# Findings on Happiness & CHILDREN: REARING (parental behavior)

Correlate Code: C 6

<table>
<thead>
<tr>
<th>Classification of Findings</th>
<th>Number of Studies on this Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Correlate Code</td>
<td>Correlate Name</td>
</tr>
<tr>
<td>C 6</td>
<td>CHILDREN: REARING (parental behavior)</td>
</tr>
<tr>
<td>C 6.1</td>
<td>Parental behavior career</td>
</tr>
<tr>
<td>C 6.1.1</td>
<td>Earlier parental behavior</td>
</tr>
<tr>
<td>C 6.1.2</td>
<td>Change in parental behavior</td>
</tr>
<tr>
<td>C 6.1.4</td>
<td>Later parental behavior</td>
</tr>
<tr>
<td>C 6.2</td>
<td>Current parental behavior</td>
</tr>
<tr>
<td>C 6.2.1</td>
<td>Rearing style</td>
</tr>
<tr>
<td>C 6.2.2</td>
<td>Time spend with children</td>
</tr>
<tr>
<td>C 6.2.2.1</td>
<td>. involvement in child-care</td>
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<tr>
<td>C 6.2.2.2</td>
<td>. shared activities with children</td>
</tr>
<tr>
<td>C 6.3</td>
<td>Attitudes to parenting</td>
</tr>
<tr>
<td>C 6.3.1</td>
<td>Concerns about parenthood</td>
</tr>
<tr>
<td>C 6.3.2</td>
<td>Evaluation of oneself as a parent</td>
</tr>
<tr>
<td>C 6.3.3</td>
<td>Satisfaction with parenting</td>
</tr>
</tbody>
</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 & CHILDREN: REARING (parental behavior)
World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness
Erasmus University Rotterdam, 2003, Netherlands
Findings on Happiness & CHILDREN: REARING (parental behavior) Correlate Code: C 6

Study HERZO 1982/3  
Reported in: Herzog, A.R., Rodgers, W.L. and Woodworth, J.  
Subjective Well-being among different age-groups.  
Research Report, Institute for Social Research, Survey Research Center, Univ. of Michigan, 1982, Ann Arbor, USA  
Population: 50+ aged, general public, USA, 1975  
Sample:  
Non-Response:  
N: 410

Measured Correlate
Class: involvement in child-care Code: C 6.2.2.1  
Measurement: During 24-hour period prior to the interview, respondents reported each activity they engaged in (PARTICIPATION) and the time spent on each activity (DURATION) on an activity diary. Activities were coded into categories, one of which was "child care". Work status was measured by self-labeling by respondents and a question about engagement in work for pay at present. Self-labeled housewives were excluded.

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>O-DT/u/sq/v7/a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>r=−.12 ns</td>
<td>PARTICIPATION: working males</td>
<td></td>
</tr>
<tr>
<td>r=−.19 ns</td>
<td>retired males</td>
<td></td>
</tr>
<tr>
<td>r=+.12 ns</td>
<td>working females</td>
<td></td>
</tr>
<tr>
<td>r=+.01 ns</td>
<td>retired females</td>
<td></td>
</tr>
<tr>
<td>Beta=−.1 ns</td>
<td>working males</td>
<td></td>
</tr>
<tr>
<td>Beta=+.0 ns</td>
<td>retired males</td>
<td></td>
</tr>
<tr>
<td>Beta=+.1 ns</td>
<td>working females</td>
<td></td>
</tr>
<tr>
<td>Beta=+.0 ns</td>
<td>retired females</td>
<td></td>
</tr>
<tr>
<td>r=−.09 ns</td>
<td>DURATION: working males</td>
<td></td>
</tr>
<tr>
<td>r=−.21 ns</td>
<td>retired males</td>
<td></td>
</tr>
<tr>
<td>r=−.03 ns</td>
<td>working females</td>
<td></td>
</tr>
</tbody>
</table>

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Findings on Happiness & CHILDREN: REARING (parental behavior)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>retired females</td>
<td>r=-.12</td>
<td>ns</td>
</tr>
<tr>
<td>working males</td>
<td>Beta=-.1</td>
<td>ns</td>
</tr>
<tr>
<td>retired males</td>
<td>Beta=-.2</td>
<td>ns</td>
</tr>
<tr>
<td>working females</td>
<td>Beta=+.0</td>
<td>ns</td>
</tr>
<tr>
<td>retired females</td>
<td>Beta=-.0</td>
<td>ns</td>
</tr>
</tbody>
</table>

ß controlled for self-reported health, income and age. Relations with 'participation' also controlled for 'duration' and relations with 'duration' also for participation.
Findings on Happiness & CHILDREN: REARING (parental behavior)  
Correlate Code: C 6

Study: BERKM 1971

Reported in: Berkman, P.L.

Population: Adult, general public, non-institutionalized, USA, Alameda County, USA, 1965

Sample: Non-Response:

N: 6928

Measured Correlate

Class: Concerns about parenthood Code: C 6.3.1

Measurement: Index containing:
- closed question: Some people say that children give their parents more trouble than pleasure (yes/no)
- and a 13-item inventory of parental problems (yes/no for each problem).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/u/mq/v/3/a DMr= Married subjects only (N=2534)
The average ridits (AR) were calculated with the distribution of the total sample as reference (N=6928).
### Study

**BRADB 1965/1**  

*Reported in:* Bradburn, N.M. & Caplovitz D.  
Reports on happiness  
Aldine Publishing Company, 1965, Chicago USA  

*Population:* Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962  

*Sample:*  

*Non-Response:* -  

*N:* 2006  

---

### Measured Correlate

*Class:* Concerns about parenthood  
Code: C 6.3.1  

*Measurement:* Closed question: not at all / sometimes / often during the week  

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | G = + p<. | Unaffected by S.E.S.  
High S.E.S.: G' = +.06 (ns)  
Low S.E.S.: G' = +.02 (ns) |
Findings on Happiness & CHILDREN: REARING (parental behavior)  

**Study**  
*KAINU 1998*  
*Reported in:* Kainulainen, Sakari  
Elämäntapahtumat ja elämään tyytyväisyys eri sosiaaliluokissa, (Life Events and Satisfaction with Life in Different Social Classes; in Finnish)  
Kuopio University Publications (E Social Sciences 62),  
Kuopio ,Finland .  
ISBN 951-781-821-1  
*Population:* 18+ aged, general public, non-institutionalized, former province Kuopio, Finland,  
1991-96.  
*Sample:* Probability sample (unspecified)  
*Non-Response:* not rep  
*N:* 2682  

**Measured Correlate**  
*Class:* Concerns about parenthood  
Code: C 6.3.1  
*Measurement:* Have you experienced upbringing problems with your own children  
(a) during the last year?  
(b) ever in your life?  
Answers: No (=0) or Yes (=1).  

**Measured Values:**  
Never: N = 2097  
Ever in your life: N = 334.  

**Error Estimates:**  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/c/sq/v/5/g</td>
<td>r= -0.05</td>
<td>experienced during the last year</td>
</tr>
<tr>
<td></td>
<td>r= -0.06</td>
<td>experienced ever in your life</td>
</tr>
<tr>
<td></td>
<td>DM=-</td>
<td>never: M = 3.88</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ever in your life: M = 3.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>95% CI for difference: [0.06; 0.26]</td>
</tr>
</tbody>
</table>

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World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)  
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<table>
<thead>
<tr>
<th>Study</th>
<th>VEROF 1962</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Veroff, J., Feld, S. &amp; Gurin, G.</td>
</tr>
<tr>
<td>Dimensions of subjective adjustment.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>21+ aged, married, with children, USA, 1957</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>-</td>
</tr>
<tr>
<td>N:</td>
<td>797</td>
</tr>
</tbody>
</table>

**Measured Correlate**

- **Class:** Concerns about parenthood  Code: C 6.3.1
- **Measurement:** Open-ended question on main problems: never had problems vs mentions problems.

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/u/sq/v/3/a | tb= - | Males : \( b = -0.20 \) (01)  
Females : \( b = 0.05 \) (ns) |
### Study

**VEROFE 1962**

*Reported in:* Veroff, J., Feld, S. & Gurin, G.
Dimensions of subjective adjustment.

*Population:* 21+ aged, married, with children, USA, 1957

*Sample:
*Non-Response:* -
*N:* 797

### Measured Correlate

*Class:* Evaluation of oneself as a parent  Code: C 6.3.2

*Measurement:* Closed question on frequency of these feelings: "Never / once in a while / a lot of times."

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/3/a</td>
<td>( b = - )</td>
<td>Males: ( b = -.08 (05) ) Females: ( b = -.03 (ns) )</td>
</tr>
</tbody>
</table>
Study: VEROF 1962

Reported in: Veroff, J., Feld, S. & Gurin, G.
Dimensions of subjective adjustment.

Population: 21+ aged, married, with children, USA, 1957

Sample:
Non-Response: -
N: 797

Measured Correlate

Class: Evaluation of oneself as a parent Code: C 6.3.2
Measurement: Question on how one would like his children to be different from oneself: does not want children to be different vs wants child to be different.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query: O-HL/u/sq/v/3/a

Statistics: tb= -

Remarks: Males : \[ b = -0.10 \ (05) \]
Females : \[ b = -0.00 \ (ns) \]
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Study  SHICH 1984  Page in Report: 234

**Reported in:** Shichman, S.; Cooper, E.  
Life Satisfaction and Sex-Role Concept  
Sex Roles, Vol 11, 1984, p.227-240

**Population:** Adults, students and churchmembers,  
USA, 198?

**Sample:**

**Non-Response:** 5.9 %  
**N:** 217

---

**Measured Correlate**

**Class:** Satisfaction with parenting  
**Code:** C 6.3.3

**Measurement:** Single direct questions on both satisfaction and dissatisfaction with parenting.

**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>O-SLu/u/sq/v/4/a</td>
<td>r=+.23</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

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Study  
**VENTE 1995**  
*Page in Report: 310*

**Reported in:**  
Ventegodt, S.  
Livskvalitet i Danmark. (Quality of Life in Denmark)  
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark,  
ISBN 8790190017

**Population:**  
18-88 aged, general public, Denmark, 1993

**Sample:**  
Non-probability purposive sample (unspecified)

**Non-Response:**  
39%

**N:**  
1494

**Measured Correlate**

**Class:**  
Satisfaction with parenting  
**Code:** C 6.3.3

**Measurement:**

*Single question:*

"How satisfied are you with your present situation regarding children?"

1: very dissatisfied  
2: dissatisfied  
3: neither/nor  
4: satisfied  
5: very satisfied

**Measured Values:**

<table>
<thead>
<tr>
<th>Class</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/m/sq/v/5/a | r=+.15 p<.00 | 1: Mt = 6.59  
2: Mt = 7.50  
3: Mt = 7.46  
4: Mt = 7.48  
5: Mt = 8.13  
All Mt = 7.78 |
| O-HL/c/sq/v/5/h | r=+.22 p<.00 | 1: Mt = 6.03  
2: Mt = 6.11  
3: Mt = 6.29  
4: Mt = 6.71  
5: Mt = 7.36  
All Mt = 6.95 |

**Observed Relation with Happiness**

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Correlate Code: C 6

O-SLu/c/sq/v/5/e  r=+.20  p<.00
1: Mt = 5.80
2: Mt = 7.04
3: Mt = 6.95
4: Mt = 7.16
5: Mt = 7.88
All Mt = 7.46
Study: VENTE 1996

Reported in: Ventegodt, S.
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)
Forskningscenter for Livskvalitet,
Forskningscentrets Forlag, København 1996,
ISBN 8790190068

Population: Persons born at the University Hospital in Copenhagen 1959-1961

Sample: Non-probability purposive sample (unspecified)

Non-Response: 39%

N: 4500

Measured Correlate

Class: Satisfaction with parenting  Code: C 6.3.3

Measurement:

Single question: "How are your current relations with your parents?"
1: very bad
2: bad
3: neither/nor
4: good
5: very good

Measured Values: N: All:4448; %: 1:2,9; 2:8,4; 3:21,2; 4:36,2; 5:31,2

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/v5/a</td>
<td>r = +.19</td>
<td>p &lt; .00</td>
</tr>
<tr>
<td></td>
<td>1: M = 7.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: M = 7.04</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: M = 7.36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4: M = 7.74</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5: M = 8.28</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v5/h</td>
<td>r = +.19</td>
<td>p &lt; .00</td>
</tr>
<tr>
<td></td>
<td>1: M = 6.26</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: M = 6.45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: M = 6.66</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4: M = 6.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5: M = 7.56</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/v5/e</td>
<td>r = +.21</td>
<td>p &lt; .00</td>
</tr>
<tr>
<td></td>
<td>1: M = 6.51</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: M = 6.63</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: M = 7.01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4: M = 7.43</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5: M = 8.00</td>
<td></td>
</tr>
</tbody>
</table>
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Correlate Code: C 6

**Study**

**VENTE 1996**

*Reported in:*

Ventegodt, S.
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)
Forskningscenter for Livskvalitet,
Forskningscentrets Forlag, København 1996,
ISBN 8790190068

*Population:*

Persons born at the University Hospital in Copenhagen 1959-1961

*Sample:*

Non-probability purposive sample (unspecified)

*Non-Response:*

39%

*N:*

4500

**Measured Correlate**

*Class:*

Satisfaction with parenting  Code: C 6.3.3

*Measurement:*

Single question: "How satisfied are you with your present situation regarding children?"
1: very dissatisfied
2: dissatisfied
3: neither/nor
4: satisfied
5: very satisfied

*Measured Values:*

N All:4556; %:1:4,3; 2:6,3; 3:11,5; 4:24,5; 5:53,4

*Error Estimates:*

Observed Relation with Happiness

<table>
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</table>
| A-AOL/m/sq/v/5/a | r=+.17  p<.00 | 1: Mt=7.28  
2: Mt=6.94  
3: Mt=7.28  
4: Mt=7.46  
5: Mt=8.09 |
| O-SLu/c/sq/v/5/e | r=+.21  p<.00 | 1: Mt=6.71  
2: Mt=6.40  
3: Mt=6.83  
4: Mt=7.06  
5: Mt=7.88 |
|                  | r=+.25  p<.00 | 1: Mt=6.08  
2: Mt=6.18  
3: Mt=6.34  
4: Mt=6.64  
5: Mt=7.50 |

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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-BB/u/mq/v/3/a  Selfreport on 8 questions:

"Here is a list that describes some of the ways people feel at different times. How often do you feel each of these ways?"

A  Very lonely or remote from other people
B  Depressed or very unhappy
C  Bored
D  So restless you couldn't sit long in a chair
E  Vaguely uneasy about something without knowing why
F  On top of the world
G  Particularly excited or interested in something
H  Pleased about having accomplished something

Answer options:

0  never
1  sometimes
2  often

Summation:

Positive Affect Score (PAS): summed scores on F, G, H
Negative Affect Score (NAS): summed scores on A, B, C, D, E
Affect Balance Score (ABS): PAS minus NAS

Possible range  -10 to +6 (transformed to ridits (0 - 1))

Name: Bradburn's `Affect Balance Scale' (modified version)

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
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- 5 mostly satisfied
- 4 mixed
- 3 mostly dissatisfied
- 2 unhappy
- 1 terrible

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

O-HL/c/sq/v/3/aa Selfreport on single question:

'Taken all together, how would you say things are these days? Would you say that you are....?'
- 3 very happy
- 2 pretty happy
- 1 not too happy

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

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

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

O-HL/u/sq/v/3/a Selfreport on single question:

"Taking all together: how happy would you say you are? Would you say you are.....?"
- 3 very happy
- 2 pretty happy
- 1 not too happy

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

'How satisfied are you with your life now?'
- 5 very satisfied
- 2 satisfied
- 3 neither satisfied nor dissatisfied
- 2 dissatisfied
- 1 very dissatisfied

Original text in Danish:
'Hvor tilfreds er du med dit liv for tiden?'
- 5 meget tilfreds
- 4 tilfreds
- 3 hverken tilfreds eller utilfreds
Findings on Happiness & CHILDREN: REARING (parental behavior)

2 utilfreds  
1 meget utilfreds

O-SLu/c/sq/v/5/g Self report on single question:

'How satisfying do you find your life at the moment.....?'
1 very dissatisfying  
2 quite dissatisfying  
3 not satisfying not dissatisfying  
4 quite satisfying  
5 very satisfying

In Finnish: 'Kuinka tyydyttäväksi koet elämäsi tällä hetkellä ?'

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

"Overall, how satisfied are you with your life.....?"
4 very satisfied  
3 satisfied  
2 dissatisfied  
1 very dissatisfied.

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 introductary text to the Catalog of Happiness Queries.
## Appendix 2  Statistics used in reported studies

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
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</table>
| **Beta** | (B) STANDARDIZED REGRESSION COEFFICIENT  
Type: test statistic.  
Measurement level: Correlates: all metric, Happiness: metric.  
Range: [-1; +1]  
Meaning:  
\( \beta > 0 \) « a higher correlate level corresponds with, on an average, higher happiness rating.  
\( \beta < 0 \) « a higher correlate level corresponds with, on an average, lower happiness rating.  
\( \beta = 0 \) « no correlation.  
\( \beta = +1 \) or \(-1\) « perfect correlation. |
| **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. |
| **DMr** | DIFFERENCE IN MEAN RIDITS  
Type: test statistic  
Measurement level: Happiness ordinal  
Range: [0; +1]  
Meaning:  
\( Mr < .50 \): average happiness in this subgroup lower than in the larger population  
\( Mr = .50 \): average happiness in this subgroup the same as in the larger population  
\( Mr > .50 \): average happiness in this subgroup higher than in the larger population  
‘Ridit analysis’ compares the distribution of happiness scores in subgroups to its distribution in the entire sample (“Relative to an Identified Distribution”)  
Testing for significance can be performed through a “BROSS Confidence Interval” (BCI). If all values the BCI for a subgroup are above/below 0.500, the subgroup is significantly more/less happy than the larger population. |
| **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. |
<table>
<thead>
<tr>
<th>Correlate</th>
<th>Type</th>
<th>Measurement level</th>
<th>Range</th>
<th>Meaning</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>( r )</td>
<td>PRODUCT-MOMENT CORRELATION COEFFICIENT</td>
<td>Correlate: metric, Happiness: metric</td>
<td>([-1; +1])</td>
<td>( 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.</td>
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<tr>
<td>( t_\beta )</td>
<td>KENDALL'S RANK CORRELATION COEFFICIENT TAU-B</td>
<td>Correlate: ordinal, Happiness: ordinal</td>
<td>([-1; +1])</td>
<td>( t_\beta = 0 ) « no rank correlation ( t_\beta = 1 ) « perfect rank correlation, where high values of the correlate correspond with high happiness ratings. ( t_\beta = -1 ) « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.</td>
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</tr>
</tbody>
</table>

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](http://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)

Selection of Empirical studies
Selection on valid measurement

Happiness Queries (3)
Testbank

Abstracting and classification of findings

Distributional Findings
How happy people are

Correlational Findings
What goes with happiness

o Happiness in Nations (4)
o Happiness in Publics (6)

1 BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 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 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.

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: 1889 surveys in 112 nations, 1946-2000.

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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## Appendix 5  Related Topics

### Classification Page 1

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<td>Attitudes to characteristics of one's children</td>
</tr>
<tr>
<td>C 3.3</td>
<td>Attitude to having children</td>
</tr>
<tr>
<td>S 2</td>
<td>SELF-IMAGE</td>
</tr>
</tbody>
</table>

### Related Topics

*In Subject List on Appendix 4*

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**End of Report**