

# World Database of Happiness



## Correlational Findings on Happiness and HAPPINESS g: REPUTATION OF Subject Code: H8

© 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>
H8	HAPPINESS g: REPUTATION OF	0
H8.1	Reputation of happiness career	0
H8.1.1	Earlier reputation of happiness	0
H8.1.2	Change in reputation of happiness	0
H8.2	Current reputation of happiness	1
H8.2.1	. Rating of happiness by parents	3
H8.2.2	. Rating of happiness by peers	1
H8.2.3	. Rating of happiness by spouse	1
H8.2.4	. Rating of happiness by interviewer	9
H8.2.5	. Rating of happiness by nurse	1
H8.2.6	. Rating of happiness by clinician	3
H8.3	Attitude to reputation of happiness	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

Cite as  
 Veenhoven, R.: Findings on HAPPINESS g:  
 REPUTATION OF  
 World Database of Happiness, Correlational Findings  
 Internet: [worlddatabaseofhappiness.eur.nl](http://worlddatabaseofhappiness.eur.nl)  
 Erasmus University Rotterdam, 2009, Netherlands

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## Study **VERRI 1999**

*Reported in:* Verrips, E.G.; Vogels, T.G.; Koopman, H.M.;Theunissen, N.C;et al  
Measuring Health-Related Quality of Life in a Child Population.  
European Journal of Public Health, 1999, Vol. 9,, 188 - 193. ISSN p 1101 1262; ISSN  
1464 360X  
Page in Report: 189

*Population:* 8-11 aged, children . The Netherlands, 1994

*Sample:* Probability stratified sample

*Non-Response:* 31%

*N:* 1159

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## Measured Correlate

*Class:* . Rating of happiness by parents, Code H8.2.1

*Measurement:* In the recent weeks, did your child feel

- A Joyfull
- B In good spirits
- C Contented
- E Enthusiastic
- F Relaxed
- G Happy
- H Confident
- J Cheerfull
- K Short-tempered
- L Jealous
- M Anxious
- N Sad
- O Angry
- P Worried
- Q Gloomy
- R Aggressive

Rated:0 never, 1 sometimes, 2 often

Summation: (A+B+C+D+E+F+G+H+J) - (K+L+M+N+O+P+Q+R)

Name: TACQOL Positive and Negative emotional functioning  
scales (part of TNO-AZL Child Quality Of Life  
questionnaire)

*Remarks:* Affect Balance Scores computed by us by subtracting Positive Affect Scale from Negative Affect

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## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>	
<u>A-AB/cm/rdf/v/32/a</u>	<u>DM=</u>	Parent rating of child	M = 3,2
		Child's self rating on the same scale	M = 2,0
		Difference	= 1,2

## Study **MAGNU 1991**

*Reported in:* Magnus, K.; Diener, E.  
A Longitudinal Analysis of Personality, Life Events, and Subjective Well-Being.  
Paper presented at the 63rd Annual Meeting of the Midwestern Psychological  
Association. 1991, Chicago, USA  
Page in Report: 26

*Population:* University students, USA, followed 4 years 1986-1990

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 130

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## Measured Correlate

*Class:* . Rating of happiness by peers, Code H8.2.2

*Measurement:* Ratings of informant on four questions:

Using the 1-5 scale below, indicate your agreement with each of the items by placing the appropriate number on the line preceding that item. Please be open and honest in your responding.

A In most ways life is close to ideal

B The conditions of life are excellent

C He/she is satisfied with life

D So far, he/she has gotten the important things he/she wants in life

E If he/she could live life over, he/she would change nothing

Answers rated:

5 strongly agree

4 slightly agree

3 neither agree nor disagree

2 slightly disagree

1 strongly disagree

Computation:  $A+B+C+D+E$  divided by 5

*Remarks:* At least seven informants for each participant: at least three from family members and three others from friends. Assessed at T1(1986) and T2(1990)

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-FH/g/sq/n/11/a</u>	<u><math>r=+.43</math></u> <u><math>p&lt;.05</math></u>	T1 peer SWLS by T2 happiness
<u>M-FH/g/sq/n/11/a</u>	<u><math>r=+.52</math></u> <u><math>p&lt;.05</math></u>	T2 peer SWLS by T2 happiness
<u>O-Sum/g/fi/?/7/a</u>	<u><math>r=+.44</math></u> <u><math>p&lt;.05</math></u>	T2 peer SWLS by T1 happiness
<u>O-DT/u/sq/v/7/a</u>	<u><math>r=+.53</math></u> <u><math>p&lt;.05</math></u>	T2 peer SWLS by T1 happiness
<u>M-FH/g/rdp/v/10/a</u>	<u><math>r=+.45</math></u> <u><math>p&lt;.05</math></u>	T2 peer SWLS by T1 happiness
<u>M-FH/g/rdp/v/10/a</u>	<u><math>r=+.43</math></u> <u><math>p&lt;.05</math></u>	T1 peer SWLS by T2 happiness T1-T2 4 years interval

**Study**                      **LEPPE 1997**

*Reported in:* Lepper, H.S.  
 Use of other Reports to Validate Subjective Well-Being Measures.  
 Social Indicators Research, 1998, Vol. 44, 367 - 379. ISSN p 0303 8300; ISSN e 1573  
 0921 DOI:10.1023/A:1006872027638  
 Page in Report: 374,376

*Population:* Retirees followed 9 months, Southern California, USA, 199?

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 971

**Measured Correlate**

*Class:* Current reputation of happiness, Code H8.2

*Measurement:* Other (by spouse or close friend/relative) reports of happiness (using the same question as used for self reports)

**Observed Relation with Happiness**

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL*/mq/v/16/a</u>	<u>DM=0,02</u> <u>ns</u>	Self rating                      Other rating T1 M = 1.22                      SD = 0,26 M = 1.24
<u>O-HL*/mq/v/16/a</u>	<u>DM=</u> <u>+08</u> <u>p&lt;.001</u>	Self rating                      Other rating T2 M = 1.28                      SD = 0,03 M = 1.29 (verschil in M klopt niet)
<u>O-HL*/mq/v/16/a</u>	<u>r=+.59</u> <u>p&lt;.0001</u>	T1 self rating by T1 other rating
<u>O-HL*/mq/v/16/a</u>	<u>r=+.54</u> <u>p&lt;.0001</u>	T2 self rating by T2 other rating

<u>A-BB/cm/mq/v/2/a</u>	<u>DM=-.05</u> <u>p&lt;.001</u>	Self rating T1 M = 0,59	Other rating SD = 0.41 M = 0,64
<u>A-BB/cm/mq/v/2/a</u>	<u>DM=</u> <u>+.00 ns</u>	Self rating T2 M = 0,65	Other rating SD = 0,03 M = 0,67
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.53</u> <u>p&lt;.0001</u>	T1 self rating by T1 other rating	
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.47</u> <u>p&lt;.0001</u>	T2 self rating by T2 other rating	
<u>M-AO*/mqr*/0/a</u>	<u>DM=-.13</u> <u>p&lt;.05</u>	SD= 1.71	
<u>M-AO*/mqr*/0/a</u>	<u>DM=</u> <u>+.08 ns</u>	SD = 0,08	
<u>M-AO*/mqr*/0/a</u>	<u>r=+.64</u> <u>p&lt;.0001</u>	T1 self rating by T1 other rating	
<u>M-AO*/mqr*/0/a</u>	<u>r=+.57</u> <u>p&lt;.001</u>	T2 self rating by T2 other rating	

## Study **STURM 2003**

*Reported in:* Sturms, L.M.; Vander Sluis, C, K.; Groothoff, J.W.; TenDuis, H.J.; et al.  
 Young Traffic Victims' Long-Term Health-Related Quality of Life: Child Self- Reports  
 and Parental Reports.  
 Archives of Physical Medicine and Rehabilitation, 2003, Vol. 84, 431 - 436. ISSN  
 0003 9993 doi:10.1053/apmr.2003.50015 doi:10.1053/apmr.2003.50015  
 Page in Report: 92

*Population:* 8-15 aged, 3 year after a traffic accident, The Netherlands, 1999

*Sample:* Non-probability purposive sample

*Non-Response:* 36%

*N:* 254

## Measured Correlate

*Class:* . Rating of happiness by parents, Code H8.2.1

*Measurement:* A Parents rating of child's happiness  
 B Child's selfrating of own happiness  
 Using the same Affect Balance Scale

## Observed Relation with Happiness

*Measured  
 Happiness*

*Statistics Elaboration/Remarks*

[A-AB/cm/rdf/v/32/a](#)

DM=+

Parent's rating of child's happiness M = 2,69

p<.05

Child's selfrating of own happiness M = 1,62

Difference

DM = 1,07

CI [0,19;1,95]



**Study**                      **SPIJKE 2006**

*Reported in:* Spijkerboer, A.W; Utens, E.M; De Koning, W.B; Bogers, A.J; et al  
 Health-Related Quality of Life in Children and Adolescents after Invasive Treatment  
 for Congenital Heart Disease.  
 Quality of Life Research, 2006, Vol. 15, 663 - 673. ISSN p 0962 9343; ISSN e 1573  
 2649 DOI:10.1007/s11136-005-3692-z DOI 10.1007/s11136-005-3692-z  
 Page in Report: 668-9

*Population:*

*Sample:* Non-probability purposive sample

*Non-Response:* 27%

*N:* 113

**Measured Correlate**

*Class:* . Rating of happiness by parents, Code H8.2.1

*Measurement:* A Parents rating of child's happiness  
 B Child's self rating of own happiness

using the same Affect Balance Scale

**Observed Relation with Happiness**

*Measured  
 Happiness*

*Statistics    Elaboration/Remarks*

<u>A-AB/cm/rdf/v/32/a</u>	<u>DM=</u>	boy's	girl's	all
	parents rating	1,8	2,2	2,0
	child's self rating	0,9	1,0	0,9
	difference	-0,9	-1,2	-1,1

Parents overrate child's happiness in all cardiac  
 diagnostic groups

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**Study**                    **ANDRE 1976/4**

*Reported in:* Andrews, F.M.; Withey, S.B.  
 Social Indicators of Well-being: Americans' Perceptions of Life Quality  
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1  
 Page in Report: 78

*Population:* 18+ aged, general public, non-institutionalized, USA, 1973/3

*Sample:*

*Non-Response:* 26%

*N:* 1433

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**Measured Correlate**

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Rating by interviewer of how respondent feels about life as a whole.  
 Rated on a 7-point scale: terrible/  
 unhappy/ mostly dissatisfied/ mixed/  
 mostly satisfied/ pleased/ delighted

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**Observed Relation with Happiness**

*Measured  
 Happiness*

*Statistics    Elaboration/Remarks*

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

mr=+.53

O-DT asked twice:  
 at the beginning of the interview: r=+.53  
 at the end                    of the interview: r=+.52

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

r=+.57

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**Study**                    **ANDRE 1976/4**

*Reported in:* Andrews, F.M.; Withey, S.B.  
 Social Indicators of Well-being: Americans' Perceptions of Life Quality  
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 Page in Report: 78

*Population:* 18+ aged, general public, non-institutionalized, USA, 1973/3

*Sample:*

*Non-Response:* 26%

*N:* 1433

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**Measured Correlate**

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Rating by interviewer of how respondent feels about life as a whole.  
 Rated on a 7-point scale: terrible/  
 unhappy/ mostly dissatisfied/ mixed/  
 mostly satisfied/ pleased/ delighted

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**Observed Relation with Happiness**

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<a href="http://worlddatabaseofhappiness.eur.nl/hap_cor/top_sub.php?code=H8">O-GBB/u/sq/c/9/a</a>	<a href="#">r=+.45</a>	
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**Study**                      **ANDRE 1976/4**

*Reported in:* Andrews, F.M.; Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1  
Page in Report: 78

*Population:* 18+ aged, general public, non-institutionalized, USA, 1973/3

*Sample:*

*Non-Response:* 26%

*N:* 1433

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**Measured Correlate**

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Rating by interviewer of how respondent feels about life as a whole.  
Rated on a 7-point scale: terrible/  
unhappy/ mostly dissatisfied/ mixed/  
mostly satisfied/ pleased/ delighted

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**Observed Relation with Happiness**

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<a href="#">C-BW/cy/sq/l/9/a</a>	<a href="#">r=+.45</a>	
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## Study **WESSM 1966/2**

*Reported in:* Wessman, A.E.;Ricks, D.F.  
Mood and Personality.  
Holt, Rinehart and Wilson, 1966, New York, USA. ISBN 03 0541 151 8  
Page in Report: 104

*Population:* Male college students, followed 3 years, Harvard University, USA, 1957-60

*Sample:* Non-probability chunk sample

*Non-Response:* 37%: 9 dropouts, incomplete; about the same happiness distribution.

*N:* 17

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## Measured Correlate

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Overall composite clinical rank on 'happiness - unhappiness'; using all clinical data and knowledge over a period of three years, including evidence of possible repressed or latent problems at deeper levels of the personality

*Remarks:* Happiness measure type M-ACO

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## Observed Relation with Happiness

*Measured  
Happiness*

*Statistics    Elaboration/Remarks*

[A-ARE/md/sqr/v/10/a](#)     $r=+.69$

This clinical rank on happiness was made a half year after the Elation-Depression Scale (AFF 3.1) was administered (during 6 weeks).  
Correlations between this clinical rank on happiness and hedonic level, as assessed by the Elation-Depression Scale, were as follows:  
-with mean daily average mood    :  $r = +.69$   
-with mean daily highest mood    :  $r = +.48$   
-with mean daily lowest mood    :  $r = +.42$

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**Study**                    **SCHAE 1963/2**

*Reported in:* Schaefer, E.S.; Bailey, N.  
 Maternal Behavior, Child Behavior and Their Intercorrelation.  
 Monographs of the Society for Research in Child Development, Serial no. 87, 1963,  
 Vol. 28, 3 - 127  
 Page in Report: 39

*Population:* Girls, followed from age 0 to 18, Berkely, California, USA, 1929-47

*Sample:*

*Non-Response:*

*N:* 19

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**Measured Correlate**

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Rating by four judges on the basis of notes on observations  
 and interviews between age 12-18.

Ratings were made on two bi-polar 7 point adjective scales.  
 Sumscore based on ratings of:  
 - gloomy  
 - not cheerfull

*Remarks:* Happiness measure type A-CA

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**Observed Relation with Happiness**

*Measured  
 Happiness*

*Statistics    Elaboration/Remarks*

O-Sum/g/rc/v/7/a

r=+.60

p<.05

Overall happiness assessed in the same vein.  
 Sumscore of ratings on the adjectives:  
 - discontented  
 - unhappy  
 - dissatisfied  
 - complaining

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**Study**                    **NOELL 19977/22**

*Reported in:* Noelle-Neumann, E.  
 Politik und Glück. (Politics and Happiness).  
 H. Baier (ed.), Freiheit und Sachzwang, Westdeutscher Verlag, Opladen, 1977, 208 -  
 262  
 Page in Report: 223

*Population:* 16+ aged, general public, West-Germany, 1973

*Sample:*

*Non-Response:*

*N:* 1041

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**Measured Correlate**

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Interviewer rating of cheerful appearance on the following aspects:

- look
- mouth
- posture
- movements
- eyes
- elbow
- lips
- general cheerful appearance

*Remarks:* Allensbacher Ausdrücktest

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**Observed Relation with Happiness**

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-CA/mh/ri/v/2/b</u>	<u>G=+.31</u>	- total
<u>A-CA/mh/ri/v/2/b</u>	<u>G=+.34</u>	- look

A-CA/mh/ri/v/2/b      G=+.28      - mouth

A-CA/mh/ri/v/2/b      G=+.28      - posture

A-CA/mh/ri/v/2/b      G=+.29      - movements

A-CA/mh/ri/v/2/b      G=+.14      - eyes

A-CA/mh/ri/v/2/b      G=+.09      - elbows

A-CA/mh/ri/v/2/b      G=+.12      - lips  
AFF 5.3a is the last item in the Allensbacher  
Ausdrücktest (general cheerfull appearance).



## Study **NOELL 1977/3**

*Reported in:* Noelle Neumann, E.  
Politik und Glück. (Politics and Happiness).  
Baier, H.;Ed.: "Freiheit und Sachzwang", West Deutscher Verlag, 1977, Opladen,  
Germany, 208 - 262. ISBN 3 531 11 44 68  
Page in Report:

*Population:* 16+ aged, general public, West-Germany, 1973

*Sample:*

*Non-Response:*

*N:* 1041

## Measured Correlate

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Interviewer-rating of cheerful appearance on 8 aspects

- A The look is
  - 2) open
  - 1) evasive
  - impossible to say
- B The corners of the mouth turn
  - 2) up
  - 1) down
  - impossible to say
- C The posture is
  - 2) relaxed, at ease
  - 1) rather tense
  - impossible to say
- D The movements are
  - 2) relaxed, at ease
  - 1) limited, withdrawn
  - impossible to say
- E The eyes are
  - 2) big, open
  - 1) small, screw up
  - impossible to say
- F The elbows are kept
  - 2) not close to the body
  - 1) close to the body
  - impossible to say
- G The lips are more
  - 2) broad, full
  - 1) thin, pent up
  - impossible to say

H All in all the subject looks  
 2) quite cheerful  
 1) not very cheerful  
 - difficult to say

Scoring: sum of aspect ratings

Name: `Allensbacher Ausdruckstest`

Remarks: happiness measure type A-CA

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## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cw/mq/v/2/a</u>	<u>G=+.44</u>	Males
<u>A-BB/cw/mq/v/2/a</u>	<u>G=+.40</u>	Females
<u>A-BB/cw/mq/v/2/a</u>	<u>G=+.40</u>	Age 45-
<u>A-BB/cw/mq/v/2/a</u>	<u>G=+.39</u>	Age 45+
<u>A-BB/cw/mq/v/2/a</u>	<u>G=+.35</u>	Good health
<u>A-BB/cw/mq/v/2/a</u>	<u>G=+.36</u>	Bad health

Data reported in NOELL 1978 table 12

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**Study**                    **NOELL 1977/9**

*Reported in:* Noelle-Neumann, E.  
 Politik und Glück. (Politics and Happiness).  
 Baier, H.;Ed.: "Freiheit und Sachzwang", West Deutscher Verlag, 1977, Opladen,  
 Germany, 208 - 262. ISBN 3 531 11 44 68  
 Page in Report: 222

*Population:* 16+ aged, general public, West-Germany, 1975

*Sample:*

*Non-Response:*

*N:* 8309

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**Measured Correlate**

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Allenbacher Ausdrücktest: Interviewer-rating of cheerful appearance on the following aspects:

- 1 look
- 2 mouth
- 3 posture
- 4 movements
- 5 eyes
- 6 elbows
- 7 lips
- 8 general appearance

(AFF 5.3)

*Remarks:* AFF 5.3a is the last item in the Allensbacher Ausdrücktest (general appearance).

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**Observed Relation with Happiness**

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u><a href="#">A-CA/mh/ri/v/2/b</a></u>	<u><a href="#">r=+.44</a></u>	1. Look
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<u>A-CA/mh/ri/v/2/b</u>	<u>r=+.34</u>	2. Mouth
<u>A-CA/mh/ri/v/2/b</u>	<u>r=+.47</u>	3. Attitude
<u>A-CA/mh/ri/v/2/b</u>	<u>r=+.43</u>	4. Movements
<u>A-CA/mh/ri/v/2/b</u>	<u>r=+.33</u>	5. Eyes
<u>A-CA/mh/ri/v/2/b</u>	<u>r=+.24</u>	6. Elbows
<u>A-CA/mh/ri/v/2/b</u>	<u>r=+.26</u>	7. Lips

## Study **HINTO 1979**

*Reported in:* Hinton J.  
Comparison of places and policies for terminal care  
The Lancet, 1979, 6 January, 29 - 32. ISSN 0023 7507  
Page in Report: 30

*Population:* End stage cancer patients, UK, 1978

*Sample:* Probability stratified sample

*Non-Response:* 2%

*N:* 80

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## Measured Correlate

*Class:* . Rating of happiness by nurse, Code H8.2.5

*Measurement:* Rating of patients mood by:  
A: Interviewer on the basis of a bedside open interview  
B: Nurse  
C: Spouse

All ratings expressed on scale

1 depressed

2

3

4

5

6

7

8

9 elated

*Measured Values:* Interviewer rating - depressed 6% - sad 39% - average 26% - cheerful 9% - elated 0%  
Spouse rating of patient - depressed 7% - sad 37% - average 20% - cheerful 16% -  
elated 0% Nurse rating of patient - depressed 9% - sad 24% - average 31% - cheerful  
16% - elated 0%

*Remarks:* Ratings collapsed to 5 categories

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## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ASA/cm/fi/n/9/a</u>	<u>r=+.65</u>	patient - spouse
<u>A-ASA/cm/fi/n/9/a</u>	<u>r=+.59</u>	patient- nurse
<u>A-ASA/cm/rdf/n/9/a</u>	<u>r=+.45</u>	spouse - nurse

## Study **HINTO 1979**

*Reported in:* Hinton J.  
Comparison of places and policies for terminal care  
The Lancet, 1979, 6 January, 29 - 32. ISSN 0023 7507  
Page in Report: 30

*Population:* End stage cancer patients, UK, 1978

*Sample:* Probability stratified sample

*Non-Response:* 2%

*N:* 80

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## Measured Correlate

*Class:* . Rating of happiness by spouse, Code H8.2.3

*Measurement:* Rating of patients mood by:  
A: Interviewer on the basis of a bedside open interview  
B: Nurse  
C: Spouse

All ratings expressed on scale

1 depressed

2

3

4

5

6

7

8

9 elated

*Measured Values:* Interviewer rating - depressed 6% - sad 39% - average 26% - cheerful 9% - elated 0%  
Spouse rating of patient - depressed 7% - sad 37% - average 20% - cheerful 16% -  
elated 0% Nurse rating of patient - depressed 9% - sad 24% - average 31% - cheerful  
16% - elated 0%

*Remarks:* Ratings collapsed to 5 categories

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## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ASA/cm/fi/n/9/a</u>	<u>r=+.65</u>	patient - spouse
<u>A-ASA/cm/fi/n/9/a</u>	<u>r=+.59</u>	patient- nurse
<u>A-ASA/cm/rdf/n/9/a</u>	<u>r=+.45</u>	spouse - nurse



## Study **HINTO 1979**

*Reported in:* Hinton J.  
Comparison of places and policies for terminal care  
The Lancet, 1979, 6 January, 29 - 32. ISSN 0023 7507  
Page in Report: 30

*Population:* End stage cancer patients, UK, 1978

*Sample:* Probability stratified sample

*Non-Response:* 2%

*N:* 80

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## Measured Correlate

*Class:* . Rating of happiness by interviewer, Code H8.2.4

*Measurement:* Rating of patients mood by:  
A: Interviewer on the basis of a bedside open interview  
B: Nurse  
C: Spouse

All ratings expressed on scale

1 depressed

2

3

4

5

6

7

8

9 elated

*Measured Values:* Interviewer rating - depressed 6% - sad 39% - average 26% - cheerful 9% - elated 0%  
Spouse rating of patient - depressed 7% - sad 37% - average 20% - cheerful 16% -  
elated 0% Nurse rating of patient - depressed 9% - sad 24% - average 31% - cheerful  
16% - elated 0%

*Remarks:* Ratings collapsed to 5 categories

---

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ASA/cm/fi/n/9/a</u>	<u>r=+.65</u>	patient - spouse
<u>A-ASA/cm/fi/n/9/a</u>	<u>r=+.59</u>	patient- nurse
<u>A-ASA/cm/rdf/n/9/a</u>	<u>r=+.45</u>	spouse - nurse

---

**Study**                    **HEADE 1982/1**

*Reported in:* Headey, B.; Holström, E.; Wearing, A.J.  
 Australians' Priorities, Satisfaction and Well-being: Methodological Issues.  
 Monograph in Public Policy Studies, nr.8, University of Melbourne, 1982, Australia  
 Page in Report: 25

*Population:* Adults, general public, Melbourne, Australia, followed from 1978 to 1981 (selected from 1981 "mini"-panel: 184 of the 555 of the 1978 Melbourne metropolitan survey)

*Sample:* Probability simple random sample

*Non-Response:* 0

*N:* 31

---

**Measured Correlate**

*Class:* . Rating of happiness by clinician, Code H8.2.6

*Measurement:* In-depths interview by a qualified psychologist involving open questions and probes about various topics, such as activities, friendships, sources of self-fulfillment and life-satisfaction. Transcripts of the interviews were then scored by two coders, who were unaware of the survey results.

The coders scored life-satisfaction using the 1-9 Delighted-Terrible scale

*Remarks:* only 23 of 31 respondents interviewed were available for scores of the survey

---

**Observed Relation with Happiness**

*Measured  
 Happiness*

*Statistics    Elaboration/Remarks*

O-DT/u/sqt/v/9/a

r=+.43  
p<.05

Self-rating (from survey) by coder(1)-rating (from interview) both on the same 1-9 D-T scale

O-DT/u/sqt/v/9/a

r=+.33  
ns

Self-rating (from survey) by coder(2)-rating (from interview) both on the same 1-9 D-T scale

---

## Study **WESSM 1966/2**

*Reported in:* Wessman, A.E.;Ricks, D.F.  
Mood and Personality.  
Holt, Rinehart and Wilson, 1966, New York, USA. ISBN 03 0541 151 8  
Page in Report: 103

*Population:* Male college students, followed 3 years, Harvard University, USA, 1957-60

*Sample:* Non-probability chunk sample

*Non-Response:* 37%: 9 dropouts, incomplete; about the same happiness distribution.

*N:* 17

---

## Measured Correlate

*Class:* . Rating of happiness by clinician, Code H8.2.6

*Measurement:* Composite clinical rank order of happiness by 6 staff psychologists, based on two years of experience with the subjects

Assessed 6 months earlier.

*Remarks:* Happiness measure M-ACO

---

## Observed Relation with Happiness

*Measured  
Happiness*

*Statistics Elaboration/Remarks*

[A-ARE/md/sqr/v/10/a](#)  $r=+.71$

Hedonic level (Elation-Depression Scale) scored each night for the highest, lowest and average of the day.

Mean daily highest mood :  $r = +.44$

Mean daily average mood :  $r = +.71$

Mean daily lowest mood :  $r = +.63$

---

## Study **WESSM 1966/2**

*Reported in:* Wessman, A.E.;Ricks, D.F.  
Mood and Personality.  
Holt, Rinehart and Wilson, 1966, New York, USA. ISBN 03 0541 151 8  
Page in Report: 104

*Population:* Male college students, followed 3 years, Harvard University, USA, 1957-60

*Sample:* Non-probability chunk sample

*Non-Response:* 37%: 9 dropouts, incomplete; about the same happiness distribution.

*N:* 17

---

## Measured Correlate

*Class:* . Rating of happiness by clinician, Code H8.2.6

*Measurement:* Clinical rank on 'happy - unhappy life story', stressing auto-biographic re- ports and information for three years, concerning past life experiences up to the time of entering college.

*Remarks:* Assessed 6 months after entering college

---

## Observed Relation with Happiness

*Measured  
Happiness*

*Statistics Elaboration/Remarks*

[A-ARE/md/sqr/v/10/](#) [r=+.48](#) Hedonic level (Elation-Depression Scale: AFF 3.1)  
[a](#) [p<. 05](#) scored each night for the highest, lowest and average of the day.

Mean daily highest mood : r = +.42

Mean daily average mood : r = +.48

Mean daily lowest mood : r = +.34

## Appendix 1: Happiness Items used

<i>Happiness Item Code</i>	<i>Full Text</i>
A-AB/cm/rd/v/32/a	<p>Parent's rating of child on 16 questions:</p> <p>In the recent weeks, did your child feel</p> <p>A Joyfull            B Contented            E Enthusiastic            F Relaxed            G Happy            H Confident            J Cheerfull            K Short-tempered            L Jealous            M Anxious            N Sad            O Angry            P Worried            Q Gloomy            R Aggressive</p> <p>Rated:            0 never            1 sometimes            2 often</p> <p>Summation: (A+B+C+D+E+F+G+H+J) - (K+L+M+N+O+P+Q+R)            Name: TACQOL Positive and Negative emotional functioning scales</p>
A-ARE/md/sqr/v/10/a	<p>Selfreport on single question, repeated every evening before retiring during 3 weeks (experience sampling).</p> <p>"On the average, how happy or unhappy did you feel today....?"</p> <p>1 Extremely unhappy. Utterly depressed. Completely down.            2 Very unhappy. Depressed. Spirits very low.            3 Pretty unhappy. Somewhat 'blue'. Spirits down.            4 Mildly unhappy. Just a little low.            5 Barely unhappy. Just this side of neutral.            6 Barely happy. Just this side of neutral.            7 Mildly happy. Feeling fairly good and somewhat cheerful.            8 Pretty happy. Spirits high. Feeling good.            9 Very happy. Feeling really good. Elated.            10 Extremely happy. Feeling ecstatic, joyous, fantastic.</p> <p>Name: Wessman &amp; Ricks' "Elation - Depression Scale" (adapted version)</p>

A-ASA/cm/fi/n/9/a Interviewer rating based on open interview

1 depressed  
2  
3  
4  
5  
6  
7  
8  
9 elated

A-ASA/cm/rdf/n/9/a Rating by spouse

1 depressed  
2  
3  
4  
5  
6  
7  
8  
9 elated

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

During the past few weeks, did you ever feel ....? (yes/no)

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:

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)



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

"During the past week, did you ever feel.....?"

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

B Proud, because someone had complimented you

C Very lonely or remote from people?

D Pleased about having accomplished something

E Bored

F On top of the world?

G Depressed

H That things were going your way?

I Upset because someone criticized you?

J Could not do anything, simply because you could not start?

Answer options and scoring:

- yes = 1

- no = 0

Summation:

Positive Affect Score (PAS): summed scores on B,D F,H

Negative Affect Score (NAS): summed scores on A,C,E,G,I,J

Affect Balance Score (ABS): PAS minus NAS

Possible range -6 to +4

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

A-CA/mh/ri/v/2/b Interviewer-rating of cheerfulness:

Altogether the respondent looks.....

2 quite cheerful

1 not too cheerful

- difficult to say

Part of the 8 item Allensbacher Ausdrücktest which also involves ratings of cheerful appearance in: look, mouth, posture, movements, eyes, elbows and lips. This general rating is the last item in the test.

C-BW/cy/sq/l/9/a

Selfreport on single question:

"Here is a picture of a ladder. At the bottom of the ladder is the worst life you might reasonably expect to have. At the top is the best life you might expect to have. Of course, life from week to week falls somewhere in between. Where was your life most of the time during the past year?"

[ 9 ] best life you might expect to have

[ 8 ]

[ 7 ]

[ 6 ]

[ 5 ]

[ 4 ]

[ 3 ]

[ 2 ]

[ 1 ] worst life you might expect to have

Name: Cantril's self anchoring ladder rating (modified version)

M-AO\*/mqr\*/0/a

Various self reports and informant rating

A Selfreport on five questions repeated three times during semester:

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 ...1 strongly disagree

(Diener's Satisfaction With Life Scale, SWLS)

B Selfreport on 24 questions:

How much of each mood did you experience in the last month?

BA LOVE

a Affection

b love

c caring

d fondness

BB JOY

a joy

b happiness

c contentment

d pride

BC FEAR

a fear

b worry

c anxiety

d nervous

BD ANGER

a anger

b irritation

c disgust

d rage

BE SHAME

a shame

b guilt

c regret

d embarrassment

BF SADNES

a sadness

b loneliness

c unhappiness

d depression

Rated: 0 = not at all ...6 extremely much

Summation: balance score  $(BA+BB)/2 - (BC+BD+BE+BF)/4$

C Rating of B by five informants

D Selfreport of daily affect on B

Summation: z-scores

M-FH/g/rdp/v/10/a

Peerrating using single question:

Use the list below to answer the following question: IN GENERAL, HOW HAPPY OR UNHAPPY DOES X USUALLY FEEL? Check the one statement that best describes his/her average happiness.

10 extremely happy (feeling ecstatic, joyous, fantastic!)

9 very happy (feeling really good and elated!)

8 pretty happy (spirits high, feeling good)

7 mildly happy (feeling fairly good and somewhat cheerful)

6 slightly happy ( just a bit above neutral)

5 slightly unhappy (just a bit below neutral)

4 mildly unhappy (just a bit low)

3 pretty unhappy (somewhat "blue", spirits down)

2 very unhappy ( depressed, spirits very low)

1 extremely unhappy (utterly depressed, completely down)

Name: Fordyce's overall happiness item, peer rating version

M-FH/g/sq/n/11/a

Selfreport on single question:

"Generally speaking, how (much) do you feel happy? What score do you give if we put ten for 'extremely happy, zero for extremely unhappy' and five for neither happy nor unhappy'?"

10 extremely happy

9

8

7

6

5 neither happy nor unhappy

4

3

2

1  
0 extremely unhappy

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/sq/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-DT/u/sq/v/9/a

Selfreport on single question asked twice

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

1 terrible  
2 very unhappy  
3 unhappy  
4 mostly dissatisfied  
5 mixed feelings  
6 mostly satisfied  
7 pleased  
8 very pleased  
9 delighted

O-GBB/u/sq/c/9/a

Selfreport on single question:

"Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"

(circles not reproduced here )

- 8 + + + + + + + +
- 7 + + + + + + -
- 6 + + + + + - -
- 5 + + + + - - -
- 4 + + + - - - -
- 3 + + - - - - -
- 2 + - - - - - -
- 2 + - - - - - -
- 0 - - - - - - -

Name: Andrews & Withey's 'Circles Scale'

O-HL\*/mq/v/16/a

Self report on three questions:

A During the past 4 weeks..... Have you been a happy person?

- 6 all of the time
- 5 most of the time
- 4 a good bit of the time
- 3 some of the time
- 2 a little of the time
- 1 none of the time

B Considering your life as a whole, would you describe it as...?"

- 1 very unhappy
- 2 unhappy
- 3 unhappy
- 4 mixed
- 5 happy
- 6 happy
- 7 very happy

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

- 3 very happy
- 2 pretty happy
- 1 not too happy

O-Sum/g/fi/?/7/a

Selfreport in in-depth interview about affective nature of one's life. Rated on the level of happiness by an expert rater on a 1-7 scale

O-Sum/g/rc/v/7/a

Clinical rating.

Ratings by four judges on the basis of notes from observations and interviews between age 12-18.

Ratings were made on the following dimensions:

- A. discontented
- B. unhappy
- C. dissatisfied
- D. complaints

Rating options:

1 not at all true

2

3

4 average

5

6

7

8 extremely true

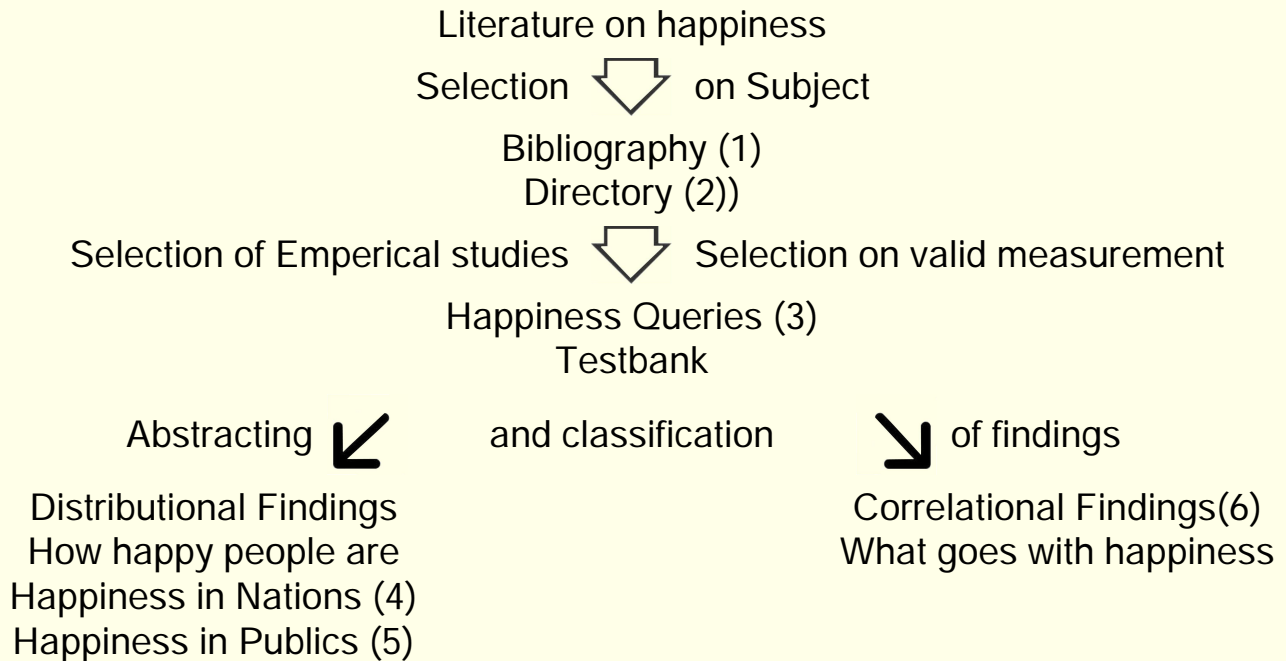
Summation: not reported

## Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
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>
G	<p>GOODMAN &amp; 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>
mr	<p>Mean correlation coefficient (r).            For r, see PRODUCT-MOMENT CORRELATION</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>

## 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

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<i>Subject</i>	<i>Related Subject(s)</i>
H8 HAPPINESS g: REPUTATION OF	S2 SELF-IMAGE
H8.2.3 . Rating of happiness by spouse	M4.5.1 Happiness of spouse
H8.3 Attitude to reputation of happiness	H3.4 Perceived reputation of happiness

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A report of the World Database of Happiness, Correlational Findings