



Findings on Happiness & MILITARY LIFE

Correlate Code: M 11

Classification of Findings		Number of Studies on this Subject
Correlate Code	Correlate Name	
M 11	MILITARY LIFE	0
M 11.1	Military career	0
M 11.1.1	Earlier in armed force	0
M 11.1.2	Change in military life	0
M 11.1.2.1	. recent entering armed force	0
M 11.1.2.2	. recent leaving armed force	0
M 11.1.4	Later in armed force	1
M 11.2	Current involvement in military life	0
M 11.3	Attitudes to military life	0
M 11.3.1	Concern about militairy	0
M 11.3.2	Satisfaction with militairy life	0
M 11.3.3	Perceived effects of change in militairy life	4

Appendix 1:	Happiness queries used
Appendix 2:	Statistics used
Appendix 3:	About the World Database of Happiness
Appendix 4:	Further Findings in the World Database of Happiness
Appendix 5:	Related Topics

Cite as:	Veenhoven, R.: Findings on Happiness & MILITARY LIFE World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness Erasmus University Rotterdam, 2003, Netherlands
----------	--

Study	BACHM 1978	<i>Page in Report:</i>
<i>Reported in:</i>	Bachman, J. G., O'Malley, P. M., Johnston, J. Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the lives Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978	
<i>Population:</i>	Public highschool boys followed 8 years from grade 10, USA, 1966-74	
<i>Sample:</i>		
<i>Non-Response:</i>	2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5	
<i>N:</i>	T1 - T5: 2213/1886/1799/ 1620/1628	

Measured Correlate

Class: Later in armed force Code: M 11.1.4

Measurement: Single direct question at T5: are you now or have you ever been a member of the Armed Forces? 0 = no; 1 = yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HP/g/mq/v/5/a	tau= ns	T1 happiness: $\tau = -.07$ (ns) T2 happiness: $\tau = -.04$ (ns) T3 happiness: $\tau = -.00$ (ns) T4 happiness: $\tau = +.00$ (ns) T1: 1966, T2: 1968, T3: 1969, T4: 1970, T5: 1974

Study	GARBE 1971	<i>Page in Report:</i>	208
<i>Reported in:</i>	Garber, D.L. Retired soldiers in second careers: self-assessed change, reference group salience, Unpublished doctoral dissertation, 1971, University of Southern California, USA.		
<i>Population:</i>	Middle-aged, presently employed army retirees, California, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	63% of which 21% no return of questionnaire, 13% incomplete and 29% refusal		
<i>N:</i>	362		

Measured Correlate

Class: Perceived effects of change in military life Code: M 11.3.3

Measurement: 8-item index of statements indicating orientation towards and identification with the Army and former military career.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	G=+	Positive Affects only: G= +.10

Study	GARBE 1971	<i>Page in Report:</i>	196
<i>Reported in:</i>	Garber, D.L. Retired soldiers in second careers: self-assessed change, reference group salience, Unpublished doctoral dissertation, 1971, University of Southern California, USA.		
<i>Population:</i>	Middle-aged, presently employed army retirees, California, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	63% of which 21% no return of questionnaire, 13% incomplete and 29% refusal		
<i>N:</i>	362		

Measured Correlate

<i>Class:</i>	Perceived effects of change in military life Code: M 11.3.3
<i>Measurement:</i>	8-item index of statements indicating orientation towards and identification with civilian life and current civilian career.
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	G=+	Positive Affects only: G= +.28

Study	GARBE 1971	<i>Page in Report:</i>
<i>Reported in:</i>	Garber, D.L. Retired soldiers in second careers: self-assessed change, reference group salience, Unpublished doctoral dissertation, 1971, University of Southern California, USA.	
<i>Population:</i>	Middle-aged, presently employed army retirees, California, USA, 1970	
<i>Sample:</i>		
<i>Non-Response:</i>	63% of which 21% no return of questionnaire, 13% incomplete and 29% refusal	
<i>N:</i>	362	

Measured Correlate

<i>Class:</i>	Perceived effects of change in military life Code: M 11.3.3
<i>Measurement:</i>	5-item index of closed questions on amount of change in present occupation, compared with former military occupation, rated on 4-point scales ranging from 'the same' to 'very different'. Items used: actual work performed, knowledge and skill used, amount of time spent working, type of organization, kind of people one works with.
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v2/a	G=-.15	Positive Affects: G= -.17 Negative Affects: G= +.12
		Increased occupational prestige: -affect balance: G= -.29 -positive affect: G= -.25 -negative affect: G= +.20
		Same occupational prestige: -affect balance: G= +.17 -positive affect: G= +.05 -negative affect: G= -.12
		Decreased occupational prestige: -affect balance: G= -.19 -positive affect: G= -.17 -negative affect: G= +.19

Study	GARBE 1971	<i>Page in Report:</i>	181
<i>Reported in:</i>	Garber, D.L. Retired soldiers in second careers: self-assessed change, reference group salience, Unpublished doctoral dissertation, 1971, University of Southern California, USA.		
<i>Population:</i>	Middle-aged, presently employed army retirees, California, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	63% of which 21% no return of questionnaire, 13% incomplete and 29% refusal		
<i>N:</i>	362		

Measured Correlate

Class: Perceived effects of change in military life Code: M 11.3.3

Measurement: 3-item index of closed question on present job in comparison with former military job, with respect to: its general importance, level of skill and knowledge required, authority over other people.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	G=+.22	Positive Affects: G= +.30 Negative Affects: G= -.01

Appendix 1 Queries on Happiness used in reported Studies

Happiness Query Code Full Text

A-BB/cm/mq/v/2/a Selfreport on 10 questions:

- "During the past few weeks, did you ever feel?" (yes/no)
- A Particularly exited or interested in something?
 - B So restless that you couldn't sit long in a chair?
 - C Proud because someone complimented you on something you had done?
 - D Very lonely or remote from other people?
 - E Pleased about having accomplished something?
 - F Bored?
 - G On top of the world?
 - H Depressed or very unhappy?
 - I That things were going your way?
 - J Upset because someone criticized you?

Answer options and scoring:

yes = 1

no = 0

Summation:

-Positive Affect Score (PAS): A+C+E+G+I

-Negative Affect Score (NAS): B+D+F+H+J

-Affect Balance Score (ABS): PAS minus NAS

Possible range: -5 to +5

Name: Bradburn's 'Affect Balance Scale' (standard version)

O-HP/g/mq/v/5/a Selfreport on 6 questions:

" Describe the kind of person you are. Please read each sentence, then mark how often it is true for you"

- 1 I feel like smiling
- 2 I generally feel in good spirits
- 3 I feel happy
- 4 I am very satisfied with life
- 5 I find a good deal of happiness in life
- 6 I feel sad

Response options:

- 5 almost always true
- 4 often true
- 3 sometimes true
- 2 seldom true
- 1 never true

Summation: average

Possible range: 1 to 5

On the web you will find an overview of valid queries on happiness and an explanation of the classification used. Go to: www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm. This is the introductory text to the

Catalog of Happiness Queries.

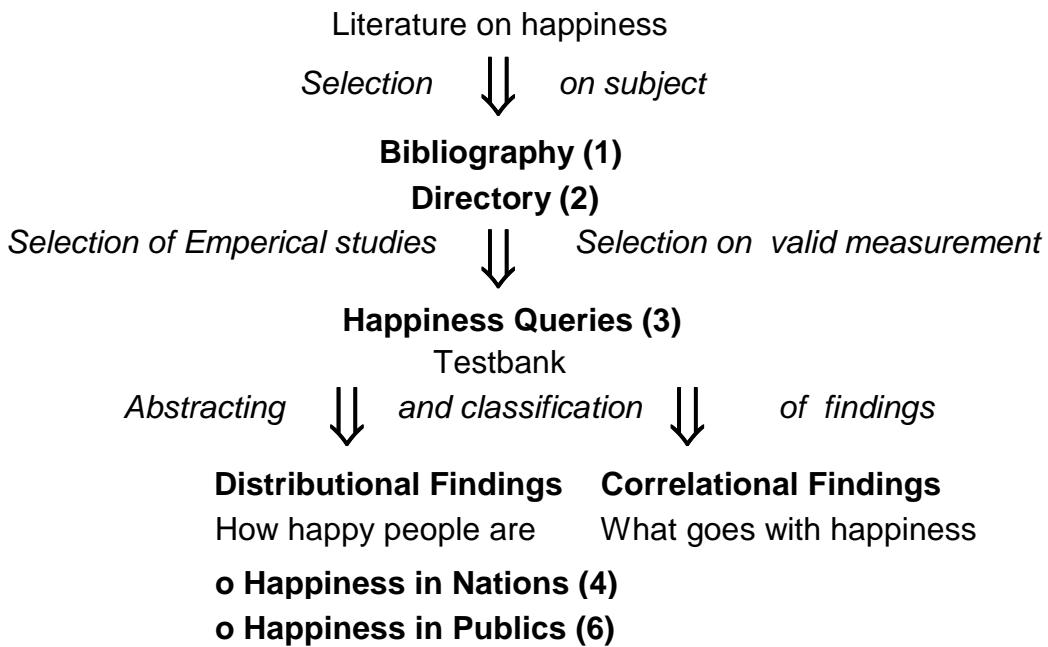
Appendix 2 **Statistics used in reported studies**

Symbol	Explanation
G	<p>GOODMAN & Kruskal's GAMMA</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: ordinal, Happiness: ordinal</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>G = 0 « no rank correlation</p> <p>G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.</p> <p>G = -1 « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.</p>
tau	<p>GOODMAN & Kruskal's TAU</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: nominal, Happiness: ordinal</p> <p>Range: [0; +1]</p> <p>Meaning:</p> <p>tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.</p> <p>tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.</p>

On the web you will find a text explaining the statistics used in more detail. Go to:
www.eur.nl/fsw/research/happiness/hap_cor/cor_fp.htm. This is the introductory text to the Catalog of Correlational Findings. An overview of all statistics is in chapter 4.

Appendix 3: About the World Database of Happiness

The World Database of Happiness is an ongoing register of scientific research on subjective appreciation of life. It brings together findings that are scattered throughout many studies and provides a basis for synthetic analysis. The research literature is processed as follows:



- 1 BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 titles, mainly in English.
- 2 DIRECTORY OF INVESTIGATORS Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.
- 3 CATALOG OF HAPPINESS QUERIES (testbank) Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.
- 4 CATALOG OF HAPPINESS IN NATIONS Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.
- 5 CATALOG OF HAPPINESS IN PUBLICS Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.
- 6 CATALOG OF CORRELATIONAL FINDINGS Presents abstracts of correlational research findings. Detailed subject-classification. Allows comparison through time and across nations. Current contents: 7476 findings from 705 studies in 140 nations, 1911-2000.

Appendix 4 *Further Findings in the World Database of Happiness*

Main Category's	Category Name	Number of Studies in this Category
A 1	ACTIVITY LEVEL (how much one does)	53
A 2	ACTIVITY PATTERN (what one does)	7
A 3	AFFECTIVE LIFE	31
A 4	AGE	279
A 5	AGGRESSION	11
A 6	ANOMY	30
A 7	APPEARANCE (good looks)	8
A 8	ATTITUDES	4
A 9	AUTHORITARIANISM	4
B 3	BODY	66
C 1	CHILDREN 1:	4
C 10	CREATIVENESS	6
C 11	CULTURE (Arts and Sciences)	6
C 2	CHILDREN: WANT FOR (Parental aspirations)	6
C 3	CHILDREN: HAVING (parental status)	145
C 4	CHILDREN's CHARACTERISTICS	19
C 5	CHILDREN: RELATION WITH	8
C 6	CHILDREN: REARING (parental behavior)	11
C 7	COMMUNAL LIVING	1
C 8	CONCERNs	15
C 9	COPING	27
D 1	DAILY JOYS & HASSLES	4
E 1	EDUCATION	243
E 2	EMPLOYMENT	180
E 3	ETHNICITY	63
E 4	EXPRESSIVE BEHAVIOR	10
F 1	FAMILY OF ORIGIN (earlier family for adults, current for young)	195
F 2	FAMILY OF PROCREATION	42
F 3	FAMILY OF RELATIVES	145
F 4	FARMING	30
F 5	FREEDOM	24
F 6	FRIENDSHIP	123
G 1	GENDER	252
G 2	GRIEF	1
H 10	HOPE	3
H 11	HOUSEHOLD: COMPOSITION	90
H 12	HOUSEHOLD: WORK	10
H 13	HOUSING	75
H 2	HANDICAP	13

H 3	HAPPINESS: ATTITUDES	39
H 5	HAPPINESS CAREER	144
H 6	HAPPINESS: CURRENT LEVEL	260
H 8	HEALTH-BEHAVIOR	15
H 9	HELPING	4
I 1	INCOME	415
I 2	INSTITUTIONAL LIVING	28
I 3	INTELLIGENCE	63
I 4	INTERESTS	5
I 5	INTERVIEW	49
I 6	INTIMACY	70
L 1	LANGUAGE	1
L 10	LOCAL ENVIRONMENT	270
L 11	LOTTERY	7
L 12	LOVE-LIFE	26
L 2	LEADERSHIP	8
L 3	LEISURE	128
L 4	LIFE APPRAISALS: OTHER THAN HAPPINESS4	290
L 5	LIFE-CHANGE	26
L 6	LIFE-EVENTS	63
L 7	LIFE-GOALS	52
L 8	LIFE HISTORY	1
L 9	LIFE STYLE	4
M 1	MARRIAGE: MARITAL STATUS CAREER	32
M 10	MIGRATION: MIGRANT WORK	3
M 11	MILITARY LIFE	5
M 12	MODERNITY	5
M 13	MOOD	181
M 2	MARRIAGE: CURRENT MARITAL STATUS	315
M 3	MARRIAGE: RELATIONSHIP	99
M 4	MARRIAGE: PARTNER	34
M 5	MEANING	18
M 6	MEDICAL TREATMENT	49
M 7	MENTAL HEALTH	99
M 8	MIGRATION: OTHER COUNTRY	9
M 9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
N 1	NATIONALITY	5
N 2	NATION: TIME & PLACE	20
N 3	NATIONAL CHARACTER (modal personality)	2
N 4	NATION'S CONDITION	52
N 6	ATTITUDES TO THE NATION	111
N 7	LIVABILITY OF THE NATION	5
N 8	NUTRITION	18
O 1	OCCUPATION	133

O 2	ORGAN TRANSPLANTATION	11
P 1	PERSONALITY: HISTORY	44
P 10	POSSESSIONS	26
P 12	PROBLEMS	20
P 13	PSYCHO-SOMATIC COMPLAINTS	53
P 2	PERSONALITY: CHANGE	7
P 3	PERSONALITY: CURRENT ORGANIZATION	7
P 4	PERSONALITY: CURRENT TRAITS	392
P 5	PERSONALITY: LATER	23
P 6	PHYSICAL HEALTH	286
P 7	PLANNING	7
P 8	POLITICS	197
P 9	POPULARITY	22
R 1	RELIGION	198
R 2	RESOURCES	8
R 3	RETIREMENT	46
R 4	ROLES	13
S 1	SCHOOL	92
S 10	SOCIAL SUPPORT: RECEIVED	26
S 11	SOCIAL SUPPORT: Provided	3
S 12	SPORTS	32
S 13	STIMULANTS	33
S 14	SUICIDE	4
S 15	SUMMED EFFECTS ON HAPPINESS	71
S 2	SELF-IMAGE	193
S 3	SEX-LIFE	54
S 4	SLEEP	10
S 5	SOCIAL MOBILITY	16
S 6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	50
S 7	SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS	111
S 8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	25
S 9	SOCIAL STATUS (Socio-Economic Status)	140
T 1	TIME	27
T 2	THERAPY	9
T 3	TOLERANCE	37
V 1	VALUE CAREER	8
V 2	VALUES: CURRENT PREFERENCES (own)	49
V 3	VALUES: CLIMATE (current values in environment)	4
V 4	VALUES: SIMILARITY (current fit with others)	5
V 5	VICTIM	11
W 1	WAR	5
W 2	WORK CAREER	1
W 3	WORK CONDITIONS	34
W 4	WORK-ATTITUDES	313

W 5	WORK-PERFORMANCE (current)	6
W 6	WORRIES	27
X	UNCLASSIFIED	22

Appendix 5 Related Topics

This Topic		Related Topics	
<i>Classification Page 1</i>		<i>In Subject List on Appendix 4</i>	
M 11	MILITARY LIFE	W 1	WAR
M 11.1	Military career	O 1.1	Occupational career
M 11.1.1	Earlier in armed force		
M 11.1.2	Change in military life	M 11.3.3	Perceived effects of change in militairy life
M 11.1.2.1	. recent entering armed force		
M 11.1.2.2	. recent leaving armed force	R 3	RETIREMENT
M 11.1.4	Later in armed force		
M 11.2	Current involvement in military life	O 1.2.2	Kind of occupation (profession)
M 11.3	Attitudes to military life	O 1.4	Attitudes to one's occupation
M 11.3.1	Concern about militairy life		
M 11.3.2	Satisfaction with militairy life		
M 11.3.3	Perceived effects of change in militairy life		

End of Report