

# World Database of Happiness



## Correlational Findings on Happiness and AGGRESSION Subject Code: A5

© 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>
A5	AGGRESSION	0
A5.1	Aggression career	0
A5.1.1	Earlier aggression	3
A5.1.2	Change in aggression	0
A5.1.4	Later aggression	3
A5.2	Current aggression	0
A5.2.2	Aggressive behavior	6
A5.3	Attitudes to aggression	0
A5.3.1	Attitudes to own aggressive behavior	0
A5.3.2	Attitude to aggression in general	0
Appendix 1	Happiness Items 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 Subjects	

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 World Database of Happiness, Correlational Findings  
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 Erasmus University Rotterdam, 2009, Netherlands

## Correlational finding on Happiness and Earlier aggression

Subject code: A5.1.1

Study **BACHM 1978/2**

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
 Youth in Transition, Vol. VI: Adolescence to Adulthood, Change and Stability in the Lives of Young Men.  
 Institute for Social Research, 1970, University of Michigan, Ann Arbor, USA  
 Page in Report:

*Population:* Public highschool boys followed 8 years from grade 10, USA, 1966-74

*Sample:*

*Non-Response:* 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* 2213

## Correlate

*Authors label:* Delinquent behavior in school (2)

*Our classification:* Earlier aggression, code A5.1.1

*Measurement:* At T1, T2 and T3: a mean of seven items measuring the amount of school-oriented delinquent behavior. Included are questions on how often respondent has been suspended, damaged school property, and gotten into a serious fight at school. Scale: 0.00 = never to 4.00 = five or more times

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

		Delinquent behavior at school		
Happiness		T1	T2	T3
T1	tau = -.19 (001)	-.14 (001)	-.12 (001)	
T2	tau = -.10 (01)	-.15 (001)	-.11 (01)	
T3	tau = -.07 (ns)	-.10 (01)	-.08 (05)	
T4	tau = -.06 (ns)	-.04 (ns)	-.04 (ns)	
T1:1966, T2:1968, T3:1969, T4:1970				

## Correlational finding on Happiness and Earlier aggression

Subject code: A5.1.1

### Study **BACHM 1978/2**

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
Youth in Transition, Vol. VI: Adolescence to Adulthood, Change and Stability in the Lives of Young Men.  
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*Sample:*

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### Correlate

*Authors label:* Serious delinquent behaviors (2)

*Our classification:* Earlier aggression, code A5.1.1

*Measurement:* A mean of 10 items asking the respondent how often he had done such things as 'set fire to someone else's property on purpose', 'hurt someone badly enough to need bandages or a doctor', 'taken something not belonging to you worth over \$50' etc. Scale: 1.00  
= never to 5.00 = five or more times.  
Assessed at T1, T2, T3, T4 and T5

### Observed Relation with Happiness

*Happiness  
Measure*

*Statistics    Elaboration/Remarks*

O-HP/g/mq/v/5/atau=-

	Serious delinquent behavior				
	T1	T2	T3	T4	T5
happiness					
T1	-.18	-.14	-.12	-.04 ns	-.10
T2	-.09	-.11	-.09	-.03 ns	-.07 ns
T3	-.04 ns	-.07 ns	-.11	-.05 ns	-.04 ns
T4	-.03 ns	-.02 ns	-.05 ns	-.04 ns	-.03 ns

All tau's significant, unless otherwise indicated  
T1:1966, T2:1968, T3:1969, T4:1970, T5:1974

## Correlational finding on Happiness and Earlier aggression

Subject code: A5.1.1

### Study

**BACHM 1978/2**

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
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*Sample:*

*Non-Response:* 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* 2213

### Correlate

*Authors label:* Theft and vandalism (3)

*Our classification:* Earlier aggression, code A5.1.1

*Measurement:* A mean of nine items which measure the number of times respondent has committed acts of theft or vandalism. Scale: 0.00 = never to 4.00 = five or more times.  
Assessed at T1, T2, T3, T4 and T5

### Observed Relation with Happiness

*Happiness Measure**Statistics Elaboration/Remarks*O-HP/g/mq/v/5/atau=-

Theft and vandalism

Happiness T1 T2 T3 T4 T5

T1 -.19 -.14 -.13 -.03 -.11

T2 -.10 -.13 -.10 -.03 ns -.07 ns

T3 -.06 ns -.09 -.11 -.04 ns -.04 ns

T4 -.04 ns -.04 ns -.06 ns -.04 ns -.03 ns

All tau's significant, unless otherwise indicated

T1:1966, T2:1968, T3:1969, T4:1970, T5:1974

**Correlational finding on Happiness and Later aggression**

Subject code: A5.1.4

**Study****BACHM 1978/2**

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
 Youth in Transition, Vol. VI: Adolescence to Adulthood, Change and Stability in the Lives of Young Men.  
 Institute for Social Research, 1970, University of Michigan, Ann Arbor, USA  
 Page in Report:

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*Sample:*

*Non-Response:* 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* 2213

**Correlate**

*Authors label:* Delinquent behavior in school (3)

*Our classification:* Later aggression, code A5.1.4

*Measurement:* At T1, T2 and T3: a mean of seven items measuring the amount of school-oriented delinquent behavior. Included are questions on how often respondent has been suspended, damaged school property, and gotten into a serious fight at school. Scale: 0.00 = never to 4.00 = five or more times

## Observed Relation with Happiness

Happiness  
Measure

Statistics Elaboration/Remarks

O-HP/g/mq/v/5/a

tau=-

Happiness	Delinquent behavior at school		
	T1	T2	T3
T1	tau = -.19 (001)	-.14 (001)	-.12 (001)
T2	tau = -.10 (01)	-.15 (001)	-.11 (01)
T3	tau = -.07 (ns)	-.10 (01)	-.08 (05)
T4	tau = -.06 (ns)	-.04 (ns)	-.04 (ns)

T1:1966, T2:1968, T3:1969, T4:1970

## Correlational finding on Happiness and Later aggression

Subject code: A5.1.4

### Study BACHM 1978/2

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
Youth in Transition, Vol. VI: Adolescence to Adulthood, Change and Stability in the Lives of Young Men.  
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*Sample:*

*Non-Response:* 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* 2213

## Correlate

*Authors label:* Serious delinquent behaviors (3)

*Our classification:* Later aggression, code A5.1.4

**Measurement:** A mean of 10 items asking the respondent how often he had done such things as 'set fire to someone else's property on purpose', 'hurt someone badly enough to need bandages or a doctor', 'taken something not belonging to you worth over \$50' etc. Scale: 1.00  
= never to 5.00 = five or more times.  
Assessed at T1, T2, T3, T4 and T5

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

Serious delinquent behavior

Happiness T1 T2 T3 T4 T5

T1 -.18 -.14 -.12 -.04 ns -.10

T2 -.09 -.11 -.09 -.03 ns -.07 ns

T3 -.04 ns -.07 ns -.11 -.05 ns -.04 ns

T4 -.03 ns -.02 ns -.05 ns -.04 ns -.03 ns

All tau's significant, unless otherwise indicated

T1:1966, T2:1968, T3:1969, T4:1970, T5:1974

## Correlational finding on Happiness and Later aggression

Subject code: A5.1.4

**Study**

**BACHM 1978/2**

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
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*Sample:*

*Non-Response:* 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* 2213

**Correlate**

*Authors label:* Theft and vandalism (1)

*Our classification:* Later aggression, code A5.1.4

*Measurement:* A mean of nine items which measure the number of times respondent has committed acts of theft or vandalism. Scale: 0.00 = never to 4.00 = five or more times. Assessed at T1, T2, T3, T4 and T5

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

Theft and vandalism

Happiness	T1	T2	T3	T4	T5
-----------	----	----	----	----	----

T1	-.19	-.14	-.13	-.03	-.11
----	------	------	------	------	------

T2	-.10	-.13	-.10	-.03 ns	-.07 ns
----	------	------	------	---------	---------

T3	-.06 ns	-.09	-.11	-.04 ns	-.04 ns
----	---------	------	------	---------	---------

T4	-.04 ns	-.04 ns	-.06 ns	-.04 ns	-.03 ns
----	---------	---------	---------	---------	---------

All tau's significant, unless otherwise indicated

T1:1966, T2:1968, T3:1969, T4:1970, T5:1974

## Correlational finding on Happiness and Aggressive behavior

Subject code: A5.2.2

**Study**

**BACHM 1977**

*Reported in:* Bachman, J. G.; O'Malley, P. M.; Johnston, J. Youth in Transition, Vol. VI: Adolescence to Adulthood, Change and Stability in the Lives of Young Men. Institute for Social Research, 1970, University of Michigan, Ann Arbor, USA  
Page in Report:

*Population:* Public highschool boys followed 8 years from grade 10, USA, 1966-74

*Sample:*

*Non-Response:* 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* 1628

**Correlate**



*Authors label:* Interpersonal aggression (1)

*Our classification:* Aggressive behavior, code A5.2.2

*Measurement:* A mean of six (at T1, T2, T3 and T4) or eight (at T5) items which ascertains how often respondent hit, fought, or hurt other people, including relatives, teachers, and students. Scale: 0.00 = never to 4.00 = five or more times

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

Interpersonal aggression

	T1	T2	T3	T4	T5
Happiness					
T2	-.18	-.09	-.09	-.06 ns	-.05 ns
T2	-.10	-.10	-.08	-.02 ns	-.01 ns
T3	-.07 ns	-.08	-.08	-.04 ns	-.04 ns
T4	-.08 ns	-.02 ns	-.06 ns	-.03 ns	-.05 ns

All tau's significant, unless indicated otherwise

T1:1966, T2:1968, T3:1969, T4:1970, T5:1974

## Correlational finding on Happiness and Aggressive behavior Subject code: A5.2.2

**Study** BACHM 1978/2

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
Youth in Transition, Vol. VI: Adolescence to Adulthood, Change and Stability in the Lives of Young Men.  
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*Measurement:* A mean of six (at T1, T2, T3 and T4) or eight (at T5) items which ascertains how often respondent hit, fought, or hurt other people, including relatives, teachers, and students. Scale: 0.00 = never to 4.00 = five or more times.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

Interpersonal aggression

	T1	T2	T3	T4	T5
Happiness					
T1	-.18	-.09	-.09	-.06 ns	-.05 ns
T2	-.10	-.10	-.08	-.02 ns	-.01 ns
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*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

		Delinquent behavior at school		
		T1	T2	T3
Happiness				
T1	tau = -.19 (001)	-.14 (001)	-.12 (001)	
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T3	tau = -.07 (ns)	-.10 (01)	-.08 (05)	
T4	tau = -.06 (ns)	-.04 (ns)	-.04 (ns)	
		T1:1966, T2:1968, T3:1969, T4:1970		

## Correlational finding on Happiness and Aggressive behavior Subject code: A5.2.2

**Study**                      **BACHM 1978/2**

*Reported in:* Bachman, J.G.; O'Malley, P.M.; Johnston, J.  
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*N:* 2213

## Correlate

*Authors label:* Serious delinquent behaviors (1)

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= never to 5.00 = five or more times.  
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*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

Serious delinquent behavior

Happiness T1 T2 T3 T4 T5

T1 -.18 -.14 -.12 -.04 ns -.10

T2 -.09 -.11 -.09 -.03 ns -.07 ns

T3 -.04 ns -.07 ns -.11 -.05 ns -.04 ns

T4 -.03 ns -.02 ns -.05 ns -.04 ns -.03 ns

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T1:1966, T2:1968, T3:1969, T4:1970, T5:1974

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*N:* 2213

## Correlate

*Authors label:* Theft and vandalism (2)

*Our classification:* Aggressive behavior, code A5.2.2

*Measurement:* A mean of nine items which measure the number of times respondent has committed acts of theft or vandalism. Scale: 0.00 = never to 4.00 = five or more times. Assessed at T1, T2, T3, T4 and T5

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=-

Theft and vandalism

Happiness	T1	T2	T3	T4	T5
-----------	----	----	----	----	----

T1	-.19	-.14	-.13	-.03	-.11
----	------	------	------	------	------

T2	-.10	-.13	-.10	-.03 ns	-.07 ns
----	------	------	------	---------	---------

T3	-.06 ns	-.09	-.11	-.04 ns	-.04 ns
----	---------	------	------	---------	---------

T4	-.04 ns	-.04 ns	-.06 ns	-.04 ns	-.03 ns
----	---------	---------	---------	---------	---------

All tau's significant, unless otherwise indicated

T1:1966, T2:1968, T3:1969, T4:1970, T5:1974

## Correlational finding on Happiness and Aggressive behavior

Subject code: A5.2.2

**Study**

**CURRI 2004**

*Reported in:* Currie, C.; Roberts, Ch.; Morgan, A.; Smith, R.; Settertobulte, W.: et al; Eds. Young People's Health in Context. World Health Organization Europe, 2004, Copenhagen, Denmark. ISBN 92 890 1372 9  
Page in Report: 192

*Population:* 11-15 aged, school children, 33 countries and regions, 2001

*Sample:* Probability cluster sample

*Non-Response:*

N: 162306

## Correlate

*Authors label:* Bullying*Our classification:* Aggressive behavior, code A5.2.2*Measurement:* Self report of Bullying others more than twice a month*Measured Values:* not reported*Remarks:* 15 year olds only (N =50816)

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">C-BW/c/sq/l/11/a</a>	<u>rs=-</u>	Girls: rs = -.08 Boys : rs = -.07

## Appendix 1: Happiness Items used

<i>Happiness Item Code</i>	<i>Full Text</i>
----------------------------	------------------

C-BW/c/sq/l/11/a

Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of the ladder represents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?"

[ 10 ] best possible life

[ 9 ]

[ 8 ]

[ 7 ]

[ 6 ]

[ 5 ]

[ 4 ]

[ 3 ]

[ 2 ]

[ 1 ]

[ 0 ] worst possible life

Preceded by 1) open questions about what the respondent imagines as the best possible life and the worst possible life. 2) ratings on the ladder of one's life five years ago and where on the ladder one expects to stand five years from now.

Name: Cantril's self anchoring ladder rating of life (original)

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

## Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
rs	<p>SPEARMAN'S RANK CORRELATION COEFFICIENT</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: ordinal, Happiness: ordinal.</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>rs = 0 « no rank correlation</p> <p>rs = 1 « perfect rank correlation, where high correlate values are associated with high happiness ratings</p> <p>rs = -1 « perfect rank correlation, where high correlate values are associated with low happiness ratings</p>
tau	<p>GOODMAN &amp; 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>

## Appendix 3: About the World Database of Happiness

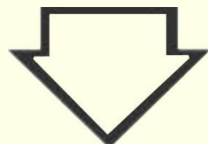
### Structure of the collections

The World Database of Happiness is an ongoing register of scientific research on the subjective enjoyment of life.

It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.

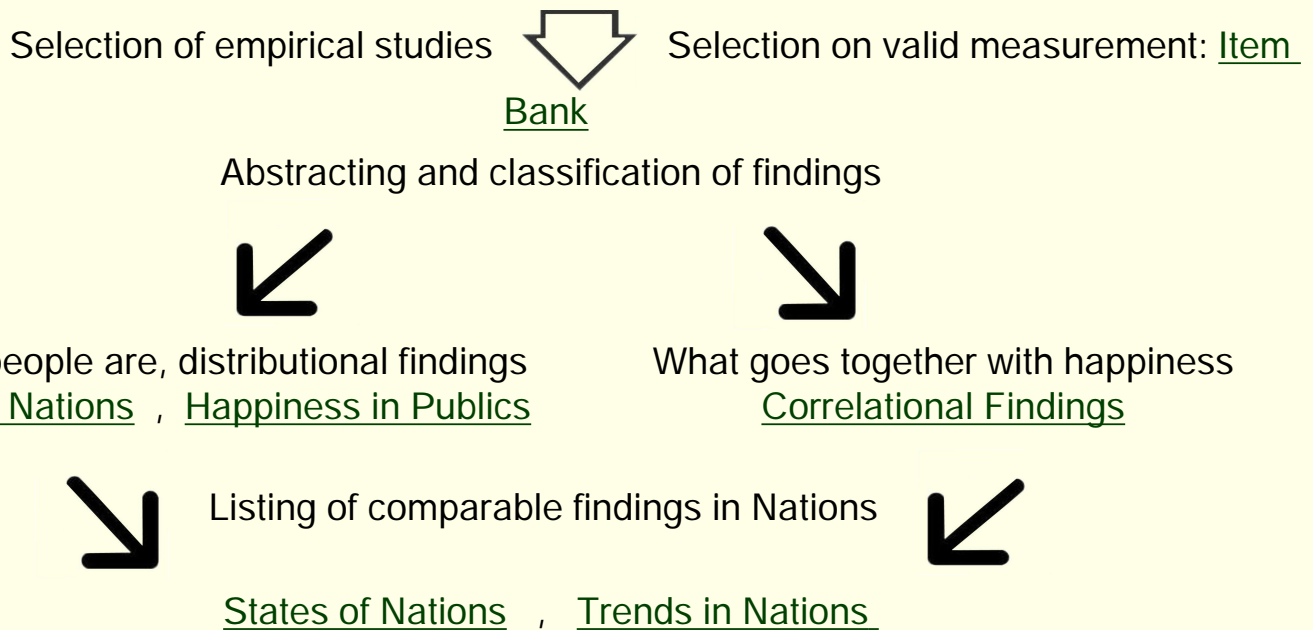
World literature on Happiness

Selection on subject



[Bibliography](#) and [Directory](#)





## Size of the collections

1226 Happiness measures (Item Bank)

4258 Nations surveys in 206 Nations

149 Distinguished publics in 1199 studies

12032 Correlational findings in 1196 studies

## 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	48
A4	AGE	400
A5	AGGRESSION	12
A6	ANOMY	32
A7	APPEARANCE (good looks)	15
A8	ATTITUDES	6
A9	AUTHORITARIANISM	4
B1	BIRTH CONTROL	1
B2	BIRTH HISTORY (own birth)	201
B3	BODY	77
C1	CHILDREN	1
C2	CHILDREN: WANT FOR (Parental aspirations)	6
C3	CHILDREN: HAVING (parental status)	195
C4	CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN	25

C5	CHILDREN: RELATION WITH ONE'S CHILDREN	8
C6	CHILDREN: REARING OF ONE'S CHILDREN (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNS	18
C9	COPING	43
C10	CREATIVENESS	6
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5
E1	EDUCATION	302
E2	EMPLOYMENT	363
E3	ETHNICITY	98
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	152
G1	GENDER	370
G2	GRIEF	1
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS: VIEWS ON HAPPINESS	49
H4	HAPPINESS: DISPERSION OF HAPPINESS	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES	310
H7	HAPPINESS OF OTHERS	0
H8	HAPPINESS: REPUTATION OF HAPPINESS	19
H9	HEALTH-BEHAVIOR	25
H10	HELPING	5
H11	HOPE	8
H12	HOUSEHOLD: COMPOSITION	137
H13	HOUSEHOLD: WORK	32
H14	HOUSING	106
I1	INCOME	552
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	71
I4	INTERESTS	8
I5	INTERVIEW	73

I6	INTIMACY	103
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	206
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	86
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	22
L10	LOCAL ENVIRONMENT	374
L11	LOTTERY	8
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M2	MARRIAGE: CURRENT MARITAL STATUS	543
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE: PARTNER	46
M5	MEANING	23
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	218
M8	MIGRATION: TO OTHER COUNTRY	29
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
N1	NATION: NATIONALITY	29
N2	NATION: ERA (temporal period)	41
N3	NATION: NATIONAL CHARACTER (modal personality)	29
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N5	NATION: POSITION OF ONE'S NATION	1
N6	NATION: ATTITUDES TO ONES NATION	152
N7	NATION: LIVABILITY OF ONE'S NATION	17
N8	NATION i: ATTITUDES IN	1
N9	REGION IN NATION	59
N10	NUTRITION	23
N21	ERA	0
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P2	PERSONALITY: CHANGE	10
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P4	PERSONALITY: CURRENT TRAITS	462
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P7	PLANNING	11
P8	POLITICAL BEHAVIOUR	231
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P10	POSSESSIONS	60
P11	PRISON	1
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S5	SOCIAL MOBILITY	17
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S7	SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS	131
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	34
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S10	SOCIAL SUPPORT: RECEIVED	62
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S13	STIMULANTS	49
S14	SUICIDE	8
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W6	WORK: PERFORMANCE (current)	29
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## Appendix 5: Related Subjects

<i>Subject</i>	<i>Related Subject(s)</i>
A5.3.1 Attitudes to own aggressive behavior	S2 SELF-IMAGE
A5.3.2 Attitude to aggression in general	V2.2.1.3 . (post)-materialism

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