

World Database of Happiness



Correlational Findings on Happiness and HEALTH-BEHAVIOR

Subject Code: H9

© on data collection: [Ruut Veenhoven](#),
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Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
H9	HEALTH-BEHAVIOR	1
H9.1	Health-behavior career	0
H9.1.1	Earlier health-behavior	1
H9.1.2	Change in health-behavior	2
H9.1.4	Later health-behavior	0
H9.2	Current healthy life-style	6
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Cite as Veenhoven, R.: Findings on HEALTH-BEHAVIOR
World Database of Happiness, Correlational Findings
Internet: worlddatabaseofhappiness.eur.nl
Erasmus University Rotterdam, 2009, Netherlands

Correlational finding on Happiness and HEALTH-BEHAVIOR

Subject code: H9

Study **BRINK 1997/2**

Reported in: Brinkerhoff, M.B.; Fredell, K.; Frideres, J.
Basic Minimum Needs, Quality of Life and Selected Correlates: Explorations in Villages in Northern India.
Social Indicators Research, 1997, Vol. 42, 245 - 281 ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1023/A:1006834830518
Page in Report: 263

Population: Adult, general public, poor rural village, Bhopalpani, India 1991

Sample: Non-probability purposive-quota sample

Non-Response: 108

N: 0

Correlate

Authors label: Hospital (1)

Our classification: HEALTH-BEHAVIOR, code H9

Measurement: Family needs prioritized by Paired Comparisons. Out of four basic needs
ss were asked to compare two at a time and to select, which they sought 'their family needs most'

Items were:

- food
- health
- employment
- leisure

This leads to six pairs of comparisons.

Score pro need can be:

- 0. not mentioned
- 1. once
- 2. twice
- 3. three times

Needs index is the mean number of times an item is chosen.

Measured Values: 0: 0,80; 1: 42,2; 2: 39,4; 3: 14,7; M: 3,7

Remarks: Items for pairwise comparison were selected by participant observation and open interviews

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-H?/?/sq/f/7/a	r=-.07 ns	
O-SLu/?/sq/l/5/a	r=-.0 ns	

Correlational finding on Happiness and Earlier health-behavior

Subject code: H9.1.1

Study

VENTE 1997

Reported in: Ventegodt, S.
 Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
 Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark,
 ISBN 8790190130 <http://www.livskvalitet.org/t3/index.asp>
 Page in Report: 122

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: How clothes are washed at age 1

Our classification: Earlier health-behavior, code H9.1.1

Measurement: How clothes are washed at age 1 as reported in medical file
 a: in machine
 b: soap
 c: detergent

Measured Values: N: 221, a:5%, b:16%, c:78%

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>A-AOL/m/sq/v/5/a</u>	<u>DMt=±</u>	a: Mt=8.54 b: Mt=7.64 c: Mt=7.81
<u>O-SLu/c/sq/v/5/e</u>	<u>DMt=±</u>	a: Mt=8.54 b: Mt=7.23 c: Mt=7.73
<u>O-HL/c/sq/v/5/h</u>	<u>DMt=±</u>	a: Mt=8.34 b: Mt=7.15 c: Mt=7.16

Correlational finding on Happiness and Change in health-behavior Subject code: H9.1.2

Study EVANS 2005

Reported in: Evans, S.;Huxley, P.
Adaptation, Response-shift and Quality of Life Ratings in Mentally Well and Unwell Groups.
Quality of Life Research, 2005, Vol. 14, 1719 - 1732. ISSN 0096 2934 DOI:
DOI:10.1007/s 1136-005-1742-1
Page in Report: 1729

Population: 18-65 aged in good, moderate and poor mental health, followed 2 years, UK, 1999-2001

Sample: Mixed samples

Non-Response: Non-response at T1: 83% Drop-out at T2: 50%)

N: 1912

Correlate

Authors label: Change in health consultations

Our classification: Change in health-behavior, code H9.1.2

Measurement: T1-T2 change in response to question: Seen a doctor for physical illness in the last year?

0 no

1 yas

Measured Values: 0; 37,4% 1: 62,6%

Remarks: Assessed at T1 and T2 (2 years interval)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqt/v/7/a</u>	<u>B=-.10</u>	T1-T2 INCREASE in health consultations by T2 happiness
<u>O-DT/u/sqt/v/7/a</u>	<u>B=+.17</u> <u>p<.10</u>	T1-T2 DECREASE in health consultations by T2 happiness B's controled for: - T1 happiness - T1 mental health status (good, moderate, poor) - T1 objective conditions
<u>O-DT/u/sqt/v/7/a</u>	<u>B=-.72</u> <u>p<.0001</u>	Changes in mental health T1-T2 INCREASE inmental health by T2 happiness
<u>O-DT/u/sqt/v/7/a</u>	<u>B=-.32</u> <u>p<.05</u>	Changes in mental health T1-T2 DECREASE in income by T2 happiness B's controled for: - T1 happiness - T1 mental health status (good, moderate, poor) - T1 objective conditions

Correlational finding on Happiness and Change in health-behavior

Subject code: H9.1.2

Study EVANS 2005

Reported in: Evans, S.;Huxley, P.
Adaptation, Response-shift and Quality of Life Ratings in Mentally Well and Unwell Groups.
Quality of Life Research, 2005, Vol. 14, 1719 - 1732. ISSN 0096 2934 DOI:
DOI:10.1007/s 1136-005-1742-1
Page in Report: 1730

Population: 18-65 aged in good, moderate and poor mental health, followed 2 years, UK, 1999-2001

Sample: Mixed samples

Non-Response: Non-response at T1: 83% Drop-out at T2: 50%)

N: 1912

Correlate

Authors label: Change in mental health consultations

Our classification: Change in health-behavior, code H9.1.2

Measurement: T1-T2 change in reponse to question: Seen a doctor for your nerves in the last year?
0 no
1 yes

Measured Values: 0: 89,1%, 1: 10,9%

Remarks: T1-T2 2 years

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

[O-DT/u/sqt/v/7/a](#)

B=-.72
p<.001

T1-T2 INCREASE in mental health consultations ny
T2 happiness

O-DT/u/sqt/v/7/a

B=+.32
p<.05

T1-T2 DECREASE in mental health consultations by
T2 happiness

B's controled for:

- T1 happiness
- T1 mental health status (good, moderate, poor)
- T1 objective conditions

Correlational finding on Happiness and Current healthy life-style

Subject code: H9.2

Study **HEADE 1993**

Reported in: Headey, B.; Kelley, J.; Wearing, A..
Dimensions of Mental Health: Life Satisfaction, Positive Affect, Anxiety and
Depression.
Social Indicators Research, 1993, Vol. 29, 63 - 82. ISSN p 0303 8300; ISSN e 1573
0921 DOI:10.1007/BF01136197
Page in Report: 76

Population: 18-65 aged, Victoria, Australia, followed every 2 years from 1981 to 1987

Sample: Probability stratified sample

Non-Response:

N: 419

Correlate

Authors label: Healthy lifestyle

Our classification: Current healthy life-style, code H9.2

Measurement: Selfreport on 15 questions about

- use of caffiene
- use of alcohol
- smoking
- exercise
- diet
- weight
- sleep disturbance

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-Sum*/mq*/0/a</u>	<u>r=+.16</u> <u>p<.05</u>	

Correlational finding on Happiness and Current healthy life-style Subject code: H9.2

Study LINN 1986

Reported in: Linn, L.S.;Yager, J.; Dennis, W.;Cope, W.; Leake, B.
Factors Associated With Life Satisfaction Among Practicing Internist.
Medical Care, 1986, Vol. 24, 830 - 837. ISSN p 0125 7079; ISSN e 1537 1948
Page in Report: 834

Population: Physicians, California, USA, 1984

Sample: Probability simple random sample

Non-Response:

N: 211

Correlate

Authors label: Health habits

Our classification: Current healthy life-style, code H9.2

Measurement: Selfreported of typical behavices in the past 6 month to make one feel better:

- eating: eating 3 meals a day
- sleeping: getting an adequate amount of sleep at night
- alcohol: use alcohol beverages(beer, wine liquor)
- smoking: cigarettes
- snacking: eating frequent snacks during the day or in the evening

Rated 1: never to 6 daily

Measured Values: M = Eating: 4.85, Sleeping 5.15, Drinking 3.70, Smoking 1.30, Snacking 3.06

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sq/v/7/a</u>	<u>r=+.14</u> <u>p<.05</u>	

Correlational finding on Happiness and Current healthy life-style Subject code: H9.2

Study LINN 1986

Reported in: Linn, L.S.;Yager, J.; Dennis, W.;Cope, W.; Leake, B.
Factors Associated With Life Satisfaction Among Practicing Internist.
Medical Care, 1986, Vol. 24, 830 - 837. ISSN p 0125 7079; ISSN e 1537 1948
Page in Report: 834

Population: Physicians, California, USA, 1984

Sample: Probability simple random sample

Non-Response:

N: 211

Correlate

Authors label: Health habits

Our classification: Current healthy life-style, code H9.2

Measurement: Selfreported of typical behavices in the past 6 month to make one feel better:
- Jogging, running, swimming, golfing or other strenuous exercise for 15 minutes or more
Rated 1: never to 6 daily

Measured Values: M = 4.21

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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O-DT/u/sq/v/7/a r=+.07
ns

Correlational finding on Happiness and Current healthy life-style

Subject code: H9.2

Study PELHA 2009

Reported in: Pelham, B. Nyiri, Z.
 Eating well and life satisfaction: a global view
 The Gallup Company, 2009, Washington DC, USA
 Page in Report: 4

Population: 15+ aged, 114 nations, 2006-2008

Sample: Probability simple random sample

Non-Response:

N: 114000

Correlate

Authors label: Eating healthy

Our classification: Current healthy life-style, code H9.2

Measurement: Self report on single question: "Now, please think about yesterday, from the morning until the end of the day. Think about where you were, what you were doing, who you were with, and how you felt. Did you eat healthy all day yesterday?"
 0= yes
 1= no

Remarks: For the analysis of 'healthy eating' at least 18.000 responses per region were used.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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C-BW/c/sq/l/11/cDM=-

Africa

0 = healthy, M = 4,6

1 = not healthy, M = 3,8

Difference = -0,8

The Americas

0 = healthy, M = 6,0

1 = not healthy, M = 5,4

Difference = -0,6

Asia

0 = healthy, M = 5,4

1 = not healthy, M = 5,0

Difference = -0,4

Europe

0 = healthy, M = 6,8

1 = not healthy, M = 6,6

Difference = -0,2

Correlational finding on Happiness and Current healthy life-style

Subject code: H9.2

Study SAFI 2008

Reported in: Safi, M.
Immigrants' Life Satisfaction in Europe: Between Assimilation and Discrimination.
Working paper, Observatoire Sociologique du Changement (OSC), 2008, Paris,
France
Page in Report: 5

Population: 15 + aged , 20 European nations 2002-2006

Sample: Probability multi-stage cluster sample

Non-Response:

N: 60169

Correlate

Authors label: health

Our classification: Current healthy life-style, code H9.2

Measurement: 1 very good reference
 2 good
 3 fair
 4 bad
 5 very bad

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sq/n/11/</u> <u>cd</u>	<u>B=-.47</u> <u>p<.01</u>	good (compared to very good)
<u>O-SLW/c/sq/n/11/</u> <u>cd</u>	<u>B=-1.0</u> <u>p<.01</u>	fair (compared to very good)
<u>O-SLW/c/sq/n/11/</u> <u>cd</u>	<u>B=-1.9</u> <u>p<.01</u>	bad (compared to very good)
<u>O-SLW/c/sq/n/11/</u> <u>cd</u>	<u>B=-3.0</u> <u>p<.01</u>	very bad (compared to very good)
		B's controlled for - gender - age - family situation - income - occupation - employment

Correlational finding on Happiness and Current healthy life-style Subject code: H9.2

Study **VENTE 1996**

Reported in: Ventegodt, S.
 Liskvalitet hos 4500 31-33-årige. (The Quality of Life of 4500 31-33-Years-Olds).
 Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København 1996, ISBN
 8790190068 <http://www.livskvalitet.org/t2/index.asp>
 Page in Report: 462

Population: 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen

Sample: Non-probability chunk sample

Non-Response: 39%

N: 4500

Correlate

Authors label: healthy lifestyle

Our classification: Current healthy life-style, code H9.2

Measurement: Lifestyle and Quality of Life
 1: very unhealthy lifestyle
 2: unhealthy lifestyle
 3: neither healthy, nor unhealthy lifestyle
 4: healthy lifestyle
 5: very healthy lifestyle

Measured Values: N: All:4597; %;1:1,8; 2:15,6; 3:42,0; 4:35,0; 5:5,6

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>r=+.12</u> <u>p<.00</u>	1: MS=6.63 2: MS=7.39 3: MS=7.68 4: MS=7.96 5: MS=8.16
<u>O-SLu/c/sq/v/5/e</u>	<u>r=+.12</u> <u>p<.00</u>	1: MS=6.24 2: MS=7.01 3: MS=7.36 4: MS=7.69 5: MS=7.69
<u>O-HL/c/sq/v/5/h</u>	<u>r=+.11</u> <u>p<.00</u>	1: MS=6.00 2: MS=6.65 3: MS=7.01 4: MS=7.21 5: MS=7.29

Correlational finding on Happiness and Health inspection

Subject code: H9.2.1

Study SCHUL 1985B

Reported in: Schulz, W.; Költringer, R.; Norden, G.; Tüchler, H.
Lebensqualität in Österreich. (Quality-of-Life in Austria).
Research paper nr 10/1, Institut für Soziologie, University of Vienna, 1985, Austria
Page in Report: 52,54

Population: Adults, non-institutionalized, Austria, 1984

Sample:

Non-Response: ?

N: 1776

Correlate

Authors label: Personal weight control (1)

Our classification: Health inspection, code H9.2.1

Measurement: Direct question: "How often do you control your weight?"
Answer categories: never, less than once a week, at least weekly

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
O-Sum/c/mq/v/5/a	r=+.13	
O-Sum/c/mq/v/5/a	Beta= +.04 p<.05	β controlled for: gender, age, community size, education, professional status, marital status, income, body weight, healthy eating habits, alcohol consumption, physical fitness activity, psychosomatic complains, illness and satisfaction with health.

Correlational finding on Happiness and Health inspection

Subject code: H9.2.1

Study **VENTE 1997**

Reported in: Ventegodt, S.
 Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in
 Pregnancy, Birth and Infancy).
 Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark,
 ISBN 8790190130 <http://www.livskvalitet.org/t3/index.asp>
 Page in Report: 448,450

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Examining doctor shortly after birth

Our classification: Health inspection, code H9.2.1

Measurement: Examining doctor shortly after birth as reported in medical
 file
 a:examination by Q
 b:examination by JP
 c:examination by ZC
 d:examination by other
 Assessed at day 1 and day 5

Measured Values: N day 1 all:4213, %:a:4,5, b:7,9, c:82,5, d:5,1 N day 5 all:4101, %:a:2,6, b:5,2, c:83,2,
 d:9.0

Observed Relation with Happiness

*Happiness
 Measure*

Statistics Elaboration/Remarks

<u>A-AOL/m/sq/v/5/a</u>	<u>DMt=±</u>	day 1	day 5
		a: Mt=7.65	a: 7.99
		b: Mt=7.85	b: 7.63
		c: Mt=7.71	c: 7.71
		d: Mt=7.98	d: 7.90

<u>O-SLu/c/sq/v/5/e</u>	<u>DMt=±</u>	day 1	day 5
		a: Mt=7.58	a: 7.64
		b: Mt=7.51	b: 7.46
		c: Mt=7.39	c: 7.40
		d: Mt=7.55	d: 7.53

<u>O-HL/c/sq/v/5/h</u>	<u>DMt=±</u>	day 1	day 5
		a: Mt=7.06	a: 7.23
		b: Mt=7.09	b: 7.09
		c: Mt=7.00	c: 7.01
		d: Mt=7.14	d: 7.11

Correlational finding on Happiness and Health inspection

Subject code: H9.2.1

Study **VENTE 1997**

Reported in: Ventegodt, S.
 Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
 Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark,
 ISBN 8790190130 <http://www.livskvalitet.org/t3/index.asp>
 Page in Report: 544

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Paediatric checks in first year of life

Our classification: Health inspection, code H9.2.1

Measurement: Paediatric checks in first year of life as reported in medical file
 1: 5 week examination undertaken
 2: 5 month examination undertaken
 3: 10 month examination undertaken
 4: all three examinations undertaken

Measured Values: N: 1:693, 2:975, 3:505, 4:2091,

Remarks: only absolute frequencies are given

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>DMt=±</u>	1: Mt=7.74 2: Mt=7.78 3: Mt=7.69 4: Mt=7.74
<u>O-SLu/c/sq/v/5/e</u>	<u>DMt=±</u>	1: Mt=7.43 2: Mt=7.39 3: Mt=7.30 4: Mt=7.44
<u>O-HL/c/sq/v/5/h</u>	<u>DMt=±</u>	1: Mt=7.05 2: Mt=7.04 3: Mt=6.93 4: Mt=7.03

Correlational finding on Happiness and Health inspection
 Subject code: H9.2.1

Study **VENTE 1997**

Reported in: Ventegodt, S.

Livskvalitet og Omstændigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).

Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark, ISBN 8790190130 <http://www.livskvalitet.org/t3/index.asp>

Page in Report: 544

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Pediatric checks on first year of life

Our classification: Health inspection, code H9.2.1

Measurement: Pediatric checks on first year of life as reported in medical file

a: child care clinic

b: own physician

Measured Values: N: a:898, b:1572

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>DMt=+</u>	a: Mt=7.76 b: Mt=7.80
<u>O-SLu/c/sq/v/5/e</u>	<u>DMt=+</u>	a: Mt=7.41 b: Mt=7.46
<u>O-HL/c/sq/v/5/h</u>	<u>DMt=+</u>	a: Mt=7.00 b: Mt=7.09

Correlational finding on Happiness and Hygiene

Subject code: H9.2.2

Study **BAKKE 1974**

Reported in: Bakker, P.; VandeBerg, N.
 Determinanten en Correlaten van Geluk.(Determinants and Correlates of Happiness).
 Unpublished Thesis, Erasmus University Rotterdam, 1974, Netherlands
 Page in Report: 28

Population: 20-65 aged, general public, The Netherlands, 1968

Sample:

Non-Response: 34% refusal and unattainable.

N: 1552

Correlate

Authors label: Frequency of bathing. (1)

Our classification: Hygiene, code H9.2.2

Measurement: Closed question rated on a 6-point scale.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HP/g/sq/ol/7/a	<u>G=+.05</u> <u>ns</u>	

Correlational finding on Happiness and Current medical consumption

Subject code: H9.3

Study **LEHMA 1988**

Reported in: Lehman, A.F.
 A Quality of Life Interview for the Chronically Mentally Ill.
 Evaluation and Program Planning, 1988, Vol. 11, 51 -52. ISSN 0149 7189
 Page in Report: 57

Population: Chronic mental patients, USA,1981

Sample: Non-probability purposive sample

Non-Response:

N: 469

Correlate

Authors label: Frequency of Medical Care

Our classification: Current medical consumption, code H9.3

Measurement: self report of frequency of medical care in the past year

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/7/a</u>	<u>$r=-.14$</u> <u>$p<.05$</u>	Los Angeles: mentally ill residents of 30 large board-and-care homes
<u>O-DT/u/sqrt/v/7/a</u>	<u>$r=+.00$</u> <u>ns</u>	Rochester: chronically mentally ill inpatients at the Rochester(N.Y.) Psychiatric Center
<u>O-DT/u/sqrt/v/7/a</u>	<u>$r=-.30$</u> <u>$p<.01$</u>	Rochester:chronically mentaly ill residents of various supervised community residences

Correlational finding on Happiness and Current medical consumption Subject code: H9.3

Study ORMEL 1980

Reported in: Ormel, J.
Moeite met Leven of een Moeilijk Leven. (Difficulties with Living or a Difficult Life).
Konstapel, 1980, Groningen, Netherlands
Page in Report: 350

Population: 15-60 aged, general public, followed 12 month, The Netherlands, 1967-77

Sample:

Non-Response: 18%

N: 296

Correlate

Authors label: Taking action on symptoms of illness (1)

Our classification: Current medical consumption, code H9.3

Measurement: Ss were confronted with a list of 16 symptoms and asked what they would do.
Doing nothing vs self-medication/ consulting a doctor.
Additive index.
Assessed at T2(1976)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cw/mq/v/4/c</u>	<u>r=+.09</u> <u>p<.05</u>	T2 happiness by T2 readiness to take action on symptoms.
<u>A-BB/cw/mq/v/4/c</u>	<u>r=+.07</u> <u>ns</u>	T3 happiness by T2 readiness to take action on symptoms.

Correlational finding on Happiness and Use of medicaments

Subject code: H9.3.3

Study BENYA 2004

Reported in: Benyamini, Y.; Leventhal, H.; Leventhal, E.A.
 Self-Rated Oral Health as an Independent Predictor of Self-Rated General Health,
 Self-Esteem and Life Satisfaction.
 Social Science and Medicine, 2004, Vol. 59, 1109 - 1116. ISSN 0277 9536
 DOI:10.1016/j.socscimed.2003.12.021
 Page in Report: 1112-4

Population: Residents retirement community, USA, 1998

Sample: Probability area sample

Non-Response:

N: 850

Correlate

Authors label: Medication use

Our classification: Use of medicaments, code H9.3.3

Measurement: Number of medications reported to be taken daily by
 doctor's recommendation.

Measured Values: M= 2,16; SD= 2,09

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-Sum*/mq/v/5/b</u>	<u>r=-.17</u> <u>p<.01</u>	
<u>O-Sum*/mq/v/5/b</u>	<u>Beta= ns</u>	Beta controled for -age -gender -education -functional disability

Correlational finding on Happiness and Use of medicaments
 Subject code: H9.3.3

Study **JOL 1985**

Reported in: Jol, C.
 Liever Samen dan Alleen? Veranderingen in Levensomstandigheden én Welbevinden van Alleenstaanden, 1974-1983. (Better together than Alone? Changes in Life Situations and Well-Being of Singles, 1974-1983).
 C.B.S. Select, Nr. 3, Central Bureau of Statistics, 1985, The Hague, Netherlands, 171 - 184
 Page in Report: 178

Population: 18+ aged, general public, The Netherlands, 1974-83

Sample:

Non-Response: 1974: 28%, 1983: 43%

N: 4000

Correlate

Authors label: Use of medicaments (1)

Our classification: Use of medicaments, code H9.3.3

Measurement: 0 = uses no medicaments
 1 = uses medicaments

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLL/c/sq/v/5/d</u>	<u>Beta=-.09</u> <u>p<.05</u>	1983 only β controlled for sex and age. Results not significantly different from 1974.

Correlational finding on Happiness and Use of medicaments
Subject code: H9.3.3

Study **MOSER 1969**

Reported in: Moser-Peters, C.M.
 Achtergronden van Geluksgevoelens. (Backgrounds of Happiness Feelings).
 Nederlands Instituut voor Preventieve Geneeskunde (TNO), 1969, Leiden,
 Netherlands
 Page in Report: 37

Population: Adult, general public, Utrecht, city, The Netherlands, 1967

Sample:

Non-Response: 14% unattainable etc.

N: 300

Correlate

Authors label: Nervousness. (2)

Our classification: Use of medicaments, code H9.3.3

Measurement: Direct question: Have you taken 'something against the nerves' during the last 14 days?
 0: Nothing
 1: Swallowed something

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/5/c</u>	<u>G=-.41</u> <u>p<.01</u>	

Correlational finding on Happiness and Use of medicaments Subject code: H9.3.3

Study MOSER 1969

Reported in: Moser-Peters, C.M.
 Achtergronden van Geluksgevoelens. (Backgrounds of Happiness Feelings).
 Nederlands Instituut voor Preventieve Geneeskunde (TNO), 1969, Leiden,
 Netherlands
 Page in Report:

Population: Adult, general public, Utrecht, city, The Netherlands, 1967

Sample:

Non-Response: 14% unattainable etc.

N: 300

Correlate

Authors label: Medicine use. (1)

Our classification: Use of medicaments, code H9.3.3

Measurement: Direct question on medicine use during the last two weeks.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HL/c/sq/v/5/c	SNR= ns	

Correlational finding on Happiness and Use of medicaments Subject code: H9.3.3

Study ZUMA 1989

Reported in: Zentrum für Umfrageforschung Mannheim (ZUMA) Wohlfahrtsurveys 1978, 1980, 1984, 1988. Unpublished data-set. Especially prepared for the World Database of Happiness. Page in Report:

Population: 18+ aged, general public, West-Germany, 1978-88

Sample:

Non-Response: ?

N: 2100

Correlate

Authors label: Use of medicaments (1)

Our classification: Use of medicaments, code H9.3.3

Measurement: Question: 'Do you regularly use medicine?'
 1 yes
 2 no

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>				
		<i>eta</i>	<i>G</i>	<i>r</i>	<i>β</i>	
<u>O-HL/c/sq/v/4/b</u>	<u>SNR=</u>					
		1978	+ .09	+ .18	+ .09	+ .06
		1980				
		1984	+ .12	+ .25	+ .12	+ .10
		1988	+ .10	+ .19	+ .10	+ .07
β's controlled for age, gender, perceived class and marital status.						

Correlational finding on Happiness and Use of medicaments Subject code: H9.3.3

Study ZUMA 1989

Reported in: Zentrum fur Umfrageforschung Mannheim (ZUMA)
 Wohlfahrtsurveys 1978,1980,1984,1988.
 Unpublished data-set. Especially prepared for the World Database of Happiness.
 Page in Report:

Population: 18+ aged, general public, West-Germany, 1978-88

Sample:

Non-Response: ?

N: 2100

Correlate

Authors label: Lasting sickness or disabled (1)

Our classification: Use of medicaments, code H9.3.3

Measurement: Question: 'Do you have some lasting sickness or disablement that forced you to change your profession or your complete life?'

1 yes
2 no

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks				
		eta	G	r	β	
<u>O-SLW/c/sq/n/11/</u> <u>ba</u>	<u>SNR=</u>					
		1978	+.08	+.09	+.08	+.11
		1980				
		1984	+.12	+.16	+.12	+.14
		1988	+.12	+.12	+.12	+.14
<p>β's controlled for age, gender, perceived class and marital status.</p>						

Correlational finding on Happiness and Attitudes to health-maintenance

Subject code: H9.4

Study KAINU 1998

Reported in: Kainulainen, S.
Elämäntapahtumat ja Elämään Tyytyväisyys eri Sosiaaliluokissa. (Life Events and Satisfaction with Life in Different Social Classes; Summary).
Kuopio University Publications, 1998, FinlandKuopio University Publications, 1998, Finland. ISBN 951 781 821 1 ISBN 951-781-821-1
Page in Report: 261

Population: 18+ aged, general public, non-institutionalized, former province Kuopio, Finland, 1991-'96.

Sample: Probability sample (unspecified)

Non-Response: not rep

N: 2682

Correlate

Authors label: Difficulties in getting (medical) care (1)

Our classification: Attitudes to health-maintenance, code H9.4

Measurement: Have you experienced difficulties in getting (medical) care

(a) during the last year ?

(b) ever in your life ?

Answers: No(=0) or Yes(=1).

Measured Values: Never: N = 2291 Ever in your life: N = 146

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-SLu/c/sq/v/5/g

r=-.04

during the last year

O-SLu/c/sq/v/5/g

r=-.09

ever in your life

O-SLu/c/sq/v/5/g

DM=-

never:

M = 3.88

ever in your life:

M = 3.57

95% CI for difference: [0.14 ; 0.48]

Correlational finding on Happiness and Attitudes to health-maintenance
Subject code: H9.4

Study

SMITS 1995

Reported in: Smits, C.H.; Deeg, D.J.; Bosscher, R.J.
Well-Being and Control in Older Persons: The Prediction of Well-Being from Control Measures.
International Journal of Aging and Human Development, 1995, Vol. 40, 237 -251
Page in Report: 241, 245

Population: Elderly, Sassenheim, the Netherlands, 1992

Sample: Probability simple random sample

Non-Response: 24,4%

N: 119

Correlate

Authors label: internal health control

Our classification: Attitudes to health-maintenance, code H9.4

Measurement: Selfreport on 6 items.

Typical item: "If I take good care of myself, I can prevent diseases."

Dutch version of Internal health locus of control scale.

Measured Values: M= 18,56 (sd= 5,58)

Error Estimates: Cronbach alpha= .78

Remarks: data available for 46 Ss

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cw/mq/v/4/g</u>	<u>r=-.21 ns</u>	positive affect = -.27 (05) negative affect = -.02

Appendix 1: Happiness Items used

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

A-AOL/m/sq/v/5/a Single direct question:

How are you feeling now....?

5 very good

4 good

3 neither good nor poor

2 poor

1 very poor

A-BB/cw/mq/v/4/c Selfreport on 8 questions:

" In the past few weeks did you ever feel.....?"

A Pleased about having accomplished something

B Upset because someone criticized you

C Proud because someone complimented you on something you had done

D That things are going your way

E So restless you couldn't sit long in a chair

F Unhappy or depressed

G Particularly interested in something

H Lonely and remote from other people

Response options:

0 not at all

1 sometimes

2 often

3 very often

Scoring: a = 0.....d = 3

Summation:

Positive Affect Score (PAS): summed scores on A, C, D, G

Negative Affect Score (NAS): summed scores on B, E, F, H

Affect Balance Score (ABS): PAS minus NAS

Name: Bradburn's Affect Balance Scale (variant)

A-BB/cw/mq/v/4/g Selfreport on 10 questions:

"During the past few weeks, did you ever feel?"

A Particularly excited 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:

- 1 not at all
- 2 sometimes
- 3 often
- 4 very often

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: -15 to +15

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

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

Selfreport on single question:

Here is ladder representing the 'ladder of life'. Let's suppose the top of the ladder represents the best possible life for you; and the bottom, the worst possible life for you. On which step of the ladder do you feel you personally stand at the present time?

10 best possible

9

8

7

6

5

4

3

2

1

0 worst possible life

This question was followed (not preceded) by items on life 5 years ago and 5 years from now.

O-DT/u/sq/v/7/a

Selfreport on single question:

How do you feel about your life as a whole.....?

7 delighted

6 pleased

5 mostly satisfied

4 mixed

3 mostly dissatisfied

2 unhappy

1 terrible

Name: Andrews & Withey's 'Delighted-Terrible Scale' (original version)

O-DT/u/sqt/v/7/a

Selfreport on single question, asked twice in interview:

How do you feel about your life as a whole.....?

7 delighted

6 pleased

5 mostly satisfied

4 mixed

3 mostly dissatisfied

2 unhappy

1 terrible

Summation: arithmetic mean

Name: Andrews & Withey's "Delighted-Terrible Scale" (original version)

Also known as Lehman's 'Global lifesatisfaction'

O-H?/?/sq/f/7/a

Selfreport on single question:

Lead item not reported

Rated on a 7-step pictorial faces scale, presented on a card

(pictures not shown here)

7 smiling face, very happy

6

5

4

3

2

1 frowning face, very unhappy

O-HL/c/sq/v/4/b

Selfreport on single question:

Is your life at this moment?

4 very happy

3 fairly happy

2 fairly unhappy

1 very unhappy

O-HL/c/sq/v/5/c

Selfreport on single question:

"Taking all things together, how would you say you are these days.....?"

5 extremely happy

4 very happy

3 happy

2 pretty happy

1 not too happy

O-HL/c/sq/v/5/h Selfreport on single question

'How happy are you now?'
5 very happy
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy

Original text in Danish:
'Hvor lykkelig er du for tiden?'
5 meget lykkelig
4 lykkelig
3 hverken eller
2 ullykkelig
1 meget ullykkelig

O-HP/g/sq/ol/7/a Selfreport on single question:

"Generally speaking are you a happy person.....?"

Responses were made on an open line scale, and were later coded in 7 categories:

1 very unhappy
2
3
4
5
6
7 very happy.

O-SLL/c/sq/v/5/d Selfreport on single question:

How satisfied are you with the life you currently lead?
5 extraordinary satisfied
4 very satisfied
3 satisfied
2 fairly satisfied
1 not so satisfied

O-SLu/?/sq/l/5/a Selfreport on single question:

"..... satisfaction with life"
(full lead item not reported)

Rated on a wooden miniature ladder, handed to the respondent
[5] very satisfied
[4]
[3]
[2]
[1] very dissatisfied

O-SLu/c/sq/v/5/e

Selfreport on single question:

'How satisfied are you with your life now?'

5 very satisfied

2 satisfied

3 neither satisfied nor dissatisfied

2 dissatisfied

1 very dissatisfied

Original text in Danish:

'Hvor tilfreds er du med dit liv for tiden?'

5 meget tilfreds

4 tilfreds

3 hverken tilfreds eller utilfreds

2 utilfreds

1 meget utilfreds

O-SLu/c/sq/v/5/g

Self report on single question:

How satisfying do you find your life at the moment.....?

1 very dissatisfying

2 quite dissatisfying

3 not satisfying not dissatisfying

4 quite satisfying

5 very satisfying

O-SLW/c/sq/n/11/
ba

Selfreport on single question;

What do you think, how satisfied are you at this moment- all in all - with your life ?' 'If for instance you are totally satisfied with your life, please mark a '10'.If you are totally unsatisfied with your life, mark a '0'.If you are not completely unsatisfied nor totally satisfied range yourself somewhere between '1' and '9"

10 completely satisfied

9

8

7

6

5

4

3

2

1

0 completely dissatisfied

O-SLW/c/sq/n/11/
cd

Selfreport on single question:

All things considered, how satisfied are you with your life as a whole nowadays?

0 extremely dissatisfied

1

2

3

4

5

6

7

8

9

10 extremely satisfied

- don't know

- no answer

O-Sum/*/mq*/0/a

Self report on 8 items

A How do you feel about your life as a whole?

Rated on a 9-step Delighted-Terrible scale

Asked twice in the interview with 15 minutes interval

B a In most ways my life is close to ideal

b The conditions of my life are excellent

c I am satisfied with my life

d So far, I have gotten the important things I want in life

e If I could live my life over, I would change nothing'

Answers rated: 7 strongly agree to 1 strongly disagree

C How do you feel usually?

0 extremely unhappy

.

.

10 extremely happy

Computation: factor

O-Sum/* /mq/v/5/b

Self report on four questions:

- A I am very satisfied with my life
- B These are the best years of my life
- C My life could be better than it is now
- D The quality of my life is poor

Scoring

- 1 disagree strongly
- 2
- 3
- 4
- 5 agree strongly

Computation: $A+B+C+D/4$ (C and D reversed)

O-Sum/c/mq/v/5/a

Selfreport on 3 questions:

- A When you consider your present life as-a-whole, would you say you are....?
 - 5 very happy
 - 4 fairly happy
 - 3 rather happy than unhappy
 - 2 rather unhappy than happy
 - 1 very unhappy
 - DK/NA

- B When you consider your present life as-a-whole, would you say you are.....?
 - 5 very satisfied
 - 4 fairly satisfied
 - 3 rather satisfied than dissatisfied
 - 2 rather dissatisfied than satisfied
 - 1 fairly dissatisfied
 - DK/NA

- C How do you feel right now? Is your well-being.....?
 - 5 very high
 - 4 high
 - 3 moderate
 - 2 rather low
 - 1 very low
 - DK/NA

Summation: The summed scores were divided in three strata: low, medium and high quality of life

Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
B	<p>REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS) Type: test statistic Measurement level: Correlate: metric, Happiness: metric Theoretical range: unlimited</p> <p>Meaning: $B > 0$ A higher correlate level corresponds with, on an average, higher happiness rating. $B < 0$ A higher correlate level corresponds with, on an average, lower happiness rating. $B = 0$ Not any correlation with the relevant correlate.</p>
Beta	<p>(β) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS) Type: test statistic. Measurement level: Correlates: all metric, Happiness: metric. Range: [-1 ; +1]</p> <p>Meaning: $\beta > 0$ « a higher correlate level corresponds with, on an average, higher happiness rating. $\beta < 0$ « a higher correlate level corresponds with, on an average, lower happiness rating. $\beta = 0$ « no correlation. $\beta = + 1$ or -1 « perfect correlation.</p> <p>Remark: Mean of observations is subtracted from all observations if standardized.</p>
DM	<p>DIFFERENCE of MEANS Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric 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>
DMt	<p>DIFFERENCE of MEANS AFTER TRANSFORMATION Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Theoretical range: [-10; +10]</p> <p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.</p>

G	<p>GOODMAN & Kruskal's GAMMA Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1]</p> <p>Meaning: G = 0 « no rank correlation G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings. G = -1 « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.</p>
r	<p>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient') Type: test statistic. Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1]</p> <p>Meaning: r = 0 « no correlation , r = 1 « perfect correlation, where high correlate values correspond with high happiness values, and r = -1 « perfect correlation, where high correlate values correspond with low happiness values.</p>
SNR	Statistic Not Reported

Appendix 3: About the World Database of Happiness

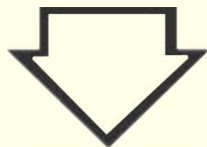
Structure of the collections

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

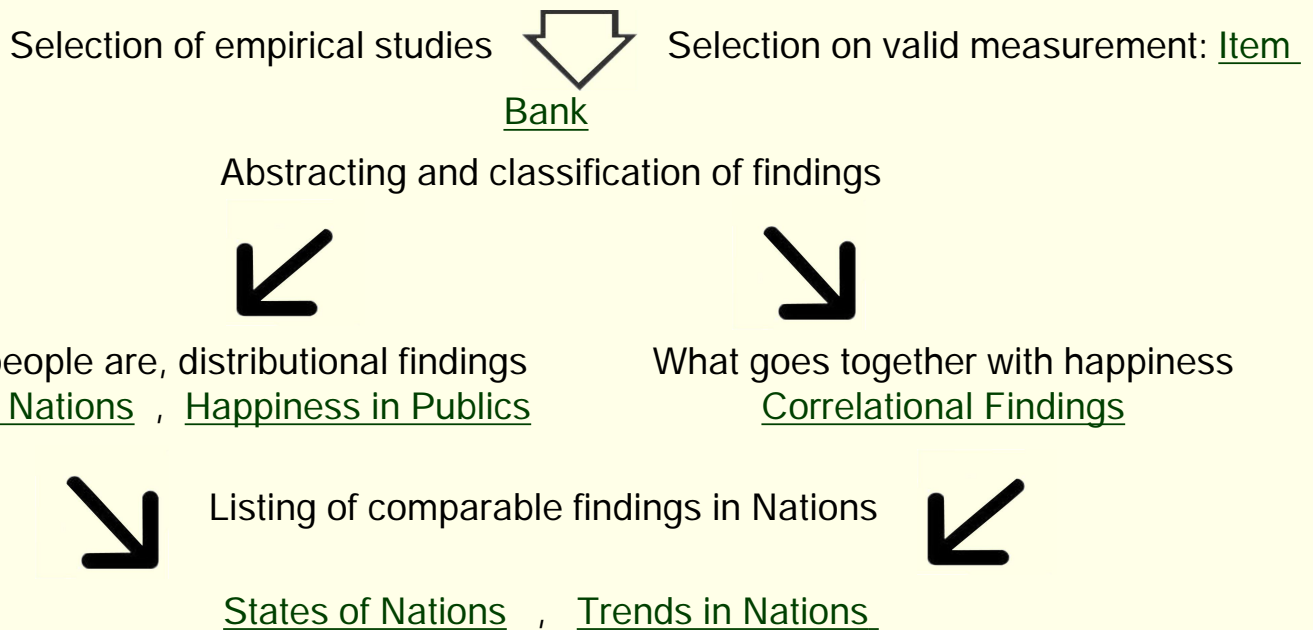
It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.

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
L12	LOVE-LIFE	31
M1	MARRIAGE: MARITAL STATUS CAREER	64
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
N4	NATION: CONDITION IN ONE'S NATION	430
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
O1	OCCUPATION	178

O2	ORGAN TRANSPLANTATION	17
P1	PERSONALITY: HISTORY	48
P2	PERSONALITY: CHANGE	10
P3	PERSONALITY: CURRENT ORGANIZATION	7
P4	PERSONALITY: CURRENT TRAITS	462
P5	PERSONALITY: LATER	23
P6	PHYSICAL HEALTH	427
P7	PLANNING	11
P8	POLITICAL BEHAVIOUR	231
P9	POPULARITY	26
P10	POSSESSIONS	60
P11	PRISON	1
P12	PROBLEMS	25
P13	PSYCHO-SOMATIC COMPLAINTS	62
P14	PETS	3
R1	RELIGION	251
R2	RESOURCES	9
R3	RETIREMENT	89
R4	ROLES	23
S1	SCHOOL	129
S2	SELF-IMAGE	237
S3	SEX-LIFE	61
S4	SLEEP	16
S5	SOCIAL MOBILITY	17
S6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	69
S7	SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS	131
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	34
S9	SOCIO-ECONOMIC STATUS	154
S10	SOCIAL SUPPORT: RECEIVED	62
S11	SOCIAL SUPPORT: PROVIDED	6
S12	SPORTS	38
S13	STIMULANTS	49
S14	SUICIDE	8
S15	SUMMED DETERMINANTS	92
T1	TIME	53
T2	THERAPY	38
T3	TOLERANCE	37
V1	VALUES: CAREER	8
V2	VALUES: CURRENT PREFERENCES (own)	73

V3	VALUES: CLIMATE (current values in environment)	7
V4	VALUES: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5
W2	WISDOM	2
W3	WORK: CAREER	2
W4	WORK: CONDITIONS	68
W5	WORK: ATTITUDES	347
W6	WORK: PERFORMANCE (current)	29
W7	WORRIES	31
XX	UNCLASSIFIED	25

Appendix 5: Related Subjects

<i>Subject</i>	<i>Related Subject(s)</i>
H9 HEALTH-BEHAVIOR	P6 PHYSICAL HEALTH
H9.1 Health-behavior career	M6.1 Medical career
H9.2.1 Health inspection	M6.2.1 Visits to doctor
H9.3 Current medical consumption	M6 MEDICAL TREATMENT
H9.3.3 Use of medicaments	S13 STIMULANTS
H9.4 Attitudes to health-maintenance	C8.2.2 Specific concerns
H9.4 Attitudes to health-maintenance	M6.5 Attitudes to medical treatment
H9.4 Attitudes to health-maintenance	V1 VALUES: CAREER
H9.4 Attitudes to health-maintenance	V2.1 General value-principles

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