## Classification of Findings

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Description</th>
<th>Nr of Studies on this Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>H8</td>
<td>HAPPINESS g: REPUTATION OF</td>
<td>0</td>
</tr>
<tr>
<td>H8.1</td>
<td>Reputation of happiness career</td>
<td>0</td>
</tr>
<tr>
<td>H8.1.1</td>
<td>Earlier reputation of happiness</td>
<td>0</td>
</tr>
<tr>
<td>H8.1.2</td>
<td>Change in reputation of happiness</td>
<td>0</td>
</tr>
<tr>
<td>H8.2</td>
<td>Current reputation of happiness</td>
<td>1</td>
</tr>
<tr>
<td>H8.2.1</td>
<td>. Rating of happiness by parents</td>
<td>3</td>
</tr>
<tr>
<td>H8.2.2</td>
<td>. Rating of happiness by peers</td>
<td>1</td>
</tr>
<tr>
<td>H8.2.3</td>
<td>. Rating of happiness by spouce</td>
<td>1</td>
</tr>
<tr>
<td>H8.2.4</td>
<td>. Rating of happiness by interviewer</td>
<td>9</td>
</tr>
<tr>
<td>H8.2.5</td>
<td>. Rating of happiness by nurse</td>
<td>1</td>
</tr>
<tr>
<td>H8.2.6</td>
<td>. Rating of happiness by clinician</td>
<td>3</td>
</tr>
<tr>
<td>H8.3</td>
<td>Attitude to reputation of happiness</td>
<td>0</td>
</tr>
</tbody>
</table>

### Appendix

- **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

Erasmus University Rotterdam, 2009, Netherlands
### Study

Page in Report: 189

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

**Sample:** Probability stratified sample

**Non-Response:** 31%

**N:** 1159

### Measured Correlate

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

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

- A Joyful
- B In good spirits
- C Contented
- E Enthusiastic
- F Relaxed
- G Happy
- H Confident
- J Cheerful
- 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

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AB/cm/rdf/v/32/a</td>
<td><strong>DM</strong> =</td>
<td>Parent rating of child ( M = 3.2 )</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Child's self rating on the same scale ( M = 2.0 )</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Difference ( = 1.2 )</td>
</tr>
</tbody>
</table>
Study MAGNU 1991


Page in Report: 26

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

Sample: Non-probability chunk sample

Non-Response:

N: 130

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

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-FH/g/sq/n/11/a</td>
<td>r=+.43</td>
<td>T1 peer SWLS by T2 happiness</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>M-FH/g/sq/n/11/a</td>
<td>r=+.52</td>
<td>T2 peer SWLS by T2 happiness</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>O-Sum/g/fi/?/7/a</td>
<td>r=+.44</td>
<td>T2 peer SWLS by T1 happiness</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>r=+.53</td>
<td>T2 peer SWLS by T1 happiness</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>M-FH/g/rdp/v/10/a</td>
<td>r=+.45</td>
<td>T2 peer SWLS by T1 happiness</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>M-FH/g/rdp/v/10/a</td>
<td>r=+.43</td>
<td>T1 peer SWLS by T2 happiness</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td>T1-T2 4 years interval</td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

<table>
<thead>
<tr>
<th>Study</th>
<th>LEPPE 1997</th>
</tr>
</thead>
</table>
| Reported in: | Lepper, H.S.  
Use of other Reports to Validate Subjective Well-Being Measures.  
| 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

<table>
<thead>
<tr>
<th>Measured</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Happiness</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| O-HL/*mg/v/16/a | DM=0.02 NS | Self rating by T1 other rating  
T1 M = 1.22  
SD = 0.26  
M = 1.24 |
| O-HL/*mg/v/16/a | DM=+.08 p<.001 | Self rating by T2 other rating  
T2 M = 1.28  
SD = 0.03  
M = 1.29 (verschil in M klopt niet) |
| O-HL/*mg/v/16/a | r=+.59 p<.0001 | T1 self rating by T1 other rating |
| O-HL/*mg/v/16/a | r=+.54 p<.0001 | T2 self rating by T2 other rating |

<table>
<thead>
<tr>
<th>Study/Country</th>
<th>DM</th>
<th>Self Rating</th>
<th>Other Rating</th>
<th>T1 M</th>
<th>SD</th>
<th>T2 M</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>0.05</td>
<td>0.59</td>
<td>0.64</td>
<td>0.041</td>
<td>0.03</td>
<td>0.067</td>
<td></td>
</tr>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>0.00</td>
<td>0.65</td>
<td>0.67</td>
<td>0.03</td>
<td>0.08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M-AO/<em>/mqr/</em>/0/a</td>
<td>-0.13</td>
<td>1.71</td>
<td>0.08</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M-AO/<em>/mqr/</em>/0/a</td>
<td>0.64</td>
<td>0.57</td>
<td>0.57</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Correlation Coefficients:

<table>
<thead>
<tr>
<th>Study/Country</th>
<th>r</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>0.53</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>0.47</td>
<td>&lt;0.0001</td>
</tr>
<tr>
<td>M-AO/<em>/mqr/</em>/0/a</td>
<td>0.64</td>
<td>&lt;0.0001</td>
</tr>
<tr>
<td>M-AO/<em>/mqr/</em>/0/a</td>
<td>0.57</td>
<td>&lt;0.001</td>
</tr>
</tbody>
</table>
Study

**STURM 2003**


*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

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AB/cm/rdf/v/32/a</td>
<td>DM = +</td>
<td>Parent's rating of child's happiness M = 2,69</td>
</tr>
<tr>
<td>p&lt;.05</td>
<td></td>
<td>Child's selfrating of own happiness M = 1,62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Difference</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DM = 1,07</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CI [0,19;1,95]</td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

Study  
SPIJKE 2006


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

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AB/cm/rdf/v/32/a</td>
<td>DM=</td>
<td></td>
</tr>
<tr>
<td>parents rating</td>
<td>1,8  2,2  2,0</td>
<td></td>
</tr>
<tr>
<td>child's self rating</td>
<td>0,9  1,0  0,9</td>
<td></td>
</tr>
<tr>
<td>difference</td>
<td>-0,9 -1,2 -1,1</td>
<td></td>
</tr>
</tbody>
</table>

Parents overrate child's happiness in all cardiac diagnostic groups
Findings on Happiness and HAPPINESS g: REPUTATION OF

Study

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

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

**Sample:**

**Non-Response:** 26% 
**N:** 1433

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

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>mr=+.53</td>
<td>O-DT asked twice: at the beginning of the interview: r=+.53 at the end of the interview: r=+.52</td>
</tr>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>r=+.57</td>
<td></td>
</tr>
<tr>
<td>Study</td>
<td>ANDRE 1976/4</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non-institutionalized, USA, 1973/3</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>26%</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>1433</td>
<td></td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class</th>
<th>Rating of happiness by interviewer, Code H8.2.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>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</td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-GBB/u/sq/c/9/a</td>
<td>r=+.45</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

Study | ANDRE 1976/4
---|---
Reported in: | Andrews, F.M.; Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Page in Report: 78

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

Sample: | 
Non-Response: | 26%
N: | 1433

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

Observed Relation with Happiness

Measured Happiness | Statistics Elaboration/Remarks
C-BW/cy/sq/l/9/a | r=+.45
### Study

**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 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

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>
| 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 |
### Study
**SCHAE 1963/2**

*Reported in:* Schaefer, E.S.; Bailey, N.  
Maternal Behavior, Child Behavior and Their Intercorrelation.  
Page in Report: 39

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

*Sample:*  
*Non-Response:*  
*N:* 19

### 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

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-Sum/g/rc/v/7/a</td>
<td>r=+.60</td>
<td>Overall happiness assessed in the same vein.</td>
</tr>
<tr>
<td></td>
<td><em>p&lt;.05</em></td>
<td>Sumscore of ratings on the adjectives:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- discontented</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- unhappy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- dissatisfied</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- complaining</td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

Study

NOELL 1997/22

Page in Report: 223

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 the following aspects:
- look
- mouth
- posture
- movements
- eyes
- elbow
- lips
- general cheerful appearance

Remarks: Allensbacher Ausdrücktest

Observed Relation with Happiness

Measured Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-CA/mh/ri/v/2/b</td>
<td>G =+.31</td>
<td>- total</td>
</tr>
<tr>
<td>A-CA/mh/ri/v/2/b</td>
<td>G =+.34</td>
<td>- look</td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

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 cheerful appearance).
Findings on Happiness and HAPPINESS g: REPUTATION OF

**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
Findings on Happiness and HAPPINESS g: REPUTATION OF

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

---

### Observed Relation with Happiness

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

Data reported in NOELL 1978 table 12
### 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

### 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).

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-CA/mh/ri/v/2/b</td>
<td>r=+.44</td>
<td>1. Look</td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

A-CA/mh/ri/v/2/b  r=+.34  2. Mouth

A-CA/mh/ri/v/2/b  r=+.47  3. Attitude

A-CA/mh/ri/v/2/b  r=+.43  4. Movements

A-CA/mh/ri/v/2/b  r=+.33  5. Eyes

A-CA/mh/ri/v/2/b  r=+.24  6. Elbows

A-CA/mh/ri/v/2/b  r=+.26  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

**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

**Observed Relation with Happiness**
### Measured Happiness

<table>
<thead>
<tr>
<th>Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ASA/cm/fi/n/9/a</td>
<td>r=+.65</td>
<td>patient – spouse</td>
</tr>
<tr>
<td>A-ASA/cm/fi/n/9/a</td>
<td>r=+.59</td>
<td>patient – nurse</td>
</tr>
<tr>
<td>A-ASA/cm rdf/n/9/a</td>
<td>r=+.45</td>
<td>spouse – nurse</td>
</tr>
</tbody>
</table>
### 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

### Measured Correlate

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

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

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%  
Spouce 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
<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ASA/cm/fi/n/9/a</td>
<td>r=+.65</td>
<td>patient - spouce</td>
</tr>
<tr>
<td>A-ASA/cm/fi/n/9/a</td>
<td>r=+.59</td>
<td>patient - nurse</td>
</tr>
<tr>
<td>A-ASA/cm/rdf/n/9/a</td>
<td>r=+.45</td>
<td>spouce - nurse</td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

Study

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

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
<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ASA/cm/fi/n/9/a</td>
<td>r=+.65</td>
<td>patient - spouce</td>
</tr>
<tr>
<td>A-ASA/cm/fi/n/9/a</td>
<td>r=+.59</td>
<td>patient - nurse</td>
</tr>
<tr>
<td>A-ASA/cm/rdf/n/9/a</td>
<td>r=+.45</td>
<td>spouce - nurse</td>
</tr>
</tbody>
</table>
Findings on Happiness and HAPPINESS g: REPUTATION OF

Study

HEADE 1982/1


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 surveys 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
Findings on Happiness and HAPPINESS g: REPUTATION OF

O-DT/u/sqt/v/9/a  r=+.33

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

ns
**Study**

- **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**

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ARE/md/sqr/v/10/ a</td>
<td>r=+.71</td>
<td>Hedonic level (Elation-Depression Scale) scored each night for the highest, lowest and average of the day.</td>
</tr>
</tbody>
</table>

Mean daily highest mood : r = +.44
Mean daily average mood : r = +.71
Mean daily lowest mood : r = +.63
<table>
<thead>
<tr>
<th>Study</th>
<th>WESEM 1966/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page in Report:</td>
<td>104</td>
</tr>
<tr>
<td>Population:</td>
<td>Male college students, followed 3 years, Harvard University, USA, 1957-60</td>
</tr>
<tr>
<td>Sample:</td>
<td>Non-probability chunk sample</td>
</tr>
<tr>
<td>Non-Response:</td>
<td>37%: 9 dropouts, incomplete; about the same happiness distribution.</td>
</tr>
<tr>
<td>N:</td>
<td>17</td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Rating of happiness by clinician, Code H8.2.6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Clinical rank on 'happy - unhappy life story', stressing auto-biographic reports and information for three years, concerning past life experiences up to the time of entering college.</td>
</tr>
<tr>
<td>Remarks:</td>
<td>Assessed 6 months after entering college</td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Measured Happiness</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ARE/md/sqr/v/10/a</td>
<td>r = +.48 p &lt; .05</td>
<td>Hedonic level (Elation-Depression Scale: AFF 3.1) scored each night for the highest, lowest and average of the day.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mean daily highest mood: r = +.42</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mean daily average mood: r = +.48</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mean daily lowest mood: r = +.34</td>
</tr>
</tbody>
</table>
### Appendix 1: Happiness Items used

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

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 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)
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)

Interviewer-rating of cheerfulness:

Altogether the respondent looks.....
2 quite cheerfull
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.
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)

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
Findings on Happiness and HAPPINESS g: REPUTATION OF

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
Findings on Happiness and HAPPINESS g: REPUTATION OF

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/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-DT/u/sqt/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
Findings on Happiness and HAPPINESS g: REPUTATION OF

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

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

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
</table>
| 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, Happiness: 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. |
| mr     | Mean correlation coefficient \((r)\).  
For \(r\), see PRODUCT-MOMENT CORRELATION |
| 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. |
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:

- Literature on happiness
  - Selection on Subject
    - Bibliography (1)
    - Directory (2)
  - Selection of Empirical studies
    - Happiness Queries (3)
    - Testbank

- Abstracting and classification
  - Distributional Findings
  - How happy people are
  - Happiness in Nations (4)
  - Happiness in Publics (5)

- Correlational Findings (6)
  - What goes with happiness


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.

Findings on Happiness and HAPPINESS g: REPUTATION OF

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.


Appendix 4 Further Findings in the World Database of Happiness

<table>
<thead>
<tr>
<th>Main Subjects</th>
<th>Subject Description</th>
<th>Number of Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>ACTIVITY LEVEL (how much one does)</td>
<td>58</td>
</tr>
<tr>
<td>A2</td>
<td>ACTIVITY PATTERN (what one does)</td>
<td>32</td>
</tr>
<tr>
<td>A3</td>
<td>AFFECTIVE LIFE</td>
<td>47</td>
</tr>
<tr>
<td>A4</td>
<td>AGE</td>
<td>398</td>
</tr>
<tr>
<td>A5</td>
<td>AGGRESSION</td>
<td>12</td>
</tr>
<tr>
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<td>HOUSEHOLD: COMPOSITION</td>
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<td>HOUSEHOLD: WORK</td>
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<td>LIFE APPRAISALS: OTHER THAN HAPPINESS</td>
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Findings on Happiness and HAPPINESS g: REPUTATION OF

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
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<td>Psycho-Somatic Complaints</td>
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<td>Self-Image</td>
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<td>Values b: Career</td>
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### Appendix 5: Related Subjects

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### A report of the World Database of Happiness, Correlational Findings