World Database of Happiness

Correlational Findings on Happiness and HOPE
Subject Code: H11

© on data collection: Ruut Veenhoven,
Erasmus University Rotterdam

Classification of Findings

Subject Code	Description	Nr of Studies on this Subject
H11	HOPE	1
H11.1	Hope-career	0
H11.1.1	Earlier hope	0
H11.1.2	Change in hope	0
H11.1.4	Later hope	0
H11.2	Current hope	3
H11.2.2	Specific personal hopes	0
H11.3	Hopefulness	4
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	
Cite as	Veenhoven, R.: Findings on HOPE World Database of Happiness, Correlational Findings Internet: worlddatabaseofhappiness.eur.nl Erasmus University Rotterdam, 2009, Netherlands	

Correlational finding on Happiness and HOPE
Subject code: H11

Study   MOLLE 2006

Reported in: Moller, V.
                 Satisfied and Dissatisfied South Africans: Results From The General Household
                 Survey in the International Comparison.
                 Social Indicators Research, 2007, Vol. 81, 389 - 415. ISSNp 0303 8300;ISSNe 1573
                 0921 DOI:10.1007/s11205-006-9004-3
                 Page in Report: 400-2

Population: Adults, South Africa, 2002

Sample: Probability multistage stratified area sample

Non-Response:

N: 2200

Correlate

Authors label: Monthly household expenditure

Our classification: HOPE, code H11

Measurement: a:Monthly household expenditure R2500
                    or higher
                 b:Monthly household expenditure under
                    R400
                 c:Remitance main source of household
                    income
                 d:No household income

Measured Values: a:5%, b:40%, c:17%, d:3%

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks

```
O-SLu/g/sq/n/11/c                        %happy %neutral %unhappy
                          a:Monthly househ. exp.
                            R2500 or higher      67        14    19
                          b:Monthly househ. exp.
                            under R400           47        12    41
                          c:Remitance main source
                            of househ. Income    47        12    41
                          d:No househ. Income    42         8    50
```

Correlational finding on Happiness and Current hope
Subject code: H11.2

Study	ABDEL 2006A/2
Reported in:	Abdel-Khalek, A.M. Measuring Happines by a Single Item Scale. Social Behavior and Personality, 2006, Vol. 34, 139 - 150. ISSN 0301 2212 Page in Report: 20
Population:	University undergraduates, Kuwait 2002
Sample:	Non-probability chunk sample
Non-Response:	
N:	503

Correlate

Authors label:	Hope
Our classification:	Current hope, code H11.2
Measurement:	The Hope Scale (Snyder, Harris et al., 1991) It contains 4 items tapping pathways, 4 items tapping agency, as well as a total score. Each item is answered on a 4-point Likert scale.
Measured Values:	M = 24,13; SD = 3,45
Error Estimates:	Cronbach alpha = .68

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
M-FH/g/sq/ol/11/a	r=+.41	All males : r = +.40 (N = 95) females: r = +.42 (N = 95)

Correlational finding on Happiness and Current hope
Subject code: H11.2

Study	KEYES 1998
Reported in:	Keyes, C.L. Social Well-Being. Social Psychology Quarterly 1998, Vol. 61, 121 - 140. ISSN 0190 2725 Page in Report: 132
Population:	18 + aged, Dane County, Wisconsin USA, 1994
Sample:	Probability simple random sample
Non-Response:	37%
N:	373

Correlate

Authors label:	Social Actualization (1)
Our classification:	Current hope, code H11.2
Measurement:	Respondents indicated (dis)agreement with the following statements: a) Society has stopped making progress (-) b) Society is not improving for people like you (-) c) Social institutions (e.g. government & law) do not make your life better (-) d) Society is continually evolving (+) e) Society is a productive place for people to live in (+) f) There is no social progress (-) g) The world is becoming a better place for everyone (+) Items with (-) are reverse scored on scale ranging from 1.strongly 2.moderately 3.slightly disagree 4.slightly 5.moderately 6.Strongly agree

Measured Values:	M = 32.1 SD = 5.7
Error Estimates:	Metric Loading ranging from 0.54 to 1.0 Validity coefficient for the scoring ranged from 0.46 to 0.62 Alpha reliabiliy 0 .69

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
O-SLW/cm/sq/v/4/a	r=+.26 p<.01	
O-SLu/h/sq/v/4/a	r=+.16 p<.01	

Correlational finding on Happiness and Current hope
Subject code: H11.2

Study	UGLAN 2006
Reported in:	Uglanova, E. Analysis of Happiness Variable in Monitoring of Social and Economic Changes in Russia 1993 - 2. Data Independent Institute for Social Policy, 2006, Russia http://sofist.socpol.ru Page in Report: question23
Population:	16+ aged, Russia, 1993
Sample:	Probability multi-stage cluster sample
Non-Response:	?
N:	2018

Correlate

Authors label:	Confidence in future
Our classification:	Current hope, code H11.2

Measurement: Taking all things together, are you confident in your future?
```
1 no
2 rather no
3 rather yes
4 yes
- DK/NA
```

Measured Values: N = 1: 26,1% 2: 41% 3: 16,7% 4 5,8% DK/NA: 10,5%

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
O-SLW/c/sq/v/4/g	DM=+	1: M = 2,19 2: M = 2,41 3: M = 2,90 4: M = 3,31
O-SLW/c/sq/v/4/g	rs=+.37 p<.000	

Correlational finding on Happiness and Hopefulness
Subject code: H11.3

Study	COSTA 1980/1
Reported in:	Costa, P.T.; Mc Crae, R.R. Influence of Extraversion and Neuroticism on Subjective Well-Being: Happy and Unhappy People. Journal of Personality and Social Psychology, 1980, Vol. 38, 668 - 678. ISSN 0022 3514 Page in Report: 672-673
Population:	35-85 aged white males (largely veterans), USA, 1976
Sample:	
Non-Response:	T1:21%; T2:18%; T3:27%; T4:46%
N:	1100

Correlate

Authors label: Hopelessness (1)

Our classification: Hopefulness, code H11.3

Measurement: The Hopelessness Scale (Beck, Weisman, Lester and Trexler, 1974)

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
A-BB/cm/mq/v/2/b	r=+.61 p<.001	Hopelessness assessed at T3. Hedonic level sum of scores at T1, T2, T3 and T4 (3 month-intervals).

Correlational finding on Happiness and Hopefulness
Subject code: H11.3

Study

CUMMI 2003A

Reported in: Cummins, R.A.; Eckersley, R; Lo, S.K.; Okerstrom, E.; et.al.
Australian Unity Wellbeing Index. Survey 5, Report 5. The Wellbeing of Australians. 1. Personal Finances 2. The Impact of the Bali Bombing.
Australian Centre on Quality of Life, 2003, Melbourne, Australia. http://www.deakin.edu.au/research/acqol/index.htm
Page in Report: 126

Population: 18+aged, Australia, 2002

Sample: Probability area sample

Non-Response: 75%

N: 1999

Correlate

Authors label: Satisfaction with future security

Our classification: Hopefulness, code H11.3

Measurement:	Single question: How satisfied are you with your future security?Rated on 0-10 scale.
Measured Values:	M = 6.98 ; SD = 1.96

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
O-SLW/u/sq/n/11/ca	r=+.39	

Correlational finding on Happiness and Hopefulness
Subject code: H11.3

Study	CUMMI 2003B
Reported in:	Cummins, R.A; Eckersley, R; Lo, S.K.; Okerstrom, E.; et.al. Australian Unity Wellbeing Index, Survey 6, Report 6.The Wellbeing of Australians: Impact of the Impending Iraq War. Australian Centre on Quality of Life, 2003, Melbourne, Australia. http://www.deakin.edu.au/research/acqol/index.htm Page in Report: 117+121
Population:	18+aged, Australia, 2003
Sample:	Probability area sample
Non-Response:	88%
N:	1979

Correlate

Authors label:	Satisfaction with your future security
Our classification:	Hopefulness, code H11.3
Measurement:	Single question: How satisfied are you with your future security? Rated on 0-10 scale.

Measured Values:	M = 6,94; SD = 1,66

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
O-SLW/u/sq/n/11/ca	r=+.41	
O-SLW/u/sq/n/11/ca	Beta= +.08 p<.001	ß controled for satisfaction with: - Standard - Health - Achieve - Relationships - Safety - Community
O-SLW/u/sq/n/11/ca	R^2=+.01	Additional variance explained above satifaction with the domains of: - Standard - Health - Achieve - Relationships - Safety - Community

Correlational finding on Happiness and Hopefulness
Subject code: H11.3

Study	STAPE 1988/1
Reported in:	Stapel, J. De Gelukkige Nederlanders. (The Happy Dutchman). Unpublished Paper, N.I.P.O.(Gallup Affiliate), 1988, Amsterdam, Netherlands Page in Report: 4
Population:	18+ aged, The Netherlands, 1988
Sample:	Probability systematic sample
Non-Response:	

N:	952

Correlate

Authors label:	General expectation for the next year (1)
Our classification:	Hopefulness, code H11.3
Measurement:	Single closed question: "What do you expect in general of the next year, will it become a good year for yourself or less good?"

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
M-FH/u/sq/v/3/a	G=+.70 p<. 01	

Appendix 1: Happiness Items used

Happiness Item Code	Full Text
A-BB/cm/mq/v/2/b	Selfreport on 10 questions, repeated four times at 3 months intervals: "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)

M-FH/g/sq/ol/11/a   Selfreport on single question:

Do you feel happy in general?
0 minimum score
1
2
3
4
5
6
7
8
9
10 maximal score
Numbers presented on a horizontal line scale.

M-FH/u/sq/v/3/a   Selfreport on single question:

Do you feel.....?
3 happy
2 not too happy
1 unhappy

O-SLu/g/sq/n/11/c   Selfreport on single question:

How satisfied are you with your life in general?
10 completely satisfied
9
8
7
6
5
4
3
2
1
0 completely dissatisfied

O-SLu/h/sq/v/4/a   Selfreport on single question:

Ss were asked to pretend for a moment that their life would end next week end then indicate how happy they felt about the life they been able to live. (Full question not reported)
4 very satisfied
3 somewhat satisfied
2 a little satisfied
1 not at all satisfied

O-SLW/c/sq/v/4/g   Selfreport on single question:

How satisfied are you with your life as a whole these days?
4 quite satisfied
3 rather satisfied
2 rather unsatisfied
1 not at all satisfied
- no answer
- hard to say

O-SLW/cm/sq/v/4/a   Selfreport on single question

'….satisfied with global life right now….'
(full question not reported)
4 very satisfied
3 somewhat satisfied
2 a little satisfied
1 not at all satisfied

O-SLW/u/sq/n/11/ca   Selfreport on single question:

Thinking about your own life and personal circumstances, how satisfied are you with your life as a whole?
1 very dissatisfied
2
3
4
5 neutral
6
7
8
9
10 very satisfied

First item in Cummins' 'Personal Well-being Scale' (labels used until 2005)

Appendix 2: Statistics used

Symbol	Explanation
Beta	(ß) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS) Type: test statistic. Measurement level: Correlates: all metric, Happinessl: metric. Range: [-1 ; +1] 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. Remark: Mean of observations is subtracted from all observations if standardized.
DM	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. Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.
G	GOODMAN & Kruskal's GAMMA Type: test statistic Measurement level: Correlate: ordinal, Happinessl: ordinal Range: [-1; +1] 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.

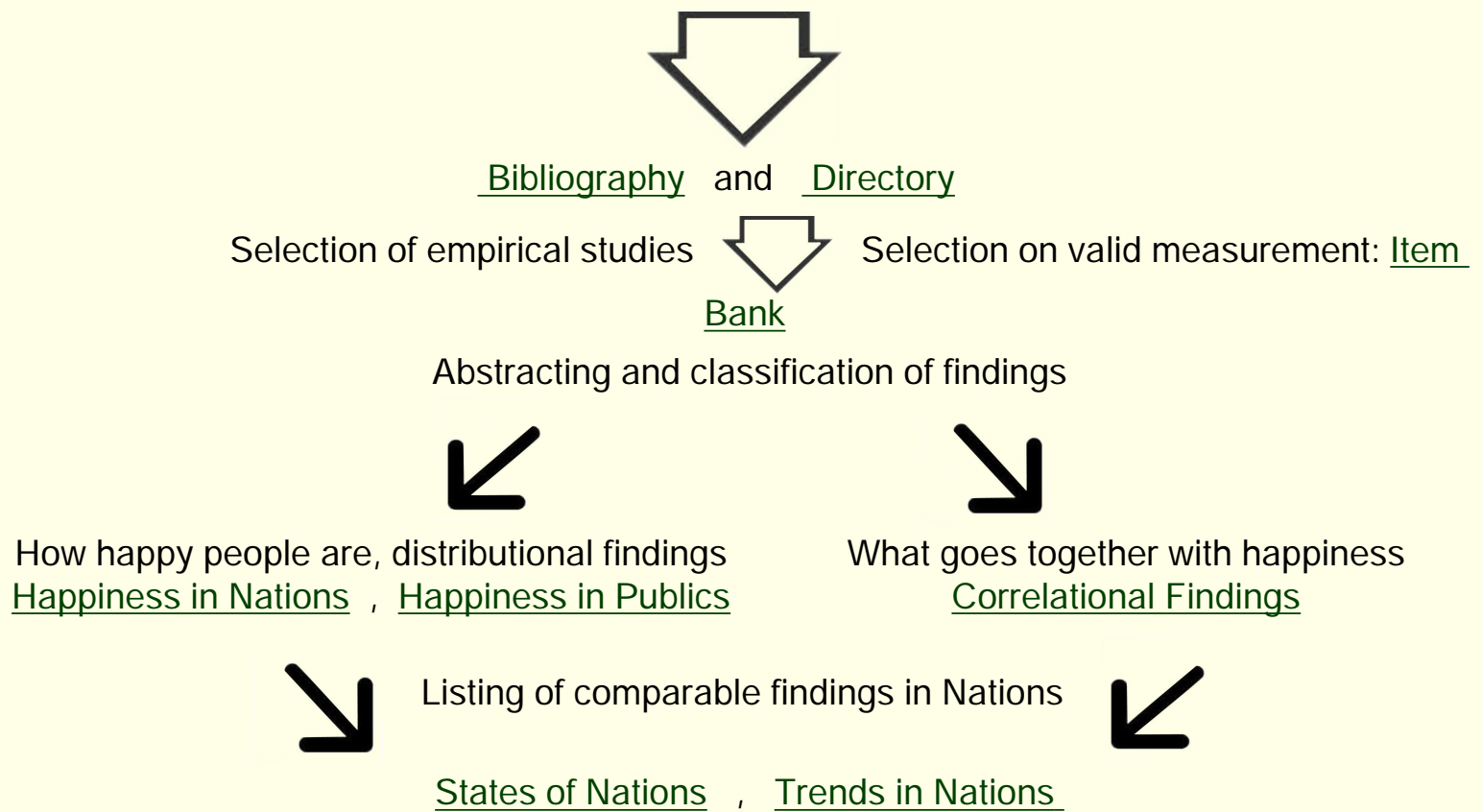| r	PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient' or simply 'correlation coefficient') Type: test statistic. Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1] Meaning: r = 0 « no correlation , r = 1 « perfect correlation, where high correlate values correspond with high happiness values, and r = -1 « perfect correlation, where high correlate values correspond with low happiness values.
rs	SPEARMAN'S RANK CORRELATION COEFFICIENT Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal. Range: [-1; +1] Meaning: rs = 0 « no rank correlation rs = 1 « perfect rank correlation, where high correlate values are associated with high happiness ratings rs =-1 « perfect rank correlation, where high correlate values are associated with low happiness ratings
R^2	COEFFICIENT of DETERMINATION Type: test statistic Measurement level: Correlates: all metric, Happiness: metric Range: [0; 1] Meaning: R^2 = 0 « no influence of any correlate in this study has been established. R^2 = 1 « the correlates determine the happiness completely.

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

Selection of empirical studies   Selection on valid measurement: Item Bank

Abstracting and classification of findings

How happy people are, distributional findings   What goes together with happiness
Happiness in Nations , Happiness in Publics   Correlational Findings

Listing of comparable findings in Nations

States of Nations , Trends in Nations

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

Main Subjects	Subject Description	Number of Studies
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

Subject		Related Subject(s)	
H11.1.1	Earlier hope	P1.2.77	Earlier optimism
H11.2.2	Specific personal hopes	L7.2.2	Object of life-goals
H11.2.2	Specific personal hopes	W7.2.2	Specific worries
H11.3	Hopefulness	P4.77	Optimistic
H11.3	Hopefulness	P4.85	Positive reacting

A report of the World Database of Happiness, Correlational Findings