10	
40-48 yrs	Vietnam	416	1.7	2.20	0.11	0	0	1	5	7	10	
40-48 yrs	Non-Vietnam	447	1.0	1.68	0.08	0	0	0	3	5	10	
Black												
30-39 yrs	Vietnam	211	2.9	2.83	0.19	0	0	2	8	8	10	
30-39 yrs	Non-Vietnam	181	2.0	2.14	0.16	0	0	1	5	6	10	
40-48 yrs	Vietnam	75	2.4	2.66	0.31	0	0	1	6	8	9	
40-48 yrs	Non-Vietnam	58	1.8	2.03	0.27	0	0	1	5	6	8	

^a All races include white, black, and other.

**Table D.62 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Lack of Ego Mastery, Conative Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile							
							5th	10th	50th	90th	95th	Max		
All Races ^a														
30-48 yrs	Vietnam	2490	2.7	2.63	0.05	0	0	0	2	7	8	13		
30-48 yrs	Non-Vietnam	1972	2.1	2.30	0.05	0	0	1	5	7	13			
White														
30-39 yrs	Vietnam	1638	2.7	2.58	0.06	0	0	2	6	8	13			
30-39 yrs	Non-Vietnam	1153	2.2	2.38	0.07	0	0	1	6	8	13			
40-48 yrs	Vietnam	416	2.3	2.53	0.12	0	0	1	6	8	13			
40-48 yrs	Non-Vietnam	447	1.8	2.01	0.10	0	0	1	5	7	11			
Black														
30-39 yrs	Vietnam	211	3.1	2.53	0.17	0	1	2	7	8	12			
30-39 yrs	Non-Vietnam	181	2.4	2.20	0.16	0	1	2	5	8	11			
40-48 yrs	Vietnam	75	3.0	2.54	0.29	0	1	2	7	8	12			
40-48 yrs	Non-Vietnam	58	2.0	1.92	0.25	0	0	1	6	6	7			

^a All races include white, black, and other.

**Table D.63 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Lack of Ego Mastery, Defective Inhibition Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	1.7	1.79	0.04	0	0	0	1	4	5	10	
30-48 yrs	Non-Vietnam	1972	1.4	1.63	0.04	0	0	1	4	5	10		
White													
30-39 yrs	Vietnam	1638	1.7	1.74	0.04	0	0	1	4	5	10		
30-39 yrs	Non-Vietnam	1153	1.4	1.64	0.05	0	0	1	4	5	10		
40-48 yrs	Vietnam	416	1.4	1.63	0.08	0	0	1	4	5	9		
40-48 yrs	Non-Vietnam	447	1.1	1.34	0.06	0	0	1	3	4	8		
Black													
30-39 yrs	Vietnam	211	2.0	1.81	0.12	0	0	2	5	5	8		
30-39 yrs	Non-Vietnam	181	1.8	1.75	0.13	0	0	2	4	5	8		
40-48 yrs	Vietnam	75	1.7	1.99	0.23	0	0	1	5	6	7		
40-48 yrs	Non-Vietnam	58	1.4	1.58	0.21	0	0	1	4	5	7		

^a All races include white, black, and other.

**Table D.64 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Bizarre Sensory Experiences Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	2.9	3.14	0.06	0	0	2	7	10	18	
30-48 yrs	Non-Vietnam	1972	2.1	2.57	0.06	0	0	1	5	7	18	
White												
30-39 yrs	Vietnam	1638	2.7	2.99	0.07	0	0	2	7	9	17	
30-39 yrs	Non-Vietnam	1153	2.0	2.56	0.08	0	0	1	5	7	18	
40-48 yrs	Vietnam	416	2.4	2.84	0.14	0	0	1	6	8	17	
40-48 yrs	Non-Vietnam	447	1.5	2.09	0.10	0	0	1	4	6	13	
Black												
30-39 yrs	Vietnam	211	3.9	3.38	0.23	0	0	3	9	11	15	
30-39 yrs	Non-Vietnam	181	3.0	2.98	0.22	0	0	2	7	10	15	
40-48 yrs	Vietnam	75	3.9	3.63	0.42	0	1	3	9	13	14	
40-48 yrs	Non-Vietnam	58	2.6	2.83	0.37	0	0	2	6	7	17	

^a All races include white, black, and other.

Table D.65 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Amorality Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	1.9	1.32	0.03	0	0	2	4	4	6	
30-48 yrs	Non-Vietnam	1972	1.9	1.34	0.03	0	0	2	4	4	6	
White												
30-39 yrs	Vietnam	1638	1.9	1.30	0.03	0	0	2	4	4	6	
30-39 yrs	Non-Vietnam	1153	1.8	1.28	0.04	0	0	2	4	4	6	
40-48 yrs	Vietnam	416	1.6	1.23	0.06	0	0	2	3	4	5	
40-48 yrs	Non-Vietnam	447	1.6	1.28	0.06	0	0	1	3	4	6	
Black												
30-39 yrs	Vietnam	211	2.5	1.39	0.10	0	1	2	4	5	6	
30-39 yrs	Non-Vietnam	181	2.5	1.51	0.11	0	1	2	5	5	6	
40-48 yrs	Vietnam	75	2.3	1.55	0.18	0	0	2	4	5	6	
40-48 yrs	Non-Vietnam	58	2.4	1.48	0.19	0	0	2	5	5	5	

^a All races include white, black, and other.

**Table D.66 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Psychomotor Acceleration Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	5.5	2.00	0.04	0	2	3	5	8	9	11	
30-48 yrs	Non-Vietnam	1972	5.3	2.05	0.05	0	2	3	5	8	9	11	
White													
30-39 yrs	Vietnam	1638	5.6	2.00	0.05	0	2	3	6	8	9	11	
30-39 yrs	Non-Vietnam	1153	5.4	2.05	0.06	0	2	3	5	8	9	11	
40-48 yrs	Vietnam	416	5.2	1.93	0.09	1	2	3	5	8	8	11	
40-48 yrs	Non-Vietnam	447	5.0	1.98	0.09	0	2	2	5	8	8	11	
Black													
30-39 yrs	Vietnam	211	5.7	1.80	0.12	2	3	4	6	8	9	10	
30-39 yrs	Non-Vietnam	181	5.7	2.07	0.15	1	2	3	6	8	9	10	
40-48 yrs	Vietnam	75	5.6	1.95	0.23	1	3	3	5	8	9	10	
40-48 yrs	Non-Vietnam	58	5.1	1.89	0.25	2	2	3	5	8	8	11	

^a All races include white, black, and other.

**Table D.67 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale – Imperturbability Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	3.2	1.78	0.04	0	0	1	3	6	6	8	
30-48 yrs	Non-Vietnam	1972	3.5	1.78	0.04	0	1	4	6	6	8		
White													
30-39 yrs	Vietnam	1638	3.1	1.75	0.04	0	0	1	3	5	6	8	
30-39 yrs	Non-Vietnam	1153	3.4	1.76	0.05	0	0	1	3	6	6	8	
40-48 yrs	Vietnam	416	3.0	1.75	0.09	0	0	1	3	5	6	7	
40-48 yrs	Non-Vietnam	447	3.3	1.82	0.09	0	0	1	3	6	6	8	
Black													
30-39 yrs	Vietnam	211	3.5	1.93	0.13	0	0	1	4	6	6	8	
30-39 yrs	Non-Vietnam	181	4.1	1.68	0.13	0	1	2	4	6	7	8	
40-48 yrs	Vietnam	75	4.0	1.64	0.19	0	1	2	4	6	6	8	
40-48 yrs	Non-Vietnam	58	4.2	1.70	0.22	0	1	2	4	6	7	8	

^a All races include white, black, and other.

**Table D.68 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Harris and Lingoes Subscale — Ego Inflation Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	3.1	1.58	0.03	0	1	1	3	5	6	9
30-48 yrs	Non-Vietnam	1972	3.0	1.60	0.04	0	1	1	3	5	6	9
White												
30-39 yrs	Vietnam	1638	3.0	1.55	0.04	0	1	1	3	5	6	9
30-39 yrs	Non-Vietnam	1153	2.9	1.56	0.05	0	1	1	3	5	6	9
40-48 yrs	Vietnam	416	2.8	1.55	0.08	0	1	1	3	5	6	8
40-48 yrs	Non-Vietnam	447	2.7	1.47	0.07	0	1	1	3	5	5	9
Black												
30-39 yrs	Vietnam	211	3.7	1.51	0.10	0	1	2	4	6	6	8
30-39 yrs	Non-Vietnam	181	3.8	1.64	0.12	0	1	2	4	6	7	8
40-48 yrs	Vietnam	75	3.7	1.64	0.19	0	1	1	3	6	7	8
40-48 yrs	Non-Vietnam	58	3.6	1.74	0.23	0	1	2	3	6	7	8

^a All races include white, black, and other.

**Table D.69 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MacAndrews Alcoholism Scale – Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	24.6	4.57	0.09	10	17	19	24	31	32	39	
30-48 yrs	Non-Vietnam	1972	24.3	4.73	0.11	10	17	18	24	31	33	39	
White													
30-39 yrs	Vietnam	1638	24.4	4.43	0.11	11	17	19	24	30	32	38	
30-39 yrs	Non-Vietnam	1153	24.3	4.60	0.14	11	17	18	24	30	32	39	
40-48 yrs	Vietnam	416	23.4	4.75	0.23	10	16	18	23	30	32	39	
40-48 yrs	Non-Vietnam	447	22.9	4.33	0.20	10	17	18	23	29	31	37	
Black													
30-39 yrs	Vietnam	211	26.6	4.21	0.29	14	20	21	27	32	33	37	
30-39 yrs	Non-Vietnam	181	27.1	4.75	0.35	17	19	21	27	34	35	39	
40-48 yrs	Vietnam	75	26.7	4.51	0.52	16	20	22	27	33	34	38	
40-48 yrs	Non-Vietnam	58	26.3	4.95	0.65	16	19	20	25	32	34	39	

^a All races include white, black, and other.

**Table D.70 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Emotional Disturbance Scale — Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					
							5th	10th	50th	90th	95th	Max
All Races ^a												
30-48 yrs	Vietnam	2490	4.6	3.86	0.08	0	0	1	4	10	13	19
30-48 yrs	Non-Vietnam	1972	3.7	3.22	0.07	0	0	0	3	8	10	19
White												
30-39 yrs	Vietnam	1638	4.6	3.81	0.09	0	0	1	4	10	13	19
30-39 yrs	Non-Vietnam	1153	3.8	3.32	0.10	0	0	0	3	9	11	15
40-48 yrs	Vietnam	416	4.1	3.58	0.18	0	0	0	3	9	12	18
40-48 yrs	Non-Vietnam	447	3.3	2.98	0.14	0	0	0	3	7	9	19
Black												
30-39 yrs	Vietnam	211	5.0	3.87	0.27	0	0	1	4	11	12	18
30-39 yrs	Non-Vietnam	181	3.6	3.09	0.23	0	0	0	3	8	9	17
40-48 yrs	Vietnam	75	4.3	4.18	0.48	0	0	0	4	11	14	18
40-48 yrs	Non-Vietnam	58	3.3	2.59	0.34	0	0	1	3	6	9	14

^a All races include white, black, and other.

**Table D.71 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Tryon, Stein, and Chu Body Symptoms Scale – Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	10th	Percentile				Max
									50th	90th	95th		
All Races ^a													
30-48 yrs	Vietnam	2490	7.3	6.04	0.12	0	1	1	6	16	20	31	
30-48 yrs	Non-Vietnam	1972	5.5	4.83	0.11	0	0	1	4	12	16	30	
White													
30-39 yrs	Vietnam	1638	7.1	5.83	0.14	0	1	1	5	16	19	31	
30-39 yrs	Non-Vietnam	1153	5.6	4.97	0.15	0	0	1	4	13	16	30	
40-48 yrs	Vietnam	416	6.5	5.83	0.29	0	1	1	5	15	19	30	
40-48 yrs	Non-Vietnam	447	4.7	4.29	0.20	0	0	1	4	10	13	25	
Black													
30-39 yrs	Vietnam	211	8.3	6.41	0.44	0	1	2	7	18	21	30	
30-39 yrs	Non-Vietnam	181	5.9	4.99	0.37	0	1	1	4	13	16	29	
40-48 yrs	Vietnam	75	7.7	6.50	0.75	0	0	1	6	17	23	30	
40-48 yrs	Non-Vietnam	58	5.4	3.83	0.50	0	1	2	5	9	12	25	

^a All races include white, black, and other.

Table D.72 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Tryon, Stein, and Chu Tension Scale — Raw Score

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	11.5	6.81	0.14	0	3	4	10	21	25	35
30-48 yrs	Non-Vietnam	1972	10.0	6.10	0.14	0	2	3	9	19	21	34
White												
30-39 yrs	Vietnam	1638	11.3	6.76	0.17	0	2	3	10	21	25	35
30-39 yrs	Non-Vietnam	1153	10.0	6.19	0.18	0	2	3	9	19	21	33
40-48 yrs	Vietnam	416	10.8	6.40	0.31	0	3	4	9	20	22	34
40-48 yrs	Non-Vietnam	447	9.0	5.69	0.27	0	2	3	8	17	20	34
Black												
30-39 yrs	Vietnam	211	12.9	6.66	0.46	1	4	5	12	22	25	32
30-39 yrs	Non-Vietnam	181	11.3	5.88	0.44	0	2	4	10	19	21	31
40-48 yrs	Vietnam	75	11.8	7.04	0.81	0	3	4	10	22	27	31
40-48 yrs	Non-Vietnam	58	9.7	4.93	0.65	3	3	4	9	17	19	24

^a All races include white, black, and other.

**Table D.73 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Weish Scale – Anxiety Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	10th	Percentile				
									50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	12.4	9.29	0.19	0	1	2	10	27	31	39	
30-48 yrs	Non-Vietnam	1972	10.5	8.49	0.19	0	1	2	8	23	28	39	
White													
30-39 yrs	Vietnam	1638	12.1	9.13	0.23	0	1	2	10	26	30	39	
30-39 yrs	Non-Vietnam	1153	10.5	8.62	0.25	0	1	2	8	24	28	38	
40-48 yrs	Vietnam	416	11.5	9.13	0.45	0	1	2	9	26	30	38	
40-48 yrs	Non-Vietnam	447	9.1	7.91	0.37	0	0	1	7	20	26	39	
Black													
30-39 yrs	Vietnam	211	14.4	9.39	0.65	0	2	3	13	29	31	38	
30-39 yrs	Non-Vietnam	181	12.0	8.10	0.60	0	1	3	11	23	28	38	
40-48 yrs	Vietnam	75	12.7	9.01	1.04	0	1	3	10	27	31	35	
40-48 yrs	Non-Vietnam	58	11.5	8.05	1.06	0	1	2	10	25	29	31	

^a All races include white, black, and other.

**Table D.74 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Welsh Scale -- Repression Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					
							5th	10th	50th	90th	95th	Max
All Races ^a												
30-48 yrs	Vietnam	2490	16.8	4.51	0.09	2	10	11	17	23	24	34
30-48 yrs	Non-Vietnam	1972	16.6	4.49	0.10	4	9	11	17	22	24	34
White												
30-39 yrs	Vietnam	1638	16.9	4.43	0.11	2	10	11	17	23	24	32
30-39 yrs	Non-Vietnam	1153	16.6	4.42	0.13	5	9	11	16	23	24	29
40-48 yrs	Vietnam	416	17.1	4.67	0.23	6	10	11	17	23	26	30
40-48 yrs	Non-Vietnam	447	17.4	4.33	0.20	4	10	11	17	23	24	31
Black												
30-39 yrs	Vietnam	211	15.9	4.60	0.32	5	9	10	16	22	24	34
30-39 yrs	Non-Vietnam	181	15.4	4.41	0.33	5	8	10	15	21	23	31
40-48 yrs	Vietnam	75	16.2	4.21	0.49	7	10	11	16	21	22	30
40-48 yrs	Non-Vietnam	58	15.8	4.80	0.63	5	7	9	16	22	24	25

^a All races include white, black, and other.

**Table D.75 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Drug Abuse Scale — Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					Max
							5th	10th	50th	90th	95th	
All Races ^a												
30-48 yrs	Vietnam	2490	17.0	4.18	0.08	5	10	12	17	23	24	32
30-48 yrs	Non-Vietnam	1972	16.6	4.03	0.09	5	10	11	16	22	23	30
White												
30-39 yrs	Vietnam	1638	17.3	4.16	0.10	6	11	12	17	23	24	32
30-39 yrs	Non-Vietnam	1153	17.1	4.07	0.12	5	11	12	17	22	24	30
40-48 yrs	Vietnam	416	16.4	4.14	0.20	5	10	11	16	22	23	28
40-48 yrs	Non-Vietnam	447	16.5	3.79	0.18	8	10	12	16	21	23	30
Black												
30-39 yrs	Vietnam	211	16.6	4.08	0.28	7	10	11	16	22	23	27
30-39 yrs	Non-Vietnam	181	14.9	3.83	0.29	6	9	10	15	21	22	26
40-48 yrs	Vietnam	75	15.4	4.45	0.51	5	7	9	15	21	24	26
40-48 yrs	Non-Vietnam	58	14.5	3.21	0.42	7	9	10	15	19	20	23

^a All races include white, black, and other.

**Table D.76 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Manifest Anxiety Scale – Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	15.8	9.57	0.19	0	4	5	14	30	34	47	
30-48 yrs	Non-Vietnam	1972	13.7	8.50	0.19	0	3	4	12	26	30	48	
White													
30-39 yrs	Vietnam	1638	15.7	9.50	0.23	0	3	5	14	30	34	47	
30-39 yrs	Non-Vietnam	1153	14.0	8.76	0.26	0	3	4	12	27	31	43	
40-48 yrs	Vietnam	416	15.2	9.29	0.46	1	4	5	13	30	33	43	
40-48 yrs	Non-Vietnam	447	12.8	8.05	0.38	0	3	4	11	23	29	48	
Black													
30-39 yrs	Vietnam	211	16.9	9.37	0.65	2	4	6	15	30	33	44	
30-39 yrs	Non-Vietnam	181	13.8	7.83	0.58	0	2	5	13	24	28	45	
40-48 yrs	Vietnam	75	14.4	9.57	1.11	2	4	4	11	29	35	40	
40-48 yrs	Non-Vietnam	58	12.8	6.64	0.87	2	4	5	12	22	25	35	

^a All races include white, black, and other.

**Table D.77 Summary Statistics for Minnesota Multiphasic Personality Inventory:
MMPI – Ego Strength Scale T-Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	Percentile				% Above Reference ^a	
								10th	50th	90th	95th		Max
All Races ^b													
30-48 yrs	Vietnam	2490	52.0	11.35	0.23	12	30	37	54	64	67	77	1.6
30-48 yrs	Non-Vietnam	1972	54.2	9.98	0.22	12	35	40	56	66	67	77	1.9
White													
30-39 yrs	Vietnam	1638	52.9	10.82	0.27	12	32	38	54	66	67	77	1.8
30-39 yrs	Non-Vietnam	1153	54.5	9.83	0.29	16	35	40	56	66	67	77	2.0
40-48 yrs	Vietnam	416	53.5	10.59	0.52	12	30	39	56	66	67	74	2.4
40-48 yrs	Non-Vietnam	447	56.4	9.05	0.43	12	40	45	58	66	69	75	3.1
Black													
30-39 yrs	Vietnam	211	46.9	11.67	0.80	12	24	30	49	61	62	69	—
30-39 yrs	Non-Vietnam	181	50.2	10.09	0.75	16	32	37	51	61	64	69	—
40-48 yrs	Vietnam	75	47.5	12.51	1.44	14	22	30	53	59	64	69	—
40-48 yrs	Non-Vietnam	58	51.1	10.17	1.33	22	35	38	53	62	66	69	—

^a Reference value for T-score is 70.

^b All races include white, black, and other.

**Table D.78 Summary Statistics for Minnesota Multiphasic Personality Inventory:
PTSD Scale – Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile					% Above Reference	
							5th	10th	50th	90th	95th		Max
All Races ^a													
30-48 yrs	Vietnam	2490	12.1	8.95	0.18	0	2	3	10	26	31	46	6.3
30-48 yrs	Non-Vietnam	1972	9.9	7.73	0.17	0	2	3	8	21	25	45	3.0
White													
30-39 yrs	Vietnam	1638	11.8	8.62	0.21	0	2	3	9	24	30	46	5.6
30-39 yrs	Non-Vietnam	1153	10.0	7.72	0.23	0	2	3	8	21	25	43	3.1
40-48 yrs	Vietnam	416	10.4	8.07	0.40	0	2	3	8	22	29	41	3.8
40-48 yrs	Non-Vietnam	447	8.0	6.55	0.31	1	2	2	6	17	22	45	1.8
Black													
30-39 yrs	Vietnam	211	14.8	9.47	0.65	1	2	3	13	29	33	41	9.0
30-39 yrs	Non-Vietnam	181	12.1	7.91	0.59	0	2	4	10	22	26	44	2.8
40-48 yrs	Vietnam	75	12.7	10.17	1.17	0	2	3	9	31	35	38	10.7
40-48 yrs	Non-Vietnam	58	10.5	7.45	0.98	1	1	3	10	20	28	35	1.7

^a All races include white, black, and other.

**Table D.79 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Wiggins Content Scale — Social Maladjustment Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	5th	Percentile					Max
								10th	50th	90th	95th		
All Races ^a													
30-48 yrs	Vietnam	2490	11.9	6.17	0.12	0	3	4	11	21	23	27	
30-48 yrs	Non-Vietnam	1972	10.9	6.02	0.14	0	2	3	10	20	22	27	
White													
30-39 yrs	Vietnam	1638	12.2	6.31	0.16	0	3	4	12	21	23	27	
30-39 yrs	Non-Vietnam	1153	11.1	6.25	0.18	0	2	3	10	20	22	27	
40-48 yrs	Vietnam	416	12.2	6.08	0.30	1	3	4	12	20	23	27	
40-48 yrs	Non-Vietnam	447	11.0	6.09	0.29	0	3	4	10	20	22	26	
Black													
30-39 yrs	Vietnam	211	10.8	5.58	0.38	1	3	4	10	19	21	26	
30-39 yrs	Non-Vietnam	181	9.8	4.73	0.35	1	3	4	9	17	19	24	
40-48 yrs	Vietnam	75	9.2	4.72	0.55	1	3	5	8	15	19	25	
40-48 yrs	Non-Vietnam	58	9.6	4.39	0.58	1	3	4	9	16	17	19	

^a All races include white, black, and other.

**Table D.80 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Wiggins Content Scale – Depression Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	7.7	6.09	0.12	0	1	1	6	17	20	31	
30-48 yrs	Non-Vietnam	1972	6.5	5.42	0.12	0	0	1	5	14	17	30	
White													
30-39 yrs	Vietnam	1638	7.5	5.96	0.15	0	1	1	6	16	20	31	
30-39 yrs	Non-Vietnam	1153	6.5	5.52	0.16	0	0	1	5	14	18	30	
40-48 yrs	Vietnam	416	6.9	5.93	0.29	0	1	1	5	16	20	27	
40-48 yrs	Non-Vietnam	447	5.5	5.01	0.24	0	0	1	4	12	17	27	
Black													
30-39 yrs	Vietnam	211	8.7	5.83	0.40	0	1	2	7	18	19	27	
30-39 yrs	Non-Vietnam	181	7.7	5.12	0.38	0	1	2	7	15	17	28	
40-48 yrs	Vietnam	75	7.8	6.14	0.71	0	1	1	6	16	22	27	
40-48 yrs	Non-Vietnam	58	6.7	4.62	0.61	0	0	1	6	13	15	20	

^a All races include white, black, and other.

**Table D.81 Summary Statistics for Minnesota Multiphasic Personality Inventory:
Wiggins Content Scale — Feminine Interests Raw Score**

Race and Age	Place of Service	N	Mean	S.D.	S.E.	Min	Percentile						
							5th	10th	50th	90th	95th	Max	
All Races ^a													
30-48 yrs	Vietnam	2490	9.0	3.07	0.06	0	4	5	9	13	14	22	
30-48 yrs	Non-Vietnam	1972	9.2	3.21	0.07	1	4	5	9	13	15	24	
White													
30-39 yrs	Vietnam	1638	8.6	3.02	0.07	0	4	5	9	13	14	20	
30-39 yrs	Non-Vietnam	1153	8.8	3.10	0.09	1	4	5	9	13	14	24	
40-48 yrs	Vietnam	416	9.1	2.98	0.15	2	4	6	9	13	14	22	
40-48 yrs	Non-Vietnam	447	9.3	3.38	0.16	1	4	5	9	13	15	20	
Black													
30-39 yrs	Vietnam	211	10.6	2.98	0.21	3	6	7	11	14	15	22	
30-39 yrs	Non-Vietnam	181	11.0	2.80	0.21	3	7	8	11	15	16	20	
40-48 yrs	Vietnam	75	10.8	2.90	0.33	3	7	8	10	14	17	19	
40-48 yrs	Non-Vietnam	58	11.1	2.58	0.34	6	6	7	11	14	15	15	

^a All races include white, black, and other.