

World Database of Happiness



Correlational Findings on Happiness and MOTIVATION
Subject Code: M14

© on data collection: [Ruut Veenhoven](#), [Erasmus University Rotterdam](#)

Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
M14	MOTIVATION	0
M14.1	Motivation career	0
M14.1.1	Earlier motivation	0
M14.1.2	Change in motivation	0
M14.1.3	Later motivation	1
M14.2	Current motivation	6
M14.3	Attitudes to ones motivation	0

Appendix 1	Happiness Items used
Appendix 2	Statistics used
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Appendix 4	Further Findings in the World Database of Happiness
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Cite as
 Veenhoven, R.: Findings on MOTIVATION
 World Database of Happiness, Correlational Findings
 Internet: worlddatabaseofhappiness.eur.nl
 Erasmus University Rotterdam, 2009, Netherlands

Study**WRIGH 1997**

Reported in: Wright, T. A.; Bonett, D.G.
The Role of Pleasantness and Activation-Based Well-Being in Performance Prediction.
Journal of Occupational Health Psychology, 1997, Vol. 2, 212 - 219. ISSN 1076 8998
Page in Report: 214

Population: Criminal justice staff personnel; USA; followed 2 years

Sample: Non-probability chunk sample

Non-Response: 18

N: 76

Measured Correlate

Class: Later motivation, Code M14.1.3

Measurement: Rating of performance over last 6 months by manager using the question: 'To what extent does this employee develop and maintain high performance goals?'
Answer rated on a 5 point scale ranging from never to always.

Measured Values: M= 3,5 SD = 0,7

Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.38</u> <u>p<.01</u>	T1 happiness by T3 work performance(2 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.37</u> <u>p<.01</u>	T2 happiness by T3 work performance(1 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.40</u> <u>p<.01</u>	T1+T2 happiness by T3 work performance

Study**BRUNS 1998/1**

Reported in: Brunstein, J.C.; Schultheiss, O.C.; Grassmann, R.
 Personal Goals and Emotional Well-Being: The Moderating Role of Motive Dispositions.
 Journal of Personality and Social Psychology, 1998, Vol. 75, 494 - 508. ISSN: 0022 3514
 Page in Report: 498

Population: University students, Erlangen, Germany, 199?

Sample: Non-probability sample (unspecified)

Non-Response:

N: 98

Measured Correlate

Class: Current motivation, Code M14.2

Measurement: TEST: Picture-story exercise: Ss were asked to write imaginative stories to each of six picture cues. In a relaxed atmosphere, they were allowed 5 min to write each story. The pictures depicted, in order administrated, a man sitting at an office desk, two female scientists working in a laboratory, a ship's captain talking with another man, two people sitting on a park bench, a man and a woman on a trapeze, and a man, a woman, an a guitar player in a nightclub.

CODING: Ss verbal protocols were content coded for 3 kinds of imagery in running text:

- power
- achievement
- affiliation-intimacy

Expressed in mentioning per 1000 words

DERIVED MOTIVATION SCORES

A need for agency = achievement + power

B need for communion = affiliation-intimacy

C predominant motive disposition = A - B, converted to

z-scores

Measured Values: M=0,00, SD= 1.57

Error Estimates: Protocols were scored by two independent coders. Category agreement was 94% for achievement, 92% for power, and 95% for affiliation-intimacy

Observed Relation with Happiness

Measured Happiness

Statistics

Elaboration/Remarks

A-AB/mp/mq/n/5/a

r=-.07 ns

Correlation with initial mood

A-AB/mp/mqr/n/5/a

r=-.05 ns

Correlation with 2 weeks average daily mood

A-AB/mp/mqr/n/5/a

B=

Correlation with CHANGE in mood: 2 weeks daily mood, controlling initial mood

- Positive among Ss reporting agentic goal progress B = +.31 (01)
- Negative among Ss reporting communal goal progress B = -.21 (01)

Difference in average daily mood between Ss high and low on progress in agentic goals (1 SD above or below mean, means expressed in z-scores)

- high-progress Ss high on agentic motivation feel better
- low-progress Ss high on agentic motivation feel worse
- little difference in mood among Ss low in agentic motivation, irrespective of progress in agentic goals

Unaffected by

- gender
- personality (extraversion, neuroticism)

Study**BRUNS 1998/1**

Reported in: Brunstein, J.C.; Schultheiss, O.C.; Grassmann, R.
 Personal Goals and Emotional Well-Being: The Moderating Role of Motive Dispositions.
 Journal of Personality and Social Psychology, 1998, Vol. 75, 494 - 508. ISSN: 0022 3514
 Page in Report: 498

Population: University students, Erlangen, Germany, 199?

Sample: Non-probability sample (unspecified)

Non-Response:

N: 98

Measured Correlate

Class: Current motivation, Code M14.2

Measurement: TEST:

Picture-story exercise: Ss were asked to write imaginative stories to each of six picture cues. In a relaxed atmosphere, they were allowed 5 min to write each story. The pictures depicted, in order administrated, a man sitting at an office desk, two female scientists working in a laboratory, a ship's captain talking with another man, two people sitting on a park bench, a man and a woman on a trapeze, and a man, a woman, an a guitar player in a nightclub.

CODING:

Ss verbal protocols were content coded for 3 kinds of motive imagery in running text:

- power
- achievement
- affiliation-intimacy

Expressed in mentioning per 1000 words

DERIVED SCORE:

need for agency = achievement + power

Measured Values: M= 12.12, SD=5.47

Error Estimates: Protocols were scored by two independent coders. Category agreement was 94% for achievement, 92% for power

Observed Relation with Happiness

*Measured
Happiness*

Statistics Elaboration/Remarks

A-AB/mp/mq/n/5/a

r=+.02 ns Correlation with initial mood

A-AB/mp/mqr/n/5/a

r=-.02 ns Correlation with 2 weeks average daily mood

A-AB/mp/mqr/n/5/a

B=

Correlation with CHANGE in mood: daily mood controlling initial mood

- positive among Ss reporting progress in agentic goals: B = +.18 (07)
- negative among Ss reporting progress in communal goals: B = -.10 (10)

A-AB/mp/mqr/n/5/a

DM=

Difference in average daily mood between Ss high and low on need for agency (1 SD above or below mean, means expressed in z-scores)

- high-need Ss who report high progress in agentic goals feel better
- high-need Ss who report low progress in agentic goals feel worse
- low-need Ss differ little in mood, irrespective of progress in agentic goals, yet their mood does vary with progress in communal goals

Difference in average daily mood between Ss high and low on progress in agentic goals (1 SD above or below mean, means expressed in z-scores)

- high-progress Ss high on agentic motivation feel better
- low-progress Ss high on agentic motivation feel worse
- little difference in mood among Ss low in agentic motivation, irrespective of progress in agentic goals

All results similar for males and females

Set Image size:

Study**BRUNS 1998/1**

Reported in: Brunstein, J.C.; Schultheiss, O.C.; Grassmann, R.
 Personal Goals and Emotional Well-Being: The Moderating Role of Motive Dispositions.
 Journal of Personality and Social Psychology, 1998, Vol. 75, 494 - 508. ISSN: 0022 3514
 Page in Report: 498

Population: University students, Erlangen, Germany, 199?

Sample: Non-probability sample (unspecified)

Non-Response:

N: 98

Measured Correlate

Class: Current motivation, Code M14.2

Measurement: TEST:

Picture-story exercise: Ss were asked to write imaginative stories to each of six picture cues. In a relaxed atmosphere, they were allowed 5 min to write each story. The pictures depicted, in order administrated, a man sitting at an office desk, two female scientists working in a laboratory, a ship's captain talking with another man, two people sitting on a park bench, a man and a woman on a trapeze, and a man, a woman, an a guitar player in a nightclub.

CODING:

Ss verbal protocols were content coded for 3 kinds of motive imagery in running text:

- power
- achievement
- affiliation-intimacy

Expressed in mentioning per 1000 words

DERIVED SCORE:

Communal need = affiliation-intimacy

Measured Values: M=11.80, SD=5.08

Error Estimates: Protocols were scored by two independent coders. Category agreement was 95% for affiliation-intimacy

Observed Relation with Happiness

Measured Happiness

Statistics Elaboration/Remarks

A-AB/mp/mq/n/5/a

r=+.15 ns Correlation with initial mood

A-AB/mp/mqr/n/5/a

r=+.07 ns Correlation with 2 weeks average daily mood

A-AB/mp/mqr/n/5/a

B=

Correlation with CHANGE in mood: 2 weeks average daily mood controlling initial mood

- negative among Ss reporting progress in agentic goals: $B = -.21 (05)$
- positive among Ss reporting progress in communal goals: $B = +.17 (05)$

A-AB/mp/mqr/n/5/a

DM=

Difference in average daily mood between Ss high and low on need for communion (1 SD above or below

mean, means expressed in z-scores)

- high-need Ss who report high progress in communal goals feel better
- high-need Ss who report low progress in communal goals feel worse
- low-need Ss differ little in mood, irrespective of progress in communal goals

Difference in average daily mood between Ss high and low on progress in agentic goals (1 SD above or below mean, means expressed in z-scores)

- high-progress Ss high on agentic motivation feel better
- low-progress Ss high on agentic motivation feel worse
- little difference in mood among Ss low in agentic motivation, irrespective of progress in agentic goals

All results similar for males and females

Set Image size:

Study**BRUNS 1998/2**

Reported in: Brunstein, J.C.; Schultheiss, O.C.; Grassmann, R.
 Personal Goals and Emotional Well-Being: The Moderating Role of Motive Dispositions.
 Journal of Personality and Social Psychology, 1998, Vol. 75, 494 - 508. ISSN: 0022 3514
 Page in Report: 502-503

Population: University students, Germany, 199?, followed 4 month

Sample: Non-probability accidental sample

Non-Response:

N: 127

Measured Correlate

Class: Current motivation, Code M14.2

Measurement: TEST: Picture-story exercise: Ss were asked to write imaginative stories to each of six picture cues. In a relaxed atmosphere, they were allowed 5 min to write each story. The pictures depicted, in order administrated, a man sitting at an office desk, two female scientists working in a laboratory, a ship's captain talking with another man, two people sitting on a park bench, a man and a woman on a trapeze, and a man, a woman, an a guitar player in a nightclub.

CODING: Ss verbal protocols were content coded for 3 kinds of imagery in running text:

- power
- achievement
- affiliation intimacy

Expressed in mentioning per 1000 words

DERIVED MOTIVATION SCORES

A need for agency = achievement + power

B need for communion = affiliation intimacy

C predominant motive disposition = A - B, converted to z-scores

Assessed at T1 and T2, scores were averaged

Measured Values: Predominant motive disposition: M(SD) = 0.00 (1.59), Power: M(SD) = 4.65 (2.41), Achievement = 1.94 (0.41), Affiliation intimacy = 5.43 (2.52) Need for agency: M(SD)= 6.58 (3.06), Need for communication= 5.43 (2.52)

Error Estimates: Protocols were scored by two independent coders. Category agreement was 90% for achievement, 94% for power, and 96% for affiliation-intimacy

Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>A-AB/cw/mq/n/5/b</u>	<u>r=-.05 ns</u>	T1+2 motivation by T1+2 happiness
<u>A-AB/cw/mq/n/5/b</u>	<u>r=-.02 ns</u>	T1+2 motivation by T3+4 happiness
<u>A-AB/cw/mq/n/5/b</u>	<u>B=+.01 ns</u>	Initial motivation by subsequent CHANGE in happiness: T1+2 motivation by T3+4 happiness, controlling T1+2 happiness

B also controled for:

- commitment to agentic goals
- commitment to communal goals
- perceived attainability of agentic goals
- perceived attainability of communal goals

Variables in the above elaboration: At T1+2 Ss had mentioned two agentic goals and two communal goals they planned to pursue in this semester and next rated their commitment to these goals and their attainability.

No gender difference in any finding

Study**BRUNS 1998/2**

Reported in: Brunstein, J.C.; Schultheiss, O.C.; Grassmann, R.
 Personal Goals and Emotional Well-Being: The Moderating Role of Motive Dispositions.
 Journal of Personality and Social Psychology, 1998, Vol. 75, 494 - 508. ISSN: 0022 3514
 Page in Report: 502-503

Population: University students, Germany, 199?, followed 4 month

Sample: Non-probability accidental sample

Non-Response:

N: 127

Measured Correlate

Class: Current motivation, Code M14.2

Measurement: TEST: Picture-story exercise: Ss were asked to write imaginative stories to each of six picture cues. In a relaxed atmosphere, they were allowed 5 min to write each story. The pictures depicted, in order administrated, a man sitting at an office desk, two female scientists working in a laboratory, a ship's captain talking with another man, two people sitting on a park bench, a man and a woman on a trapeze, and a man, a woman, an a guitar player in a nightclub.

CODING: Ss verbal protocols were content coded for 3 kinds of imagery in running text:

- power
- achievement
- affiliation intimacy

Expressed in mentioning per 1000 words

DERIVED MOTIVATION SCORES

need for agency = achievement + power

Measured Values: M= 12.51, SD=5.43

Error Estimates: Protocols were scored by two independent coders. Category agreement was 90% for achievement, 94% for power

Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AB/cw/mq/n/5/b</u>	<u>r=-.01 ns</u>	T1+2 need by T1+2 happiness
<u>A-AB/cw/mq/n/5/b</u>	<u>r=-.09</u>	T1+2 need by T3+4 happiness
		No gender diiference in any finding

Study**BRUNS 1998/2**

Reported in: Brunstein, J.C.; Schultheiss, O.C.; Grassmann, R.
 Personal Goals and Emotional Well-Being: The Moderating Role of Motive Dispositions.
 Journal of Personality and Social Psychology, 1998, Vol. 75, 494 - 508. ISSN: 0022 3514
 Page in Report: 502

Population: University students, Germany, 199?, followed 4 month

Sample: Non-probability accidental sample

Non-Response:

N: 127

Measured Correlate

Class: Current motivation, Code M14.2

Measurement: TEST: Picture-story exercise: Ss were asked to write imaginative stories to each of six picture cues. In a relaxed atmosphere, they were allowed 5 min to write each story. The pictures depicted, in order administrated, a man sitting at an office desk, two female scientists working in a laboratory, a ship's captain talking with another man, two people sitting on a park bench, a man and a woman on a trapeze, and a man, a woman, an a guitar player in a nightclub.

CODING: Ss verbal protocols were content coded for 3 kinds of imagery in running text:

- power
- achievement
- affiliation intimacy

Expressed in mentioning per 1000 words

DERIVED MOTIVATION SCORES

communal need = affiliation intimacy

Measured Values: M= 10.30, SD=4.39

Error Estimates: Protocols were scored by two independent coders. Category agreement was 96% for affiliation-intimacy

Observed Relation with Happiness

Measured Happiness

Statistics

Elaboration/Remarks

A-AB/cw/mq/n/5/b

r=+.07 ns

T1+2 need by T1+2 happiness

A-AB/cw/mq/n/5/b

r=-.04 ns

T1+2 need by T3+4 happiness

No gender difference in any finding

Appendix 1: Happiness Items used

<i>Happiness Item Code</i>	<i>Full Text</i>
A-AB/cw/mq/n/5/b	<p>Selfreport on 12 questions:</p> <p>..how frequent one experienced moods in the past week..</p> <p>A happy B joyful C contented D cheerful E pleasant F elated G frustrated H sad I depressed J dissatisfied K gloomy L dejected</p> <p>Rated 1: scarcely ... 5: very frequently</p> <p>Summation: (A+B+C+D+ E+ F) - (G+H+I+J+K+L)</p> <p>Name: adapted from UWIST mood adjective checklist (Mathews et. al. 1990)</p>
A-AB/mp/mq/n/5/a	<p>Selfreport on 8 questions:</p> <p>..how frequent one experienced in the past half day..</p> <p>A happy B joyful C contented D cheerful E frustrated F sad G depressed H dissatisfied</p> <p>Rated 1: scarcely ... 5: very frequently</p> <p>Summation: (A+B+C+D) - (E+F+G+H)</p> <p>Name: adapted from UWIST mood adjective checklist (Mathews et. al. 1990)</p>
A-AB/mp/mqr/n/5/a	<p>Selfreport on 8 questions repeated every second day during 2 weeks:</p> <p>..how frequent one experienced in the past half day..</p> <p>A happy B joyful C contented D cheerful E frustrated F sad G depressed H dissatisfied</p> <p>Rated 1: scarcely ... 5: very frequently</p> <p>Summation: (A+B+C+D) - (E+F+G+H)</p>

Name: adapted from UWIST mood adjective checklist (Mathews et. al. 1990)

A-BB/u/mq/v/3/e

Selfreport on 8 questions:

Here is a list that describes some of the ways people feel at different times. How often do you feel each of these ways?

A On top of the world

B Very lonely or remote from other people

C Particularly excited or interested in something

D Pleased about having accomplished something

E Bored

F Depressed or very unhappy

G So restless that you could not sit long in a chair

H Vaguely uneasy about something without knowing why

Reponse options:

0 never

1 sometimes

3 often

Scoring:

PA = A+C+D (range 0-9)

NA = B+E+F+G+H (range 0-15)

ABS = PA-NA (range 1-7)

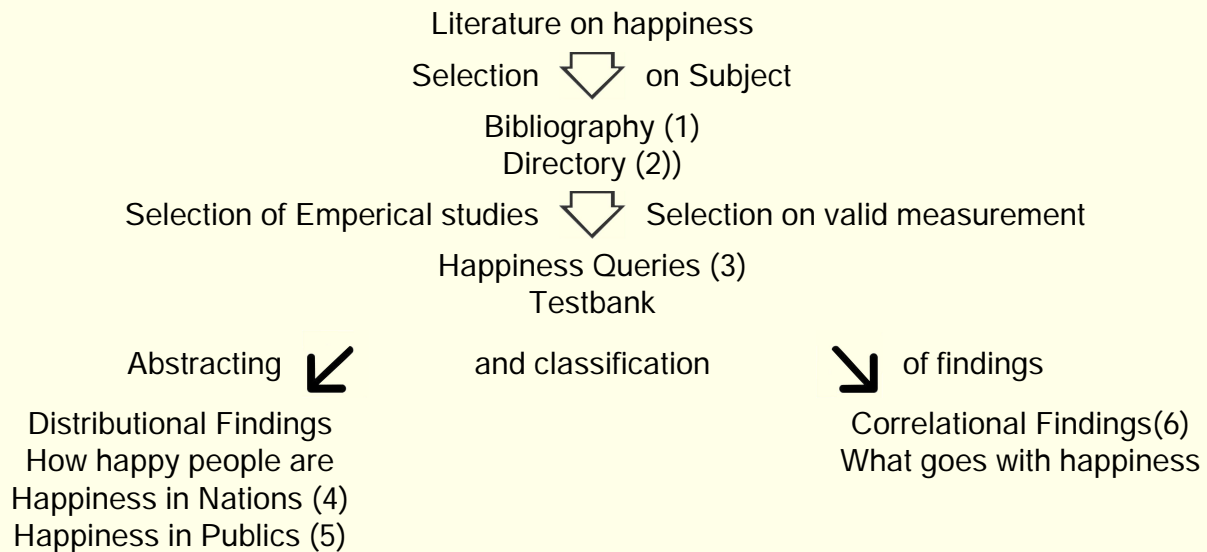
Name: Index of Psychological Wellbeing

Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
B	<p>REGRESSION COEFFICIENT (non-standardized)</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Theoretical range: unlimited</p> <p>Meaning:</p> <p>$B > 0$ A higher correlate level corresponds with, on an average, higher happiness rating.</p> <p>$B < 0$ A higher correlate level corresponds with, on an average, lower happiness rating.</p> <p>$B = 0$ Not any correlation with the relevant correlate.</p>
DM	<p>DIFFERENCE of MEANS</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: dichotomous, Happiness: metric</p> <p>Range: depending on the happiness rating scale of the author; range symmetric about zero.</p> <p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.</p>
r	<p>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')</p> <p>Type: test statistic.</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>$r = 0$ « no correlation ,</p> <p>$r = 1$ « perfect correlation, where high correlate values correspond with high happiness values, and</p> <p>$r = -1$ « perfect correlation, where high correlate values correspond with low happiness values.</p>

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: 4270 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 ITEMS (testbank)**. Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Items 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: 2605 surveys in 112 nations, 1946-2004.
- 5 **CATALOG OF HAPPINESS IN PUBLICS** Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 837 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: 9098 findings from 837 studies in 140 nations, 1911-2004.

Appendix 4 Further Findings in the World Database of Happiness

<i>Main Subjects</i>	<i>Subject Description</i>	<i>Number of Studies</i>
A1	ACTIVITY LEVEL (how much one does)	58
A2	ACTIVITY PATTERN (what one does)	32
A3	AFFECTIVE LIFE	47
A4	AGE	398
A5	AGGRESSION	12
A6	ANOMY	26
A7	APPEARANCE (good looks)	15
A8	ATTITUDES	6
A9	AUTHORITARIANISM	4
B1	BIRTH CONTROL	1
B2	BIRTH HISTORY (own birth)	201
B3	BODY	77
COMMUNITY	New Top Subject	0
C1	CHILDREN a	1
C2	CHILDREN b: WANT FOR (Parental aspirations)	6
C3	CHILDREN c: HAVING (parental status)	194
C4	CHILDREN d: CHARACTERISTICS	25
C5	CHILDREN e: RELATION WITH	8
C6	CHILDREN f: REARING (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNS	18
C9	COPING	43
C10	CREATIVENESS	5
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5
E1	EDUCATION	299
E2	EMPLOYMENT	364
E3	ETHNICITY	95
E4	EXPRESSIVE BEHAVIOR	12
F1	FAMILY OF ORIGIN (earlier family for adults, current for young)	236
F2	FAMILY OF PROCREATION	58
F3	FAMILY OF RELATIVES	157
F4	FARMING	25
F5	FREEDOM	32
F6	FRIENDSHIP	151
G1	GENDER	367
G2	GRIEF	1
HEALTH	New Top Subject	0
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS b: ATTITUDES TO	49
H4	HAPPINESS c: DISPERSION OF	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS e: CURRENT LEVEL	310
H7	HAPPINESS f: OF OTHERS	0
H8	HAPPINESS g: REPUTATION OF	19

H9	HEALTH-BEHAVIOR	23
H10	HELPING	5
H11	HOPE	7
H12	HOUSEHOLD: COMPOSITION	136
H13	HOUSEHOLD: WORK	32
H14	HOUSING	104
I1	INCOME	551
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	69
I4	INTERESTS	8
I5	INTERVIEW	72
I6	INTIMACY	102
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	205
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	85
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	20
L10	LOCAL ENVIRONMENT	372
L11	LOTTERY	8
L12	LOVE-LIFE	31
M1	MARRIAGE b: MARITAL STATUS CAREER	65
M2	MARRIAGE c: Current Marital Status	541
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE e: PARTNER	46
M5	MEANING	22
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	198
M8	MIGRATION b: OTHER COUNTRY	24
M9	MIGRATION c: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION d: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
NATURE	New Top Subject	0
N1	NATION: NATIONALITY	27
N2	NATION: ERA (temporal period)	41
N3	NATION d: NATIONAL CHARACTER (modal personality)	28
N4	NATION e: CONDITION OF	406
N5	NATION f: POSITION OF	1
N6	NATION g: ATTITUDES TO	150
N7	NATION h: LIVABILITY OF	17
N8	NATION i: ATTITUDES IN	1
N9	REGION IN NATION	56

N10	NUTRITION	21
N21	ERA	0
O1	OCCUPATION	177
O2	ORGAN TRANSPLANTATION	17
P1	PERSONALITY b: HISTORY	48
P2	PERSONALITY c: CHANGE	10
P3	PERSONALITY d: CURRENT ORGANIZATION	7
P4	PERSONALITY e: CURRENT TRAITS	459
P5	PERSONALITY f: LATER	23
P6	PHYSICAL HEALTH	427
P7	PLANNING	10
P8	POLITICAL BEHAVIOUR	231
P9	POPULARITY	24
P10	POSSESSIONS	59
P11	PRISON	1
P12	PROBLEMS	25
P13	PSYCHO-SOMATIC COMPLAINTS	62
P14	PETS	3
RECREATION	New Top Subject	0
R1	RELIGION	251
R2	RESOURCES	7
R3	RETIREMENT	89
R4	ROLES	23
S1	SCHOOL	128
S2	SELF-IMAGE	236
S3	SEX-LIFE	60
S4	SLEEP	16
S5	SOCIAL MOBILITY	17
S6	SOCIAL PARTICIPATION a: PERSONAL CONTACTS	68
S7	SOCIAL PARTICIPATION b: VOLUNTARY ASSOCIATIONS	129
S8	SOCIAL PARTICIPATION c: TOTAL (personal + associations)	33
S9	SOCIAL STATUS (Socio-Economic Status)	154
S10	SOCIAL SUPPORT a: RECEIVED	60
S11	SOCIAL SUPPORT b: PROVIDED	6
S12	SPORTS	38
S13	STIMULANTS	49
S14	SUICIDE	8
S15	SUMMED EFFECTS ON HAPPINESS	92
T1	TIME	51
T2	THERAPY	21
T3	TOLERANCE	37
V1	VALUES b: CAREER	8
V2	VALUES c: CURRENT PREFERENCES (own)	73
V3	VALUES d: CLIMATE (current values in environment)	7
V4	VALUES e: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5
W2	WISDOM	2

W3	WORK b: CAREER	2
W4	WORK c: CONDITIONS	68
W5	WORK d: ATTITUDES	347
W6	WORK e: PERFORMANCE (current)	28
W7	WORRIES	31
XX	UNCLASSIFIED	25

Appendix 5: Related Subjects

<i>Subject</i>		<i>Related Subject(s)</i>	
M14	MOTIVATION	L7	LIFE GOALS
M14.1.1	Earlier motivation	L7.1.1	Earlier life-goals
M14.1.1	Earlier motivation	P1	PERSONALITY b: HISTORY
M14.1.2	Change in motivation	L7.1.2	Change in life-goals
M14.1.2	Change in motivation	P2	PERSONALITY c: CHANGE
M14.1.3	Later motivation	L7.1.4	Later life-goals
M14.1.3	Later motivation	P5	PERSONALITY f: LATER
M14.2	Current motivation	L7.2	Current life-goals
M14.2	Current motivation	P4	PERSONALITY e: CURRENT TRAITS
M14.3	Attitudes to ones motivation	S2.4.3	Evaluation of aspects of self

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