### Findings on Happiness & EXPRESSIVE BEHAVIOR

**Correlate Code: E 4**

#### Classification of Findings

<table>
<thead>
<tr>
<th>Correlate Code</th>
<th>Correlate Name</th>
<th>Number of Studies on this Subject</th>
</tr>
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<tbody>
<tr>
<td>E 4</td>
<td>EXPRESSIVE BEHAVIOR</td>
<td>0</td>
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<tr>
<td>E 4.1</td>
<td>Behavioral career</td>
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<tr>
<td>E 4.1.1</td>
<td>Earlier expressiveness</td>
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<td>E 4.1.2</td>
<td>Change in expressiveness</td>
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<td>E 4.1.4</td>
<td>Later expressiveness</td>
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<td>E 4.2</td>
<td>Current expressiveness</td>
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<td>E 4.2.2</td>
<td>Specific expressive behaviors</td>
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<td>E 4.2.2.1</td>
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<tr>
<td>E 4.2.2.3</td>
<td>. writing firmness</td>
<td>2</td>
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</table>

Appendix 1: Happiness queries 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 Topics

Cite as: Veenhoven, R.: Findings on Happiness & EXPRESSIVE BEHAVIOR

World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness

Erasmus University Rotterdam, 2003, Netherlands
Findings on Happiness & EXPRESSIVE BEHAVIOR  

VENTE 1997

Reported in: Ventegodt, S. 
Livskvalitet og omstændigheder tidligt I livet (The quality of Life and Factors in Pregnancy, Birth and Infancy) 
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

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

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Measured Correlate

Class: crying often Code: E 4.2.2.1

Measurement:

(1) the infant's crying, day 1
1a: no sound
1b: crying weakly
1c: crying normally
1d: strong screaming, sounds physiological
1e: strong screaming, sounds non-physiological

(2) the infant's crying, day 5
2a: no sound
2b: crying weakly
2c: crying normally
2d: strong screaming, sounds physiological
2e: strong screaming, sounds non-physiological

Measured Values:

N 1 all:4062, %:1a:16.8, 1b:18.5, 1c:51.7, 1d:12.0, 1e:1.0
N 2 all:3881, %:2a:37.9, 2b:15.2, 2c:40.0, 2d:6.7, 2e:0.2

Error Estimates:

Observed Relation with Happiness

Happiness Query Statistics Remarks

A-AOL/m/sq/v/5/a day 1 day 5
1a: Ms=7.73 2a: 7.76
2a: Ms=7.69 2b: 7.63
3a: Ms=7.69 2c: 7.73
4a: Ms=7.94 2d: 7.75
5a: Ms=7.83 2e: 8.34

O-HL/c/sq/v/5/h day 1 day 5
1a: Ms=6.94 2a: 7.08
1b: Ms=6.99 2b: 6.88
1c: Ms=6.99 2c: 7.03
1d: Ms=7.19 2d: 7.13
1e: Ms=6.99 2e: 7.23
Findings on Happiness & EXPRESSIVE BEHAVIOR

<table>
<thead>
<tr>
<th>O-SLu/c/sq/v/5/e</th>
<th>day 1</th>
<th>day 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a: Ms = 7.41</td>
<td>2a: 7.44</td>
<td></td>
</tr>
<tr>
<td>1b: Ms = 7.38</td>
<td>2b: 7.30</td>
<td></td>
</tr>
<tr>
<td>1c: Ms = 7.38</td>
<td>2c: 7.45</td>
<td></td>
</tr>
<tr>
<td>1d: Ms = 7.56</td>
<td>2d: 7.53</td>
<td></td>
</tr>
<tr>
<td>1e: Ms = 7.05</td>
<td>2e: 7.78</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EXPRESSIVE BEHAVIOR  

Study  
**VENTE 1997**

*Reported in:* Ventegodt, S.

Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)

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

*Sample:* Non-probability chunk sample

Non-Response: 36%

*N:* 4626

---

**Measured Correlate**

*Class:* crying often  Code: E 4.2.2.1

*Measurement:* time to the infant's first regular cry

1: immediately
2: under 1 minute
3: 1-2 minutes
4: 2-3 minutes
5: 3-5 minutes
6: 5-10 minutes
7: 10-15 minutes
8: over 15 minutes

*Measured Values:* N all: 4281, %:1:58.8, 2:32.8, 3:3.2, 4:2.1, 5:1.5, 6:1.1, 7:0.2, 8:0.2

*Error Estimates:*

Remarks:

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=-.01 ns</td>
<td>1: Mt=7.73</td>
</tr>
<tr>
<td></td>
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<td>2: Mt=7.75</td>
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<td></td>
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<td>3: Mt=7.63</td>
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<td></td>
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<td>4: Mt=7.78</td>
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<td></td>
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<td>5: Mt=7.76</td>
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<td></td>
<td></td>
<td>6: Mt=7.13</td>
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<tr>
<td></td>
<td></td>
<td>7: Mt=8.34</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8: Mt=7.81</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=-.20 ns</td>
<td>1: Mt=7.04</td>
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<td></td>
<td></td>
<td>2: Mt=7.00</td>
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<td></td>
<td></td>
<td>3: Mt=6.79</td>
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<td></td>
<td></td>
<td>4: Mt=6.99</td>
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<td></td>
<td></td>
<td>5: Mt=7.09</td>
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<td></td>
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<td>6: Mt=6.41</td>
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<td></td>
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<td>7: Mt=7.23</td>
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<tr>
<td></td>
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<td>8: Mt=7.19</td>
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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 4 of 26
<table>
<thead>
<tr>
<th></th>
<th>Mt</th>
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<tbody>
<tr>
<td>1</td>
<td>7.40</td>
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<td>2</td>
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<td>3</td>
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<td>7</td>
<td>7.78</td>
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<tr>
<td>8</td>
<td>7.50</td>
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</table>

O-SLu/c/sq/v/5/e $r = -0.01$ ns
Findings on Happiness & EXPRESSIVE BEHAVIOR  

**Study**  
**KAMMA 1983/2**  
*Reported in:* Kammann, R.; Flett, R.  
Sourcebook for Measuring Well-being with Affectometer 2.  
*Population:* 18+ aged, general public, Dunedin, New Zealand, 1983  
*Sample:*  
*Non-Response:* 52%  
*N:* 112

**Measured Correlate**  
*Class:* laughing often  
*Code:* E 4.2.2.2  
*Measurement:*  
Single direct question how one felt during the instructed time period (or otherwise in the past few weeks):  
"I smile and laugh a lot"  
Rated on a 5-point scale ranging from 'not at all' to 'all the time'  

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BK/cm/mq/v/5/a</td>
<td>r=.62</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>M-FH/c/sq/v/7/a</td>
<td>r=.46</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & EXPRESSIVE BEHAVIOR

**Study**

**NOELL 1977/7**

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

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

*Sample:*

*Non-Response:*

*N:* 2035

**Measured Correlate**

*Class:* laughing often  
*Code:* E 4.2.2.2

*Measurement:*
Single direct question:
How long ago have you really laughed?
3 yesterday;
2 in the past two weeks or
1 longer ago?

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-CA/mh/ri/v/2/a</td>
<td>G=+.30</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

Comparison categories of more and less cheerful looking subjects stratified by sex, age and occupation.
Findings on Happiness & EXPRESSIVE BEHAVIOR

Correlate Code: E 4

Study

SONDE 1975

Reported in: Sondermeijer, B.
Health correlates of happiness

Population: 40-60 aged male employees, Rotterdam, The Netherlands, 197?

Sample:

Non-Response: 5%

N: 13,000

Measured Correlate

Class: laughing often Code: E 4.2.2.2

Measurement: Single direct question:
0 No
1 Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

M-FH/g/sq/v/2/a G=+.52 p<.000
### Study

**SONDE 1975**

**Reported in:** Sondermeijer, B.
Health correlates of happiness

**Population:** 40-60 aged male employees, Rotterdam, The Netherlands, 197?

**Sample:**

**Non-Response:** 5%

**N:** 13,000

### Measured Correlate

**Class:** laughing often  
Code: E 4.2.2.2

**Measurement:** Single direct question:
0 No
1 Yes

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>M-FH/g/sq/v/2/a</td>
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<td>p&lt;.000</td>
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<td>G=+.52</td>
<td>p&lt;.000</td>
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Findings on Happiness & EXPRESSIVE BEHAVIOR  
Correlate Code: E 4

<table>
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<th>Study</th>
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<td>Ventegodt, S.</td>
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<tr>
<td>Livskvalitet og omstændigheder tidligt I livet (The quality of Life and Factors in Pregnancy, Birth and Infancy)</td>
<td>Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130</td>
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<tr>
<td>Population:</td>
<td>31-33 aged, born at the university hospital, Denmark, 1993</td>
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<tr>
<td>Sample:</td>
<td>Non-probability chunk sample</td>
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<tr>
<td>Non-Response:</td>
<td>36%</td>
</tr>
<tr>
<td>N:</td>
<td>4626</td>
</tr>
</tbody>
</table>

Measured Correlate

Class: laughing often  
Code: E 4.2.2.2

Measurement: age when the child first smiles
1: 1-2 weeks
2: 3-4 weeks
3: 5-6 weeks
4: 7-8 weeks
5: 3-4 months
6: later than 4 months

Measured Values: N all: 3059, %:1:2,3, 2:18,8, 3:34,5, 4:31,8, 5:11,9, 6:0,7

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
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<th>Happiness Query</th>
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<tr>
<td></td>
<td></td>
<td>2: M = 7.61</td>
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<tr>
<td></td>
<td></td>
<td>3: M = 7.33</td>
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<tr>
<td></td>
<td></td>
<td>4: M = 7.29</td>
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<td></td>
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<td>5: M = 7.91</td>
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<td></td>
<td>6: M = 8.58</td>
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<td>O-HL/c/sq/v/5/h</td>
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<td>5: M = 7.59</td>
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<td>6: M = 7.74</td>
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</table>

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
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### Study

**YOUNG 1937/1**

**Reported in:** Young, P.T.
Laughing and weeping, cheerfulness and depression: A study of moods among college students, psychology course, USA, 1934-35

**Population:** College students, psychology course, USA, 1934-35

**Sample:**

**Non-Response:** -

**N:** 180

### Measured Correlate

**Class:** Laughing often  
Code: E 4.2.2.2

**Measurement:** Repeated open-ended question on number of occasions one laughed during the past 24 hours; scored twice with an interval of 16 days.

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**  
Statistics  
Remarks

A-ARE/md/sqr/v/7/a  
r = +.28
**Study**  
LUDWI 1971

Reported in: Ludwig, L.D.
Elation-Depression and skill as determinants of desire for excitement.
Unpublished doctoral dissertation, 1971, University of Wisconsin, USA.

Population: Female students, undergraduates, University of Wisconsin, USA, 197?

Sample:
Non-Response: 81%; 61% refusal, 5% eliminated on basis of screening data, 15% miscellaneous re

N: 72

**Measured Correlate**

Class: writing firmness  Code: E 4.2.2.3

Measurement: S's signature.

Measured Values:
Error Estimates:

Remarks:

**Observed Relation with Happiness**

Happiness Query  Statistics  Remarks
A-AOL/u/mq/v/10/a  r=-.12  ns
Findings on Happiness & EXPRESSIVE BEHAVIOR

**Study**

**NOELL 1977/3**

*Reported in:* Noelle Neumann, E. Politik und Glück (Politics and Happiness)

H. Baier (ed.) Freiheit und Sachzwang, Westdeutscher Verlag, Opladen, 1977, 208 - 262

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

*Sample:* 

*Non-Response:* 1041

---

**Measured Correlate**

*Class:* writing firmness  Code: E 4.2.2.3

*Measurement:* Single direct question: When did you last really burst out laughing heartily?

1. or is that sometimes ago

2. in the last two weeks

3. yesterday

*Measured Values:* 

*Error Estimates:* 

*Remarks:* reported in NOELL 1978 table 14

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**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
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<td>reported in NOELL 1978 table 14</td>
</tr>
<tr>
<td></td>
<td>tb=.20 p&lt;.01</td>
<td></td>
</tr>
</tbody>
</table>
Appendix 1

Queries on Happiness used in reported Studies

Happiness Query Code

Full Text

A-AOL/m/sq/v/5/a
Single direct question:
'How are you feeling now....?'
5 very good
4 good
3 neither good nor poor
2 poor
1 very poor

Original text in Danish:
'Hvordan har du det for tiden?
5 meget godt
4 godt
3 hverken godt eller darligt
2 dårligt
1 meget dårligt

A-AOL/u/mq/v/10/a
Selfreport on 4 questions:

"The following are statements of feelings or mood. Please read them over and then indicate which of these overall feelings best describes your feelings."
A) Right now you feel ........
B) The best you felt today ....
C) The worst you felt today ...
D) The way you usually feel ...

Response options:
10. Complete elations, rapturous joy, and soaring ecstatic.
9. Very elated and in very high spirits; tremendous delight and buoyancy.
8. Elated and in high spirits.
7. Feeling very good and cheerful.
6. Feeling pretty good, "OK".
4. Spirits low and somewhat blue.
3. Depressed and feeling very low. Definitely blue.
2. Tremendously depressed. Feeling terrible, really miserable, "just awful".
1. Utter depression and gloom. Completely down. All is black and leaden. Wish it were all over.

Summation: average scores on A,B,C,D.

Name: Elation-Depression Scale (variant)

A-ARE/md/sqr/v/7/a
Selfreport on single question, asked twice with an interval of 16 days.

"Consider your experience during the past 24 hours, being as objective and matter-of-fact as possible. Estimate honestly the prevailing or dominant level of your mood, and put a cross through the term which most accurately describes
Findings on Happiness & EXPRESSIVE BEHAVIOR

Correlate Code: E 4

your prevailing feeling”.
7 highly elated
6 moderately cheerfull
5 mildly cheerfull
4 indifferent
3 wildly depressed
2 moderately depressed
1 extremely gloomy

Summation: Average of 32 scores.

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 critized 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)

Selfreport on 40 questions:

"Over this time period (the last few weeks) I have had the feeling described by”:
A My life is on the right track
B I seem to be left alone when I don't want to be
C I feel I can do whatever I want to
D I think clearly and creatively
E I feel like a failure
F Nothing seems very much fun any more
G I like myself
H I can't be bothered doing anything
I I feel close to people around me
J I feel as though the best years of my life are over
Findings on Happiness & EXPRESSIVE BEHAVIOR

K My future looks good
L I have lost interest in other people and don't care about them
M I have energy to spare
N I smile and laugh a lot
O I wish I could change some parts of my life
P My thoughts go around in useless circles
Q I can handle any problems that come up
R My life seems stuck in a rut
S I feel loved and trusted
T I feel there must be something wrong with me

"Over this period (the last few weeks), "how often you felt..."
U Satisfied
V Lonely
W Free-and-easy
X Clear-headed
Y Helpless
Z Impatient
AA Usefull
AB Depressed
AC Loving
AD Hopeless
AE Optimistic
AF Withdrawn
AG Enthusiastic
AH Good-natured
AI Discontented
AJ Confused
AK Confident
AL Tense
AM Understood
AN Insignificant

Answer options;
0 not at all
1 occasionally
2 some of the time
3 often
4 all the time

Summation:
- Positive Affect score (PAS): mean positive items
- Negative Affect Score (NAS): mean negative items
- Affect balance score (ABS): PAS minus NAS
Possible range: -4 to +4

A-CA/mh/ri/v/2/a 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 elbowes 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, pend up
  - impossible to say
H All in all the subject looks
  2) quite cheerfull
  1) not very cheerfull
  - difficult to say

Scoring: sum of aspect ratings

Name: `Allensbacher Ausdruckstest'

Original text in German:
A Der Blick ist-
  2) frei
  1) eher ausweichend
  - unmöglich zu sagen
B Die Mundwinkel weisen -
  2) nach oben
  1) nach unten
  - unmöglich zu sagen
C Die Haltung ist -
  2) locker, gelöst
  1) eher steif
  - unmöglich zu sagen
D Die Bewegungen sind -
  2) locker, gelöst
  1) sparsam, zurückhaltend
  - unmöglich zu sagen
E Die Augen sind eher -
Findings on Happiness & EXPRESSIVE BEHAVIOR Correlate Code: E 4

2) grosz, offen
1) klein, verengt
- unmöglich zu sagen

F Die Elbogen werden gehalten -
2) nicht so eng am Körper
1) eng am Körper
- unmöglich zu sagen

G Die Lippen sind eher -
2) breit, voll
1) schmal, verpreszt
- unmöglich zu sagen

H Die Beobachte sieht insgesamt
2) ganz frohlich aus
1) nicht so frohlich aus
- schwer zu sagen

M-FH/c/sq/v/7/a Selfreport on single question:

"Taking all things together, how would you say you have been this period? Check the frase that best describes how you have felt."
7 very happy
6 happy
5 somewhat happy
4 mixed (about equally happy and unhappy)
3 somewhat unhappy
2 unhappy
1 very unhappy

M-FH/g/sq/v/2/a Selfreport on single question:

"Are you generally satisfied?"
2 yes
1 no

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

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

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

O-SLu/c/sq/v/5/e Selfreport on single question:

'How satisfied are you with your life now?'
5 very satisfied
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<td>dissatisfied</td>
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<td>1</td>
<td>very dissatisfied</td>
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Original text in Danish:
‘Hvor tilfreds er du med dit liv for tiden?’
5  meget tilfreds
4  tilfreds
3  hverken tilfreds eller utilfreds
2  utilfreds
1  meget utilfreds

On the web you will find an overview of valid queries on happiness and an explanation of the classification used. Go to: www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm. This is the introductory text to the Catalog of Happiness Queries.
## Appendix 2 Statistics used in reported studies

<table>
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<tr>
<th>Symbol</th>
<th>Explanation</th>
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</table>
| 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. |
| 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. |
| tb     | KENDALL'S RANK CORRELATION COEFFICIENT TAU-B  
Type: test statistic  
Measurement level: Correlate: ordinal, Happiness: ordinal  
Range: [-1; +1]  
Meaning:  
tb = 0 « no rank correlation  
tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.  
tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings. |

On the web you will find a text explaining the statistics used in more detail. Go to:  
www.eur.nl/fsw/research/happiness/hap_cor/cor_fp.htm. This is the introductory text to the Catalog of Correlational Findings. An overview of all statistics is in chapter 4.
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)**
  - **Happiness Queries (3)**
  - **Testbank**
  - **Abstracting**
  - **Distributional Findings**
  - How happy people are
  - o Happiness in Nations (4)
  - o Happiness in Publics (6)
  - **Correlational Findings**
  - 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 QUERIES** (testbank) Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.
5. **CATALOG OF HAPPINESS IN PUBLICS** Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.
### Appendix 4  
**Further Findings in the World Database of Happiness**

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness
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Appendix 5  Related Topics

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E 4  EXPRESSIVE BEHAVIOR
E 4.1  Behavioral career
E 4.1.1  Earlier expressiveness
        P 1.2.76  Earlier openness
        P 1.2.57  Earlier inhibition
        P 1.2.101  Earlier self-disclosing
E 4.1.2  Change in expressiveness
E 4.1.4  Later expressiveness
        P 5.2.76  Later openness
        P 5.2.101  Later self-disclosure
E 4.2  Current expressiveness
E 4.2.2  Specific expressive behaviors
E 4.2.2.1  . crying often
        G 2  GRIEF
        HUMOR
E 4.2.2.2  . laughing often
E 4.2.2.3  . writing firmness
        P 4.44  Fortuitous
        P 4.117  Vigorous

End of Report