# Findings on Happiness & FAMILY OF PROCREATION

**Correlate Code: F 2**

<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>F 2</td>
<td>FAMILY OF PROCREATION</td>
</tr>
<tr>
<td>F 2.1</td>
<td>Family career (family life-cycle)</td>
</tr>
<tr>
<td>F 2.2</td>
<td>Family climate</td>
</tr>
<tr>
<td>F 2.2.1</td>
<td>Earlier family-climate</td>
</tr>
<tr>
<td>F 2.2.2</td>
<td>Change in family-climate</td>
</tr>
<tr>
<td>F 2.2.3</td>
<td>Current climate</td>
</tr>
<tr>
<td>F 2.2.4</td>
<td>Later family climate</td>
</tr>
<tr>
<td>F 2.4</td>
<td>Characteristics of family members</td>
</tr>
<tr>
<td>F 2.5</td>
<td>Hardship in family of procreation</td>
</tr>
<tr>
<td>F 2.6</td>
<td>Working mother</td>
</tr>
<tr>
<td>F 2.6.1</td>
<td>Oneself-mother: works or not</td>
</tr>
<tr>
<td>F 2.6.2</td>
<td>Spouse-mother: works or not</td>
</tr>
<tr>
<td>F 2.7</td>
<td>Attitudes to family of procreation</td>
</tr>
<tr>
<td>F 2.7.1</td>
<td>Concern about family</td>
</tr>
<tr>
<td>F 2.7.2</td>
<td>Satisfaction with family</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 & FAMILY OF PROCREATION
World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness
Erasmus University Rotterdam, 2003, Netherlands
Findings on Happiness & FAMILY OF PROCREATION

Correlate Code: F 2

Study: ANDRE 1976/1

Reported in: Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976. New York, USA

Population: 18+ aged, general public, non-institutionalized, USA, 1972/75

Sample:
Non-Response: 24%
N: 1297

Measured Correlate

Class: Family career (family life-cycle) Code: F 2.1

Measurement:
1. Unmarried, under forty-five years of age, no children at home
2. Married, under forty-five years of age, no children at home
3. Married, any age, youngest child under five years of age
4. Married, any age, youngest child five-fourteen years old
5. Married, any age, youngest child fifteen-seventeen years old
6. Married, forty-five years of age or older, no children at home
7. Unmarried, forty-five years of age or older, no children at home
8. Unmarried, of any age, children of any age

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/sqrt/v/7/a</td>
<td>E²=+.20</td>
<td>1. M=5.2 Mt' =7.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. M=5.7 Mt' =7.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. M=5.7 Mt' =7.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. M=5.5 Mt' =7.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. M=5.5 Mt' =7.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6. M=5.5 Mt' =7.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7. M=5.3 Mt' =7.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8. M=5.1 Mt' =6.8</td>
</tr>
</tbody>
</table>

Findings on Happiness & FAMILY OF PROCREATION

Correlate Code: F 2

\[ \text{Beta} = +.1 \quad \text{controlled for sociodemographic variables (age, family income, education, race, sex)} \]

\[ \text{Beta} = +.1 \quad \text{controlled for sociodemographic variables and 12 domain satisfactions} \]
### Study

**ANDRE 1976/3**

*Reported in:* Andrews, F.M. & Withey, S.B.  
*Social Indicators of Well-being: Americans' Perceptions of Life Quality*  
*Plenum Press, 1976, New York, USA*

*Population:* 18+ aged, general public, non institutionalized, USA, 1972/11

*Sample:*  
Non-Response: 38%  
N: 1072

### Measured Correlate

*Class:* Family career (family life-cycle)  
*Code:* F 2.1

*Measurement:*  
1. Unmarried, under forty-five years of age, no children at home  
2. Married, under forty-five years of age, no children at home  
3. Married, any age, youngest child under five years of age  
4. Married, any age, youngest child five-fourteen years old  
5. Married, any age, youngest child fifteen-seventeen years old  
6. Married, forty-five years of age or older, no children at home  
7. Unmarried, forty-five years of age or older, no children at home  
8. Unmarried, any age, children of any age

*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/sqt/v/7/a</td>
<td>DM=+</td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>M=5.1</td>
<td>Mt' =6.8</td>
</tr>
<tr>
<td>2.</td>
<td>M=5.5</td>
<td>Mt' =7.5</td>
</tr>
<tr>
<td>3.</td>
<td>M=5.4</td>
<td>Mt' =7.3</td>
</tr>
<tr>
<td>4.</td>
<td>M=5.5</td>
<td>Mt' =7.5</td>
</tr>
<tr>
<td>5.</td>
<td>M=5.6</td>
<td>Mt' =7.7</td>
</tr>
<tr>
<td>6.</td>
<td>M=5.5</td>
<td>Mt' =7.5</td>
</tr>
<tr>
<td>7.</td>
<td>M=5.1</td>
<td>Mt' =6.8</td>
</tr>
<tr>
<td>8.</td>
<td>M=5.0</td>
<td>Mt' =6.7</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 4 of 67
### Study

**ANDRE 1976/3**  
*Reported in:* Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976, New York, USA  
*Population:* 18+ aged, general public, non institutionalized, USA, 1972/11  
*Sample:*  
*Non-Response:* 38%  
*N:* 1072

### Measured Correlate

*Class:* Family career (family life-cycle)  
*Code:* F 2.1  
*Measurement:* 1. Unmarried, under forty-five years of age, no children at home  
2. Married, under forty-five years of age, no children at home  
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4. Married, any age, youngest child five-fourteen years old  
5. Married, any age, youngest child fifteen-seventeen years old  
6. Married, forty-five years of age or older, no children at home  
7. Unmarried, forty-five years of age or older, no children at home  
8. Unmarried, any age, children of any age

### Observed Relation with Happiness

**Happiness Query**  
**Statistics**  
**Remarks**  
1. M=1.1 Mt'=6.1  
2. M=2.0 Mt'=7.0  
3. M=1.9 Mt'=6.9  
4. M=1.9 Mt'=6.9  
5. M=2.1 Mt'=7.1  
6. M=1.7 Mt'=6.7  
7. M=1.1 Mt'=6.1
<table>
<thead>
<tr>
<th>8.</th>
<th>M=0.1</th>
<th>Mt'= 5.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/7/b DM=+</td>
<td>1. M=5.2   Mt'=7.0</td>
<td>2. M=5.7   Mt'=7.8</td>
</tr>
<tr>
<td>O-SLL/c/sq/v/3/a DM=±</td>
<td>1. M=3.0   Mt'=5.0</td>
<td>2. M=3.2   Mt'=5.5</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/7/a DM=-</td>
<td>1. M=5.1   Mt'=6.8</td>
<td>2. M=5.5   Mt'=7.5</td>
</tr>
</tbody>
</table>
### Findings on Happiness & FAMILY OF PROCREATION  
**Correlate Code: F 2**

1. Unmarried, under forty-five years of age, no children at home  
2. Married, under forty-five years of age, no children at home  
3. Married, any age, youngest child under five years of age  
4. Married, any age, youngest child five-fourteen years old  
5. Married, any age, youngest child fifteen-seventeen years old  
6. Married, forty-five years of age or older, no children at home  
7. Unmarried, forty-five years of age or older, no children at home  
8. Unmarried, any age, children of any age

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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  
**Population:** 18+ aged, general public, non-institutionalized, USA, 1973/3  
**Sample:**  
**Non-Response:** 26%  
**N:** 1433

---

**Measured Correlate**

**Class:** Family career (family life-cycle)  
**Code:** F 2.1

**Measurement:**

1. **Unmarried, under forty-five years of age, no children at home**  
2. **Married, under forty-five years of age, no children at home**  
3. **Married, any age, youngest child under five years of age**  
4. **Married, any age, youngest child five-fourteen years old**  
5. **Married, any age, youngest child fifteen-seventeen years old**  
6. **Married, forty-five years of age or older, no children at home**  
7. **Unmarried, forty-five years of age or older, no children at home**  
8. **Unmarried, any age, children of any age**

**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-BW/cy/sq/l/9/a</td>
<td>DMt=±</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. M=5.8</td>
<td>Mt'=6.0</td>
</tr>
<tr>
<td></td>
<td>2. M=6.2</td>
<td>Mt'=6.5</td>
</tr>
<tr>
<td></td>
<td>3. M=6.0</td>
<td>Mt'=6.3</td>
</tr>
<tr>
<td></td>
<td>4. M=6.2</td>
<td>Mt'=6.5</td>
</tr>
<tr>
<td></td>
<td>5. M=6.4</td>
<td>Mt'=6.8</td>
</tr>
<tr>
<td></td>
<td>6. M=6.4</td>
<td>Mt'=6.8</td>
</tr>
<tr>
<td></td>
<td>7. M=5.8</td>
<td>Mt'=6.0</td>
</tr>
<tr>
<td></td>
<td>8. M=5.3</td>
<td>Mt'=5.4</td>
</tr>
</tbody>
</table>

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 7 of 67
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>M=5.3</td>
<td>Mt' =5.4</td>
</tr>
<tr>
<td>2.</td>
<td>M=5.8</td>
<td>Mt' =6.0</td>
</tr>
<tr>
<td>3.</td>
<td>M=5.7</td>
<td>Mt' =5.9</td>
</tr>
<tr>
<td>4.</td>
<td>M=5.7</td>
<td>Mt' =5.9</td>
</tr>
<tr>
<td>5.</td>
<td>M=5.7</td>
<td>Mt' =5.9</td>
</tr>
<tr>
<td>6.</td>
<td>M=5.7</td>
<td>Mt' =5.9</td>
</tr>
<tr>
<td>7.</td>
<td>M=5.2</td>
<td>Mt' =5.2</td>
</tr>
<tr>
<td>8.</td>
<td>M=4.6</td>
<td>Mt' =4.5</td>
</tr>
</tbody>
</table>
### Study

**HARRY 1976**

*Reported in:* Harry, J.

Evolving sources of happiness for men over the life cycle: A structural analysis

*Population:* 18+ aged males, living with family, USA, 1973

*Sample:*

*Non-Response:*

\[ N: 374 \]

### Measured Correlate

*Class:* Family career (family life-cycle)  
*Code:* F 2.1

*Measurement:*
- Single
- Married, no children
- Married, pre-school children
- Married, school-age children
- Married, teenage children
- Married, children grown up

### 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-HL/c/sq/v/3/aa</td>
<td>D%=+ p&lt;.05</td>
<td>20% happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>29% happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>35% happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>39% happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>41% happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>46% happy</td>
</tr>
</tbody>
</table>
Findings on Happiness & FAMILY OF PROCREATION

**Study**

**HOLLA 1985**

*Reported in:* Holland-Benin, M. & Cable-Nienstedt, B.

Happiness in single- and dual-earner families: the effect of marital happiness, job satisfaction, and life cycle.


*Population:* Married persons, non-institutionalized, USA, 1978-83

*Sample:

Non-Response: ?

N: 3050

**Measured Correlate**

*Class:* Family career (family life-cycle) Code: F 2.1

*Measurement:

1 Young married
2 Family with baby
3 Family with school children
4 Empty nest

Couples not fitting this categorisation excluded (15%)

**Measured Values:**

**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-HL/u/sq/v/3/h</td>
<td>OR= p&lt;.s</td>
<td></td>
</tr>
</tbody>
</table>

Husbands (both of housewives and working wives) more happy in stage 1 and 4, and less happy in stage 2 and 3. No difference among wives (whether housewife or working).

More strongly linked to 'happy' responses than to 'unhappy' ones.
Findings on Happiness & FAMILY OF PROCREATION

Study

LOWEN 1975

Reported in: Lowenthal, M.F., Thurnher, M. & Chiriboga, D.
Four stages of life: A comparative study of women and men facing transitions
Jossey-Bass, 1975, San Francisco, USA

Population: People in transition, metropolis, USA, 1969

Sample:
Non-Response:
N: 216

Measured Correlate

Class: Family career (family life-cycle) Code: F 2.1

Measurement: The number of the following roles the respondent had at the time of the interview: spouse, parent, grandparent, sibling, child, grandchild.

Measured Values:

Error Estimates:

Remarks:
hs seniors males: r= ns females: r= ns newly weds males: r=+.37 ns females: r=+.54 01
middle aged males: r= ns females: r= ns preretired males: r= ns females: r= ns

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-Sum/u/mq/*/0/a r=+.42 p<.01 Youngest (hs seniors + middle aged) hs seniors males: r= ns females: r= ns newly weds males: r=+.37 ns females: r=+.54 01 middle aged males: r= ns females: r= ns preretired males: r= ns females: r= ns
r= ns Oldest (middle aged + preretired)
Study

LOWEN 1975

Reported in:
Lowenthal, M.F., Thurnher, M. & Chiriboga, D.
Four stages of life: A comparative study of women and men facing transitions
Jossey-Bass, 1975, San Francisco, USA

Population:
People in transition, metropolis, USA, 1969

Sample:

Non-Response:
N: 216

Measured Correlate

Class: Family career (family life-cycle) Code: F 2.1

Measurement:
The number of the following roles the respondent had at the time of the interview: spouse, parent, grandparent, sibling, child, grandchild.

Measured Values:

Observation Relation with Happiness

Happiness Query
A-BB/cw/mq/v/4/d

Statistics
r=+.24
p<.05

Remarks
Youngest (hs seniors + newly weds) men only

hs seniors males: r= ns females: r= ns newly weds males: r= ns females: r= ns

r=-.06 ns

Women only (no curvilinearity has been found in the correlation egocentricity and well-being)

r=-.16 ns

middle aged males: r= ns females: r= ns preretired males: r= ns females: r= ns

r= ns
Findings on Happiness & FAMILY OF PROCREATION

**Study**

**ROSE 1955**

*Reported in:* Rose, A.M.
Factors associated with the life satisfaction of middle class, middle aged persons.

*Population:* Married couples, middle aged, middle-class, USA, 1952

*Sample:* 50 %

*N:* 416

**Measured Correlate**

*Class:* Family climate  Code: F 2.2

*Measurement:* Rating by child (sociology student) who participated in the study.

**Observed Relation with Happiness**

**Happiness Query**

O-SLu/g/sq/v/5/a

**Statistics**

D% = + p< .05

**Remarks**

Positive among females only.
Among very satisfied women in 48% of the cases the college student offspring described total family life as being very close; among satisfied women this percentage was 28 %, and among the relatively dissatisfied mothers it was only 20 %

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### Study

**COSTA 1985**  
*Reported in:* Costa, P.T., Zonderman, A.B. & McCrae, R.R.  
*Population:* Married males, followed ±12 years Baltimore, USA, 1958-1970  
*N:* 196  
*Non-Response:* Attrition T1-T3: 82%

### Measured Correlate

*Class:* Earlier family-climate  
*Measurement:* Obtained by factor analysis. Factor consisting of 10 items. Items with high loading:  
'*I am perfectly satisfied with the way my family treats me'.  
'*If you had your life to live over, would you marry the same person?'.  
'*How do you rate the happiness of your (last) marriage?'  
Questions administered at T1.

### 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>C-A/h/sq/v/3/a</td>
<td>r = +.26</td>
<td>p &lt; .01</td>
</tr>
</tbody>
</table>
### Study

**ATKIN 1986**  
*Reported in:* Atkinson, T.; Liem, R.; Liem, J.H.  
*Population:* Unemployed families followed after jobloss, Boston, USA, 1982

---

### Measured Correlate

- **Class:** Change in family-climate  
  Code: F 2.2.2  
- **Measurement:** Family cohesion subscale of the Moos Family Environment Scale (Moos, Insel and Humphrey 1974). Assessed at T1 and T2 (two months difference).

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H/?/?sq/?/0/a</td>
<td>Beta=.23</td>
<td>Happiness assessed at T2. When controlled for T2 hostility, depression, anxiety and symptoms, $\beta = ns.$</td>
</tr>
</tbody>
</table>
**Findings on Happiness & FAMILY OF PROCREATION**

**Correlate Code: F 2**

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### Study

**Reported in:** Kainulainen, Sakari  
Elämäntapahtumat ja elämään tyyväisyys 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

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### Measured Correlate

**Measurement:** Have you experienced causing your family (close) problems (a) during the last year? (b) ever in your life?

**Answers:** No (=0) or Yes (=1).

---

### Observed Relation with Happiness

**Happiness Query**  
O-SLu/c/sq/v/5/g

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>r=-.12 p&lt;.</td>
<td>during the last year</td>
</tr>
<tr>
<td>r=-.12 p&lt;.</td>
<td>ever in your life</td>
</tr>
</tbody>
</table>
| DM=- p<. | never: M = 3.94  
ever in your life: M = 3.74  
95% CI for difference: [ 0.13 ; 0.27] |
Study  LEVIT 1986  

Reported in: Levitt, M.J.; Weber, R.A. and Clark, M. 
Social Network Relationships as Sources of Maternal Support and Well-being 


Sample: 
Non-Response: 20%
N: 43

Measured Correlate

Class: Current climate  Code: F 2.2.3

Measurement: 
1. Infant difficulty 
2. Spousal support 
3. Satisfaction with spouse

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a $R^2=.09$ 1
$R^2=.21$ 1+2
$R^2=.25$ 1+2+3

O-SLW/c/sq/n/7/a $R^2=.13$ 1
$R^2=.28$ 1+2
$R^2=.34$ 1+2+3
### Study

**MAKAR 1962**

**Reported in:** Makarczyk, W.
Factors affecting life satisfaction among people in Poland.

**Population:** Adults, general public, students and peasants excluded, Poland, 1960

**Sample:**

<table>
<thead>
<tr>
<th>Non-Response</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>5%</td>
<td>2387</td>
</tr>
</tbody>
</table>

**Measured Correlate**

**Class:** Current climate  
**Code:** F 2.2.3

**Measurement:** Single question: "How, on the whole, do you get on with your (immediate) family?"
- Responses: very badly / rather badly / average / fairly well / very well.

**Measures 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-SLW/u/sq/v/5/a</td>
<td>T=+.22</td>
<td>p&lt;.001</td>
</tr>
<tr>
<td></td>
<td>T=+.14</td>
<td>p&lt;.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Non-agricultural people.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Farm owners and family.</td>
</tr>
</tbody>
</table>
Findings on Happiness & FAMILY OF PROCREATION

Study

MAKAR 1962

Reported in: Makarczyk, W.
Factors affecting life satisfaction among people in Poland.

Population: Adults, general public, students and peasants excluded, Poland, 1960

Sample:

Non-Response: 5%
N: 2387

Measured Correlate

Class: Current climate  Code: F 2.2.3

Measurement: Single question: how, on the whole, do you get on with your immediate family?
very badly / rather badly / average / fairly well / very well.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLW/u/sq/v/5/a  T=.22  p<.001  Non-agricultural people only.
T=.14  p<.001  Farm owners and family.
Findings on Happiness & FAMILY OF PROCREATION

Correlate Code: F 2

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: Current climate Code: F 2.2.3
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=-.55 p<.000
G=-.55 p<.000
Study WESSM 1956

Reported in: Wessman, A.E.
A psychological inquiry into satisfaction and happiness

Population: 21+ aged, general public, non-institutionalized, USA, 1946

Sample:

Non-Response: -

N: 2377

Measured Correlate

Class: Current climate Code: F 2.2.3

Measurement: Closed question: "How do you and your family get along?" Only so-so / fairly well / very well

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-HL/g/sq/v/3/c</td>
<td>G=+.64 p&lt;.01</td>
<td>Stronger among those who are dissatisfied with their job and / or friends</td>
</tr>
</tbody>
</table>

Page 21 of 67
### Study: WESSM 1956

**Reported in:** Wessman, A.E.
A psychological inquiry into satisfaction and happiness

**Population:** 21+ aged, general public, non-institutionalized, USA, 1946

**Sample:**

**Non-Response:** -

**N:** 2377

### Measured Correlate

**Class:** Current climate  
**Code:** F 2.2.3

**Measurement:** Closed question: "How do you and your family get along?": Only so-so / fairly well / very well.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/g/sq/v/3/c</td>
<td>G=.64 p&lt;.01</td>
<td>Stronger among those who are dissatisfied with job and/or friends.</td>
</tr>
</tbody>
</table>
Findings on Happiness & FAMILY OF PROCREATION

**Study**

**BRINK 1986A**

*Reported in:* Brinkerhoff, M & Jacob, J

Quality of life in an alternative lifestyle. The smallholding movement. Social Indicators Research 18, p 153-173

*Population:* Back to the land' mini-farmers, West USA and Canada, 198?

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

*N:* 510

44 %

---

**Measured Correlate**

*Class:* Characteristics of family members  

*Measurement:* Respondents were asked to rate themselves or their spouses from "very good" to "not at all good" on eight back-to-the-land skills:

- carpentry
- plumbing
- car repairs
- electrical work
- gardening
- sewing
- spinning
- veterinary skills.

*Measured Values:* observed range: 8 - 32

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

*Happiness Query*  

O-H/?/?/sq/v/4/a  

*Statistics:*  

$r=+.16$  

*p<.001*

---

Print date: 7-2-2003  

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

Page 23 of 67
**Study**  
HENGGER 1981/1  
*Reported in:* Henggeler, S.W. and Borduin, C.M.  
Satisfied working mothers and their preschool sons  
*Population:* Married mothers of 4 year old sons, USA, 1981  
*Sample:*  
*Non-Response:* ?  
*N:* 28

**Measured Correlate**  
*Class:* Oneself-mother: works or not  
*Code:* F 2.6.1  
*Measurement:*  
0 mother does not work  
1 mother works

**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/tsb/?/0/a</td>
<td>DM=+ ns</td>
<td>Working mothers were observed to be consistently happier than non-working mothers in play and command situations both at home and in the laboratory.</td>
</tr>
</tbody>
</table>
Study  SHEHA 1984  
Reported in:  Shehan,C  
Wives’ Work and Psychological Well-Being  
Sex Roles, vol. 11, 1984, p. 881-899  
Population:  Working mothers of preschool children and non-working controls, USA, 1987  
Sample:  
Non-Response:  0% interview  
16% questionnaire  
N:  100 interview,  
84 questionnaire  

Measured Correlate  
Class:  Oneself-mother: works or not  
Code: F 2.6.1  
Measurement:  Non-working  
Working  

Measured Values:  
Error Estimates:  
Remarks:  

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
O-SLL/c/sq/v/5/c  G=-.31  p<.05  
G=-.31  p<.05  
DM=  ns  

Findings on Happiness & FAMILY OF PROCREATION Correlate Code: F 2

**Study**

**VENTE 1995**

*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:* Oneself-mother: works or not  Code: F 2.6.1

*Measurement:*
1. woman
2. man
3. children in the home
4. no children in the home
5. with partner
6. Single


*Error Estimates:*

*Remarks:* breadwinners only

---

**Observed Relation with Happiness**

**Happiness Query**  
A-AOL/m/sq/v/5/a

<table>
<thead>
<tr>
<th></th>
<th>children</th>
<th>no children</th>
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<tbody>
<tr>
<td>SINGLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 7.19</td>
<td>6.75</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 7.31</td>
<td>5.00</td>
</tr>
<tr>
<td>WITH PARTNER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 7.86</td>
<td>7.74</td>
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<tr>
<td>men</td>
<td>Mt = 7.93</td>
<td>7.76</td>
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</table>

**O-HL/c/sq/v/5/h**

<table>
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</thead>
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<tr>
<td>SINGLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 6.11</td>
<td>6.11</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 6.06</td>
<td>5.00</td>
</tr>
<tr>
<td>WITH PARTNER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 7.36</td>
<td>7.20</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 7.24</td>
<td>7.10</td>
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</table>

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 26 of 67
<table>
<thead>
<tr>
<th></th>
<th>children in home</th>
<th>no children in home</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 6.75</td>
<td>6.64</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 6.81</td>
<td>5.00</td>
</tr>
<tr>
<td>WITH PARTNER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 7.74</td>
<td>7.66</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 7.61</td>
<td>7.76</td>
</tr>
</tbody>
</table>
### 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:** Oneself-mother: works or not  
*Code:* F 2.6.1

**Measurement:**
1. woman
2. man
3. children in the home
4. no children in the home
5. with partner
6. Single

**Measured Values:**

<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></td>
<td></td>
</tr>
<tr>
<td>SINGLE</td>
<td>children</td>
<td>no children</td>
</tr>
<tr>
<td>women</td>
<td>Mt = 7.64</td>
<td></td>
</tr>
<tr>
<td>men</td>
<td>Mt = 6.78</td>
<td>7.11</td>
</tr>
<tr>
<td>WITH PARTNER</td>
<td>women</td>
<td>Mt = 7.96</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 8.03</td>
<td>8.08</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td></td>
<td></td>
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<tr>
<td>SINGLE</td>
<td>children</td>
<td>no children</td>
</tr>
<tr>
<td>in home</td>
<td>Mt = 5.73</td>
<td>5.68</td>
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<tr>
<td>women</td>
<td>Mt = 5.55</td>
<td>5.66</td>
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<tr>
<td>men</td>
<td>Mt = 5.55</td>
<td>5.66</td>
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<td>WITH PARTNER</td>
<td>women</td>
<td>Mt = 7.39</td>
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<tr>
<td>men</td>
<td>Mt = 7.38</td>
<td>7.35</td>
</tr>
</tbody>
</table>

*Observed Relation with Happiness*

*Error Estimates:*

*Remarks:* only absolute frequencies are given, because categories are overlapping
<table>
<thead>
<tr>
<th></th>
<th>children</th>
<th>no children</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SINGLE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 6.54</td>
<td>6.15</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 6.15</td>
<td>6.83</td>
</tr>
<tr>
<td><strong>WITH PARTNER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 7.69</td>
<td>7.64</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 7.69</td>
<td>7.76</td>
</tr>
</tbody>
</table>
### Study

**BAKKE 1974**

*Reported in:*
Bakker, P. & Berg, N. van de
Determinants and correlates of happiness.

*Population:*
20-65 aged, general public, The Netherlands, 1968

*Sample:*

*Non-Response:*
34% refusal and unattainable.

*N:*
1552

### Measured Correlate

*Class:*
Concern about family  Code: F 2.7.1

*Measurement:*
Direct questions rated on an open graphic scale ranging from 'not worried' to 'very worried'.
1) future of family members.
2) relationship with family members.

*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-HP/g/sq/ol/7/a</td>
<td>G=+.30</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td>1) future of family members.</td>
</tr>
<tr>
<td></td>
<td>G=+.45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td>2) Relationship of family members:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lower among those of age 40-50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stronger among those of low S.E.S.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not among those of higher education.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unaffected by sex.</td>
</tr>
</tbody>
</table>
Study: **BRAY 1983**  
*Reported in:* Bray, D.W. & Howard, A.  
The AT&T Longitudinal Studies of Managers  
*Population:* 40+ aged male managers, Bell Telephone Company, 1978  
*Sample:* Non-probability purposive-quota sample  
*Non-Response:* Panel loss at T5  
37%  
*N:* 422 ***)  

**Measured Correlate**  
*Class:* Concern about family  
*Code:* F 2.7.1  
Rater instruction: “To what extent is this person free from concern about his or her children, parents, or other family members (excluding spouse)”.  
Assessed at T5.  

**Measured Values:**  
**Error Estimates:**  
**Remarks:**  

**Observed Relation with Happiness**  
*Happiness Query*  
M-PL/c/rc/v/5/a  
*Statistics*  
r*  
*Remarks*  
T5 absence of familial worries by T5.  
Analysis showed a significantly positive correlation.
Have you experienced worries over the life and future of your own children (a) during the last year? (b) ever in your life? Answers: No (0) or Yes (1).

Measured Correlate

Class: Concern about family Code: F 2.7.1
Measurement: Have you experienced worries over the life and future of your own children (a) during the last year? (b) ever in your life?

Measured Values:
- Never: \(N = 1690\)
- Ever in your life: \(N = 751\)

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 = -0.07) (p &lt; .)</td>
<td>experienced during the last year</td>
</tr>
<tr>
<td></td>
<td>(r = -0.07) (p &lt; .)</td>
<td>experienced ever in your life</td>
</tr>
<tr>
<td>DM=-</td>
<td>(p &lt; .)</td>
<td>never: (M = 3.90), ever in your life: (M = 3.77)</td>
</tr>
</tbody>
</table>
Study | WARR 1976
--- | ---
Reported in: | Warr, P.
A study of psychological well-being
British Journal of Psychol.1978, vol.69, 111-121
Population: | Steel workers, six months after closure of their plant, Manchester, U.K., 1976
Sample:
Non-Response: | 9 % (4 % ill, 5 % refused), 13 % not contacted
N: | 1655

Measured Correlate

Class: | Concern about family  Code: F 2.7.1
Measurement: | Single closed question concerning anxiety in the past few weeks about Ss family rated on an 11-point scale from 'not at all' to 'a great deal'

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
O-HL/c/sq/n/7/a | r=-.19

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 33 of 67
Findings on Happiness & FAMILY OF PROCREATION

Study: ZUMA 1989

Reported in: Zentrum fur Umfrageforschung MAnnheim (ZUMA)


Population: 18+ aged, general public, West-Germany, 1978-88

Sample:

Non-Response: ?

N: varies from about 2000 - 2300

Measured Correlate

Class: Concern about family  Code: F 2.7.1

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

<table>
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<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/11/b</td>
<td>SNR=</td>
<td>eta</td>
<td>G</td>
<td>r</td>
<td>ß</td>
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<td></td>
</tr>
<tr>
<td></td>
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<td>+.23</td>
<td>+.33</td>
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<td>+.21</td>
<td>+.12</td>
<td>+.16</td>
</tr>
</tbody>
</table>

ß's controlled for age, gender, perceived class and marital status.

Page 34 of 67
Findings on Happiness & FAMILY OF PROCREATION
Correlate Code: F 2

Study ZUMA 1989

Reported in: Zentrum fur Umfrageforschung Mannheim (ZUMA)

Population: 18+ aged, general public, West-Germany, 1978-88

Sample: 

Non-Response: ?

N: varies from about 2000 - 2300

Measured Correlate

Class: Concern about family  Code: F 2.7.1

Measurement: Question: 'How important is your family for you?'
Rated on a seven point scale, ranging from 1 to 7.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tr>
<td>O-HL/c/sq/v/4/b</td>
<td>SNR=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>et a</td>
<td>G</td>
</tr>
</tbody>
</table>

1978
1980
1984
1988

ß's controlled for age, gender, perceived class and marital status.
### Study

**ANDRE 1976/1**

*Reported in:* Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976. New York, USA

*Population:* 18+ aged, general public, non-institutionalized, USA, 1972/75

*Sample:*  
Non-Response: 24%  
*N:* 1297

### Measured Correlate

*Class:* Satisfaction with family  
*Code:* F 2.7.2

*Measurement:* Index of closed questions: "How do you feel about...?"  
1. children  
2. wife/husband  
3. marriage.  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### 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/sqt/v/7/a</td>
<td>$E^2 = .38$</td>
<td></td>
</tr>
</tbody>
</table>
**Beta = +.1**  
8 controlled for 11 domain satisfactions (efficacy, money, amount of fun, house/apartment, spare-time activities, national government, things do with family, consumer, time to do things, health, job).  
**Beta = +.1**  
8 controlled for sociodemographic variables (family life-cycle, age, family income, education, race, sex) and 11 domain satisfactions.
Findings on Happiness & FAMILY OF PROCREATION  Correlate Code: F 2

Study  ANDRE 1976/1  Page in Report: 112

Reported in: Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976. New York, USA

Population: 18+ aged, general public, non-institutionalized, USA, 1972/75

Sample:
Non-Response: 24%
N: 1297

Measured Correlate

Class: Satisfaction with family  Code: F 2.7.2

Measurement: Closed question: “How do you feel about the things you and your family do together?” Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-DT/u/sqt/v/7/a  E²=+.38  Unaffected by sex
Beta=+.0  β controlled for 11 domain satisfactions (efficacy, family, money, amount of fun, house/apartment, spare time activities, national government, consumer, time to do things, health, job).
Beta=+.0  β controlled for sociodemographic variables (family life cycle, age, family income, education, race, sex) and 11 domain satisfactions.
### Study

**ANDRE 1976/3**  
*Reported in:* Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976, New York, USA  
*Population:* 18+ aged, general public, non institutionalized, USA, 1972/11  
*Sample:*  
*Non-Response:* 38%  
*N:* 1072

### Measured Correlate

*Class:* Satisfaction with family  
*Code:* F 2.7.2  
*Measurement:*  
Closed question: "How do you feel about your own family life - your wife/husband, your marriage, your children, if any?"  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.50</td>
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<tr>
<td>O-SLW/u/sq/t/101/a</td>
<td>r=+.32</td>
<td></td>
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</tbody>
</table>
Findings on Happiness & FAMILY OF PROCREATION

Study | ANDRE 1976/3
---|---
Reported in: | Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA
Population: | 18+ aged, general public, non institutionalized, USA, 1972/11
Sample:
Non-Response: | 38%
N: | 1072

Measured Correlate

Class: | Satisfaction with family  Code: F 2.7.2
Measurement: | Closed question: "How do you feel about how well your family agrees on how family income should be spent?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
---|---|---
O-DT/u/sqt/v/7/a | $E^2 = .42$ |
### Study
**ANDRE 1976/3**

- **Reported in:** Andrews, F.M. & Withey, S.B.  
  Social Indicators of Well-being: Americans' Perceptions of Life Quality  
  Plenum Press, 1976, New York, USA
- **Population:** 18+ aged, general public, non institutionalized, USA, 1972/11
- **Sample:**
  - **Non-Response:** 38%
  - **N:** 1072

### Measured Correlate
- **Class:** Satisfaction with family  
  Code: F 2.7.2
- **Measurement:** Closed question: "How do you feel about your own family life - your wife/husband, your marriage, your children, if any?"  
  Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

### Observed Relation with Happiness

<table>
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<tr>
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<th>Statistics</th>
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<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>$E^2 = +.52$</td>
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Findings on Happiness & FAMILY OF PROCREATION

**Study**

**ANDRE 1976/3**

*Reported in:* Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA

*Population:* 18+ aged, general public, non institutionalized, USA, 1972/11

*Sample:
Non-Response: 38%
N: 1072

---

**Measured Correlate**

*Class:* Satisfaction with family  Code: F 2.7.2

*Measurement:
Closed question: "How do you feel about the things you and your family do together?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

*Measured Values:

*Error Estimates:

*Remarks:

---

**Observed Relation with Happiness**

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<td>Andrews, F.M. &amp; Withey, S.B.</td>
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<td>Plenum Press, 1976, New York, USA</td>
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<td>Population:</td>
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<td>Non-Response:</td>
<td>38%</td>
<td></td>
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<tr>
<td>N:</td>
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**Measured Correlate**

<table>
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<th>Class:</th>
<th>Satisfaction with family</th>
<th>Code: F 2.7.2</th>
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<tbody>
<tr>
<td>Measurement:</td>
<td>Closed question: “How do you feel about the things you and your family do together?”</td>
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<tr>
<td>Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted</td>
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**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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<tr>
<td>Study</td>
<td>ANDRE 1976/5</td>
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<td>Andrews, F.M. &amp; Withey, S.B.</td>
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<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
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<tr>
<td>Population:</td>
<td>18+ aged, general public, non-institutionalized, USA, 1973/7</td>
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<tr>
<td>Sample:</td>
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<tr>
<td>Non-Response:</td>
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<td></td>
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<tr>
<td>N:</td>
<td>222</td>
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<td>Class:</td>
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<tr>
<td>Measured Values:</td>
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<td>Error Estimates:</td>
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<tbody>
<tr>
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Findings on Happiness & FAMILY OF PROCREATION  
Correlate Code: F 2

**Study**  
**ANDRE 1976/5**

*Reported in:*  
Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976, New York, USA

*Population:*  
18+ aged, general public, non-institutionalized, USA, 1973/7

*Sample:*  
Non-Response:  
N: 222

**Measured Correlate**  
*Class:* Satisfaction with family  
*Code:* F 2.7.2

**Measurement:**  
3-item index of questions "How do you feel about....?"  
1. your wife/ husband  
2. your marriage  
3. your family life (i.e. your wife/husband, your marriage and your children, if any)  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Query</th>
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<tr>
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<td>O-BW/cy/sq/l9/a</td>
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<tr>
<td>O-SLW/u/sq/f/7/a</td>
<td>r=+.49</td>
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Findings on Happiness & FAMILY OF PROCREATION  
Correlate Code: F 2

Study  
**ANDRE 1976/6**  
*Reported in:* Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976, New York, USA

*Population:* 18+ aged, general public, non-institutionalized, USA, 1972-73

*Sample:*  
*Non-Response:*  
*N:* 1072+1433+222

**Measured Correlate**  
*Class:* Satisfaction with family  
*Code:* F 2.7.2

*Measurement:*  
*Index of closed questions, asked in different samples: 'How do you feel about...*  
1. your wife/husband (asked in July 1973)  
2. your marriage (asked in July 1973)  
3. your own family life - your wife/husband, your marriage, your children, if any (asked in July 1973 and November 1972)?*  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

**Observed Relation with Happiness**  

<table>
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</table>

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 45 of 67
## Study

**HEADE 1981**

**Reported in:** Headey, B.  
The Quality of Life in Australia  
Social Indicators Research, 1981, Vol. 9, 155-181

**Population:** Adults, general public, Australia 1978

**Sample:** Probability sample (unspecified)

**Non-Response:** not reported

**N:** 679

## Measured Correlate

**Class:** Satisfaction with family  
**Code:** F 2.7.2

**Measurement:** 1 single question on satisfaction with the things you and your family do together, scored on a 1-9 D-T rating scale.

**Measured Values:**  
M = 6.8  
SD = 1.5

**Error Estimates:**

**Remarks:** Item scored on the same rating scale as the question on happiness.

## Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-DT/u/sqrt/v/9/a</td>
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<td>p&lt;.001</td>
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<tr>
<td>Beta=+.0</td>
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<td>Item scored on the same rating scale as the question on happiness</td>
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</table>

Beta's controlled for satisfaction with  
- self-fulfillment  
- sex life  
- problem handling  
- work around the house  
- mother  
- health  
- house  
- standard of living  
- assertiveness  
- friends  
- fun and enjoyment  
- marriage
Beta = +.0

Married cases
Beta's controlled for satisfaction with
- self-fulfillment
- sex life
- problem handling
- work around the house
- mother
- health
- house
- standard of living
- assertiveness
- friends
- fun and enjoyment
- marriage
Study: LEVY 1975/1

Reported in: Levy, S. & Guttman, L.
On the multivariate structure of well-being

Population: 18+ aged, general public, urban areas, Israel, 1973

Sample:
Non-Response: -
N: 1940

Measured Correlate

Class: Satisfaction with family Code: F 2.7.2
Measurement: Closed question ranging from 'very bad' to 'very good'.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<td>A-AOL/c/sq/v/4/b</td>
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<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.66</td>
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</table>
### Study

**MOOKH 1997**

*Reported in:* Mookherjee, H.N.

Assessment of happiness among the elderly population in the United States


*Population:* 60+ aged, general public, USA 1982-91

*Sample:* Probability multi-stage cluster sample

*Non-Response:* not reported

*N:* 3049

---

#### Measured Correlate

**Class:** Satisfaction with family  
**Code:** F 2.7.2

**Measurement:** Single question on satisfaction with family

1. not satisfied
2. somewhat satisfied
3. well satisfied

**Measured Values:**

- N: 1=2197  2= 542  3= 310

**Error Estimates:**

---

#### 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 | DM=+ p<.00 | 1. M= 1.81 SD=.69  
| | | 2. M= 1.99 SD=.63  
| | | 3. M= 2.36 SD=.63  
| r=+.30 p<.00 | Beta controlled for:  
| | socio-demographic variables:  
| | - Gender  
| | - Race  
| | - Marital status  
| | - Education  
| | - Financial status  
| | - Place of residence  
| | - Religious membership  
| | - Religious attendance  
| | - satisfactions with:  
| | - Neighbours  
| | - Non-working activities  
| | - Friends  
| | - Health  
| | - Finance  

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 49 of 67
Appendix 1

Queries on Happiness used in reported Studies

Happiness Query Code  Full Text

A-AOL/c/sq/v/4/b  Selfreport on single closed question:

"How is your mood these days....?"
4 very good all the time
3
2
1 not good almost all the time

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/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)
A-BB/cw/mq/v/4/d Selfreport on 8 questions.

"During the past week, did you ever feel.....?"
A very lonely
B restless
C bored
D depressed
E on top of the world
F exited or interested
G pleased about accomplishment
H proud

Answer options:
1 never
2 once
3 several times
4 often

Summation:
-Positive Affect Score (PAS): E+F+G+H
-Negative Affect Score (NAS): A+B+C+D
-Affect Balance Score (ABS): PAS-NAS+13

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

A-CA/mh/tsb/?/0/a Time sampling of happy behaviors

Frequence of positive affect shown during two 20 minute sessions of mother child interaction (both play and command situation) both at home and in a laboratory. Sessions were video recorded and rated afterwards

C-A/h/sq/v/3/a Selfreport on single question:

“How do you feel about what you have accomplished in life...?”
1 well satisfied
2 reasonable satisfied
3 dissatisfied:

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

"Are you generally satisfied?"
1 no
2 yes

M-PL/c/rc/v/5/a Clinical rating by 4 experts on the basis of multi-method assestments during periodical stays in asessment center.

Rater instruction:
"To what extend does this person find pleasure in life at the present time..........?"
1 low
2
3 average
4
5 high

O-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 selfanchoring ladder rating (modified 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)

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 )
Findings on Happiness & FAMILY OF PROCREATION

Correlate Code: F 2

Name: Andrews & Withey's 'Circles Scale'
O-H?/?sq/?0/a Selfreport on single question:

"......happiness....."  
(Full text not reported)
O-H?/?sq/v/4/a Selfreport on single question:

Lead item not reported  
Response options:  
4 very happy  
3 quite happy  
2 not very happy  
1 not at all happy  
O-HL/c/sq/?/6/a Selfreport on single question:

"Generally speaking, are you happy these days......?"  
6 very happy  
5  
4  
3  
2  
1 very unhappy  
(Response options not fully reported)
O-HL/c/sq/n/7/a Selfreport on single question:

"Here are some words and phrases. We would like you to use these in describing how you feel about your present life."  
1 unhappy  
2  
3  
4  
5  
6  
7 happy  
(originally presented horizontally)
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/4/b Selfreport on single question:

" Is your life at this moment ....?" 
4 very happy
3 fairly happy
2 fairly unhappy
1 very unhappy

In German:
"Ist Ihr Leben im Augenblick....?"
d sehr glücklich
c ziemlich glücklich
b ziemlich unglücklich
a sehr unglücklich

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 ulykklig
1 meget unlykkelig

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

"In general, how happy would you say you are.....?"
3 very happy
2 fairly happy
1 not too happy

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

"Taken all together, how happy would you say you are? Are you......?"
3 very happy
2 pretty happy
1 not so happy

O-HL/u/sq/v/7/b Selfreport on single question:

"How do you feel how happy you are.....?"
7 delighted
6 pleased
Selfreport on single question:

"Generally speaking are you a happy person.......?"

Responses were made on an open line scale, and were later coded in 7 categories:
1 very unhappy
2
3
4
5
6
7 very happy.

Original text in Dutch:
"Bent u over het algemeen een gelukkig mens?"
a zeer ongelukkig
b
c
d
e
f
g zeer gelukkig

Selfreport on single question:

"In general how satisfying do you find the way you are spending your life these days. Would you call it.....?"
3 completely satisfying
2 pretty satisfying
1 not very satisfying

Selfreport on single question :

"All things considered, how satisfied are you with the way your life is these days .......?"
1 not at all satisfied
2 somewhat satisfied
3 just so-so
4 pretty satisfied
5 very satisfied

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
2 utilfreds
1 meget utilfreds

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 ?'

Selfreport on single question:

"In general, how satisfied are you with your life.....?"
5 very satisfied
4 satisfied
3 average
2 somewhat dissatisfied
1 very dissatisfied

Selfreport on single question:

"What do you think, how satisfied are you at this moment- all in all - with your life? 'If for instance you are totally satisfied with your life, please mark a ‘10’.If you are totally unsatisfied with your life, mark a ‘0’.If you are not completely unsatisfied nor totally satisfied range yourself somewhere between ‘1’ and ‘9’"

10 completely satisfied
9
8
7
6
5
4
3
2
1
0 completely dissatisfied

Original text in German:
"Was meinen Sie, wie zufrieden sind Sie gegenwärtig - alles in allem - heute mit
Ihrem Leben? Wenn Sie zum Beispiel mit Ihrem Leben heute ganz und gar zufrieden sind, geben Sie bitte die '10' an. Wenn Sie mit Ihrem Leben heute ganz und gar unzufrieden sind, geben Sie '0' an. Wenn Sie weder ganz und gar zufrieden noch ganz und gar unzufrieden sind, dann ordnen Sie sich irgendwo zwischen '1 und '9' ein.

Selfreport on single question:

"We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?"

7 completely satisfied
6
5
4 neutral
3
2
1 completely dissatisfied

Selfreport on single question:

"Which face comes closest to expressing how you feel about your life as a whole?"

Rated on pictorial scale, consisting of seven faces varying from smiles to frowns.
7 smiling cheerful face
6
5
4 neutral face
3
2
1 frowning depressed face
(Pictures not reproduced here)

Selfreport on single question:

"Where would you put your life as a whole on a feeling thermometer?"

Rated on 'thermometer scale' (in grades)
0 degrees: very cold, negative
10
20
30
40
50
60
70
80
90
100 very warm, positive

Selfreport on single question:

"On the whole, are you satisfied with your life.....?"

5 definitely yes
4 rather yes
3 don't know
Selfreport on 3 questions:


B. Overall happiness. Single direct question: "Taking all things together, how would you say things are these days? Would you say you are .......?"
   3 very happy
   2 pretty happy
   1 not too happy

C. Present-year score on Life-Evaluation Chart, ranging from:
   1 low
   2
   3
   4
   5
   6
   7
   8
   9 high

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>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
</table>
| **Beta** | (B) STANDARDIZED REGRESSION COEFFICIENT  
Type: test statistic.  
Measurement level: Correlates: all metric, Happinessl: metric.  
Range: [-1 ; +1]  
Meaning:  
\[ \beta > 0 \leftrightarrow \text{a higher correlate level corresponds with, on an average, higher happiness rating.} \]  
\[ \beta < 0 \leftrightarrow \text{a higher correlate level corresponds with, on an average, lower happiness rating.} \]  
\[ \beta = 0 \leftrightarrow \text{no correlation.} \]  
\[ \beta = +1 \text{ or } -1 \leftrightarrow \text{perfect correlation.} \] |
| **D%** | DIFFERENCE in PERCENTAGES  
Type: descriptive statistic only.  
Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous  
Range: [-100; +100]  
Meaning: the difference of the percentages happy people at two correlate levels. |
| **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. |
| **DMt** | DIFFERENCE of MEANS AFTER TRANSFORMATION  
Type: descriptive statistic only.  
Measurement level: Correlate: dichotomous, Happiness: metric  
Theoretical range: [-10; +10]  
Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels. |
| **E²** | CORRELATION RATIO (Elsewhere sometimes called h² or ETA)  
Type: test statistic  
Measurement level: Correlate: nominal or ordinal, Happiness: metric  
Range: [0; 1]  
Meaning: correlate is accountable for \( E^2 \times 100 \% \) of the variation in happiness.  
\[ E^2 = 0 \leftrightarrow \text{knowledge of the correlate value does not improve the prediction quality of the happiness rating.} \]  
\[ E^2 = 1 \leftrightarrow \text{knowledge of the correlate value enables an exact prediction of the happiness rating.} \] |
| **G** | GOODMAN & Kruskal’s GAMMA  
Type: test statistic |
Findings on Happiness & FAMILY OF PROCREATION

Correlate Code: F 2

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.

mc
Guttman's monotonicy coefficient.
Range: [-1, +1].
Measurement level: Both correlate and happiness ordinal or interval
Based on the multiplication of signed differences within one variable with the corresponding difference in the second variable and summation over all possible differences.
Seldom used in happiness research. See excerpted report.

OR
ODDS RATIO
Type: descriptive statistic only.
Measurement level: Correlate: dichotomous, Happiness level: dichotomous
Range: nonnegative unlimited

Meaning:
OR = 1 « no association at all;
OR = 0 or infinite « at least one level of the correlate allows an error-free prediction of the happiness.

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.

R²
COEFFICIENT of DETERMINATION
Type: test statistic
Measurement level: Correlates: all metric, Happiness: metric
Range: [0; 1]

Meaning:
R² = 0 « no influence of any correlate in this study has been established.
R² = 1 « the correlates determine the happiness completely.

SNR
Statistic Not Reported

T
TSCHUPROW'S T
Type: test statistic.
Measurement level: Correlate: nominal, Happiness: ordinal
Range: [0 ; SQRT[[min(r,c)-1]/[max(r,c) -1]]], c and r being the numbers of columns resp.
rows in a cross tabulation.

Meaning:
T = 0 « no association
T -> 1 « strongest possible association.

NOTE: sometimes the square value is reported instead!

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)
    - Selection of Empirical studies
      - Happiness Queries (3)
        - Testbank
          - Abstracting and classification of findings
            - Distributional Findings: How happy people are
            - Correlational Findings: What goes with happiness
              - Happiness in Nations (4)
              - Happiness in Publics (6)


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

<table>
<thead>
<tr>
<th>Main Category’s</th>
<th>Category Name</th>
<th>Number of Studies in this Category</th>
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<tbody>
<tr>
<td>A 1</td>
<td>ACTIVITY LEVEL (how much one does)</td>
<td>53</td>
</tr>
<tr>
<td>A 2</td>
<td>ACTIVITY PATTERN (what one does)</td>
<td>7</td>
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<tr>
<td>A 3</td>
<td>AFFECTIVE LIFE</td>
<td>31</td>
</tr>
<tr>
<td>A 4</td>
<td>AGE</td>
<td>279</td>
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<td>AGGRESSION</td>
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<td>A 6</td>
<td>ANOMY</td>
<td>30</td>
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<td>APPEARANCE (good looks)</td>
<td>8</td>
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<td>ATTITUDES</td>
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<td>CREATIVENESS</td>
<td>6</td>
</tr>
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<td>C 11</td>
<td>CULTURE (Arts and Sciences)</td>
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<tr>
<td>C 2</td>
<td>CHILDREN: WANT FOR (Parental aspirations)</td>
<td>6</td>
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<tr>
<td>C 3</td>
<td>CHILDREN: HAVING (parental status)</td>
<td>145</td>
</tr>
<tr>
<td>C 4</td>
<td>CHILDREN’s CHARACTERISTICS</td>
<td>19</td>
</tr>
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<td>CHILDREN: RELATION WITH</td>
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<td>CHILDREN: REARING (parental behavior)</td>
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<td>DAILY JOYS &amp; HASSLES</td>
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<td>F 1</td>
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<td>42</td>
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<td>HAPPINESS: ATTITUDES</td>
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<tr>
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<tr>
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<td>INSTITUTIONAL LIVING</td>
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<td>INTERESTS</td>
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<td>I 7</td>
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<tr>
<td>M 10</td>
<td>MIGRATION: MIGRANT WORK</td>
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</tr>
<tr>
<td>M 12</td>
<td>MODERNITY</td>
<td>M 13</td>
</tr>
<tr>
<td>M 2</td>
<td>MARRIAGE: CURRENT MARITAL STATUS</td>
<td>M 3</td>
</tr>
<tr>
<td>M 4</td>
<td>MARRIAGE: PARTNER</td>
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<td>MEDICAL TREATMENT</td>
<td>M 7</td>
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<td>M 8</td>
<td>MIGRATION: OTHER COUNTRY</td>
<td>M 9</td>
</tr>
<tr>
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<td>NATIONALITY</td>
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<tr>
<td>N 3</td>
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<td>ATTITUDES TO THE NATION</td>
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<td>ORGAN TRANSPLANTATION</td>
<td>11</td>
</tr>
<tr>
<td>P 1</td>
<td>PERSONALITY: HISTORY</td>
<td>44</td>
</tr>
<tr>
<td>P 10</td>
<td>POSSESSIONS</td>
<td>26</td>
</tr>
<tr>
<td>P 12</td>
<td>PROBLEMS</td>
<td>20</td>
</tr>
<tr>
<td>P 13</td>
<td>PSYCHO-SOMATIC COMPLAITS</td>
<td>53</td>
</tr>
<tr>
<td>P 2</td>
<td>PERSONALITY: CHANGE</td>
<td>7</td>
</tr>
<tr>
<td>P 3</td>
<td>PERSONALITY: CURRENT ORGANIZATION</td>
<td>7</td>
</tr>
<tr>
<td>P 4</td>
<td>PERSONALITY: CURRENT TRAITS</td>
<td>392</td>
</tr>
<tr>
<td>P 5</td>
<td>PERSONALITY: LATER</td>
<td>23</td>
</tr>
<tr>
<td>P 6</td>
<td>PHYSICAL HEALTH</td>
<td>286</td>
</tr>
<tr>
<td>P 7</td>
<td>PLANNING</td>
<td>7</td>
</tr>
<tr>
<td>P 8</td>
<td>POLITICS</td>
<td>197</td>
</tr>
<tr>
<td>P 9</td>
<td>POPULARITY</td>
<td>22</td>
</tr>
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<td>RELIGION</td>
<td>198</td>
</tr>
<tr>
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<td>RESOURCES</td>
<td>8</td>
</tr>
<tr>
<td>R 3</td>
<td>RETIREMENT</td>
<td>46</td>
</tr>
<tr>
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<td>ROLES</td>
<td>13</td>
</tr>
<tr>
<td>S 1</td>
<td>SCHOOL</td>
<td>92</td>
</tr>
<tr>
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<td>SOCIAL SUPPORT: RECEIVED</td>
<td>26</td>
</tr>
<tr>
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<td>SOCIAL SUPPORT: Provided</td>
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<td>SPORTS</td>
<td>32</td>
</tr>
<tr>
<td>S 13</td>
<td>STIMULANTS</td>
<td>33</td>
</tr>
<tr>
<td>S 14</td>
<td>SUICIDE</td>
<td>4</td>
</tr>
<tr>
<td>S 15</td>
<td>SUMMED EFFECTS ON HAPPINESS</td>
<td>71</td>
</tr>
<tr>
<td>S 2</td>
<td>SELF-IMAGE</td>
<td>193</td>
</tr>
<tr>
<td>S 3</td>
<td>SEX-LIFE</td>
<td>54</td>
</tr>
<tr>
<td>S 4</td>
<td>SLEEP</td>
<td>10</td>
</tr>
<tr>
<td>S 5</td>
<td>SOCIAL MOBILITY</td>
<td>16</td>
</tr>
<tr>
<td>S 6</td>
<td>SOCIAL PARTICIPATION: PERSONAL CONTACTS</td>
<td>50</td>
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<tr>
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<td>SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS</td>
<td>111</td>
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<tr>
<td>S 8</td>
<td>SOCIAL PARTICIPATION: TOTAL (personal + associations)</td>
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<td>SOCIAL STATUS (Socio-Economic Status)</td>
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<td>TIME</td>
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<td>THERAPY</td>
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<td>TOLERANCE</td>
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<td>VALUE CAREER</td>
<td>8</td>
</tr>
<tr>
<td>V 2</td>
<td>VALUES: CURRENT PREFERENCES (own)</td>
<td>49</td>
</tr>
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**Appendix 5  Related Topics**

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<thead>
<tr>
<th>This Topic</th>
<th>Related Topics</th>
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<tbody>
<tr>
<td><strong>Classification Page 1</strong></td>
<td><strong>In Subject List on Appendix 4</strong></td>
</tr>
<tr>
<td>F 2</td>
<td>F 1 FAMILY OF ORIGIN (earlier family for adults, current for young)</td>
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<tr>
<td>FAMILY OF PROCREATION</td>
<td>H 11 HOUSEHOLD: COMPOSITION</td>
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<tr>
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<td>M 1 MARRIAGE: MARITAL STATUS CAREER</td>
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<td>M 3 MARRIAGE: RELATIONSHIP</td>
</tr>
<tr>
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<td>M 4 MARRIAGE: PARTNER</td>
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<td>C 2 CHILDREN: WANT FOR (Parental aspirations)</td>
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<tr>
<td>F 2.1</td>
<td>A 4.1.3 Stage of life</td>
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<tr>
<td>Family career (family life-cycle)</td>
<td>H 11 HOUSEHOLD: COMPOSITION</td>
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<td>H 5.1.1.4 . extremes of happiness experienced</td>
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<td>F 2.2</td>
<td>S 10 SOCIAL SUPPORT: RECEIVED</td>
</tr>
<tr>
<td>Family climate</td>
<td>S 11 SOCIAL SUPPORT: Provided</td>
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<td>M 3.1 Relationship career</td>
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<tr>
<td>F 2.2.1</td>
<td>A. Earlier family-climate</td>
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<tr>
<td>F 2.2.2</td>
<td>H. Change in family-climate</td>
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<tr>
<td>F 2.2.3</td>
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<td>F 2.2.4</td>
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<td>F 2.4</td>
<td>L. Characteristics of family members</td>
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<td>L 6.1.1.1 . burden of earlier life-events</td>
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<td>Hardship in family of procreation</td>
<td>L 6.2.1 Burden of current life-events</td>
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<td>F 1.10 Working mother</td>
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<td>F 2.6</td>
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<td>E 2.2.1 Full-time house-wife</td>
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<td>M 4.2.3.2 . employment of spouse</td>
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<td>F 3.3 Attitudes to family-life</td>
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<td></td>
</tr>
<tr>
<td>Concern about family</td>
<td></td>
</tr>
<tr>
<td>F 2.7.2</td>
<td></td>
</tr>
<tr>
<td>Satisfaction with family</td>
<td></td>
</tr>
</tbody>
</table>

**End of Report**