## Findings on Happiness & EMPLOYMENT

**Correlate Code: E 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>E 2</td>
<td>EMPLOYMENT</td>
</tr>
<tr>
<td>E 2.1</td>
<td>Employment career</td>
</tr>
<tr>
<td>E 2.1.1</td>
<td>Earlier (un)employment</td>
</tr>
<tr>
<td>E 2.1.2</td>
<td>Change in employment</td>
</tr>
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<td>E 2.1.4</td>
<td>Later (un)employment</td>
</tr>
<tr>
<td>E 2.2</td>
<td>Current employment status</td>
</tr>
<tr>
<td>E 2.2.1</td>
<td>Full-time house-wife</td>
</tr>
<tr>
<td>E 2.2.4</td>
<td>Unfit for work</td>
</tr>
<tr>
<td>E 2.2.5</td>
<td>Unemployed involuntary</td>
</tr>
<tr>
<td>E 2.3</td>
<td>Size of current job</td>
</tr>
<tr>
<td>E 2.3.1</td>
<td>Full-time vs part-time</td>
</tr>
<tr>
<td>E 2.3.2</td>
<td>Hours work</td>
</tr>
<tr>
<td>E 2.4</td>
<td>Current employment arrangement</td>
</tr>
<tr>
<td>E 2.5</td>
<td>Current additional jobs</td>
</tr>
<tr>
<td>E 2.5.1</td>
<td>Part-time working of house-wives</td>
</tr>
<tr>
<td>E 2.5.3</td>
<td>Working of students</td>
</tr>
<tr>
<td>E 2.5.4</td>
<td>Multiple jobs</td>
</tr>
<tr>
<td>E 2.6</td>
<td>Attitudes to own (un)employment</td>
</tr>
<tr>
<td>E 2.6.1</td>
<td>Attitudes to earlier (un)employment</td>
</tr>
<tr>
<td>E 2.6.2</td>
<td>Concern about (un)employment</td>
</tr>
<tr>
<td>E 2.6.3</td>
<td>Perceived chances for employment</td>
</tr>
<tr>
<td>E 2.6.4</td>
<td>Aspirations for employment</td>
</tr>
<tr>
<td>E 2.6.5</td>
<td>Satisfaction with current employment status</td>
</tr>
<tr>
<td>E 2.6.5.1</td>
<td>Satisfaction with being a house-wife</td>
</tr>
</tbody>
</table>

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**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

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**Cite as:** Veenhoven, R.: Findings on Happiness & EMPLOYMENT  
World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness  
Erasmus University Rotterdam, 2003, Netherlands
**Findings on Happiness & EMPLOYMENT**

**Correlate Code: E 2**

---

**Study**  
**BRINK 1997A**

*Reported in:* Brinkerhoff, M. & Fredell, K. & Frideres, J.  
Basic minimum needs, Quality of life and selected correlates: explorations in villages  
Social Indicators Research 42 p. 245-281

*Population:* Adult, general public, poor rural village, Barasi, India 1991

*Sample:* Non-probability purposive-quota sample

*Non-Response:* 234  
N: nr

---

**Measured Correlate**

**Class:** EMPLOYMENT  
**Code:** E 2

**Measurement:**  
Family needs prioritized by Paired Comparisons. Out of four basic needs, ss were asked to compare two at a time and to select, which they sought 'their family needs most'  
Items were:  
- food  
- health  
- employment  
- leisure  
This leads to six pairs of comparisons.  
Score pro need can be:  
0. not mentioned  
1. once  
2. twice  
3. three times  
Needs index is the mean number of times an item is chosen.

*Measured Values:*  
O: 1.89%; 1: 12.8%; 2: 19.2%; 3: 34.2%;  
M: 33.8%

*Error Estimates:*

*Remarks:* Items for pairwise comparison were selected by participant observation and open interviews.

---

**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/l/7/a</td>
<td>r=+.0</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLu/?/sq/l/5/a</td>
<td>r=+.10</td>
<td>ns</td>
</tr>
</tbody>
</table>

*Remarks:* Items for pairwise comparison were selected by participant observation and open interviews.

---

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Findings on Happiness & EMPLOYMENT Correlate Code: E 2

**Study**

**BRINK 1997B**

*Reported in:* Brinkerhoff, M. & Fredell, K. & Frideres, J.  
Basic minimum needs, Quality of life and selected correlates: explorations in villages  
Social Indicators Research 42 p. 245-281

*Population:* Adult, general public, poor rural village, Bhopalpani, India 1991

*Sample:* Non-probability purposive-quota sample

*Non-Response:* 108

*N:* not rep

---

**Measured Correlate**

*Class:* EMPLOYMENT  
*Code:* E 2

*Measurement:* Family needs prioritized by Paired Comparisons. Out of four basic needs, subjects were asked to compare two at a time and to select, which they sought 'their family needs most'. Items were: food, health, employment, leisure. This leads to six pairs of comparisons. Score pro need can be: 0: not mentioned, 1: once, 2: twice, 3: three times. Needs index is the mean number of times an item is chosen.

*Measured Values:* 0: 1.85; 1: 3.7; 2: 33.0; 3: 37.6; M: 25.7

*Error Estimates:*

*Remarks:* Items for pairwise comparison were selected by participant observation and open interviews

---

**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/1/7/a</td>
<td>r=+.03</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLu/?/sq/1/5/a</td>
<td>r=+.06</td>
<td>ns</td>
</tr>
</tbody>
</table>

Items for pairwise comparison were selected by participant observation and open interviews
**Study**  
**VENTE 1996**  

**Reported in:** Ventegodt, S.  
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)  

**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:** EMPLOYMENT  
**Code:** E 2

**Measurement:** with/without meaning in life  
unemployed:
- a1: no meaning
- a2: uncertain about meaning
- a3: with meaning in life
employed:
- b1: no meaning
- b2: uncertain about meaning
- b3: with meaning in life

**Measured Values:** N All:4122; %:a1:2,2; a2:3,3; a3:7,5; b1:3,6; b2:14,5; b3:68,9

**Error Estimates:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td><img src="" alt="Table" /></td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td><img src="" alt="Table" /></td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td><img src="" alt="Table" /></td>
<td></td>
</tr>
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</table>
Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

**Study**  
**VENTE 1996**  
*Reported in:* Ventegodt, S.  
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)  
*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:* EMPLOYMENT  
*Code:* E 2  
*Measurement:* (Un)employment with/without satisfaction with sexlife, and daily personal contacts  
0: no daily contacts  
1: daily contacts  
- dissatisfaction with sex life: sex-  
- satisfaction with sex life: sex+

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unemployed</td>
<td>employed</td>
<td></td>
</tr>
<tr>
<td>sex-  sex+</td>
<td>sex-  sex+</td>
<td></td>
</tr>
<tr>
<td>0: M = 4.90</td>
<td>7.05</td>
<td>6.05</td>
</tr>
<tr>
<td>1: M = 6.25</td>
<td>8.04</td>
<td>7.00</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unemployed</td>
<td>employed</td>
<td></td>
</tr>
<tr>
<td>sex-  sex+</td>
<td>sex-  sex+</td>
<td></td>
</tr>
<tr>
<td>0: M = 4.40</td>
<td>6.64</td>
<td>5.03</td>
</tr>
<tr>
<td>1: M = 5.48</td>
<td>7.14</td>
<td>5.96</td>
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<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unemployed</td>
<td>employed</td>
<td></td>
</tr>
<tr>
<td>sex-  sex+</td>
<td>sex-  sex+</td>
<td></td>
</tr>
<tr>
<td>0: M = 4.90</td>
<td>7.05</td>
<td>6.05</td>
</tr>
<tr>
<td>1: M = 6.25</td>
<td>8.04</td>
<td>7.00</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

ALEXA 1968

Some sociological aspects of psychological well-being in a schizophrenic population:
Unpublished doctoral dissertation, 1968, Syracuse University USA

Schizophrenic males non-hospitalized, Monroe County, New York, USA, 1964-65

28%, most of them patients’or family member refusal

N: 178

Earlier (un)employment Code: E 2.1.1

Percentage of time employed during last five years, corrected for time in hospital 0 - 49% / 50 - 89% / 90 - 100%

Measured Values:

Index of Positive Affects:  \( c = +.25 \) (001)
Index of Negative Affects:  \( c = -.07 \) (05)

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-BB/cw/mq/v/4/f | tc=+ | Index of Positive Affects:  \( c = +.25 \) (001)
O-HL/c/sq/v/3/aa | tc=+.21, p<.001 |
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study

**DOBSO 1985**

**Reported in:**
Dobson, C.
Attitudes and Perceptions

**Population:**
50+ aged males, fulltime employed, followed ten years, Iowa, USA, 1964-74

**Sample:**

**Non-Response:**
T1 refusals: 8%
T1-T2 drop-out:
29%, of which
20% deceased

**N:**
T1: 1870, T2: 1319

**Measured Correlate**

**Class:**
Earlier (un)employment  Code: E 2.1.1

**Measurement:**
3. Full time
2. Part time
1. Retired

Employment status 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>M-CO/h/sq/v/4/a</td>
<td>D%=+</td>
<td>% very contented: T1    T2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>full time      58  57</td>
</tr>
<tr>
<td></td>
<td></td>
<td>part-time      53  57</td>
</tr>
<tr>
<td></td>
<td></td>
<td>retired         49  53</td>
</tr>
<tr>
<td></td>
<td></td>
<td>all              54  55</td>
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</table>

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### Study

**HALMA 1987**

**Reported in:**
Halman, L., Heunks, F., de Moor, R. and Zanders, H.
Traditie, secularisatie en individualisering. A study into the values of the Dutch in a
368-379

**Population:**
18 + aged, general public, 10 EU nations, 1981

**Sample:**

**Non-Response:**
N: 12464

### Measured Correlate

**Class:** Earlier (un)employment  Code: E 2.1.1

**Measurement:** Direct question: "Do you work? If so, how many hours a week?" (order revered)
1 Fulltime
2 Parttime
3 Independent
4 Unemployed
5 Retired
6 Housewife
7 Student

**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>
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<td>France</td>
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<td></td>
<td>Beta=+.1</td>
<td>Great-Britain</td>
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<tr>
<td></td>
<td>Beta&lt;=.1</td>
<td>West-Germany</td>
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<tr>
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<td>Beta&lt;=.1</td>
<td>Italy</td>
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<td>Beta&lt;=.1</td>
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<td>Denmark</td>
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<tr>
<td></td>
<td>Beta&lt;=.1</td>
<td>Belgium</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Spain</td>
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<tr>
<td></td>
<td>Beta=+.1</td>
<td>Ireland</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Northern Ireland</td>
</tr>
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</table>
Beta = < .1

EC

β's controlled for: marital status, income, age, type of dwelling, having children, social participation, education.
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

**Study**

**HANSO 1983**

*Reported in:* Hanson, S.L. & Spanier, G.B.

Family development and adjustment to marital separation.


*Population:* Recently separated, followed 2 years, County, Pennsylvania, USA, 1977-79

*Sample:*

*Non-Response:* T1: 39 %, T2: 48 %

*N:* 210

**Measured Correlate**

*Class:* Earlier (un)employment  
Code: E 2.1.1

*Measurement:* Not employed vs employed

assessed both at T1 and T2

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

*Happiness Query*  
Statistics  
Remarks

A-BB/cm/mq/v/2/a  
B=+-  
Association with level of happiness:
- T1 status by T1 happiness: b = - (ns)
- T2 status by T2 happiness: b = + (01)

B=+  
Association with change in happiness T1 - T2:
- T1 status by change happiness: b = + (01)
- T2 status by change happiness: b = + (ns)

b's controlled for: age, sexe, education, income, occupational status, and family history

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Study NEUBE 1978/1

Reported in: Neuberger, O. & Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Work-
Verlag hans Huber, 1978, Bern, Switzerland

Population: Employees, industry or service sector, Austria and West Germany, ±1970

Sample:
Non-Response:
N: 5592

Measured Correlate

Class: Earlier (un)employment Code: E 2.1.1

Measurement:
<1 year
1-3 years
3-5 years
>5 years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLS/c/sq/t/7/a E²=.01 ns <1 year M=5.06 Mt' =6.77
1-3 years M=5.06 Mt' =6.77
3-5 years M=5.04 Mt' =6.73
>5 years M=5.03 Mt' =6.72
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study | ORMEL 1980
--- | ---
Reported in: | Ormel, H.

Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life)

Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.

Population: | 15-60 aged, general public, followed 12 month, The Netherlands, 1967-77

Sample: | Non-Response: 18%
N: 296

Measured Correlate

Class: Earlier (un)employment Code: E 2.1.1

Measurement:
0 Payed work outside the house
1 Unemployed

Assessed at T2 (1976)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v/4/c</td>
<td>r = -.36  p &lt; .01</td>
<td>T2 happiness by T2 unemployment</td>
</tr>
<tr>
<td></td>
<td>r = -.18  p &lt; .01</td>
<td>T3 happiness by T2 unemployment</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

PALS 1987

Reported in: Palisi, B.J.
Effects of Urbanism, Race and Class on Happiness and physical health

Population: 18+ aged, general public, non-institutionalized, USA, 1972-1983

Sample: 

Non-Response:

N: 15.320 (13.312 whites and 2008 blacks)

Measured Correlate

Class: Earlier (un)employment Code: E 2.1.1

Measurement:

Ever unemployed during the past ten years

0 Never unemployed or looking for work for at least a month
1 Ever unemployed

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>r=-.03 ns</td>
<td>Whites, Central City, Largest SMSA, Less H.S.</td>
</tr>
<tr>
<td></td>
<td>r=-.21 p&lt;.01</td>
<td>Blacks, Central City, Largest SMSA, Less H.S.</td>
</tr>
<tr>
<td></td>
<td>r=-.15 p&lt;.001</td>
<td>Whites, Central City, Next Large SMSA, Less H.S.</td>
</tr>
<tr>
<td></td>
<td>Beta=-.2</td>
<td></td>
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<tr>
<td></td>
<td>r=-.33 p&lt;.001</td>
<td>Blacks, Central City, Next Large SMSA, Less H.S.</td>
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<tr>
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<td>Beta=-.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>r=-.08 p&lt;.05</td>
<td>Whites, Suburbs, Less H.S.</td>
</tr>
<tr>
<td></td>
<td>r=+.11 p&lt;.001</td>
<td>Blacks, Suburbs, Less H.S.</td>
</tr>
<tr>
<td></td>
<td>Beta=-.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>r=-.15 ns</td>
<td>Whites, Rural, Less H.S.</td>
</tr>
<tr>
<td></td>
<td>Beta=-.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>r=-.17 ns</td>
<td>Blacks, Rural, Less H.S.</td>
</tr>
</tbody>
</table>

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Findings on Happiness & EMPLOYMENT  

Correlate Code: E 2

Beta=-.1

r=-.11  ns  Whites, Central City, Largest SMSA, H.S. Grad.
r=-.20  p<.01  Blacks, Central City, Largest SMSA, H.S. Grad.
r=-.10  p<.01  Whites, Central City, Next Large SMSA, H.S. Grad.
Beta=-.1

r=-.09  ns  Blacks, Central City, Next Large SMSA, H.S. Grad.
r=-.14  p<.001  Whites, Suburbs, H.S. Grad.
r=-.12  ns  Blacks, Suburbs, H.S. Grad.
Beta=-.2

r=-.15  p<.001  Whites, Rural, H.S. Grad.
Beta=-.0

r=-.17  p<.05  Blacks, Rural, H.S. Grad.
r=-.20  p<.01  Whites, Central City, Largest SMSA, College 
r=-.29  ns  Blacks, Central City, Largest SMSA, College 
r=-.14  p<.01  Whites, Central City, Next Large SMSA, College 
r=-.03  ns  Blacks, Central City, Next Large SMSA, College 
r=-.23  p<.001  Whites, Suburbs, College 
r=-.11  ns  Blacks, Suburbs, College 
r=-.12  p<.001  Whites, Rural, College 

r=+.19  ns  Blacks, Rural, College

β controlled for size of town, age, gender, race and education.
Study

PALIS 1987

Reported in: Palisi, B.J.
Effects of Urbanism, Race and Class on Happiness and physical health

Population: 18+ aged, general public, non-institutionalized, USA, 1972-1983

Sample:

Non-Response:
N: 15.320 (13.312 whites and 2008 blacks)

Measured Correlate

Class: Earlier (un)employment Code: E 2.1.1

Measurement: Ever unemployed during the past ten years
0 Never unemployed or looking for work for at least a month
1 Ever unemployed

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

<table>
<thead>
<tr>
<th>Study</th>
<th>PALIS 1987</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Palisi, B.J.</td>
</tr>
<tr>
<td>Effects of Urbanism, Race and Class on Happiness and physical health</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non-institutionalized, USA, 1972-1983</td>
</tr>
<tr>
<td>Sample:</td>
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<tr>
<td>Non-Response:</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>15.320 (13.312 whites and 2008 blacks)</td>
</tr>
</tbody>
</table>

Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Earlier (un)employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>E 2.1.1</td>
</tr>
<tr>
<td>Measurement:</td>
<td>Ever unemployed during the past ten years</td>
</tr>
<tr>
<td>0</td>
<td>Never unemployed or looking for work for at least a month</td>
</tr>
<tr>
<td>1</td>
<td>Ever unemployed</td>
</tr>
</tbody>
</table>

Measured Values: 

Error Estimates: 

Remarks: 

Observed Relation with Happiness
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Study PALIS 1987

Reported in: Palisi, B.J.
Effects of Urbanism, Race and Class on Happiness and physical health

Population: 18+ aged, general public, non-institutionalized, USA, 1972-1983

Sample:

Non-Response:
N: 15.320 (13.312 whites and 2008 blacks)

Measured Correlate

Class: Earlier (un)employment Code: E 2.1.1

Measurement: Ever unemployed during the past ten years
0 Never unemployed or looking for work for at least a month
1 Ever unemployed

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/aa r=-.03 ns Whites, Central City, Largest SMSA, Less H.S
r=-.21 p<.01 Blacks, Central City, Largest SMSA, Less H.S
r=-.15 p<.001 Whites, Central City, Next Large SMSA, Less H.S.
Beta=-.2
r=-.33 p<.001 Blacks, Central City, Next Large SMSA, Less H.S.
Beta=-.1
r=-.08 p<.05 Whites, Suburbs, Less H.S.
r=+.11 p<.001 Blacks, Suburbs, Less H.S.
Beta=-.2
r=-.15 ns Whites, Rural, Less H.S.
Beta=-.1
r=-.17 ns Blacks, Rural, Less H.S.

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 18 of 275
Beta = -.1

r = -.11  ns  Whites, Central City, Largest SMSA, H.S. Grad.
r = -.20  p < .01  Blacks, Central City, Largest SMSA, H.S. Grad.

r = -.10  p < .01  Whites, Central City, Next Large SMSA, H.S. Grad.
Beta = -.1

r = -.09  ns  Blacks, Central City, Next Large SMSA, H.S. Grad.

r = -.14  p < .001  Whites, Suburbs, H.S. Grad.
r = -.12  ns  Blacks, Suburbs, H.S. Grad.

Beta = -.2

r = -.15  p < .001  Whites, Rural, H.S. Grad.
Beta = -.0

r = -.17  p < .05  Blacks, Rural, H.S. Grad.

r = -.20  p < .01  Whites, Central City, Largest SMSA, College
r = -.29  ns  Blacks, Central City, Largest SMSA, College

r = -.14  p < .01  Whites, Central City, Next Large SMSA, College
r = -.03  ns  Blacks, Central City, Next Large SMSA, College

r = -.23  p < .001  Whites, Suburbs, College
r = -.11  ns  Blacks, Suburbs, College

r = -.12  p < .001  Whites, Rural, College
r = + .19  ns  Blacks, Rural, College

ß controled for size of town, age, gender, race and education.
Findings on Happiness & EMPLOYMENT  

**Study**  
**BRADB 1969**  

*Reported in:* Bradburn, N.M.  
The structure of psychological well-being  
Aldine Publishing Company, 1969, Chicago, USA  

*Population:* 21-60 aged, general public, urban areas, USA, 1963 - 64  

*Sample:*  

*Non-Response:* ± 20%, Attrition  
± 30%  

*N:* 2787  

---  

**Measured Correlate**  

*Class:* Change in employment  
Code: E 2.1.2  

*Measurement:*  
Change in employment over 10 months period.  
Employment status assessed at:  
T1: January 1963  
T3: Oktober 1963  

---  

- Falling unemployed  
  0 stayed employed  
  1 fell unemployed  

- Getting employed  
  0 stayed unemployed  
  1 got employed  

- Staying unemployed  
  0 stayed employed  
  1 stayed unemployed  

---  

*Measured Values:*  
*Error Estimates:*  

*Remarks:* CHANGE in employment by CHANGE in happiness.  
Happiness (Affect Balance) assessed at T1 and T3.  
Computed for chief wage owners only.  

Change in happiness expressed in change ( ) in average ridits (RT).  
- T1 employed, T3 employed  
  RT = .49  
- T1 employed, T3 unemployed  
  RT = .36  
- T1 unemployed, T3 employed  
  RT = .53  

---  

World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

- T1 unemployed, T3 unemployed          RT=.48

Ridit analysis compares distribution in category with distribution in total sample. RT above .50 means relative increase, RT below .50 relative decrease.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>DMr=-.1</td>
<td>CHANGE in employment by CHANGE in happiness. Happiness (Affect Balance) assessed at T1 and T3. Computed for chief wage owners only. Change in happiness expressed in change ( ) in average ridits (RT).</td>
</tr>
<tr>
<td></td>
<td>DMr=+.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DMr=+.0</td>
<td></td>
</tr>
</tbody>
</table>

- T1 employed, T3 employed          RT=.49
- T1 employed, T3 unemployed         RT=.36
- T1 unemployed, T3 employed          RT=.53
- T1 unemployed, T3 unemployed         RT=.48

Ridit analysis compares distribution in category with distribution in total sample. RT above .50 means relative increase, RT below .50 relative decrease.
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Study FEATH 1986 Page in Report: 131-134

Reported in: Feather, N.T. & O’Brien, G.E.
A longitudinal study of the effects of employment and unemployment on school-leavers.

Population: School-leavers followed 2 years, Australia, 1980-1982

Sample: Non-Response: T2: 25%, T3: 34%
N: 5446

Measured Correlate

Class: Change in employment Code: E 2.1.2
Measurement: 0 Employed at T2/T3.
1 Unemployed at T2/T3

Measured Values:

Error Estimates:

T1 and T2 happiness by T2 employment(sample A):
T2-empl. T2 unempl. difference

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-CP/g/mq/n/24/a AoV=+ ns
happiness at T1 Mt’ = 6.53 Mt’ = 6.46 - .07
happiness at T2 Mt’ = 6.61 Mt’ = 6.16 - .45
Interaction employment x time (nonsignificant):
happiness T1 to T2 +.08 -.30 -.38
T1 and T2 happiness by T2 employment(sample A):
T3-empl. T3 unempl. difference

AoV=- p<.01
happiness at T1 Mt’ = 6.60 Mt’ = 6.36 - .24
happiness at T3 Mt’ = 6.50 Mt’ = 5.80 - .70
Interaction employment x time (p<.01):
happiness T1 to T3 -.10 -.56 -.46
T2 and T3 happiness by T3 employment(sample A+B):
T3-empl. T3 unempl. difference
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

AoV= p < .01

happiness at T2  Mt' = 6.27  Mt'' = 5.93  -.34
happiness at T3  Mt' = 6.43  Mt'' = 5.60  -.83

Interaction employment x time ( p < .01):

happiness  T2 to T3       +.16      -.33  -.49

Significance assessed by variance-analysis, also involving employment.

The original depression score is ranging from 4 to 28. Mt' is standardized into a happiness score (0-10 and reversed)

Possible testing effects checked by comparing three sub-samples:
- sample A: selected at T1, tested at T1, T2, T3
- sample B: selected at T1, tested at T2 and T3
- sample C: selected at T1, tested at T3 only

At T3 happiness appeared lower in sample A than in sample B, but there is little evidence for systematic testing effects.
Findings on Happiness & EMPLOYMENT

Study

KIRCH 1984

Reported in: Kirchler, E.
Everyday-experiences of unemployed - well-being, activity structure and social
Psychologie und Praxis, Zeitschrift für Arbeits- und Organisationspsychologie, 1984,
28 (N.F. 2)

Population: Unemployed, followed 6 months after job loss, Linz Austria, 1983

Sample:

Non-Response: Dropout due to refusal 23%

N: 31

Measured Correlate

Class: Change in employment Code: E 2.1.2

Measurement:
0 Found a job (N=17)
1 Remained unemployed (N=11)

Happiness was assessed at four times after falling unemployed:
T1 1 month
T2 2 month
T3 3 month
T4 6 month

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/mi/sqr/v/5/a DMt=- p<.01 unemployed re-employed
T1 Mt' = 7.99
T2 Mt' = 8.21 8.67
T3 Mt' = 8.12 8.73
T4 Mt' = 7.70 8.78

The newly employed remain equally happy after finding a job, while the happiness of Ss who remain unemployed decreases from T3 to T4.

The effect of unemployment is similar in three personality types (social sensitive dependents and self-assured dominants). Insecure-submissive improve most after re-employment.
### Study

**SHAMI 1985/B**

*Reported in:* Shamir, B.  

*Population:* 27-47 aged academics, unemployed and reemployed, Israel, 1983

*Sample:*

*Non-Response:* 61.5 %  
*N:* 432

### Measured Correlate

*Class:* Change in employment  
*Code:* E 2.1.2

*Measurement:* still unemployed vs. reemployed

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/5/d</td>
<td>AoV=+ p&lt;.001</td>
<td></td>
</tr>
</tbody>
</table>
males: difference s  
- reemployed: M = 3.9 M t' = 7.3  
- unemployed: M = 3.2 M t' = 5.5  

females: difference ns  
- reemployed: M = 3.6 M t' = 6.5  
- unemployed: M = 3.4 M t' = 6  

Interaction effect sex/employment: s (0.01)
Findings on Happiness & EMPLOYMENT

Comparison of Ss who were employed at T1 (N = 473) vs. still unemployed at T2 (N = 1100). Does happiness lead into idleness? Veenhoven, R. (ed): "How Harmful is happiness? Consequences of enjoying life or not", Universitaire Pers Rotterdam, 1989

Population: 30-50 aged, in working force, followed 1 year, urban areas, Netherlands, 1983-84

Non-Response: T1-T2 attrition: 27%

Sample:

Measured Correlate

Class: Change in employment Code: E 2.1.2

Measurement: Comparison of Ss who were employed at T1 (N = 473) vs. still unemployed at T2 (N = 1100)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-BB/cm/mq/v2/a | r=+.09 p<.03 | Partial correlations controlling educational level, health status, life-situation and employment situations are all lower. This means that these variables do not mask a stronger relationship between happiness and employment. Happiness does not add to re-employment through positive effects on health and attitudes.
Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

**Study**  
**VERKL 1989**  

*Reported in:* Verkley, H. & Stolk, J.

Does happiness lead into idleness?

Veenhoven, R. (ed):“How Harmfull is happiness? Consequences of enjoying life or not”,Universitaire Pers Rotterdam,1989

*Population:* 30-50 aged, in working force, followed 1 year, urban areas, Netherlands, 1983-84

*Sample:* T1-T2 attrition:
27%

*N:* 1100

---

**Measured Correlate**

*Class:* Change in employment  
*Code:* E 2.1.2

*Measurement:*  
Comparison of Ss employed at T1 (N=623)  
0 Still employed at T2  
1 Dismissed at T2 (N=50)

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>r=-.09  p&lt;.01</td>
<td>Partial correlations controlling educational level, health status, and employment situation are all lower. This means that these variables do not mask a stronger correlation between happiness and job loss</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 27 of 275
Study  
**BACHM 1978**

*Reported in:* Bachman, J. G., O’Malley, P. M., Johnston, J.
Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the lives
Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978

*Population:* Public highschool boys followed 8 years from grade 10, USA, 1966-74

*Sample:*

*Non-Response:* 2.8% at T1,
17.2% at T2,
21.0% at T3,
28.9% at T4,
28.5% at T5

*N:* T1 - T5:
2213/1886/1799/
1620/1628

**Measured Correlate**

*Class:* Later (un)employment Code: E 2.1.4

*Measurement:* Employment status at T5;
1 = employed, 0 = not employed

**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/mq/v/5/a</td>
<td>tau=+ ns</td>
<td>T1 happiness: _ = + .05 (ns)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2 happiness: _ = .00 (ns)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T3 happiness: _ = + .06 (ns)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T4 happiness: _ = + .01 (ns)</td>
</tr>
</tbody>
</table>

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

**Reported in:** Abe, T & Moritsuka, T  
A case-control study on climacteric symptoms and complaints of Japanese women  
Maturitas 1986, vol 8, p 255-265

**Population:** Women in menopause patient and controls, Miyagi, North-east Japan, 1981-82.

**Sample:** Non-probability chunk sample

**Non-Response:** 20% (cases 21%, controls 19%)

**N:** Patients: 216  
Controls: 216

---

### Measured Correlate

**Class:** Current employment status  
Code: E 2.2

**Measurement:** Single direct question

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness
### Study

**ABE 1986**

*Reported in:* Abe, T & Moritsuka, T  
A case-control study on climacteric symptoms and complaints of Japanese women  
*Maturitas* 1986, vol 8, p 255-265

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Controls: 216

---

### Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:** Single direct question

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SL?/c/sq/v/3/a</td>
<td>DM= ns</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

**Study**  
**ALEXA 1968**  
*Reported in:* Alexander, W.E.  

**Population:** Schizophrenic males non-hospitalized, Monroe County, New York, USA, 1964-65

**Sample:**

**Non-Response:** 28%, most of them patients'or family member refusal  

*N:* 178

---

**Measured Correlate**  
*Class:* Current employment status  
*Code:* E 2.2  
*Measurement:* Unemployed vs employed

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v/4/f</td>
<td>tc=+</td>
<td>Index of Positive Affects: <em>c = +.19 (001)</em></td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>tc=+.25</td>
<td>Index of Negative Affects: <em>c = -.02 (ns)</em></td>
</tr>
<tr>
<td></td>
<td>p&lt;.001</td>
<td></td>
</tr>
</tbody>
</table>

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

**BENDO 1974**

**Reported in:** Bendo, A.A. & Feldman, H.  
A comparison of the self-concept of low-income women with and without husbands  

**Population:** Low-income women with children, small cities and rural areas, New York State, USA, 1970

**Sample:**

**Non-Response:** -

**N:** 1325

### Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:** 0 Non-employed  
1 Employed

**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>
| M-FH/u/sq/v/5/c  | DM = +     | Not among husband-present females.  
Positive among husband-absent females. |
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study  BOELH 1999

Reported in: Boelhouwer, J. & Stoop, I.
Measuring Well-Being in the Netherlands
Social Indicators Research, vol 48, 51-75, 1999


Sample: Probability sample (unspecified)

Non-Response:
N: ±3500 each year

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement:

Respondent or spouse has ......
1 no paid job
2 paid job

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-HP/u/sq/v/5/a  Beta=+.0  1974
Beta=+.0  1977
Beta=+.1  1980
Beta=+.0  1983
Beta=+.0  1986
Beta=+.1  1989
Beta=+.1  1990
Beta=+.1  1991
Beta=+.1  1992
Beta=+.1  1993
Beta's controlled for
- age
- education
- income (level and source)
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

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: Current employment status Code: E 2.2

Measurement:
1. Self-employed
2. Employed
3. Part-time employed
4. Unemployed
5. Retired
6. Not in labour force (full-time housewives; disabled; etc.)

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>G=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Males: G' = +.33 (05)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Females: G' = +.02 (ns)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Males: G' = +.20 (01)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Females: G' = +.20 (ns)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Computed for females only: G' = +.07 (ns)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Males: G' = -.41 (01)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Females: G' = -.28 (ns)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Males: G' = -.29 (01)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Females: G' = -.27 (05)</td>
<td></td>
</tr>
</tbody>
</table>
The Gammas are based on a comparison of those reporting 'not too happy' in the occupational group mentioned and in the entire population.
Findings on Happiness & EMPLOYMENT

**Study**

**BULAT 1973**

*Reported in:* Bulatao, R.A.
*Measures of happiness among Manila residents*

*Population:* 21+ aged, general public, Metro Manila, Philippines, 1972

*Sample:
Non-Response: -
N: 941*

---

**Measured Correlate**

*Class:* Current employment status  Code: E 2.2

*Measurement:* Not in labor force / unemployed / employed

*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>
| A-BB/cw/mq/v/4/b | G= +       | Index of Positive Affects:  
Males : G = +.03  
Females : G = +.03 |
|                  |            | Index of Negative Affects:  
Males : G = -.06  
Females : G = -.13 |
| O-BW/c/sq/l11/a  | G= +       | Males : G = +.10  
Females : G = +.22 |
| O-HL/c/sq/v/3/f   | G= +       | Males : G = +.18  
Females : G = +.15 |

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## Study

**CAMPB 1976**  
*Reported in:* Campbell, A., Converse, P.E. & Rodgers, W.L.  
The Quality of American life  
Russell Sage Foundation, New York, 1976  
*Population:* 18+ aged, general public, non-institutionalized USA, 1971  
*Sample:*  
*Non-Response:* 20%  
*N:* 2164  

## Measured Correlate

*Class:* Current employment status  
*Code:* E 2.2  
*Measurement:*  
- 0 Housewives  
- 1 Working women (single and married)  
- 0 Retired males  
- 1 Working males (single and married)  

*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-SLW/c/sq/n/7/a</td>
<td>G=-.24</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>G=-.23</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

[58x712]Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

In the study, the pattern of human concerns is measured. Cantril, H. published the findings in "The pattern of human concerns." in New Brunswick, Rutgers University Press, New Jersey, 1965.

Population: Adults, general public, 14 countries ±1960

Sample:

Non-Response: -

N: 18,653 (See "Remarks")

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement:

0 All
1 Non-labor (including housewives)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
---|---|---
O-BW/c/sq/l/11/a | G=+.04 ns | Gamma is based on the difference in happiness between the 'non-labor' category and the entire population (including 'non-labor'). Housewives were not considered as 'non-labor'.

Remarks:

"Remarks"
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study
CANTR 1971
Reported in: Cantril, A.H. & Roll, C.W. Jr
Hopes and fears of the American people.
Population: 21+ aged, general public, non-institutionalized, USA, 1964-71
Sample:
Non-Response:
N: 1588

Measured Correlate
Class: Current employment status
Code: E 2.2
Measurement: 0 All
1 Non-labor

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness
Happiness Query  Statistics  Remarks
O-BW/c/sq/l/11/a  DMt=±0
**Findings on Happiness & EMPLOYMENT**

**CHERL 1975**

*Reported in:* Cherlin, A. & Reeder, L.G.
The dimensions of psychological well-being. A critical review.
Sociological Methods & Research, 1975, vol.4, p. 189-214

*Population:* Adults, general public, Los Angeles County, USA, 1972-73

*Sample:*


---

**Measured Correlate**

*Class:* Current employment status  
*Code:* E 2.2

*Measurement:*
- 0 Not working
- 1 Working full or part-time

---

**Observed Relation with Happiness**

*Happiness Query*  | *Statistics* | *Remarks*
---|---|---
A-BB/cm/mq/v/2/a  |  
| r=+.11 ns  | 1972: Index of Positive Affects: r = +.14 (001)  
Index of Negative Affects: r = -.02 (ns)
|  
| r=+.17 p<.001  | 1973: Index of Positive Affects: r = +.18 (001)  
Index of Negative Affects: r = -.08 (01)

*Remarks:*

Unaffected by sex.
Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

Study          COHEN 1982  Page in Report: 382

  Reported in:  Cohen, P.; Struening, E.L.; Muhlin, G., L.; Genevie, L., E.; et al
Community stressors, mediating conditions and wellbeing in urban neighborhoods.

  Population:  18-55 aged, general public, New York City, 1979

  Sample:

  Non-Response:

    N:  602

Measured Correlate

  Class:  Current employment status  Code: E 2.2

  Measurement:

    0: unemployed
    1: employed

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BC/cm/mq/v/4/a</td>
<td>r = .19</td>
<td>p &lt; .01</td>
</tr>
<tr>
<td>DMt=+</td>
<td></td>
<td>0: Mt'  = 5.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1: Mt'  = 6.3</td>
</tr>
</tbody>
</table>

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### Study: FESSE 1985

**Reported in:** Fessel

Soziologische und Psychologische Ursachen des Wertwandel-Phanomens

Research report, Institut fur empirische Sozialforchung IFES, 85/45.412, Vienna, Austria

**Population:** 14+ aged, general public, Austria, 1985

**Sample:**

**Non-Response:** ?

**N:** 1027

### Measured Correlate

**Class:** Current employment status Code: E 2.2

**Measurement:**

1. not working
   a. pensioners
   b. other not working
2. working

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**

A-AOL/g/sq/v/3/d

**Statistics**

DMt=

**Remarks**

1a. Mt' = 7.55

1b. Mt' = 7.40 males 7.25, females 7.55

2. Mt' = 7.25 males 7.15, females 7.40
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study

FOGAR 1985

Reported in: Fogarty, M.
British attitudes to work

Population: Adults, general public, Britain, 1981

Sample:

Non-Response: ?

N: 1231

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement:

0 All 1 Unemployed

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>DM=-</td>
<td>unemployed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>whole population</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/10/aa</td>
<td>DM=-</td>
<td>unemployed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>whole population</td>
</tr>
</tbody>
</table>

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Findings on Happiness & EMPLOYMENT

Study: **FOGAR 1985**

*Reported in:* Fogarty, M.

British attitudes to work


*Population:* Adults, general public, Britain, 1981

*Sample:*

*Non-Response:* ?

*N:* 1231

**Measured Correlate**

*Class:* Current employment status  
*Code:* E 2.2

*Measurement:*

0 All
1 Unemployed

**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/u/sq/v/4/a</td>
<td>D%= -</td>
<td>unemployed 27% very happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>whole population 38%</td>
</tr>
</tbody>
</table>

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Findings on Happiness & EMPLOYMENT

Study  
GARRI 1973

Reported in: Garrity, T.F.
Social involvement and activeness as predictors of morale six months after first heart attack.

Population: White males, heart-attack survivors, Durham, North-Carolina, USA, 1970

Sample:

Non-Response: 20%
N: 56

Measured Correlate

Class: Current employment status  Code: E 2.2

Measurement:
0 Not employed
1 Employed

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>M-FH/c/sq/l/11/a</td>
<td>r=.36</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

The relationship disappears when controlled for self-perceived health.
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Study
GEORG 1978

Reported in: George, L.K.
The impact of personality and social status factors upon the levels of activity and psychological well-being Journal of Gerontology, vol 33, 1978, 840-847

Population: 50+ aged, whites, Durham, North Carolina, USA, 197?

Sample:
Non-Response:
N: 380

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement:
0 No employment
1 Currently employed

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a Beta=-.0 ns β controled for the sociodemographic variables: sex/age/education/occupational prestige/health impairment/marital status.

Beta= β = -.09 ns after control for the sociodemographic variables: sex/age/occupational prestige/health impairment/marital status.

Beta= β = -.07 p < .01 after further control for the Cattell personality variables.

Beta=-.0 p<.01 β controled for the Cattel personality variables.
Findings on Happiness & EMPLOYMENT

\(\text{Correlate Code: E 2}\)

**Study**

**GOEDE 1987**

\(\text{Page in Report:} 120\)

**Reported in:** De Goede, M.P.M. & Maassen, G.H.

Not young and not old: differences in coping with unemployment. (Niet oud en niet
Netherlands, p. 115-127

**Population:** 25-55 aged males, unemployeds and controls, The Netherlands, 1982/2

**Sample:**

- **Non-Response:** 0%
- **N:** 210, control
  group 173

**Measured Correlate**

- **Class:** Current employment status
  Code: E 2.2

- **Measurement:**
  - 0 Employed
  - 1 Unemployed.
  - Unemployed are either longer than three months registered at the labour office or declared medically unfit for working.

**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>
| M-FH/u/sq/v/5/b | G= -.84 p<.01 | Unemployed N: 210
  Employed N: 173
  very happy
  happy
  so un
  unhappy
  very unhappy
  3 % 28 % 25 % 33 % 11 % 8 %
  14 % 75 % 2 % 0 %
Findings on Happiness & EMPLOYMENT

**Study**

**HAAVI 1971**

Reported in: Haavio-Mannila, E.
Satisfaction with family, work, leisure and life among men and women.

Population: 15-64 aged, general public, Finland, 1966

Sample:

Non-Response: N: 948

**Measured Correlate**

Class: Current employment status
Code: E 2.2

Measurement:

- 0 Non-employed
- 1 Employed

**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-SLW/?/sq/v/3/b</td>
<td>G=-.02 ns</td>
<td>Computed for females only. Gamma based on proportion 'very satisfied'. Stronger among females with husbands of high S.E.S. Slightly reversed among females with husbands of low S.E.S.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

**HALMA 1987***

**Reported in:** Halman, L., Heunks, F., de Moor, R. and Zanders, H.

**Population:** 18+ aged, general public, 10 EU nations, 1981

**Sample:**

**Non-Response:**

| N: | 12464 |

**Measured Correlate**

**Class:** Current employment status Code: E 2.2

**Measurement:** Direct question: "Do you work? If so, how many hours a week? Are you..." (Order reversed).
1 Full time
2 Part time
3 Independent
4 Retired
5 Housewife
6 Student

**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/u/sq/v/4/a</td>
<td>r=.03</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>r=.05</td>
<td>Great-Britain</td>
</tr>
<tr>
<td></td>
<td>r=.01</td>
<td>West Germany</td>
</tr>
<tr>
<td></td>
<td>r=.10</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>r=.07</td>
<td>Denmark</td>
</tr>
<tr>
<td></td>
<td>r=.06</td>
<td>Belgium</td>
</tr>
<tr>
<td></td>
<td>r=.05</td>
<td>Spain</td>
</tr>
<tr>
<td></td>
<td>r=.06</td>
<td>Ireland</td>
</tr>
<tr>
<td></td>
<td>r=.02</td>
<td>Northern Ireland</td>
</tr>
</tbody>
</table>

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DMt=+

<table>
<thead>
<tr>
<th>Employment Status</th>
<th>Mean Happiness (Mt')</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full time</td>
<td>7.11</td>
</tr>
<tr>
<td>Part time</td>
<td>7.11</td>
</tr>
<tr>
<td>Independent</td>
<td>6.89</td>
</tr>
<tr>
<td>Unemployed</td>
<td>6.33</td>
</tr>
<tr>
<td>Retired</td>
<td>6.44</td>
</tr>
<tr>
<td>Housewife</td>
<td>7.00</td>
</tr>
<tr>
<td>Student</td>
<td>7.00</td>
</tr>
</tbody>
</table>

Beta=

Except for Northern Ireland (β = -.16) in none of the European countries, β weights of this variable reached .10 level in multiple regression analysis, when controlling for: life satisfaction (HAPP 2.1), affect (AFF 2.3); satisfaction with income, health and family life; age, income, male sex, marital status, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; tolerance, loneliness, misanthropy, hopeless about life and sense of control.
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study: HANSO 1983

Reported in: Hanson, S.L. & Spanier, G.B.
Family development and adjustment to marital separation.

Population: Recently separated, followed 2 years, County, Pennsylvania, USA, 1977-79

Sample:
Non-Response: T1: 39 %, T2: 48 %
N: 210

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement: Not employed vs employed assessed both at T1 and T2

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

A-BB/cm/mq/v/2/a B=+- Association with level of happiness:
- T1 status by T1 happiness: b = - (ns)
- T2 status by T2 happiness: b = + (01)

B= + Association with change in happiness T1 - T2:
- T1 status by change happiness: b = + (01)
- T2 status by change happiness: b = + (ns)

b's controlled for: age, sexe, education, income, occupational status, and family history
<table>
<thead>
<tr>
<th>Study</th>
<th>HENLE 1967</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Henley, B. &amp; Davis, M.S.</td>
</tr>
<tr>
<td>Satisfaction and dissatisfaction: A study of the chronically-ill aged patient.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>60+ aged chronically-ill, followed three years, USA, 1959-62</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>24% not available because of death, mental deterioration, unknown address or r</td>
</tr>
<tr>
<td>N:</td>
<td>167 (dropout at T2 46%)</td>
</tr>
<tr>
<td>Measured Correlate</td>
<td></td>
</tr>
<tr>
<td>Class:</td>
<td>Current employment status Code: E 2.2</td>
</tr>
<tr>
<td>Measurement:</td>
<td>0 Unemployed</td>
</tr>
<tr>
<td>1 Employed</td>
<td></td>
</tr>
<tr>
<td>Measured Values:</td>
<td></td>
</tr>
<tr>
<td>Error Estimates:</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLL/g/sq/v/4/a</td>
<td>G=+.46 p&lt;.05</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

**Study**

**HERZO 1982/1**

**Reported in:** Herzog, A.R., Rodgers, W.L. and Woodworth, J.
Subjective well-being among different age groups
Research report series, Institute for social research, The University of Michigan, 1982

**Population:** 25-97 aged, general public, non-institutionalized, USA, 1971-78

**Sample:**

**Non-Response:**

**N:** 1000 to 2000 each dataset

---

### Measured Correlate

**Class:** Current employment status Code: E 2.2

**Measurement:**

0. Not working
1. Working

**Measured Values:**

**Error Estimates:**

**Remarks:**

DATASETS:
1: 1972, N=1955, SI study, see ANDRE 1976
4: 1976, N=707, Omnibus Survey
5: 1974-1975, N=1077, S.I. study, Detroit Area
6: 1971, N=1822, QOL Survey, See CAMPB 1975

---

### Observed Relation with Happiness

**Happiness Query**

**Statistics**

**Remarks**

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

Beta=-.0 ns

DATASET 1: β identical across age. β controlled for gender, family income, education, race and marital status.

**O-HL/c/sq/v/3/aa**

Beta=+.0 ns

DATASET 2: β lower among 45-64/65-97 aged. β controlled for gender, family income, education, race and marital status and health.

**O-HL/c/sq/v/3/aa**

Beta=-.0 ns

DATASET 1: β identical across age. β controlled for gender, race, family income, education and marital status.
<table>
<thead>
<tr>
<th>Beta</th>
<th>Dataset Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>+.0 ns</td>
<td>DATASET 5: ( \beta ) identical across age (25-44/45-64/65-97). ( \beta ) controlled for gender, race, family income, education and marital status.</td>
</tr>
<tr>
<td>+.0 ns</td>
<td>DATASET 6: ( \beta ) identical across age (25-44/45-64/65-97). ( \beta ) controlled for gender, race, family income, education, marital status and health.</td>
</tr>
<tr>
<td>+.0 ns</td>
<td>DATASET 7: ( \beta ) identical across age (25-44/45-64/65-97). ( \beta ) controlled for gender, race, family income, education, marital status and health.</td>
</tr>
<tr>
<td>-.0 ns</td>
<td>O-SLW/c/sq/n/7/a ( \beta ) identical across age. ( \beta ) controlled for gender, race, family income, education and marital status.</td>
</tr>
<tr>
<td>+.0 ns</td>
<td>DATASET 6: ( \beta ) identical across age. ( \beta ) controlled for gender, race, family income, education, marital status and health.</td>
</tr>
<tr>
<td>+.0 ns</td>
<td>DATASET 7: ( \beta ) identical across age. ( \beta ) controlled for gender, race, family income, education, marital status and health.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

JACOB 1997

Reported in: Jacob, J. & Brinkerhoff, M.
Values, performance and subjective well-being in the sustainability movement; an
Social Indicators Research: , 1997, vol 42, pag 171-204

Population: 'Back to the land' mini farmers, USA, 1989
Sample: Non-probability purposive sample (unspecified)
Non-Response: 58.2%
N: 565

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement: not reported

Measured Values:
Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-H?/?/sq/v/4/a Ss, who value technical self reliance high, irrespective of their performance (N=±280)
- high Country Asceticism r=+.15 p<.05
- high Homestead Production r=+.15 p<.01
- high Ecological Sensitivity r=+.15 p<.01

Ss, who value Homestead Food Production high, irrespective of their performance, (N=±280)
- high Country Asceticism r=+.09 ns
- high Homestead Production r=+.10 ns
- high Ecological Sensitivity r=+.15 p<.05
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study JOL 1985

Reported in: Jol, C.

Population: 18+ aged, general public, The Netherlands, 1974-83

Sample:

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement:
0 = doesn't work
1 = works more than 15 hours a week

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLL/c/sq/v/5/a Beta=+.0 p<.05 1983 only
6 controlled for sex and age. Results 1974 not significantly different.
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

**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:* Current employment status  
Code: E 2.2

*Measurement:* Are you  
- student  
- employed  
- unemployed, or  
- retired?

*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/c/sq/v/5/g</td>
<td>DM= ( p &lt; . )</td>
<td>Employment status</td>
</tr>
<tr>
<td></td>
<td></td>
<td>retired</td>
</tr>
<tr>
<td></td>
<td></td>
<td>student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>employed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>unemployed</td>
</tr>
</tbody>
</table>

---

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Findings on Happiness & EMPLOYMENT

**Study**

**KEITH 1985**

*Reported in:* P.M. Keith  
*Work, retirement and well-being among unmarried men and women*  
The Gerontologist, 1985, vol 25, p 410-416

*Population:* 58-63 aged unmarried, followed 10 years, USA, 1969-1979

*Sample:* 

*Non-Response:* 
*Number:* 1398 (326 men, 1072 women)

**Measured Correlate**

*Class:* Current employment status  
*Code:* E 2.2

*Measurement:* Single closed question.  
0 Not employed  
1 Employed  
Assessed at T2

*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 | r=+       | Happiness assessed at T2:  
Widowed | r = +.05 (ns) | ß = +.02 (ns)  
Divorced/Separated | r = +.12 (ns) | ß = +.10 (05)  
Never married | r = -.10 (ns) | ß = +.09 (ns)  
ß’s controlled for sex, earlier education, age, earlier occupation, earlier happiness, retirement attitudes, health and income.
Findings on Happiness & EMPLOYMENT  

**Study**  
LEE 1982  

**Reported in:** Lee Hongkoo, Kyong-Dong Kim, and Doh C. Shin  
Perceptions of quality of life in an industrializing country: the case of the republic of  

**Population:** Parents with unmarried children at home, South Korea, 1980  

**Sample:**  

**Non-Response:**  

* N: 1500  

**Measured Correlate**  

**Class:** Current employment status  

**Measurement:**  
0 Not working  
1 Working  

**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-Sum/u/mq&quot;/0/b</td>
<td>DM=-</td>
<td>Hardly any difference</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

Study  
**LINN 1980**

*Reported in:* Linn, G. J. and McGranahan, D. A.  
*American Journal of Community Psychology*  
*Vol 8, 1980, 87-100*

*Population:* 18+ aged, general public, NW-Wisconsin, USA, 1974

*Sample:*  
*Non-Response:* 7-24 %  
*N:* 1423

**Measured Correlate**

*Class:* Current employment status  
*Code:* E 2.2

*Measurement:* Are you on vacation from a job, laid-off temporarily, on sick leave, unemployed and looking for a job, retired, a student, a housewife, or what?

**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/7/a</td>
<td>B=- p&lt;.01</td>
<td>B controlled for: sex, education, income, occupation, age, friends; health and its interaction with age and friends; divorce and its interaction with age and friends.</td>
</tr>
<tr>
<td></td>
<td>B=- p&lt;.05</td>
<td>interaction with age</td>
</tr>
<tr>
<td></td>
<td>B=+ ns</td>
<td>interaction with friends</td>
</tr>
<tr>
<td>O-SLW/u/sq/v/7/a</td>
<td>B=- p&lt;.01</td>
<td>B controlled for: sex, education, income, occupation, age, friends; health and its interaction with age and friends; divorce and its interaction with age and friends.</td>
</tr>
<tr>
<td></td>
<td>B=- p&lt;.01</td>
<td>interaction with age</td>
</tr>
<tr>
<td></td>
<td>B=+ p&lt;.05</td>
<td>interaction with unemployment</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

LOUGH 1985

Reported in: Lough, M.E., Lindsey, A.M., Shinn, J.A. & Stotts, N.A.
Life-satisfaction following heart transplantation
Heart transplantation, 1985, vol 4, pp 446-449

Population: Heart transplantation recipients, 7 month to 14 years after transplant, USA, 198?

Sample: Probability simple random sample
Non-Response: 25%
N: 75

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement: 0 unemployed
1 employed

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-QL?/c/sq/v/6/a AoV=+ p<.01
O-SQL/c/sq/5/a AoV=+ ns

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

**Correlate Code: E 2**

<table>
<thead>
<tr>
<th>Study</th>
<th>MARTI 1984</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Martinson,O.B., Wilkening,E.A. &amp; Mc Grahanan,D.</td>
</tr>
<tr>
<td></td>
<td>Predicting overall life-satisfaction: The role of life-cycleand social-psychological</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>18+aged, general public, N.W.Wisconsin, USA, 1974</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>12%</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>1423</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2  
**Measurement:**  
1: currently unemployed  
0: other

### Measured Values

### Error Estimates

### Remarks

#### Observed Relation with Happiness

**Happiness Query**  
O-SLW/u/sq/v/7/a  
**Statistics**  
Beta=-.0  
**Remarks**  

<table>
<thead>
<tr>
<th>age</th>
<th>β</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;30</td>
<td>+.05 ns</td>
</tr>
<tr>
<td>30 - 49</td>
<td>-.10 05</td>
</tr>
<tr>
<td>50 - 64</td>
<td>-.21 05</td>
</tr>
<tr>
<td>&gt; 64</td>
<td>-.14 05</td>
</tr>
</tbody>
</table>

β controlled for: powerlessness, community solidarity, health, days too sick to work, recent move, separated/ divorced, contact with relatives, contact with friends, church attendance, organizational membership, education, family income.
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

**Study**

**MARTI 1985**

*Reported in:*

Martinson, O.B., Wilkening, E.A. & Linn, J.G.

*Life change, health status and life satisfaction: A reconsideration*


*Population:*

18+ aged, general public, NW Wisconsin, USA, 1974

*Sample:*

Non-Response: 14%

N: 1423

---

**Measured Correlate**

*Class:*

Current employment status Code: E 2.2

*Measurement:*

0: currently unemployed

1: other

(order reversed by us)

---

**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/sqt/v/7/a Beta</td>
<td>$\beta$ of different age groups:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>under 30: +.08 ns</td>
<td>30-49: -.13 ns</td>
</tr>
<tr>
<td></td>
<td>50-64: -.06 ns</td>
<td>over 64: -.01 ns</td>
</tr>
</tbody>
</table>

$\beta$ controlled for: negative life change, degree of disability, days lost due to illness, powerlessness, community solidarity, recent migrant, contact with friends, contact with relatives, organizational affiliation, church attendance, separated / divorced, sex, family income, education.

Print date: 7-2-2003

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

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### Study

**MASTE 1984/1**

*Reported in:*
Mastekaasa, A., & Moum, T.
The perceived quality of life in Norway: regional variations and contextual effects.
Social Indicators Research, 1984, Vol 14, p.385-419

*Population:*
15-64 aged, general public, non-institutionalized, Norway, 1971

*Sample:*

*Non-Response:*
15%

*N:*
854

### Measured Correlate

**Class:***
Current employment status  
Code: E 2.2

**Measurement:**

0 Inactive

1 Active

### 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/4/d</td>
<td>Beta=.0 ns</td>
<td><em>ß controlled for education, income, age, sex, household size, occupational prestige, number of friends, marital status. Unaffected by both traditionalism and economic level of the county.</em></td>
</tr>
</tbody>
</table>
### Study

**MASTE 1984/2**

**Reported in:** Mastekaasa, A. & Moum, T.  
The perceived quality of life in Norway: regional variations and contextual effects.  
Social Indicators Research, 1984, Vol 14, 385-419

**Population:** Adults, general public, non-institutionalized, Norway, 1981

**Sample:**

**Non-Response:**

**N:** 1521

### Measured Correlate

**Class:** Current employment status  
Code: E 2.2

**Measurement:**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Inactive</td>
</tr>
<tr>
<td>1</td>
<td>Active</td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/?/sq/v/4/a</td>
<td>Beta=+.0 ns</td>
<td></td>
</tr>
</tbody>
</table>
ß controlled for education, income, age, sex, household size, number of friends, marital status, degree of urbanization. Unaffected by both traditionalism and economic level of the county.  

Beta=}
### Study

**MASTE 1984/3**

**Reported in:** Mastekaasa, A. & Moum, T.
The perceived quality of life in Norway: regional variations and contextual effects.
Social Indicators Research, 1984, Vol 14, p.385-419

**Population:** 18-79 aged, general public, Norway, 1982

**Sample:**
**Non-Response:** 22%
**N:** 972

### Measured Correlate

**Class:** Current employment status  Code: E 2.2

**Measurement:**
- 0 Inactive
- 1 Active

### 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/4/d</td>
<td>Beta=-.1 p&lt;.01</td>
<td>β controlled for education, income, age, sex, household size, occupational prestige, marital status, degree of urbanization. Unaffected by both traditionalism and economic level of the county.</td>
</tr>
<tr>
<td>O-SL/?/sq/l/10/a</td>
<td>Beta=-.1 p&lt;.05</td>
<td>β controlled for education, income, age, sex, household size, occupational prestige, marital status, degree of urbanization. Unaffected by both traditionalism and economic level of the county.</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 66 of 275
### Study
**MICHA 1983**

*Reported in:* Michalos, A.C.

Satisfaction and happiness in a rural northern resource community

*Social Indicators Research, 1983, vol.13, p.225-252*

*Population:* 18+ aged, rural community, N.Ontario, Canada, 1982

*Sample:

<table>
<thead>
<tr>
<th>Non-Response:</th>
<th>N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8%</td>
<td>598</td>
</tr>
</tbody>
</table>

### Measured Correlate

*Class:* Current employment status  
*Code:* E 2.2

*Measurement:*
- 0 Unemployed
- 1 Employed

### Measured Values:

### Error Estimates:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-DT/c/sq/v7/aa | Beta=+.0   | All ß's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the other demographic factors: sex, age, formal education, language, marital status, time in area.  
  - Males : N: 173 ß: +.07  
  - Females: N: 154 ß: +.04 |
| O-HL/u/sq/v7/a  | Beta=-.0   | All ß's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the other demographic factors: sex, age, formal education, language, marital status, time in area.  
  - Males : N: 173 ß: -.07  
  - Females: N: 154 ß: +.02 |
### Study

**NEAR 1978**

**Reported in:** Near, J.P., Rice, R.W. & Hunt, R.G.  
Work and extra-work correlates of life and job satisfaction  

**Population:** Adult, general public, Western New York State, USA, 1975

**Sample:**

**Non-Response:**

| N: 384 |

## Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:**

**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-SLW/c/sq/v/5/d</td>
<td>$R^2=.02$</td>
<td>$p&lt;.01$</td>
</tr>
</tbody>
</table>

- Explained variance in ANOVA.  
- Happiness highest among the unemployed not looking for work; lowest among those who need work.
<table>
<thead>
<tr>
<th>Study</th>
<th>ORMEL 1980</th>
<th>Page in Report:</th>
<th>350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Ormel,H.</td>
<td>Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life)</td>
<td></td>
</tr>
<tr>
<td>Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>15-60 aged, general public, followed 12 month, The Netherlands, 1967-77</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>18%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>296</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Current employment status</th>
<th>Code: E 2.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>0 Payed work outside the house</td>
<td></td>
</tr>
<tr>
<td>1 Unemployed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assessed at T2(1976)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v/4/c</td>
<td>r=-.36, p&lt;.01</td>
<td>T2 happiness by T2 unemployment</td>
</tr>
<tr>
<td></td>
<td>r=-.18, p&lt;.01</td>
<td>T3 happiness by T2 unemployment</td>
</tr>
</tbody>
</table>
### Study

**Study**  
**Reported in:** Palisi, B.J.  
Effects of Urbanism, Race and Class on Happiness and physical health  

**Population:** 18+ aged, general public, non-institutionalized, USA, 1972-1983

**Sample:**

**Non-Response:**

- **N:** 15.320 (13.312 whites and 2008 blacks)

### Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:** Single direct question.  
0 No work at this moment  
1 Currently employed

**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>Beta=+.1 p&lt;.001</td>
<td>t c t r o l e d f o r s i z e o f t o w n, a g e, g e n d e r, r a c e a n d e d u c a t i o n.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study  PALMO 1972

Reported in:  Palmore, E.B. & Luikart, C.
Health and social factors related to life satisfaction.

Population:  46+ aged, whites, North Carolina, USA, 1968

Sample:  Probability stratified sample

Non-Response:  

N:  502

Measured Correlate

Class:  Current employment status  Code: E 2.2

Measurement:
0  No job or business
1  Involved in job or business

Measured Values:  M= 0.7  SD= 0.5

Error Estimates:  

Remarks:  

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-BW/c/sq/l/10/c  r=+.06  p<.  All
r=+.10  p<.05  Men
Beta=+.3 p<.05  Men. Step wise multiple regression:
self rated health  R= +.44
org. activity  B1=+.46
confident  B2=+.48
performance status  B3=+.49
employment  B4=+.50
social activity  B5=+.51

World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study PEIL 1984

Reported in: Peil,M.
African urban life: components of satisfaction in Sierra Leone

Population: Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981

Sample:

Non-Response: 5% (on some items up to 60%)

N: 640

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Happiness level in Mt' (0-10):
O-SLW/u/sq/l/7/a none males: 7.1 females: 8.0

farm ing 5.2 -
un skil led 7.0 6.9
semi-skil led 7.2 8.9
skil led 7.5 7.2
nonmanual 7.8 7.6

O-SLW/u/sq/l/7/a DMt=

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 72 of 275
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Study: RIJPM 1999

Reported in: Rijpma S.G.; de Graaf P.A.
Wonen, Leven en Uitgaan in Rotterdam 1999
Centrum voor Onderzoek en Statistiek (COS), Rotterdam, The Netherlands, juni 2000, rapportnr. 99-1412

Population: 16-75 aged, Rotterdam Netherlands 1999

Sample: Probability sample (unspecified)
Non-Response: ?

N: ?

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement:
a Payed Work
b Housekeeping
c Student
d Pension
e Disabled
f Unemployed
g Social Welfare
h All Respondents

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-H??/?sq/v/4/a DM=
a: M = 3.05 Mt = 6.83
b: M = 2.25 Mt = 4.17
c: M = 2.11 Mt = 3.70
d: M = 2.16 Mt = 3.87
e: M = 1.93 Mt = 3.10
f: M = 1.92 Mt = 3.07
g: M = 1.77 Mt = 2.57
h: M = 2.12 Mt = 3.73
<table>
<thead>
<tr>
<th>Study</th>
<th>SHINN 1978</th>
<th>Page in Report: 483/484</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Shinn, D.C. &amp; Johnson, D.M.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Avowed happiness as an overall assessment of the quality of life</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Heads of households, Illinois, USA, 1975</td>
<td></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>665</td>
<td></td>
</tr>
</tbody>
</table>

| **Measured Correlate** |  |  |
| **Class:** | Current employment status | Code: E 2.2 |  |
| **Measurement:** | Closed question whether or not the subject was working for pay at the time of the interview |  |

| **Measured Values:** |  |  |
| **Error Estimates:** |  |  |

| **Observed Relation with Happiness** |  |  |
| **Happiness Query** | Statistics | Remarks |
| O-HL/c/sq/v/3/aa | $r = -.06$ ns | $\beta = .03$ after control for 'resources' (race, sex, age, income, education, home ownership, marital status, number of children, number of household members), 'assessments' (satisfaction with: standard of living, leisure time, housing, health, education, community, government), 'participation in communal activities' and 'comparisons' (perception of being happier than others and perceived financial improvement in the past few years). |  |
Findings on Happiness & EMPLOYMENT

Study: SPREI 1975

Reported in: Spreitzer, E., Snyder, E.E. & Larson, D.
Age, marital status, and labor force participation as related to life satisfaction
Sex Roles, 1975, vol. 1, p. 235 - 247

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

Sample:
Non-Response: -
N: 1500

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement: Housewife / part-time work / full-time work

Measured Values:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/aa  C=+.11 ns

Computed for females only.

Unaffected by marital status
- 12 years education: C = +.13 (05)
< 13 years education: C = +.19 (ns)

The role of full-time housewife appears to be slightly associated with both low and high degrees of happiness.
### Study
**TIMME 1997/1**

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, France, 1990

**Sample:**

**Non-Response:**

**N:** 1002

### Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:**
- Single question: "Are you yourself employed now or not?"
  - 1 >30 hours a week
  - 2 <30 hours a week
  - 3 Self-employed
  - 4 Retired
  - 5 Housewife not otherwise employed
  - 6 Student
  - 7 Unemployed
  - 8 Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mg/v2/a</td>
<td>DM=+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 M=1.58</td>
<td>Mt=6.6</td>
</tr>
<tr>
<td></td>
<td>2 M=1.47</td>
<td>Mt=6.5</td>
</tr>
<tr>
<td></td>
<td>3 M=1.96</td>
<td>Mt=7.0</td>
</tr>
<tr>
<td></td>
<td>4 M=0.97</td>
<td>Mt=6.0</td>
</tr>
<tr>
<td></td>
<td>5 M=1.11</td>
<td>Mt=6.1</td>
</tr>
<tr>
<td></td>
<td>6 M=1.67</td>
<td>Mt=6.7</td>
</tr>
<tr>
<td></td>
<td>7 M=0.51</td>
<td>Mt=5.5</td>
</tr>
<tr>
<td></td>
<td>8 M=1.12</td>
<td>Mt=6.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O-HL/u/sq/v/4/a</th>
<th>DM=+</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 M=3.16</td>
<td>Mt=7.2</td>
</tr>
<tr>
<td></td>
<td>2 M=3.27</td>
<td>Mt=7.6</td>
</tr>
<tr>
<td></td>
<td>3 M=3.27</td>
<td>Mt=7.6</td>
</tr>
<tr>
<td></td>
<td>4 M=3.10</td>
<td>Mt=7.0</td>
</tr>
<tr>
<td></td>
<td>5 M=3.27</td>
<td>Mt=7.6</td>
</tr>
<tr>
<td></td>
<td>6 M=3.22</td>
<td>Mt=7.4</td>
</tr>
<tr>
<td></td>
<td>7 M=2.79</td>
<td>Mt=6.0</td>
</tr>
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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Single question: "Are you yourself employed now or not?"
1   >30 hours a week
2   <30 hours a week
3   Self-employed
4   Retired
5   Housewife not otherwise employed
6   Student
7   Unemployed
8   Other

TIMME 1997/2

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Britain, 1990

Sample:
Non-Response:
N: 1484

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement:
Single question: "Are you yourself employed now or not?"
1   >30 hours a week
2   <30 hours a week
3   Self-employed
4   Retired
5   Housewife not otherwise employed
6   Student
7   Unemployed
8   Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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Page 78 of 275 Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness
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Findings on Happiness & EMPLOYMENT

Study
TIMME 1997/3

Reported in:
Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population:
18+ aged, general public, West Germany, 1990

Sample:

Non-Response:
N: 2201

Measured Correlate
Class: Current employment status Code: E 2.2

Measurement:
Single question: "Are you yourself employed now or not?"
1  >30 hours a week
2  <30 hours a week
3  Self-employed
4  Retired
5  Housewife not otherwise employed
6  Student
7  Unemployed
8  Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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2  M=1.46 Mt=6.5
3  M=2.22 Mt=7.2
4  M=.90 Mt=5.9
5  M=1.18 Mt=6.2
6  M=2.01 Mt=7.0
7  M=-.39 Mt=4.6
8  Empty category

DM=
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2  M=1.46 Mt=6.5
3  M=2.22 Mt=7.2
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6  M=2.01 Mt=7.0
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8  Empty category

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 80 of 275
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World Database of Happiness: www.eur.nl/fs/w/research/happiness  
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Findings on Happiness & EMPLOYMENT

Study
TIMME 1997/4

Reported in:
Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population:
18+ aged, general public, Italy, 1990

Sample:

Non-Response:
N: 2010

Measured Correlate

Class:
Current employment status  Code: E 2.2

Measurement:
Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks |
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O-HL/u/sq/v/4/a | DM=+ | 1 M=3.03 Mt=6.8 2 M=2.91 Mt=6.4 3 M=2.98 Mt=6.6 4 M=2.86 Mt=6.2 5 M=3.00 Mt=6.7 6 M=3.14 Mt=7.1 7 M=2.76 Mt=5.9 8 M=2.73 Mt=5.8 |
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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

**Study**

**TIMME 1997/5**

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, The Netherlands, 1990

*Sample:

*Non-Response:

*Page in Report:

**Measured Correlate**

*Current employment status* Code: E 2.2

*Measurement:* Single question: "Are you yourself employed now or not?"
1. >30 hours a week
2. <30 hours a week
3. Self-employed
4. Retired
5. Housewife not otherwise employed
6. Student
7. Unemployed
8. Other

*Measured Values:

*Error Estimates:

*Remarks:

**Observed Relation with Happiness**

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Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
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Findings on Happiness & EMPLOYMENT

Study
TIMME 1997/6

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Denmark, 1990

Sample:

Non-Response: 

N: 1030

Measured Correlate

Class: Current employment status  Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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2 M=2.41  Mt=7.4
3 M=2.51  Mt=7.5
4 M=1.32  Mt=6.3
5 M=2.27  Mt=7.3
6 M=1.92 Mt=6.9
7 M=1.31  Mt=6.3
8 M=1.45  Mt=6.4

O-HL/u/sq/v/4/a  DM=+  
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Findings on Happiness & EMPLOYMENT

TIMME 1997/7

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Belgium, 1990

Sample:

Non-Response:

N: 2792

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
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2 | M=1.60 | Mt =6.6
3 | M=1.20 | Mt =6.2
4 | M=1.39 | Mt =6.4
5 | M=1.71 | Mt =6.7
6 | M= .76 | Mt =5.8
7 | M=1.08 | Mt =6.1
8 | DM=+ | M=1.77 | Mt =6.8
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2 | M=1.60 | Mt =6.6
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Findings on Happiness & EMPLOYMENT

Study  TIMME 1997/8

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Spain, 1990

Sample:

Non-Response: 4147

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
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2 M=.62 Mt=5.6
3 M=1.21 Mt=6.2
4 M=.19 Mt=5.2
5 M=.46 Mt=5.5
6 M=1.02 Mt=6.0
7 M=.41 Mt=5.4
8 Less than 10 Ss
DM=+ 1 M=1.04 Mt=6.0
2 M=.62 Mt=5.6
3 M=1.21 Mt=6.2
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5 M=.46 Mt=5.5
6 M=1.02 Mt=6.0
7 M=.41 Mt=5.4
8 M=1.66 Mt=6.7

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/sw/research/happiness Page 90 of 275
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Findings on Happiness & EMPLOYMENT

**Study**  
**TIMME 1997/9**

*Reported in:* Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Ireland, 1990

*Sample:*

*Non-Response:*

*N:* 1000

---

**Measured Correlate**

*Class:* Current employment status  
*Code:* E 2.2

*Measurement:* Single question: "Are you yourself employed now or not?"

1. >30 hours a week
2. <30 hours a week
3. Self-employed
4. Retired
5. Housewife not otherwise employed
6. Student
7. Unemployed
8. Other

*Measured Values:*

*Error Estimates:*

*Remarks:*

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**Observed Relation with Happiness**

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Print date: 7-2-2003  
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Findings on Happiness & EMPLOYMENT

**Study**

TIMME '97/10

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, N. Ireland, 1990

*Sample:* Non-probability accidental sample

*Non-Response:* N: 304

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**Measured Correlate**

*Class:* Current employment status  

*Code:* E 2.2

*Measurement:* Single question: "Are you yourself employed now or not?"

1. >30 hours a week
2. <30 hours a week
3. Self-employed
4. Retired
5. Housewife not otherwise employed
6. Student
7. Unemployed
8. Other

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**Measured Values:**

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**Error Estimates:**

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**Remarks:**

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**Observed Relation with Happiness**

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| DM=             |            |         |
| 1               | M=1.97     | Mt=7.0  |
| 2               | M=1.74     | Mt=6.7  |
| 3               | Less than 10 Ss |       |
| 4               | M=1.38     | Mt=6.4  |
| 5               | M=1.21     | Mt=6.2  |
| 6               | Less than 10 Ss |       |
| 7               | M=1.68     | Mt=6.7  |
| 8               | Less than 10 Ss |       |

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Print date: 7-2-2003  

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

Page 95 of 275
### Findings on Happiness & EMPLOYMENT

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Findings on Happiness & Employment Correlate Code: E 2

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**Sample:**

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N: 1839

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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study | TIMME '97/12
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| Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997
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Sample: | 
Non-Response: | 
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1 | M=2.46 | Mt=7.5
2 | M=2.39 | Mt=7.4
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6 | M=1.73 | Mt=6.7
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8 | M=1.95 | Mt=5.9

O-HL/u/sq/v/4/a DM=+ | | 
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Findings on Happiness & EMPLOYMENT  

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Japan, 1990

**Sample:**

**Non-Response:** 1011

---

**Measured Correlate**

**Class:** Current employment status  

**Measurement:** Single question: "Are you yourself employed now or not?"  
1. >30 hours a week  
2. <30 hours a week  
3. Self-employed  
4. Retired  
5. Housewife not otherwise employed  
6. Student  
7. Unemployed  
8. Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

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**Observed Relation with Happiness**

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|                 | 5          | M=.23   |
|                 | 6          | M=.57   |
|                 | 7          | Less than 10 Ss |
|                 | 8          | M=.28   |

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 102 of 275
Findings on Happiness & EMPLOYMENT  

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Findings on Happiness & EMPLOYMENT  

**Study**  
TIMME '97/14  

*Reported in:* Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  

*Population:* 18+ aged, general public, Mexico, 1990  

*Sample:*  
Non-Response:  
N: 1531  

---  

**Measured Correlate**  

*Class:* Current employment status  
Code: E 2.2  

*Measurement:* Single question: "Are you yourself employed now or not?"  
1 >30 hours a week  
2 <30 hours a week  
3 Self-employed  
4 Retired  
5 Housewife not otherwise employed  
6 Student  
7 Unemployed  
8 Other  

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

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**Observed Relation with Happiness**  

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<th>Statistics</th>
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| 7 | M=2.89 | Mt=6.3  
| 8 | Less than 10 Ss |  

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 104 of 275
| 1  | M=7.38 | Mt=7.1 |
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| 7  | M=7.26 | Mt=7.0 |
| 8  | M=7.50 | Mt=7.2 |
Study TIMME '97/15

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, South Africa, 1990

Sample:
Non-Response:
N: 2736

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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| O-HL/u/sq/v/4/a | DM=+       |         |
| 1               | M=2.97     | Mt =6.6 |
| 2               | M=2.80     | Mt =6.0 |
| 3               | M=2.86     | Mt =6.2 |
| 4               | M=2.79     | Mt =6.0 |
| 5               | M=2.97     | Mt =6.6 |
| 6               | M=2.93     | Mt =6.4 |
| 7               | M=2.33     | Mt =4.4 |
| 8               | M=3.21     | Mt =7.4 |
### Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

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O-SLW/c/sq/n/10/aa  DM=+
Findings on Happiness & EMPLOYMENT

**Correlate Code: E 2**

**Single question: “Are you yourself employed now or not?”**

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<td>Retired</td>
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<tr>
<td>8</td>
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**Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991**

**Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997**

**Population:** 18+ aged, general public, Hungary, 1990

**Sample:**

**Non-Response:** 999

**Page in Report:**

**TIMME '97/16**

**Reported in:** Timmermans, D.

**Population:** 18+ aged, general public, Hungary, 1990

**Sample:**

**Non-Response:** 999

**Measured Correlate**

**Class:** Current employment status  Code: E 2.2

**Measurement:** Single question: "Are you yourself employed now or not?"

1  >30 hours a week
2  <30 hours a week
3  Self-employed
4  Retired
5  Housewife not otherwise employed
6  Student
7  Unemployed
8  Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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### Study

**TIMME '97/17**

*Reported in:* Timmermans, D.
Coreslates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Portugal, 1990

*Sample:*

*Non-Response:*

*N:* 1185

### Measured Correlate

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<td>Housewife not otherwise employed</td>
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*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

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<th>Statistics</th>
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Findings on Happiness & EMPLOYMENT

**Study**

**TIMME '97/18**

- **Reported in:** Timmermans, D.
- **Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991**
- **Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997**
- **Population:** 18+ aged, general public, Norway, 1990
- **Sample:**
- **Non-Response:**
- **N:** 1239

**Measured Correlate**

- **Class:** Current employment status
- **Code:** E 2.2
- **Measurement:** Single question: "Are you yourself employed now or not?"
  - 1 >30 hours a week
  - 2 <30 hours a week
  - 3 Self-employed
  - 4 Retired
  - 5 Housewife not otherwise employed
  - 6 Student
  - 7 Unemployed
  - 8 Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

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Findings on Happiness & EMPLOYMENT
Correlate Code: E 2

Study TIMME '97/19

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Sweden, 1990

**Sample:**

**Non-Response:**

**N:** 1047

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**Measured Correlate**

- **Class:** Current employment status
- **Code:** E 2.2

**Measurement:** Single question: "Are you yourself employed now or not?"  
1. >30 hours a week  
2. <30 hours a week  
3. Self-employed  
4. Retired  
5. Housewife not otherwise employed  
6. Student  
7. Unemployed  
8. Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

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**Observed Relation with Happiness**

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

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fswhappiness  
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Findings on Happiness & EMPLOYMENT

TIMME '97/21

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Iceland 1990

Sample:

Non-Response:

N: 702

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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2 M=2.91 Mt=7.9
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Findings on Happiness & EMPLOYMENT

Study

TIMME '97/22

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Argentina, 1990

Sample

Non-Response: 1002

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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### Study

**TIMME '97/23**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Finland, 1990

*Sample:

*Non-Response:* 588

### Measured Correlate

**Class:** Current employment status    **Code:** E 2.2

**Measurement:**

Single question: "Are you yourself employed now or not?"

1   >30 hours a week
2   <30 hours a week
3   Self-employed
4   Retired
5   Housewife not otherwise employed
6   Student
7   Unemployed
8   Other

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

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### Findings on Happiness & EMPLOYMENT

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**Findings on Happiness & EMPLOYMENT**

**Correlate Code: E 2**

- **Single question:** "Are you yourself employed now or not?"
  - 1 >30 hours a week
  - 2 <30 hours a week
  - 3 Self-employed
  - 4 Retired
  - 5 Housewife not otherwise employed
  - 6 Student
  - 7 Unemployed
  - 8 Other

**Study**
- **TIMME '97/25**
- **Reported in:** Timmermans, D.
  - Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
  - Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997
- **Population:** 18+ aged, general public, Poland, 1990
- **Sample:**
- **Non-Response:**
  - **N:** 938

**Measured Correlate**
- **Class:** Current employment status
- **Code:** E 2.2

**Measurement:**
- Single question: "Are you yourself employed now or not?"
  - 1 >30 hours a week
  - 2 <30 hours a week
  - 3 Self-employed
  - 4 Retired
  - 5 Housewife not otherwise employed
  - 6 Student
  - 7 Unemployed
  - 8 Other

**Measured Values:**

**Error Estimates:**

**Observed Relation with Happiness**

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**Print date:** 7-2-2003

World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)  
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Findings on Happiness & EMPLOYMENT

TIMME '97/26

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Switzerland, 1990

Sample:
Non-Response:

N: 1400

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement:

Single question: "Are you yourself employed now or not?"

1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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Findings on Happiness & EMPLOYMENT  

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Findings on Happiness & EMPLOYMENT

### Study

**TIMME '97/28**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Brazil 1990

**Sample:**

**Non-Response:**

**N:** 1782

### Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:** Single question: "Are you yourself employed now or not?"

- 1. >30 hours a week
- 2. <30 hours a week
- 3. Self-employed
- 4. Retired
- 5. Housewife not otherwise employed
- 6. Student
- 7. Unemployed
- 8. Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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

**Correlate Code: E 2**

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Findings on Happiness & EMPLOYMENT

**Study**

**TIMME '97/29**

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged general public, Nigeria, 1990

**Sample:**

**Non-Response:**

**N:** 1001

---

**Measured Correlate**

**Class:** Current employment status  Code: E 2.2

**Measurement:** Single question: "Are you yourself employed now or not?"
1. >30 hours a week
2. <30 hours a week
3. Self-employed
4. Retired
5. Housewife not otherwise employed
6. Student
7. Unemployed
8. Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

**Happiness Query** | **Statistics** | **Remarks**
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A-BB/cm/mg/v2/a DM=+ | | |
1. M=1.52 | M=6.5 |
2. M=1.72 | M=6.7 |
3. M=1.64 | M=6.6 |
4. Less than 10 Ss | |
5. M=1.97 | M=7.0 |
6. M=1.44 | M=6.4 |
7. M=1.18 | M=6.2 |
8. Less than 10 Ss | |

O-HL/u/sq/v4/a DM= | | |
1. M=2.78 | M=5.9 |
2. M=2.80 | M=6.0 |
3. M=2.89 | M=6.3 |
4. Less than 10 Ss | |
5. M=3.30 | M=7.7 |
6. M=3.04 | M=6.8 |
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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Chile1990

Sample:

Non-Response:

N: 1500

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v2/a DM=+ 1 M=1.26 Mt=6.3
2 M=.96 Mt=6.0
3 M=.86 Mt=5.9
4 M=.99 Mt=6.0
5 M=.91 Mt=5.9
6 M=1.26 Mt=6.3
7 M=.39 Mt=5.4
8 M=.36 Mt=5.4

O-HL/u/sq/v/4/a DM=+ 1 M=3.11 Mt=7.0
2 M=2.92 Mt=6.4
3 M=2.94 Mt=6.5
4 M=2.83 Mt=6.1
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Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

**Study**  
TIMME '97/31  

*Reported in:* Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  

*Population:* 18+ aged, general public, Belarus, 1990  

*Sample:*  

*Non-Response:*  

*N:* 1015

---

**Measured Correlate**

*Class:* Current employment status  
*Code:* E 2.2

*Measurement:* Single question: "Are you yourself employed now or not?"  
1. >30 hours a week  
2. <30 hours a week  
3. Self-employed  
4. Retired  
5. Housewife not otherwise employed  
6. Student  
7. Unemployed  
8. Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

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**Observed Relation with Happiness**

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Findings on Happiness & EMPLOYMENT

TIMME '97/32

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged general public, India, 1990

Sample:
Non-Response:
N: 2500

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement: Single question: "Are you yourself employed now or not?"
1. >30 hours a week
2. <30 hours a week
3. Self-employed
4. Retired
5. Housewife not otherwise employed
6. Student
7. Unemployed
8. Other

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-BB/cm/mg/v2/a | DM=+ | 
1 | M=1.88 | Mt=6.9
2 | M=1.60 | Mt=6.6
3 | M=2.25 | Mt=7.2
4 | M=1.35 | Mt=6.4
5 | M=1.37 | Mt=6.4
6 | M=1.46 | Mt=6.5
7 | M=.90 | Mt=5.9
8 | M=1.45 | Mt=6.4

DM=+
1 | M=2.47 | Mt=7.5
2 | M=2.12 | Mt=7.1
3 | M=2.46 | Mt=7.5
4 | M=2.10 | Mt=7.1
5 | M=2.01 | Mt=7.0
6 | M=2.66 | Mt=7.7
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### Findings on Happiness & EMPLOYMENT

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Findings on Happiness & EMPLOYMENT

Study

TIMME '97/33

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Czechoslovakia, 1990

Sample:
Non-Response:

N: 1396

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cm/mg/v/2/a  DM=  1  M= .76  Mt =5.8
                  2  M= .57  Mt =5.6
                  3  M=1.68  Mt =6.7
                  4  M= .71  Mt =5.7
                  5  M= .70  Mt =5.7
                  6  M=1.47  Mt =6.5
                  7  Less than 10 Ss
                  8  Empty category
O-HL/u/sq/v/4/a  DM=+  1  M=2.68  Mt =5.6
                  2  M=2.70  Mt =5.7
                  3  M=2.82  Mt =6.1
                  4  M=2.56  Mt =5.2
                  5  M=2.77  Mt =5.9
                  6  M=3.00  Mt =6.7
                  7  M=2.50  Mt =5.0
                  8  Empty category
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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study

TIMME '97/34

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, East Germany, 1990

Sample:

Non-Response:

N: 1336

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mg/v/2/a DM=
1 M=1.44 Mt=6.4
2 M=1.16 Mt=6.2
3 M=1.81 Mt=6.8
4 M=.78 Mt=5.8
5 M=1.13 Mt=6.1
6 M=1.71 Mt=6.7
7 M=.57 Mt=4.4
8 Less than 10 Ss

O-HL/c/sq/v/4/a DM=
1 M=2.99 Mt=6.6
2 M=3.01 Mt=6.7
3 M=3.20 Mt=7.3
4 M=2.85 Mt=6.2
5 M=3.13 Mt=7.1
6 M=3.09 Mt=7.0
7 M=2.39 Mt=4.7
8 Less than 10 Ss
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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Single question: "Are you yourself employed now or not?"
1   >30 hours a week
2   <30 hours a week
3   Self-employed
4   Retired
5   Housewife not otherwise employed
6   Student
7   Unemployed
8   Other

TIMME '97/35

Stud.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Slovenia, 1990

Sample:

Non-Response:

N: 1035

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1   >30 hours a week
2   <30 hours a week
3   Self-employed
4   Retired
5   Housewife not otherwise employed
6   Student
7   Unemployed
8   Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cm/mg/v/2/a  DM=+  1   M=1.77  Mt=6.8
2   M=1.39  Mt=6.4
3   M=2.13  Mt=7.1
4   M=1.22  Mt=6.2
5   M=1.14  Mt=6.1
6   M=1.32  Mt=6.3
7   M=.81  Mt=5.8
8   M=1.60  Mt=6.6

O-HL/u/sq/v/4/a  DM=+  1   M=2.35  Mt=4.5
2   M=2.40  Mt=4.7
3   M=2.27  Mt=4.2
4   M=2.20  Mt=4.0
5   M=2.24  Mt=4.1
6   M=2.63  Mt=5.4
7   M=2.21  Mt=4.0
8   M=2.50  Mt=5.0

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 141 of 275
### Findings on Happiness & EMPLOYMENT

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Findings on Happiness & EMPLOYMENT

TIMME '97/36

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Bulgaria, 1990

Sample:

Non-Response:
N: 1034

Measured Correlate

Class: Current employment status  Code: E 2.2

Measurement:
Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-HL/u/sq/v/4/a  DM=+
1 M=2.35  Mt =4.5
2 M=2.40  Mt =4.7
3 M=2.27  Mt =4.2
4 M=2.20  Mt =4.0
5 M=2.24  Mt =4.1
6 M=2.63  Mt =5.4
7 M=2.21  Mt =4.0
8 M=2.50  Mt =5.0

O-SLW/c/sq/n/10/aa  DM=+
1 M=5.04  Mt =4.5
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3 M=5.31  Mt =4.8
4 M=4.87  Mt =4.3
5 M=4.52  Mt =3.9
6 M=6.11  Mt =5.7
7 M=4.18  Mt =3.5
8 M=5.81  Mt =5.3
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study

TIMME '97/37

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Romania, 1990

Sample:

Non-Response: N: 1103

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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### Study

**TIMME '97/39**

**Reported in:** Timmermans, D. 
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991 
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, China, 1990

**Sample:**

**Non-Response:**

**N:** 1000

### Measured Correlate

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:** Single question: "Are you yourself employed now or not?"  
1  >30 hours a week  
2  <30 hours a week  
3  Self-employed  
4  Retired  
5  Housewife not otherwise employed  
6  Student  
7  Unemployed  
8  Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

**Study**

**TIMME '97/42**

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Austria, 1990

*Sample:
Non-Response:*

*N:* 1460

---

**Measured Correlate**

*Class:* Current employment status  *Code: E 2.2*

*Measurement:* Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

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**Observed Relation with Happiness**

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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

**Study**

**TIMME '97/44**

**Measured Correlate**

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**Measurement:**

Single question: "Are you yourself employed now or not?"

1. >30 hours a week
2. <30 hours a week
3. Self-employed
4. Retired
5. Housewife not otherwise employed
6. Student
7. Unemployed
8. Other

**Observed Relation with Happiness**

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|                 | 4 M=.83    | Mt=5.8  |
|                 | 5 M=.41    | Mt=5.4  |
|                 | 6 M=1.00   | Mt=6.0  |
|                 | 7 M=.02    | Mt=5.0  |
|                 | 8 M=.52    | Mt=5.5  |

**Population:** 18+ aged general public, Turkey, 1990

**Sample:**

**Non-Response:**

N: 1030

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Error Estimates:**
### Findings on Happiness & EMPLOYMENT

**Correlate Code: E 2**

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 151 of 275
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

**Study**

**TIMME '97/46**

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Lithuania, 1990

**Sample:**

**Non-Response:**

**N:** 1000

---

**Measured Correlate**

**Class:** Current employment status Code: E 2.2

**Measurement:** Single question: "Are you yourself employed now or not?"
1. >30 hours a week
2. <30 hours a week
3. Self-employed
4. Retired
5. Housewife not otherwise employed
6. Student
7. Unemployed
8. Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

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Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

**Study**

TIMME '97/47

**Reported in:**
Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:**
18+ aged, general public, Latvia, 1990

**Sample:**

**Non-Response:**

**N:** 903

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**Measured Correlate**

**Class:**
Current employment status

**Code:** E 2.2

**Measurement:**
Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

**Measured Values:**

**Error Estimates:**

**Remarks:**

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**Observed Relation with Happiness**

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Findings on Happiness & EMPLOYMENT

Study

TIMME '97/48

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997


Sample:
Non-Response: N: 1008

Measured Correlate

Class: Current employment status Code: E 2.2

Measurement: Single question: "Are you yourself employed now or not?"
1 >30 hours a week
2 <30 hours a week
3 Self-employed
4 Retired
5 Housewife not otherwise employed
6 Student
7 Unemployed
8 Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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| O-HL/u/sq/v/4/a | DM=+      |         |
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| 2               | M=2.69     | Mt =5. 6|
| 3               | M=2.30     | Mt =4. 3|
| 4               | M=2.35     | Mt =4. 5|
| 5               | M=2.69     | Mt =5. 6|
| 6               | M=2.86     | Mt =6. 2|
| 7               | M=2.52     | Mt =5. 1|
| 8               | M=2.61     | Mt =5. 4|

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness Page 156 of 275
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Study  TIMME '97/50

Reported in:  Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population:  18+ aged, general public, Russia, 1990
Sample:
Non-Response:
N:  1961

Measured Correlate

Class:  Current employment status  Code: E 2.2
Measurement:  Single question: "Are you yourself employed now or not?"
1  >30 hours a week
2  <30 hours a week
3  Self-employed
4  Retired
5  Housewife not otherwise employed
6  Student
7  Unemployed
8  Other

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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<th>Remarks</th>
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Findings on Happiness & EMPLOYMENT  
Correlate Code: E 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:  
Current employment status  
Code: E 2.2  
Measurement:  
- a: private sector  
- b: public sector  
- c: unemployment benefits  
- d: social security recipient  
Measured Values:  
N: a:517, b:379, c:127, d:68  
Error Estimates:  
Remarks:  
Ss in laborforce only  

**Observed Relation with Happiness**  
Happiness Query | Statistics | Remarks  
--- | --- | ---  
A-AOL/m/sq/v/5/a  
a: Mt=7.98  
b: Mt=7.89  
c: Mt=7.39  
d: Mt=7.20  
All Mt=7.83  
Ss in laborforce only  
O-HL/c/sq/v/5/h  
a: Mt=7.10  
b: Mt=7.04  
c: Mt=6.61  
d: Mt=6.36  
All Mt=6.98  
O-SLu/c/sq/v/5/e  
a: Mt=7.60  
b: Mt=7.54  
c: Mt=6.75  
d: Mt=6.76  
All Mt=7.43  

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 160 of 275
Findings on Happiness & EMPLOYMENT Correlate Code: E 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: Current employment status Code: E 2.2

Measurement: 1: employed 2: unemployed

Measured Values:

Error Estimates:

Remarks: Ss in laborforce only.

Observed Relation with Happiness

Happiness Query Statistics Remarks

A-AOL/m/sq/v/5/a DMt=- Women (N=506) aged: 18-24 25-44 45-64
1: Mt = 7.81 7.89 7.89
2: Mt = 7.09 7.61 7.90

Men (N=504):
1: Mt = 8.34 7.85 7.99
2: Mt = 7.50 7.11 6.61

DMt=- Split up by having partner or friend (N=803):
no partner no partner partner partner
no friend friend no friend friend
1: Mt = 6.80 7.50 7.53 8.29
2: Mt = 5.00 6.88 7.05 8.10

DMt=- Split up by satisfaction with sexlife and by having daily personal contacts (N=504):
sex- sex- sex+ sex+
contact- contact+ contact- contact+
1: Mt = 6.16 7.09 8.35 8.54
2: Mt = 4.59 5.84 7.00 8.40

DMt= Split up by meaning in life (N=1017):
no meaning uncertain meaning
1: Mt = 6.25 6.50 8.34
2: Mt = 5.36 6.65 8.08
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

DMt=- Split up by relations with oneself (N=980):
  very good  good  neither  bad
1: Mt=8.93  7.74  6.38  4.40
2: Mt=8.73  7.15  5.45  3.75

r=-.35 p<.00 Split up by rating of current financial and
material circumstances (unemployed only (N=138)):
  very good  good  neither  bad  very bad
Ms = 4.38  7.50  6.84  8.19  8.39

DMt=- Split up by having children or partner (N=all=1029):
  children+ children+  children-  children-
  partner+  partner-  partner+  partner-
Women (N=514):
1: Mt=8.05  6.95  7.91  7.43
2: Mt=8.04  6.25  8.00  6.66
Men (N=515):
1: Mt=8.15  6.18  8.19  7.43
2: Mt=7.70  5.00  7.11  5.91

O-HL/c/sq/v/5/h DMt=- Women (N=506) aged: 18-24  25-44  45-64
1: Mt=7.50  7.19  6.93
2: Mt=6.66  6.86  6.50
Men (N=504):
1: Mt=7.00  6.85  7.15
2: Mt=6.36  6.54  6.18

DMt=- Split up by having partner or friend (N=803):
  no partner  no partner  partner  partner
  no friend  friend  no friend  friend
1: Mt=5.40  6.15  6.63  7.60
2: Mt=5.00  5.88  6.25  7.38

DMt=- Split up by satisfaction with sexlife and by having
daily personal contacts (N=504):
  sex-  sex-  sex+  sex+
  contact-  contact+  contact-  contact+
1: Mt=5.09  6.59  8.05  8.28
2: Mt=3.34  5.00  7.25  7.95

DMt=- Split up by meaning in life (N=1017):
  no meaning  uncertain  meaning
1: Mt=5.31  5.80  7.43
2: Mt=5.18  5.46  7.35

DMt=- Split up by relations with oneself (N=980):
  very good  good  neither  bad
1: Mt=7.95  6.84  5.61  4.64
2: Mt=7.64  6.40  5.23  3.75

r=-.29 p<.00 Split up by rating current financial and material
circumstances (N=138):
  unemployed only:
  very good  good  neither  bad  very bad
Ms = 4.06  6.71  6.28  7.16  7.33
### Findings on Happiness & EMPLOYMENT

Split up by having children or partner (N=1029):

**Gender Split**

**Children**
- **Children+**
  - **WOMEN** (N=514):
    - 1: Mt=7.24
    - 2: Mt=6.94
  - **MEN** (N=515):
    - 1: Mt=7.25
    - 2: Mt=7.00

**Partner**
- **Partner+**
  - **WOMEN** (N=514):
    - 1: Mt=7.60
    - 2: Mt=7.76
  - **MEN** (N=515):
    - 1: Mt=7.86
    - 2: Mt=7.66

**Split up by age and sex**

**Women (N=506)** aged: 18-24 25-44 45-64

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**Men (N=504)**

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### Split up by satisfaction with sex life and by having daily personal contacts (N=504):

**Gender Split**

**Sex**
- **Sex-**
  - **Contact-**
    - **WOMEN** (N=514):
      - 1: Mt=5.09
      - 2: Mt=3.34
    - **MEN** (N=515):
      - 1: Mt=8.61
      - 2: Mt=8.16
  - **Sex+**
    - **Contact+**
      - **WOMEN** (N=514):
        - 1: Mt=7.40
        - 2: Mt=7.40
      - **MEN** (N=515):
        - 1: Mt=7.40
        - 2: Mt=7.40

### Split up by meaning in life (N=1017):

**Gender Split**

**Meaning**
- **Meaning**
  - **WOMEN** (N=514):
    - 1: Mt=5.08
    - 2: Mt=5.36
  - **MEN** (N=515):
    - 1: Mt=5.08
    - 2: Mt=5.36

### Split up by relations with oneself (N=980):

**Gender Split**

**Relations**
- **Very good**
  - **Good**
    - **Neither**
      - **Bad**
        - **WOMEN** (N=514):
          - 1: Mt=8.61
          - 2: Mt=8.16
        - **MEN** (N=515):
          - 1: Mt=8.61
          - 2: Mt=8.16

### Split up by rating of financial and material circumstances (N=138):

**Gender Split**

**Circumstances**
- **Unemployed only**
  - **Very good**
    - **Good**
      - **Neither**
        - **Bad**
          - **WOMEN** (N=514):
            - 1: Mt=3.44
            - 2: Mt=3.44
          - **MEN** (N=515):
            - 1: Mt=3.44
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DMt=-

DMt=-

DMt=-

DMt=-

r=-.39 p<.00

DMt=+
Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

Study  
VENTE 1996  
Reported in: Ventegodt, S.  
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)  
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: Current employment status  
Code: E 2.2

Measurement: unemployed/employed women and men with/without children/partner  
0: no partner  
1: with partner

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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

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

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 164 of 275
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Findings on Happiness & EMPLOYMENT

**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:* Current employment status  Code: E 2.2

*Measurement:* current employment status
  a: private sector
  b: public sector
  c: unemployment benefits
  d: social security recipient

*Measured Values:* N: All:4169; %:a:47,3; b:38,8; c:9,7; d:4,3

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</table>
| A-AOL/m/sq/v/5/a | a: Mt = 8.04  
                    b: Mt = 7.80  
                    c: Mt = 7.25  
                    d: Mt = 6.35 |         |
| O-HL/c/sq/v/5/h  | a: Mt = 7.25  
                    b: Mt = 7.05  
                    c: Mt = 6.59  
                    d: Mt = 6.01 |         |
| O-SLu/c/sq/v/5/e | a: Mt = 7.68  
                    b: Mt = 7.54  
                    c: Mt = 6.81  
                    d: Mt = 5.99 |         |
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

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: Current employment status Code: E 2.2

Measurement:
- years of schooling without employment
  - < 13 years: a1
  - 13-14 years: a2
  - 15-16 years: a3
  - > 16 years: a4
- years of schooling with employment
  - < 13 years: b1
  - 13-14 years: b2
  - 15-16 years: b3
  - > 16 years: b4

Measured Values:
N: All:1009; a1:108; a2:17; a3:9; a4:2; b1:614; b2:83; b3:117; b4:59

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/m/sq/v/5/a
- schooling unemployed employed
  - < 13 years Mt=6.98 Mt=7.93
  - 13-14 years Mt=7.50 Mt=7.93
  - 15-16 years Mt=6.90 Mt=7.85
  - > 16 years Mt=7.28 Mt=7.91

O-HL/c/sq/v/5/h
- schooling unemployed employed
  - < 13 years Mt=6.38 Mt=7.61
  - 13-14 years Mt=6.34 Mt=7.16
  - 15-16 years Mt=6.15 Mt=7.11
  - > 16 years Mt=6.51 Mt=7.14

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 167 of 275
<table>
<thead>
<tr>
<th>Schooling</th>
<th>Unemployed</th>
<th>Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 13 years</td>
<td>Mt = 6.51</td>
<td>Mt = 7.60</td>
</tr>
<tr>
<td>13-14 years</td>
<td>Mt = 6.50</td>
<td>Mt = 7.63</td>
</tr>
<tr>
<td>15-16 years</td>
<td>Mt = 6.70</td>
<td>Mt = 7.65</td>
</tr>
<tr>
<td>&gt; 16 years</td>
<td>Mt = 6.66</td>
<td>Mt = 7.58</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT  

Correlate Code: E 2

Study  
**VENTE 1996**  
*Page in Report: 170*

**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:** Current employment status  
Code: E 2.2

**Measurement:** unemployment with/without partner/friend  
0: without partner  
1: with partner

**Measured Values:** N All:3389

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>unemployed without friend</td>
<td>employed without friend</td>
</tr>
<tr>
<td></td>
<td>unemployed with friend</td>
<td>employed with friend</td>
</tr>
<tr>
<td>0: Ms=5.20</td>
<td>6.41</td>
<td>6.63</td>
</tr>
<tr>
<td>1: Ms=6.28</td>
<td>7.59</td>
<td>7.40</td>
</tr>
</tbody>
</table>

| O-HL/c/sq/v/5/h | unemployed without friend | employed without friend |
|                | unemployed with friend | employed with friend |
| 0: Ms=4.80     | 5.25       | 5.45    | 5.93 |
| 1: Ms=5.94     | 7.15       | 6.69    | 7.64 |

| O-SLu/c/sq/v/5/e | unemployed without friend | employed without friend |
|                 | unemployed with friend | employed with friend |
| 0: Ms=4.73      | 5.75       | 6.14    | 6.80 |
| 1: Ms=5.56      | 7.35       | 6.99    | 8.03 |
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Study VEROF 1981

Reported in: Veroff, J.; Douvan, E.; Kulka, R.A.
The Inner American, A Self-portrait from 1957 to 1976
Basic Books, 1981, New York, USA

Population: 21 aged, general public, non-institutionalized, USA, 1976

Sample:
Non-Response: 29%
N: 2264

Measured Correlate

Class: Current employment status Code: E 2.2
Measurement:
0 Unemployed
1 Working

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa G=-.54 p<.01 1957

1957 1976
- Men G' = -.57 (01) G' = -.73 (01)
  b' = -.09 (01) b' = -.32 (01)
- Women G' = -.48 (01) G' = -.29 (01)
  b' = -.10 (01) b' = -.07 (01)

Effect persists after control for age and education, both among males and females.
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

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: Current employment status  Code: E 2.2

Measurement: 0 Unemployed
1 Employed

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>
| M-CO/c/sq/n/7/a  | DMt=+      | p<.001  | Unemployed Mt’ = 5.9  M = 4.51
|                 |            |         | Employed   Mt’ = 7.2  M = 5.34 |
| O-HL/c/sq/n/7/a  | DMt=+      | p<.001  | Unemployed Mt’ = 7.8  M = 5.69
|                 |            |         | Employed   Mt’ = 8.7  M = 6.19 |

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Findings on Happiness & EMPLOYMENT

---

**Study**

**WHITE 1979**

**Reported in:** White, L.K.

Sex differentials in the effects of remarriage on global happiness

*Journal of Marriage and the Family, vol 41, 1979, 869-876*

**Population:** Adult, general public, married and divorced, Nebraska, USA, 1977

**Sample:**

**Non-Response:**

*N:* 1085

---

**Measured Correlate**

**Class:** Current employment status  
**Code:** E 2.2

**Measurement:** Whether or not working at the time of the survey.

0 No work  
1 Work

**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/ad</td>
<td>r=</td>
<td></td>
</tr>
<tr>
<td>1: first marriage men</td>
<td>+.10 (ns)</td>
<td></td>
</tr>
<tr>
<td>2: first marriage women</td>
<td>-.01 (ns)</td>
<td></td>
</tr>
<tr>
<td>3: remarriage men</td>
<td>.00 (ns)</td>
<td></td>
</tr>
<tr>
<td>4: remarriage women</td>
<td>+.07 (ns)</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

**Study**  
WILKE 1978/1  
*Reported in:* Wilkening, E.A. & McGranahan, D.  
Correlates of Subjective Well-being in Northern Wisconsin  
Social Indicators Research, vol 5 (1978), p.221-234  
*Population:* 18+aged, general public, NW Wisconsin-residents, USA, 1974  
*Sample:*  
*Non-Response:* 12%  
*N:* 1423

---

**Measured Correlate**  
*Class:* Current employment status  
*Code:* E 2.2  
*Measurement:*  
1: currently employed  
0: other  

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-SLW/u/sqt/v/7/a | \( r = -0.13 \) \( p < 0.05 \) | \( \beta = -0.1 \) \( p < 0.05 \)  
8 controlled for 1+2+3+4+5:  
1: education, occupation, income, level of living  
2: live alone, married, children, contact with relatives, contact with friends, church attendance, organizational membership.  
3: health problems, recent move, separated/divorced.  
4: retired, widowed.  
5: urban living, rural living, female.  
8 in different age groups:  
under 30: +.02 (ns)  
30-49: -.13 (05)  
50-64: -.23 (05)  
over 64: -.11 (05)  
\( \beta = -0.1 \) \( p < 0.05 \)  
8 controlled for 3 only:  
interaction with age significant (05)
Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

**Study**  
BUCHA 1953/1

*Reported in:* Buchanan, W. & Cantril, H.  
*How nations see each other. A study in public opinion.*  
*Urbans, USA, 1953, University of Illinois Press.*

*Population:* 21+ aged, general public, Australia, 1948-49

*Sample:*

*Non-Response:* -

*N:* 945

---

**Measured Correlate**

*Class:* Full-time house-wife  
*Code:* E 2.2.1

*Measurement:*  
1 Housewife  
2 Other occupation

*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-SLC/c/sq/v/3/a</td>
<td>r=-.08</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>G=-.14</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

\(^1\) M'=1.95  Mt'=4.8

---

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**Findings on Happiness & EMPLOYMENT**

**BUCHA 1953/2**

*Reported in:* Buchanan, W. & Cantril, H.
How nations see each other. A study in public opinion.
Urbans, USA, 1953, University of Illinois Press.

*Population:* 21+ aged, general public, Great Britain, 1948-49

*Sample:*
*Non-Response:* -
*N:* 1195

**Measured Correlate**

*Class:* Full-time house-wife  Code: E 2.2.1

*Measurement:* 1 Housewife
2 Other occupation

**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-SLC/c/sq/v/3/a</td>
<td>r=-.06</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td></td>
<td>G=-.13</td>
<td>p&lt;.05</td>
</tr>
</tbody>
</table>
BUCHA 1953/3

Reported in: Buchanan, W. & Cantril, H.
How nations see each other. A study in public opinion.
Urbans, USA, 1953, University of Illinois Press.

Population: 21+ aged, general public, France, 1948-49

Sample: 1
Non-Response: -
N: 1000

Measured Correlate

Class: Full-time house-wife Code: E 2.2.1
Measurement: 1 Housewife
2 Other occupation

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-SLC/c/sq/v/3/a</td>
<td>r=-.04</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>G=-.08</td>
<td>ns</td>
</tr>
</tbody>
</table>

M' =1.33  M' =1.7
Findings on Happiness & EMPLOYMENT

**BUCHA 1953/4**

*Reported in:* Buchanan, W. & Cantril, H.
How nations see each other. A study in public opinion.
Urbans, USA, 1953, University of Illinois Press.

*Population:* 21+ aged, general public, West Germany, 1948-49

*Sample:*

*Non-Response:* -

*N:* 3341

---

**Measured Correlate**

*Class:* Full-time house-wife  
*Code:* E 2.2.1

*Measurement:* 1 Housewife  
2 Other occupation

*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-SLC/c/sq/v/3/a</td>
<td>r=.01</td>
<td>ns 1</td>
</tr>
<tr>
<td></td>
<td>G=.08</td>
<td>ns</td>
</tr>
</tbody>
</table>

M' = 1.53  
Mt' = 2.6
### Study

**BUCHA 1953/5**

*Reported in:* Buchanan, W. & Cantril, H.
*How nations see each other. A study in public opinion.*
*Urbans, USA, 1953, University of Illinois Press.*

*Population:* 21+ aged, general public, Italy, 1948-49

*Sample:*
*Non-Response:* -
*N:* 1078

### Measured Correlate

*Class:* Full-time house-wife  
*Code:* E 2.2.1

*Measurement:*  
1. Housewife  
2. Other occupation

### 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-SLC/c/sq/v/3/a</td>
<td>r=+.02 ns</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>G=+.06 ns</td>
<td></td>
</tr>
</tbody>
</table>

*O-SLC/c/sq/v/3/a*  
*G=+.06 ns*  
*M' =1.60  Mt' =3.0*
### Study

**BUCHA 1953/6**

**Reported in:** Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.

**Population:** 21+ aged, general public, Mexico, 1948 - 49

**Sample:**

**Non-Response:** -

**N:** 1752

### Measured Correlate

**Class:** Full-time house-wife  
Code: E 2.2.1

**Measurement:**

1. Housewife  
2. Other occupation

**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-SLC/c/sq/v/3/a</td>
<td>r = .04  p &lt; .05</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>G = .09  p &lt; .05</td>
<td></td>
</tr>
</tbody>
</table>

|M' = 1.64  Mt' = 3.2|

---

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**Study**  
**BUCHA 1953/8**  
*Reported in:* Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.  
*Population:* 21+ aged, general public, Norway, 1948 - 49  
*Sample:*  
*Non-Response:* -  
*N:* 1030

### Measured Correlate

- **Class:** Full-time house-wife  
- **Code:** E 2.2.1  

#### Measurement:
- 1 Housewife  
- 2 Other occupation

#### 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-SLC/c/sq/v/3/a</td>
<td>r=+.04 ns</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>G=+.08 ns</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

Study  
BUCHA 1953/9  
Page in Report: 214

Reported in: Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.

Population: 21+ aged, general public, USA, 1948 - 49

Sample:

Non-Response: -

N: 1015

Measured Correlate

Class: Full-time house-wife  Code: E 2.2.1

Measurement:  
1 Housewife
2 Other occupation

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLC/c/sq/v/3/a  r=-.02  ns  
G=-.04  ns

M' =1.87  M't =4.4
### Findings on Happiness & EMPLOYMENT

**Correlate Code: E 2**

<table>
<thead>
<tr>
<th>Study</th>
<th>CANTR 1965/1</th>
<th>Page in Report: 259</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Population:</strong></td>
<td>Adults, general public, 14 countries ±1960</td>
<td></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>18,653 (See &quot;Remarks&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Full-time house-wife Code: E 2.2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td>0 All 1 Housewife (if no head of household)</td>
</tr>
</tbody>
</table>

### Measured Values:

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=-.06</td>
<td>ns</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study CANTR1965/15

Reported in: Cantril, H.
The patterns of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

Population: 21+ aged, general public, Yugoslavia, 1962

Sample:
Non-Response: -
N: 1523

Measured Correlate

Class: Full-time house-wife  Code: E 2.2.1

Measurement:

0 All
1 Housewives

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-BW/c/sq/l/11/a  DMt=-0.1  All  Mt = 5.0
                          Housewives  Mt = 4.9
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

FOGAR 1985

Reported in: Fogarty, M.  
British attitudes to work  

Population: Adults, general public, Britain, 1981

Sample:

Non-Response: ?

N: 1231

Full-time housewife  Code: E 2.2.1

Class: Full-time housewife  Code: E 2.2.1

Measurement: 0 Not employed/part-time employed  
1 Full-time employed

Measured Values:

O-SLW/c/sq/n/10/aa DM=+  
housewives only:  
not employed  M = 7.6  Mt' = 7.3  
part-time employed  M = 7.6  Mt' = 7.3  
full-time employed  M = 7.9  Mt' = 7.7

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-SLW/c/sq/n/10/aa  DM=+  
not employed  M = 7.6  Mt' = 7.3  
part-time employed  M = 7.6  Mt' = 7.3  
full-time employed  M = 7.9  Mt' = 7.7

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Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

---

**Study**  
*FOGAR 1985*  
*Reported in:* Fogarty, M.  
British attitudes to work  
*Population:* Adults, general public, Britain, 1981  
*Sample:*  
*Non-Response:* ?  
*N:* 1231

---

**Measured Correlate**  
*Class:* Full-time house-wife *Code:* E 2.2.1  
*Measurement:* 0 Not employed/part-time employed.  
1 Full-time employed.  
*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

---

**Observed Relation with Happiness**  
*Happiness Query* | *Statistics* | *Remarks*  
---|---|---  
A-BB/cm/mq/v/2/a | DM=+ |  
Housewives only:  
Not employed: \( M = 0.5 \) \( M' = 5.5 \)  
Part-time employed: \( M = 1.1 \) \( M' = 6.1 \)  
Full-time employed: \( M = 1.6 \) \( M' = 6.6 \)
Findings on Happiness & EMPLOYMENT  
Correlate Code: E 2

### Study  
**HARDI 1985**  
*Reported in:* Harding, Stephen  
Values and the nature of psychological well-being  
*Population:* 18+ aged, general public, Britain, 1983  
*Sample:*  
*Non-Response:* ?  
*N:* 1231  

### Measured Correlate  
*Class:* Full-time house-wife  
*Code:* E 2.2.1  
*Measurement:*  
- not having work  
- working part-time  
- working full-time  

### Measured Values:  

### Observed Relation with Happiness  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mq/v/2/a| DM=+       | women only  
not having work \( M = 0.8 \) \( M_t^* = 5.8 \)  
working part-time \( 1.4 \) \( 6.4 \)  
working full-time \( 1.9 \) \( 6.9 \) |
Findings on Happiness & EMPLOYMENT

Study

HOLLA 1985

Reported in: Holland-Benin, M. & Cable-Nienstedt, B.
Happiness in single- and dual-earner families: the effect of marital happiness, job

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

Sample:
Non-Response: ?
N: 3050

Measured Correlate

Class: Full-time house-wife  Code: E 2.2.1
Measurement: 0 Housewives
1 Working wives

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/u/sq/v/3/h  G=-.01  ns  Wives only
### Study

**MOLNA 1985**

*Reported in:* Molnar, J.J.

Determinants of subjective well-being among farm operators: characteristics of the firm

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29.9%

*N:* 705

### Measured Correlate

**Class:** Full-time house-wife  
**Code:** E 2.2.1

*Measurement:* Single closed question on wife's work off the farm, rated on a 3-point scale: 1. did not work off the farm / 2. worked part-time / 3. worked full time.

### 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>r=+.06 ns</td>
<td></td>
</tr>
<tr>
<td></td>
<td>r=+.06 ns</td>
<td></td>
</tr>
</tbody>
</table>

Beta=+.0 ns  
*Beta controlled for:* gross farm sales, percent farm income, total family income, off-farm work days, land operated, growth plans, commitment to farming, economic constraints, self-definition, age, and education.

When specified for size of farm:
- small $\beta=+.08$
- medium $\beta=+.05$
- large $\beta=+.00$

Beta=+.0 ns  
*Beta controlled for:* gross farm sales, percent farm income, total family income, off-farm work days, land operated, growth plans, commitment to farming, economic constraints, self-definition, age, and education.

When specified for size of farm:
- small $\beta=+.08$
- medium $\beta=+.05$
- large $\beta=+.00$
<table>
<thead>
<tr>
<th>Study</th>
<th>ROSE 1955</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Rose, A.M.</td>
</tr>
<tr>
<td></td>
<td>Factors associated with the life satisfaction of middle class, middle aged persons.</td>
</tr>
<tr>
<td>Population:</td>
<td>Married couples, middle aged, middle-class, USA, 1952</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>50 %</td>
</tr>
<tr>
<td>N:</td>
<td>416</td>
</tr>
</tbody>
</table>

### Measured Correlate

| Class: | Full-time house-wife |
| Code: | E 2.2.1 |

### 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-SLu/g/sq/v/5/a</td>
<td>D%= + p&lt;.05</td>
<td>Reported for married females only 61% of the dissatisfied and 76% of the satisfied women have paid work</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

**Study**

**SEARS 1977A**

*Reported in:* Sears, P.S. & Barbee, A.H.  

*Population:* "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

*Sample:* 
Attrition in 1972: 25%

*N:* 1928 N=671; 1972 N=430

---

**Measured Correlate**

*Class:* Full-time house-wife  
*Measurement:* 0 Homemakers  
1 Income workers

Assessed 1972

*Measured Values:* 

*Error Estimates:* 

*Remarks:* The gifted women were about 62 yrs of age in 1972.

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-ASG/h/mq/v/5/a</td>
<td>D%=-</td>
<td>The gifted women were about 62 yrs of age in 1972.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>homemakers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>married, housewife</td>
</tr>
<tr>
<td></td>
<td></td>
<td>income workers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>married</td>
</tr>
<tr>
<td></td>
<td></td>
<td>single, widowed, divorced</td>
</tr>
<tr>
<td>AoV=+ ns</td>
<td></td>
<td>1972 employment state by 1972 happiness.</td>
</tr>
</tbody>
</table>
G' concerns marrieds only. All unmarried Ss were still employed.

Specification by education (marrieds only).
- College graduates \( G' = +.10 \ (05) \)
- Some college \( G' = -.33 \ (01) \)
- High school graduate \( G' = +.14 \ (ns) \)

Comparison with average 30+ aged married women in the USA 1971 (Data CAMPB 1975, HAPP 2.1):
- All \( G' = -.06 \ (01) \)
- College graduate \( G' = +.50 \ (01) \)
- Some college \( G' = 00 \ (ns) \)
- High school graduate \( G' = -.07 \ (05) \)

M-PL/h/sq/v/5/b Chi²= p<.00
<table>
<thead>
<tr>
<th>Study</th>
<th>TESSL 1975</th>
<th>Page in Report: 103</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Tessler, R. &amp; Mechanic, D.</td>
<td></td>
</tr>
<tr>
<td>Consumer satisfaction with prepaid group practice: A comparative study</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Employees' families, two firms, USA, 1973</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>712</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

- **Class**: Full-time house-wife  Code: E 2.2.1
- **Measurement**: 0 Respondents (males and females) employed outside the house 1 Housewives

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>r=-.02</td>
<td>ns</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Study

TOWNS 1981

Reported in: Townsend, A.& Gurin, P.
Re-examining the frustrated homemaker hypothesis; Role-fit, personal satisfaction

Population: 18+ aged, white women, USA, 1972
Sample:
Non-Response:
N: 946

Measured Correlate

Class: Full-time house-wife Code: E 2.2.1
Measurement:
0 Employed women
1 Career-oriented homemakers
2 Home-oriented homemakers

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
C-RA/h/sq/v/2/a Beta=+.0 p<.001 Controlled for age, education and marital status.
employed women Ma = 1.33
career-oriented homemakers Ma = 1.47
home-oriented homemakers Ma = 1.25

Adjusted means (Ma) based on the dichotomy
1 = happy, 2 = unhappy

E²=.10
Employed women M = 1.67
Career-oriented homemakers M = 1.57
Home-oriented homemakers M = 1.74

Beta=+.1 p<.001 β and Ma(adjusted Mean) are controlled for age, education and marital status.
Employed women Ma = 1.67
Career-oriented homemakers Ma = 1.53
Home-oriented homemakers Ma = 1.75
### Findings on Happiness & Employment

**Correlate Code: E 2**

Controlled for age, education and marital status.

<table>
<thead>
<tr>
<th>Category</th>
<th>Adjusted Mean (Ma)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed women</td>
<td>1.10</td>
</tr>
<tr>
<td>Career-oriented homemakers</td>
<td>1.18</td>
</tr>
<tr>
<td>Home-oriented homemakers</td>
<td>1.06</td>
</tr>
</tbody>
</table>

Adjusted means (Ma) based on dichotomy
1 = happy, 2 = unhappy

**Notes:**
- Beta = -.0 $p < .001$
- E² = .10
- Beta = +.1 $p < .001$

Beta and Ma (adjusted Mean) are controlled for age, education and marital status.

<table>
<thead>
<tr>
<th>Category</th>
<th>Adjusted Mean (Ma)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed women</td>
<td>1.90</td>
</tr>
<tr>
<td>Career-oriented homemakers</td>
<td>1.84</td>
</tr>
<tr>
<td>Home-oriented homemakers</td>
<td>1.94</td>
</tr>
</tbody>
</table>

Employed women, career-oriented homemakers, and home-oriented homemakers are controlled for age, education, and marital status.

---

**World Database of Happiness:** [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)
Findings on Happiness & EMPLOYMENT

**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:* Full-time house-wife  
**Code:** E 2.2.1

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

*Measured Values:*

|------------|--------------------------------------------------------------------------------------------------|

*Error Estimates:*

*Remarks:* only absolute frequencies are given, because categories are overlapping

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SINGLE in home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt=7.64</td>
<td></td>
</tr>
<tr>
<td>men</td>
<td>Mt=6.78</td>
<td></td>
</tr>
<tr>
<td>children</td>
<td>Mt=7.04</td>
<td></td>
</tr>
<tr>
<td>no children</td>
<td>Mt=6.59</td>
<td></td>
</tr>
<tr>
<td>WITH PARTNER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt=7.96</td>
<td>7.84</td>
</tr>
<tr>
<td>men</td>
<td>Mt=8.03</td>
<td>8.08</td>
</tr>
<tr>
<td>children</td>
<td>Mt=7.39</td>
<td>7.31</td>
</tr>
<tr>
<td>no children</td>
<td>Mt=7.38</td>
<td>7.35</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SINGLE in home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt=5.73</td>
<td>5.68</td>
</tr>
<tr>
<td>men</td>
<td>Mt=5.55</td>
<td>5.66</td>
</tr>
<tr>
<td>children</td>
<td>Mt=5.73</td>
<td>5.68</td>
</tr>
<tr>
<td>no children</td>
<td>Mt=5.55</td>
<td>5.66</td>
</tr>
<tr>
<td>WITH PARTNER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt=7.39</td>
<td>7.31</td>
</tr>
<tr>
<td>men</td>
<td>Mt=7.38</td>
<td>7.35</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  
World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)
<table>
<thead>
<tr>
<th></th>
<th>children</th>
<th></th>
<th>no children</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 6.54</td>
<td>6.15</td>
<td>Mt = 6.15</td>
<td>6.83</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 7.69</td>
<td>7.64</td>
<td>Mt = 7.69</td>
<td>7.76</td>
</tr>
<tr>
<td>WITH PARTNER</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>women</td>
<td>Mt = 7.69</td>
<td>7.64</td>
<td>Mt = 7.69</td>
<td>7.76</td>
</tr>
<tr>
<td>men</td>
<td>Mt = 7.69</td>
<td>7.64</td>
<td>Mt = 7.69</td>
<td>7.76</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Study  VEROF 1981 Page in Report: 410

Reported in: Veroff, J.; Douvan, E.; Kulka, R.A.
The Inner American, A Self-portrait from 1957 to 1976
Basic Books, 1981, New York, USA

Population: 21 aged, general public, non-institutionalized, USA, 1976

Sample:
Non-Response: 29%
N: 2264

Measured Correlate

Class: Full-time house-wife Code: E 2.2.1
Measurement:
0 Working women
1 Full-time housewives (males 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-HL/c/sq/v/3/aa</td>
<td>G=-.05</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>tb=-.01</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>G=+.04</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td></td>
<td>tb=+.01</td>
<td>ns</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>21 - 34 aged</th>
<th>G' = -.31 (01)</th>
<th>G' = +.17 (01)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>_b' = -.05 ns</td>
<td>_b' = +.05 ns</td>
</tr>
<tr>
<td>35 - 54 aged</td>
<td>G' = +.19 (01)</td>
<td>G' = +.48 (01)</td>
</tr>
<tr>
<td></td>
<td>_b' = +.06 (05)</td>
<td>_b' = +.13 (01)</td>
</tr>
<tr>
<td>55+ aged</td>
<td>G' = -.14 (01)</td>
<td>G' = -.30 (01)</td>
</tr>
<tr>
<td></td>
<td>_b' = -.05 ns</td>
<td>_b' = -.09 (01)</td>
</tr>
</tbody>
</table>
### Findings on Happiness & EMPLOYMENT

**Correlate Code:** E 2

**Study**

<table>
<thead>
<tr>
<th>Measured Values</th>
<th>Error Estimates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>N: 2541</td>
<td></td>
<td>Working wives with preschool children were omitted from the sample. (Not housewives with pre-school children).</td>
</tr>
</tbody>
</table>

**Population:** White married women, USA, 1971-76

**Sample:**

**Non-Response:**

**Measured Correlate**

- **Class:** Full-time house-wife
- **Measurement:** 1 Housewives, 0 Working wives

**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 G=±</td>
<td>Middle class: Working class: Housewives Mt' = 8.2 Working Mt' = 7.9 Working cl.: Housewives Mt' = 8.1 Working Mt' = 8.0</td>
<td></td>
</tr>
<tr>
<td>O-SLW/c/sq/n/7/a DMt=±</td>
<td>No consistent, substantial or significant differences.</td>
<td></td>
</tr>
</tbody>
</table>

*Journal of Marriage and the Family, 1978, vol 40, p 301-373*
Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

Study  KAINU 1998  Page in Report: 261

Reported in:  Kainulainen, Sakari
Elämäntapahtumat ja elämään tyytäisyys eri sosiaaliluokissa, (Life Events and Kuopio University Publications (E Social Sciences 62), Kuopio, Finland.
ISBN 951-781-821-1

Sample:  Probability sample (unspecified)
Non-Response:  not rep
N:  2682

Measured Correlate

Class:  Unfit for work  Code: E 2.2.4
Measurement:  Have you experienced inability to work (a) during the last year ? (b) ever in your life ?
Answers:  No (=0) or Yes (=1).

Measured Values:  Never:  N = 2037
Ever in your life :  N = 405

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-SLu/c/sq/v/5/g  r=-.14  p.<.  during the last year
r=-.10  p.<.  ever in your life
DM=-  p.<.  never:  M = 3.91
ever in your life:  M = 3.63
95% CI for difference:  [0.18 ; 0.38]
Findings on Happiness & EMPLOYMENT

KAINU 1998

Reported in: Kainulainen, Sakari
Elämäntapahtumat ja elämään tyytyväisyys eri sosiaaliluokissa, (Life Events and
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: Unemployed involuntary Code: E 2.2.5
Measurement: Have you experienced being unemployed during the last year?
(b) ever in your life?
Answer: No (=0) or Yes (=1)

Measured Values:
Never: N = 915
Ever in your life: N = 799

Error Estimates:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLu/c/sq/v/5/g r=-.28 p<. during the last year
r=-.23 p<. ever in your life
DM= p<. never: M = 4.00
ever in your life: M = 3.64
95% CI for difference: [0.28; 0.44]

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 200 of 275
### Study

**STACK1998**  
**Reported in:** Stack, S & Ross Esheleman, J  
Marital Status and Happiness: A 17 Nation Study.  
Journal of Marriage and the Family, vol. 60, 527-536

**Population:** 18+ aged, 17 first world nations, 1981-1983

**Sample:** Probability multi-stage cluster sample

**Non-Response:** nr  
**N:** 18,000

### Measured Correlate

**Class:** Unemployed involuntary  
**Code:** E 2.2.5

**Measurement:** Are you employed now, or not?

### Measured Values

**Error Estimates:**

### 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/4/a  | Beta=-.0 p<.05 | All  
Beta controlled for  
- sexe  
- age  
- church attendance  
- parental status  
- nation |
Study  
**DOBSO 1985**  
*Reported in:* Dobson, C.  
Attitudes and Perceptions  
*Population:* 50+ aged males, fulltime employed, followed ten years, Iowa, USA, 1964-74  
*Sample:*  
*Non-Response:* T1 refusals: 8%  
T1-T2 drop-out: 29%, of which 20% deceased  
*N:* T1: 1870, T2: 1319  

**Measured Correlate**  
*Class:* Full-time vs part-time  
*Code:* E 2.3.1  
*Measurement:*  
3. Fulltime  
2. Parttime  
1. Retired  

Employment status 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>M-CO/h/sq/v/4/a D%=+</td>
<td>% very contented: T1 T2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- full time</td>
<td>58 57</td>
</tr>
<tr>
<td></td>
<td>- part-time</td>
<td>53 57</td>
</tr>
<tr>
<td></td>
<td>- retired</td>
<td>49 53</td>
</tr>
<tr>
<td></td>
<td>- all</td>
<td>54 55</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

Study  
GLENN 1979  
Reported in: Glenn, N.D., Weaver, C.N. 
A note on family situation and global happiness  
Social Forces, Vol. 57, 1979, p. 960-967  
Population: 18-59 aged whites, non-institutionalized,  
USA, 1972-75  
Sample:  
Non-Response:  
N: 4049  
(72:1023/73:100  
2/74:1005/75:10  
19)  

Measured Correlate  
Class: Full-time vs part-time  
Code: E 2.3.1  
Measurement: 0 Part-time employed females  
1 Full-time employed females  

Measured Values:  

Error Estimates:  

Remarks:  

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
O-HL/c/sq/v/3/aa  Beta=− ns  Employed females only,  8 controlled for: marital status, presence of  children in home, age of children, own age, family  income, occupational prestige (males only),  frequency of attendance of religious services and  years of school completed:  

<table>
<thead>
<tr>
<th></th>
<th>1972</th>
<th>1973</th>
<th>1974</th>
<th>1975</th>
<th>All years</th>
</tr>
</thead>
<tbody>
<tr>
<td>fulltime</td>
<td>.02</td>
<td>.03</td>
<td>.03</td>
<td>.04</td>
<td>.02</td>
</tr>
<tr>
<td>parttime</td>
<td>.04</td>
<td>.03</td>
<td>.00</td>
<td>.02</td>
<td>.01</td>
</tr>
</tbody>
</table>
### Study

**GLENN 1981A**

*Reported in:* Glenn, N.D.; McLanahan, S.
The Effects of Offspring on Psychological Well-being of Older Adults

*Population:* 50+ aged, with no children under age 18 at home, USA, 1973-78

*Sample:*

*Non-Response:*

*N:* 2465

### Measured Correlate

*Class:* Full-time vs part-time  Code: E 2.3.1

*Measurement:*

0 Unemployed
1 Part time work

### 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 | r=+        | Males : r = .48  
Females: r = .46 |
| Beta=±          |            | Males : ß= -.06 (ns)  
Females: ß= +.01 (ns)  
(ß controled for age, family income, years of school completed, church attendance.) |
Study  
GLENN 1981A  
Reported in: Glenn, N.D.; McLanahan, S.  
The Effects of Offspring on Psychological Well-being of Older Adults  
Population: 50+ aged, with no children under age 18 at home, USA, 1973-78  
Sample:  
Non-Response:  
N: 2465  

Measured Correlate  
Class: Full-time vs part-time  
Code: E 2.3.1  
Measurement:  
0 Unemployed  
1 Full-time employed  

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 | r=+        | Males: \( r = +.47 \)  
Females: \( r = +.36 \) |
| Beta=±          | Males: \( \beta = -.01 \) (ns)  
Females: \( \beta = +.00 \) (ns) |

\( \beta \) controlled for age, family income, years of school completed, church attendance.
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

Study

AUSTR 1984/2

Reported in: Austrom, D.R.
The consequences of being single
Peter Lang Publ., New York, 1984

Population: 23-59 aged English speaking, Toronto and Ontario, Canada, 198?
Sample:
Non-Response: 45%
N: 1038

Measured Correlate

Class: Hours work Code: E 2.3.2
Measurement: Single open-ended question: On average, how many hours per week do you spend at work or on work-related activities (business travel, travel to and from work, work-related courses, and work you take home)?

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/u/sq/n/11/a rs ns
Findings on Happiness & EMPLOYMENT

HALMA 1987*

Reported in: Halman, L., Heunks, F., de Moor, R. and Zanders, H.
Traditie, secularisatie en individualisering. A study into the values of the Dutch in a
368-379

Population: 18+ aged, general public, 10 EU nations, 1981

Sample:
Non-Response:

N: 12464

Measured Correlate

Class: Hours work Code: E 2.3.2
Measurement: Direct question: "Do you work? If so, how many hours a week? Are
you..."
(Order reversed).
1 Full time
2 Part time
3 Independent
4 Retired
5 Housewife
6 Student

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/c/sq/n/10/aa r=+.05 ns France
r=+.02 ns Great-Britain
r=+.04 ns West Germany
r=+.06 p<.05 Italy
r=+.07 p<.01 Denmark
r=+.10 p<.01 Belgium
r=+.05 p<.01 Spain
r=+.04 ns Ireland
r=+.06 ns Northern Ireland
DMt=

EC (stratified sample)
Full time         Mt' =  6.89
Part time         Mt' =  6.89
Independent       Mt' =  6.89
Unemployed        Mt' =  5.56
Retired           Mt' =  6.67
Housewife         Mt' =  6.67
Student           Mt' =  6.78

Beta=

In none of the European countries, ß weights of this variable reached .10 level in multiple regression analysis, when controlling for: life satisfaction (HAPP 2.1), affect (AFF 2.3); satisfaction with income, health and family life; age, income, male sex, marital status, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; tolerance, loneliness, misanthropy, hopeless about life and sense of control.
Findings on Happiness & EMPLOYMENT

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: 410

Measured Correlate

Class: Hours work Code: E 2.3.2

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 "work and work related activities".

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

Happiness Query Statistics Remarks
O-DT/u/sq/v/7/a r=+.16 ns PARTICIPATION: working males
r=+.12 ns retired males
r=-.08 ns working females
r=-.03 ns retired females
Beta=+.1 ns working males
Beta=+.0 ns retired males
Beta=-.1 ns working females
Beta=-.0 ns retired females
r=+.12 ns DURATION: working males
r=+.15 ns retired males
r=-.02 ns working females
Findings on Happiness & EMPLOYMENT

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>retired females</td>
<td></td>
</tr>
<tr>
<td>r=+.02 ns</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beta=+.0 ns</td>
<td>working males</td>
<td></td>
</tr>
<tr>
<td>Beta=+.1 ns</td>
<td>retired males</td>
<td></td>
</tr>
<tr>
<td>Beta=-.0 ns</td>
<td>working females</td>
<td></td>
</tr>
<tr>
<td>Beta=+.0 ns</td>
<td></td>
<td>retired females</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 & EMPLOYMENT  

**Study**  
**MICHA 1985**  

*Reported in:* Michalos, A.C.  
Multiple Discrepancies Theory  
Social Indicators Research vol 16 (1985) p.347-413  

*Population:* Students undergraduates University of Guelph, Canada, 1984  

*Sample:*  
Non-Response: 18%  
N: 700  

**Measured Correlate**  

*Class:* Hours work  
Code: E 2.3.2  

*Measurement:*  
1: unemployed  
2: employed 10 hrs  
3: employed 20 hrs  
4: employed 30 hrs  
5: employed 40 hrs  

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

**Observed Relation with Happiness**  

*Happiness Query*  
O-HL/u/sq/v7/a  

*Statistics*  
Beta=+.0 p<.01  

*Remarks*  
8 controlled for:  
- life compared with wants  
- life compared with others  
- life compared with that deserved  
- life compared with best previous experience  
- self esteem  
- social support
<table>
<thead>
<tr>
<th>Study</th>
<th>SCHUL 1985B</th>
<th>Page in Report: 93,T36</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Schulz, W.; Költzinger, R.; Norden, G.; Tüchler, H. Lebensqualität in Österreich (Quality-of-life in Austria) Research paper nr 10/1, Institut für Soziologie, University of Vienna, Austria 1985</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Adults, non-institutionalized, Austria, 1984</td>
<td></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>?</td>
<td></td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>1776</td>
<td></td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Hours work  **Code:** E 2.3.2

**Measurement:** A single direct question on the time that respondent spends on his job. Rated on a 4-point scale, ranging from 1=less than 10 hours to 4=more than 40 hours.

### 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>M-AO/c/mq/*/0/a</td>
<td>r=+.03</td>
<td></td>
</tr>
<tr>
<td>O-QL?/c/mq/v/5/a</td>
<td>r=-.04</td>
<td></td>
</tr>
</tbody>
</table>
**Study**  
**BAMUN 1980**  
*Reported in:* Bamundo, P. & Kopelman, R.E.  
The moderating effects of occupation, age, and urbanization on the relationship  

*Population:* Heads of households, USA, 1977  
*Sample:*  
*Non-Response:* 59%: overrepresentation of high income, high educated metropolitan  
*N:* 911

**Measured Correlate**  
*Class:* Current employment arrangement  
*Measurement:* Self-employed / not self-employed

**Observed Relation with Happiness**  
*Happiness Query*  
O-SLL/g/sq/v/3/a  
*Statistics*  
$r = +.01$  
*Remarks*  
ns
## Study

**BRAEN 1992/1**  
*Reported in:* Braenholm, I.B. & Degerman, E. A.  
Life satisfaction and activity preferences in parents of Down's syndrome children.  
Braenholm, I.B., On life satisfaction, occupation roles and activity preferences Diss.  
*Population:* Biological parents of children with Down's syndrome, Norbotten County, Sweden, 1990  
*Sample:* Non-probability purposive-expert sample  
*Non-Response:* 0%  
*N:* 74

### Measured Correlate

*Class:* Current employment arrangement  
*Measurement:* 1. no paid job  
2. paid job

### 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/6/a</td>
<td>ns</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

Study

BRAEN 1992/2

Reported in: Braenholm, I.B. & Degerman, E.A.
Life satisfaction and activity preferences in parents of Down's syndrome children

Sample: Probability stratified sample

Non-Response:
N: 89

Measured Correlate

Class: Current employment arrangement  Code: E 2.4
Measurement:
1. no paid job
2. paid job

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLW/u/sq/v/6/a  SNR=  ns
### Study

**NEAR 1978**

**Reported in:** Near, J.P., Rice, R.W. & Hunt, R.G.

Work and extra-work correlates of life and job satisfaction


**Population:** Adult, general public, Western New York State, USA, 1975

**Sample:**

**Non-Response:**

| $N$ | 384 |

---

### Measured Correlate

**Class:** Current employment arrangement  Code: E 2.4

**Measurement:**

**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-SLW/c/sq/v/5/d</td>
<td>$R^2=.01$</td>
<td>ns</td>
</tr>
</tbody>
</table>
## Study
**NEUBE 1978/1**  
*Reported in:* Neuberger, O. & Allerbeck, M.  
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Work-Satisfaction)  
Verlag hans Huber, 1978, Bern, Switzerland

*Population:* Employees, industry or service sector, Austria and West Germany, ±1970

*Sample:*

*Non-Response:* 5592

---

## Measured Correlate
**Class:** Current employment arrangement  
**Code:** E 2.4

**Measurement:**  
- Freelancer  
- Part-time worker  
- Wage earner  
- Official  
- Apprentice

### Measured Values:

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLS/c/sq/f/7/a</td>
<td>E²=+.16</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

**Freelancer**  
M=5.10  Mt'=6.83

**Part-time worker**  
M=5.41  Mt'=7.35

**Wage earner**  
M=4.72  Mt'=6.20

**Official**  
M=5.34  Mt'=7.23

**Apprentice**  
M=5.57  Mt'=7.62

---

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

**Correlate Code:** E 2

#### PEIL 1984

- **Reported in:** Peil, M.  
  African urban life: components of satisfaction in Sierra Leone  

- **Population:** Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981

- **Sample:**

  - **Non-Response:** 5% (on some items up to 60%)

  - **N:** 640

#### Measured Correlate

- **Class:** Current employment arrangement  
  Code: E 2.4

- **Measurement:**
  - not employed
  - self employed
  - government employed
  - private employed

#### 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-SLW/u/sq/l/7/a</td>
<td>DMt=+</td>
<td></td>
</tr>
</tbody>
</table>

**Happiness level in Mt' (0-10):**

- **not employed**
  - males: 7.0  
  - females: 7.6

- **self employed**
  - 7.3

- **government employed**
  - 7.5

- **private employed**
  - 7.6  
  - 7.9

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

Study  PEIL 1984

Reported in: Peil, M.
African urban life: components of satisfaction in Sierra Leone

Population: Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981

Sample:
Non-Response: 5% (on some items up to 60%)
N: 640

Measured Correlate

Class: Current employment arrangement  Code: E 2.4

Measurement:
- not employed
- self employed
- government employed
- private employed

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLW/u/sq/l/7/a  DMt=+   Happiness level in Mt' (0-10):
- not employed  males: 7.0  females: 7.6
- self employed  7.3  7.0
- govern. employed  7.5  7.8
- private employed  7.6  7.9
Findings on Happiness & EMPLOYMENT  

<table>
<thead>
<tr>
<th>Study</th>
<th>BRENN 1970</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Brenner, B.</td>
</tr>
<tr>
<td>Population:</td>
<td>Highschool pupils, New York State, USA, 1960</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>1%</td>
</tr>
<tr>
<td>N:</td>
<td>5204</td>
</tr>
</tbody>
</table>

**Measured Correlate**

- **Class**: Working of students  
  Code: E 2.5.3
- **Measurement**: Direct question on number of hours per week during the school year.

**Measured Values:**

**Error Estimates:**

**Remarks:**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/g/sq/v/5/a | G=-.03 | Social class : G = +.04  
Medium and upper class : G = -.05 |
| V= .03 | ns |
| O-HL/u/sq/v/4/b | G=-.02 | Lower social class : G = +.01  
Middle and upper class : G = -.05 |
| V= .03 | ns |
Findings on Happiness & EMPLOYMENT

**Study**

**WASHB 1941**

*Reported in:* Washburne, J.N.
Factors related to the social adjustment of college girls.

*Population:* Female college students, New York, USA, 194?

*Sample:*

*Non-Response:* -

*N:* 238

**Measured Correlate**

*Class:* Working of students  Code: E 2.5.3

*Measurement:* 0 Non-working
1 Working

**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>M-CO/?/?q/?/0/a</td>
<td>D%=+ ns</td>
<td>L-shaped curve: positive relationship among happier females only.</td>
</tr>
<tr>
<td></td>
<td>SNR=+ ns</td>
<td>L-shaped curve: positive relationship among happier females only.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

Study: MOLNA 1985

Reported in: Molnar, J.J.
Determinants of subjective well-being among farm operators: characteristics of the
Rural Sociology, Vol 50, 1985, pp. 141-162

Population: Farm operators, Alabama, USA, 1981

Sample:

Non-Response: 29.9%
N: 705

Measured Correlate

Class: Multiple jobs Code: E 2.5.4

Measurement:
Closed questions on:
1 'Husband's off-farm workdays' (rated
   on a 6-point scale ranging from
   'none' to '200 or more')
2 'Wife's work on the farm' (rated on a
   3-point scale: 1. did not work off
   the farm / 2. worked part-time / 3.
   worked full time).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-BW/cy/sq/l/9/a R²=.10

- husband employed off-farm Mt' = 6.8
- wife employed off-farm Mt' = 6.1
- both employed off-farm Mt' = 6.6
- neither employed off-farm Mt' = 6.5

R²=.10

- husband employed off-farm M's = 6.8
- wife employed off-farm M's = 6.1
- both employed off-farm M's = 6.6
- neither employed off-farm M's = 6.5

Beta=+.1 p<.01

β controlled for: gross farm sales, percent farm income, total family income, off-farm work days,
land operated, growth plans, commitment to farming, economic constraints, self-definition, age, and
education.

When specified for size of farm:
- small  β=+.23
- medium  β=+.19
- large  β=+.03

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Study  ABBEY 1983

Reported in:  Abbey, A.; Dunkel-Schetter, C.; Brickman, P.
Handling the stress of looking for a job in law school

Population:  Law school students, Chicago, USA, 198?
Sample:  Non-probability chunk sample
Non-Response:  ?
N:  85

Measured Correlate

Class:  Attitudes to own (un)employment  Code: E 2.6
Measurement:  Respondents were asked if they thought luck and circumstances beyond their control were always extremely important determinants of getting a job.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/g/sq/n/9/a  SNR=  ns
Findings on Happiness & EMPLOYMENT

Reported in: Abbey, A.; Dunkel-Schetter, C.; Brickman, P.
Handling the stress of looking for a job in law school

Population: Law school students, Chicago, USA, 198?
Sample: Non-probability chunk sample
Non-Response: ?
N: 85

Measured Correlate

Class: Attitudes to own (un)employment  Code: E 2.6
Measurement: Respondents were asked if they thought effort and ability (internal factors) were always extremely important determinants of getting a job.

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
O-HL/g/sq/n/9/a | DM=+  p<.02 | Students who felt that effort and ability are necessary to obtain a job were happier than students who did not make this attribution.
Findings on Happiness & EMPLOYMENT

BERNO 1985

Reported in: Bernow, R
Livskvaliteten i Sverige. (Lifequality in Sweden)

Population: 18-70 aged, general public, Sweden, 1982

Sample:
Non-Response: ?
N: 1558

Measured Correlate

Class: Attitudes to own (un)employment Code: E 2.6

Measurement:
Single direct questions about:
- Appreciation of such shorter workweek
- Intention to continue present work
- Intention to seek something else in case of shorter workweek

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/c/sqt/v/7/a r=+.52
r=+.28
r=-.31
# Findings on Happiness & EMPLOYMENT

**Correlate Code: E 2**

## NEAR 1978

*Reported in:* Near, J.P., Rice, R.W. & Hunt, R.G.  
Work and extra-work correlates of life and job satisfaction  

*Population:* Adult, general public, Western New York State, USA, 1975

*Sample:*

*Non-Response:* 384

## Measured Correlate

*Class:* Attitudes to own (un)employment  
Code: E 2.6

*Measurement:*

*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-SLW/c/sq/v/5/d</td>
<td>$R^2=.07$</td>
<td>$p&lt;.01$</td>
</tr>
</tbody>
</table>

*Variance explained in ANOVA.*  
*Most happy: retired and students*  
*Least happy: disabled and ill*
Findings on Happiness & EMPLOYMENT

Study

VERKL 1989

Reported in: Verkley, H. & Stolk, J.
Does happiness lead into idleness?

Population: 30-50 aged, in working force, followed 1 year, urban areas, Netherlands, 1983-84

Sample:

Non-Response: T1-T2 attrition:
27%

N: 1100

Measured Correlate

Class: Attitudes to own (un)employment Code: E 2.6
Measurement: Ss were requested to fill in a list of 26 possible consequences of being on the dole.

a Number of advantages mentioned

b Number of disadvantages mentioned

Measured Values:

Error Estimates:

Remarks: Computed for continuously unemployed Ss only

Observed Relation with Happiness

Happiness Query
A-BB/cm/mq/v/2/a

Statistics

Remarks

r=+.29 p<.001 T1 happiness by T2 attitude
r=+.17 p<.001 T1 attitude by T2 happiness
r=-.45 p<.001 T1 happiness by T2 attitude
r=-.44 p<.001 T1 attitude by T2 happiness
rs=-.16 T1 happiness by T2 attitude controlling T1 attitude
(indicates effect of happiness on change attitude)
rs=-.26 p<.001 T1 attitude by T2 happiness controlling T1 happiness
(indicates effects of attitude on change in happiness)
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Ss were first asked to characterize their worklife into one of four possible patterns:
- I have been primarily homeworker.
- I have pushed a career most of my adult life.
- I have pushed a career except during the period when I was raising a family.
- I have done considerable work needed for income but I would not call it a career.

Ss were next invited to indicate which pattern they would choose now.

Satisfaction is the correspondence between 'As it was' and 'As I now would choose'.

Assessed in 1972

SEARS 1977A

Reported in: Sears, P.S. & Barbee, A.H.

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample:

Non-Response: Attrition in 1972:
25%

N: 1928 N=671:
1972 N=430

Measured Correlate

Class: Attitudes to earlier (un)employment Code: E 2.6.1

Measurement:
Ss were first asked to characterize their worklife into one of four possible patterns;
- I have been primarily homeworker.
- I have pushed a career most of my adult life.
- I have pushed a career except during the period when I was raising a family.
- I have done considerable work needed for income but I would not call it a career.

Ss were next invited to indicate which pattern they would choose now.
Satisfaction is the correspondence between 'As it was' and 'As I now would choose'.

Assessed in 1972

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
C-ASG/h/mq/v/5/a AoV+= p<.00 1972 satisfaction by 1972 happiness.
M-PL/h/sq/v/5/b Chi²+= p<.00

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 228 of 275
Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

Study  CANTR 1965/1  Page in Report: 263

Reported in:  Cantril, H.
The pattern of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

Population:  Adults, general public, 14 countries ±1960

Sample:

Non-Response: -

N: 18,653 (See “Remarks”)

Measured Correlate

Class:  Concern about (un)employment  Code: E 2.6.2

Measurement:  Content analysis of responses on open-ended question on personal wishes and hopes for the future. Responses rated as concerning good job, congenial work, employment, success in one's work, etc.; for oneself, spouse, or other family members.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-BW/c/sq/l/11/a  G=-.01  ns
Findings on Happiness & EMPLOYMENT

**Study**

**CANTR 1965/1**

- **Reported in:** Cantril, H.
  The pattern of human concerns.
  New Brunswick, Rutgers University Press, New Jersey, 1965
- **Population:** Adults, general public, 14 countries ±1960
- **Sample:**
  - **Non-Response:** -
  - **N:** 18,653 (See "Remarks")

**Measured Correlate**

- **Class:** Concern about (un)employment  
  **Code:** E 2.6.2
- **Measurement:** Content analysis of responses on open-ended question on personal worries and fears for the future. Responses rated as concerning poor job, uncongenial work, unemployment, failure in one's work, etc.; for oneself, spouse, or other family members.
- **Measured Values:**
- **Error Estimates:**
- **Remarks:**

**Observed Relation with Happiness**

- **Happiness Query**
  - **Statistics**
  - **Remarks**
- **O-BW/c/sq/l/11/a**
  - **G= -.05**  
  - **ns**
Findings on Happiness & EMPLOYMENT  Correlate Code: E 2

**Study**  
**THOMP 1960**

*Reported in:* Thompson, W.E., Streib, G.F. & Kosa, J.  
The effect of retirement on personal adjustment: a panel analysis.  

*Population:* 60+ aged, employed at start, followed 2 years, USA, 1952-54

*Sample:*

*Non-Response:*

\[N: 1559\]

---

**Measured Correlate**

*Class:* Concern about (un)employment  
*Code:* E 2.6.2

*Measurement:*

Closed question:  
0: no  
1: yes.

*Assessed at T2*

---

**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>M-AO/g/mq/*/0/a</td>
<td>G=-.49</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

Happiness assessed at T1 and T2. Change in happiness expressed in % more and % less happy at T2.  
G' refers to correlation with change to more happiness.

- Still employed at T2: \(G' = .43\) (01)
- Retired between T1 and T2:  
  - positive att. to retirement at T1 \(G' = .38\) (05)  
  - negative att. to retirement at T1 \(G' = .64\) (01)
Findings on Happiness & EMPLOYMENT  

**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 (un)employment  
Code: E 2.6.2

**Measurement:** Single closed question concerning Ss anxiety in the past few weeks of being made redundant again in the future rated on an 11-point scale from 'not at all' to 'a great deal'

**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/n/7/a</td>
<td>r=-.12</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT Correlate Code: E 2

Respondents were asked if they thought effort and ability (internal factors) were always extremely important determinants of getting a job.

Abbey, A.; Dunkel-Schetter, C.; Brickman, P.
Handling the stress of looking for a job in law school

Law school students, Chicago, USA, 198?
Non-probability chunk sample

N: 85

Measured Correlate
Class: Perceived chances for employment Code: E 2.6.3
Measurement: Respondents were asked if they thought effort and ability (internal factors) were always extremely important determinants of getting a job.

Measured Values:

Error Estimates:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/g/sq/n/9/a DM=+ p<.02 Students who felt that effort and ability are necessary to obtain a job were happier than students who did not make this attribution.
Findings on Happiness & EMPLOYMENT

**Response:**
Respondents were asked if they thought luck and circumstances beyond their control were always extremely important determinants of getting a job.

**Measured Correlate**
- **Class:** Perceived chances for employment
  - **Population:** Law school students, Chicago, USA, 198?
  - **Sample:** Non-probability chunk sample
  - **Non-Response:** ?
  - **N:** 85

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

**Happiness Query**
- O-HL/g/sq/n/9/a

**Statistics**
- SNR = ns

**Remarks**

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
Page 234 of 275
<table>
<thead>
<tr>
<th>Study</th>
<th>ABBEY 1983</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Abbey, A.; Dunkel-Schetter, C.; Brickman, P.</td>
</tr>
<tr>
<td>Handling the stress of looking for a job in law school</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Law school students, Chicago, USA, 198?</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td>Non-probability chunk sample</td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>?</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>85</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measured Correlate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Class:</strong></td>
</tr>
<tr>
<td><strong>Measurement:</strong></td>
</tr>
<tr>
<td><strong>Measured Values:</strong></td>
</tr>
<tr>
<td><strong>Error Estimates:</strong></td>
</tr>
<tr>
<td><strong>Remarks:</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Observed Relation with Happiness</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Happiness Query</strong></td>
</tr>
<tr>
<td>O-HL/g/sq/n/9/a</td>
</tr>
</tbody>
</table>
## 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:

<table>
<thead>
<tr>
<th>Non-Response</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>38%</td>
<td>1072</td>
</tr>
</tbody>
</table>

### Measured Correlate

*Class:* Perceived chances for employment  
*Code:* E 2.6.3

*Measurement:* Closed question: "How do you feel about your chance of getting a good job if you went looking for one?"  
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>E²=.37</td>
<td></td>
</tr>
</tbody>
</table>

---

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World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & EMPLOYMENT

Closed question: "How do you feel about your chance of getting a good job if you went looking for one?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

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: Perceived chances for employment  Code: E 2.6.3
Measurement:
Closed question: "How do you feel about your chance of getting a good job if you went looking for one?"
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  r=+.44

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Findings on Happiness & EMPLOYMENT

Reported in: Zentrum fur Umfrageforschung MANheim (ZUMA)

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

Sample: 
Non-Response: ?
N: varies from about 2000 - 2300

Measured Correlate
Class: Perceived chances for employment Code: E 2.6.3
Measurement: Question: 'Would it be easy, difficult or practically impossible for you to find an appropriate job?'
1 easy 2 difficult 3 practically impossible

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/4/b</td>
<td>SNR=</td>
<td>et a</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td></td>
<td>-.18</td>
</tr>
<tr>
<td>1980</td>
<td>.18</td>
<td>-.30</td>
</tr>
<tr>
<td>1984</td>
<td>.12</td>
<td>-.21</td>
</tr>
<tr>
<td>1988</td>
<td>.17</td>
<td>-.23</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>O-SLW/c/sq/n/11/b</th>
<th>SNR=</th>
<th>et a</th>
<th>G</th>
<th>r</th>
<th>ß</th>
</tr>
</thead>
<tbody>
<tr>
<td>1978</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ß's controlled for age, gender, perceived class and marital status.
Findings on Happiness & EMPLOYMENT

Study
ZUMA 1989

Reported in: Zentrum fur Umfrageforschung MAannheim (ZUMA)

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

Sample:

Non-Response: ?

N: varies from about 2000 - 2300

Measured Correlate

Class: Aspirations for employment Code: E 2.6.4

Measurement: Question: ‘Are you planning to find a job within the next three years?’
Coding reversed by us. Signs of correlations reversed accordingly.
1 no
2 yes

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/4/b</td>
<td>SNR=0</td>
<td>et a</td>
</tr>
<tr>
<td>1978</td>
<td>.04</td>
<td>.07</td>
</tr>
<tr>
<td>1980</td>
<td>.04</td>
<td>.20</td>
</tr>
<tr>
<td>1984</td>
<td>.00</td>
<td>.04</td>
</tr>
<tr>
<td>1988</td>
<td>.06</td>
<td>.15</td>
</tr>
</tbody>
</table>

| O-SLW/c/sq/n/11/b | SNR=0     | et a    | G | r | ß |
| 1978            | .06        | .07     | .06 |
| 1980            | .06        | .15     | .06 |
| 1988            |            |         |    |

ß's controlled for age, gender, perceived class and marital status.
## Findings on Happiness & Employment

Correlate Code: E 2

### Study

**SHICH 1984**

**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:**

<table>
<thead>
<tr>
<th>Non-Response:</th>
<th>5.9 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>N:</td>
<td>217</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Satisfaction with current employment status  
Code: E 2.6.5

**Measurement:**

- 0 Small divergence.
- 1 Big divergence.

### 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>SNR= ns</td>
<td>The special structure of the sample - composed mainly of working students - limits the analysis and generalizability of the findings.</td>
</tr>
</tbody>
</table>

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World Database of Happiness: www.eur.nl/fsr/research/happiness  
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### Study

**HALL 1976**

*Reported in:* Hall, J.

*Population:* Adults, general public, Great Britain, 1971-75

*Sample:

<table>
<thead>
<tr>
<th>Non-Response</th>
<th>N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>?</td>
<td>593 in '71, 966 in '73 and 932 in '75</td>
</tr>
</tbody>
</table>

### Measured Correlate

*Class:* satisfaction with being a house-wife Code: E 2.6.5.1

*Measurement:* Direct closed question rated on a 11-point scale, answered by all full-time housewives.

*Measured Values:

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/l/11/a</td>
<td>r=+.34</td>
<td>1971</td>
</tr>
<tr>
<td></td>
<td>r=+.54</td>
<td>1975</td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/l/11/a</td>
<td>r=+.34</td>
<td>1971</td>
</tr>
<tr>
<td></td>
<td>r=+.54</td>
<td>1975</td>
</tr>
</tbody>
</table>
Study | ZUMA 1989
---|---
Population: | 18+ aged, general public, West-Germany, 1978-88
Sample: | 
Non-Response: | ?
N: | varies from about 2000 - 2300

Measured Correlate
Class: | satisfaction with being a house-wife Code: E 2.6.5.1
Measurement: | Question: 'How satisfied are you with your being a housewife?'
0 completely unsatisfied
10 completely satisfied.

Measured Values:

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/b</td>
<td>SNR=</td>
<td>eta</td>
</tr>
<tr>
<td>1978</td>
<td>+.30</td>
<td>+.41</td>
</tr>
<tr>
<td>1980</td>
<td>+.35</td>
<td>+.44</td>
</tr>
<tr>
<td>1984</td>
<td>+.29</td>
<td>+.45</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/11/b</td>
<td>SNR=</td>
<td>eta</td>
</tr>
<tr>
<td>1978</td>
<td>+.48</td>
<td>+.50</td>
</tr>
<tr>
<td>1980</td>
<td>+.50</td>
<td>+.44</td>
</tr>
<tr>
<td>1984</td>
<td>+.37</td>
<td>+.36</td>
</tr>
</tbody>
</table>

\(\beta\)'s controlled for age, gender, perceived class and marital status.

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### Appendix 1

**Queries on Happiness used in reported Studies**

<table>
<thead>
<tr>
<th>Happiness Query Code</th>
<th>Full Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/5/d</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;On the whole, how is your general mood these days....?&quot;</td>
</tr>
<tr>
<td></td>
<td>1  bad almost all the time</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>5  good almost all the time&quot;</td>
</tr>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;Would you say that your spirits most of the time are...?&quot;</td>
</tr>
<tr>
<td></td>
<td>3  very good</td>
</tr>
<tr>
<td></td>
<td>2  fair</td>
</tr>
<tr>
<td></td>
<td>1  low</td>
</tr>
<tr>
<td>A-AOL/g/sq/v/3/d</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;I now mention some experiences, moods. Please tell me how often you feel so .......&quot; happy.&quot; (one of several moods)&quot;</td>
</tr>
<tr>
<td></td>
<td>1  seldom or never</td>
</tr>
<tr>
<td></td>
<td>2  sometimes</td>
</tr>
<tr>
<td></td>
<td>3  often</td>
</tr>
<tr>
<td>In German:</td>
<td>&quot;Ich lese Ihnen einige Empfindungen, Stimmungen vor. Sagen Sie mir bitte jeweils ob Sie sich fühlen ......Glücklich&quot;</td>
</tr>
<tr>
<td></td>
<td>1  selten oder nie</td>
</tr>
<tr>
<td></td>
<td>2  manchmal</td>
</tr>
<tr>
<td></td>
<td>3  oft</td>
</tr>
<tr>
<td>A-AOL/g/sq/v/5/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;In general, how would you say you feel most of the time - in good spirits or in low spirits....?&quot;</td>
</tr>
<tr>
<td></td>
<td>5  very good spirits</td>
</tr>
<tr>
<td></td>
<td>4  fairly good spirits</td>
</tr>
<tr>
<td></td>
<td>3  neither good spirits nor low spirits</td>
</tr>
<tr>
<td></td>
<td>2  fairly low spirits</td>
</tr>
<tr>
<td></td>
<td>1  very low spirits.</td>
</tr>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>Single direct question:</td>
</tr>
<tr>
<td></td>
<td>'How are you feeling now....?'</td>
</tr>
<tr>
<td></td>
<td>5  very good</td>
</tr>
<tr>
<td></td>
<td>4  good</td>
</tr>
<tr>
<td></td>
<td>3  neither good nor poor</td>
</tr>
<tr>
<td></td>
<td>2  poor</td>
</tr>
<tr>
<td></td>
<td>1  very poor</td>
</tr>
<tr>
<td>Original text in Danish:</td>
<td>'Hvordan har du det for tiden?</td>
</tr>
</tbody>
</table>
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

5 meget godt
4 godt
3 hverken godt eller darligt
2 dårligt
1 meget dårligt

A-AOL/mi/sqr/v/5/a Selfreport on single question in diary, filled in 6 times a day during 40 days in a 6 month period.
2 clearly positive
1 rather positive
0 indifferent
-1 rather negative
-2 clearly negative

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
Findings on Happiness & EMPLOYMENT

Possible range: -5 to +5

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

Selfreport on 8 questions:

"During the past week, did you ever feel......?"
A  Particularly interested in or excited about something
B  Pleased about having accomplished something
C  On top of the world
D  Pity for some people you know
E  Helpless, with no control over situations
F  Bored
G  Vaguely uneasy about something without knowing why
H  Angry about something that usually wouldn't bother you

Rating options:
0  never
1  once
2  several times
3  often

Summation: Factorially derived clusters:
A+B+C+D (Enhancement)
E+F+G+H (Discomfort)
Affect Balance Score: Enhancement minus Discomfort.

Possible range: +16 to -16

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

Selfreport on 8 questions:

"In the past few weeks did you ever feel......?"
A  Pleased about having accomplished something
B  Upset because someone criticized you
C  Proud because someone complimented you on something you had done
D  That things are going your way
E  So restless you couldn't sit long in a chair
F  Unhappy or depressed
G  Particularly interested in something
H  Lonely and remote from other people

Response options:
0  not at all
1  sometimes
2  often
3  very often

Scoring: a = 0 ......... d = 3
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

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

Name: Bradburn's Affect Balance Scale (variant)

A-BB/cw/mq/v/4/f
Selfreport on 10 questions:

"We are interested in how people are feeling these days. The following items describe some of the ways people feel at different times. Please indicate how often you felt each way during the last week
A  Pleased about having accomplished something.
B  That things were going my way.
C  Proud because someone complimented me on something I had done.
D  Particularly excited or interested in something I had done.
E  On top of the world.
F  Upset because someone criticized you
G  So restless that you could not sit long in a chair
H  Bored
I  Very lonely or remote from other people
J  Depressed or very unhappy

Answer options:
0  not at all
1  once
2  several times
3 often

Summation:
- Positive Affect Score (PAS): Average A to E
- Negative Affect Score (NAS): Average F to J
- Affect Balance Score (AB): PAS minus NAS
Possible range: -25 to +25

Name : Bradburn's "Affected Balance Scale' (modified version)

A-BC/cm/mq/v/4/a
Selfreport on 13 questions:

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

A. Exited or pleased about something you were doing
B. That important things in life are going your way
C. Happy, satisfied, or pleased with your personal life.
D. Exited or pleased with something you did or a problem you solved
E. That you have a lot of friends you can count on
F. Nervous or tense
G. So restless and irritated you couldn't sit still
H. Down-hearted or depressed
I. Felt concerned or worried about your health
J. Guilty about something you shouldn't have done
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K. Unable to get a good night's sleep
L. That your mind was not working the way it should
M. Miserable or discouraged about your future

Answer options:
1 none of the time
2
3
4 most of the time

Summation:
Positive Affect Scale (PAS): A+B+C+D+E
Negative Affect Scale (NAS): F+G+H+I+J+K+L+M
Affect Balance Scale (ABS): PAS minus NAS
Possible range: -32 to + 20

Name: Bradburn's Affect Balance Scale (variation by Cohen)

Selfreport on 4 questions:

“How do you see yourself.....?”
A 'happy' to 'sad',
B 'elated' to 'depressed',
C 'tensed' to 'relaxed' and
D 'satisfied' to 'dissatisfied'.

Scoring: each item scored on bi-polar 7 step numerical scale.
Summation: scores added; possible range 4-28

Selfreport on 2 questions:

A. "How important was each of the following goals in life in the plans you made for yourself in early adulthood?"
- occupational success
- family life
- friendships
- richness of cultural life
- total service to society.
1 less important to me than to most people
2
3
4
5 of prime importance to me

B. "How successful have you been in the pursuit of these goals?"
1 little satisfaction in this area
2
3
4
5 had excellent fortune in this respect

Computation: General Satisfaction 5 is the quotient obtained by multiplying the planned goal (early adulthood) by the reported success in attaining that goal,
adding the five of these multiplied areas and dividing them by the sum of the planned goals for each of the areas.

\[
\frac{Pa \cdot Sa + Pb \cdot Sb + Pc \cdot Sc + Pd \cdot Sd + Pe \cdot Se}{Pa + Pb + Pc + Pd + Pe}
\]

\(Pa =\) planned goal a (1-5)
\(Sa =\) success goal a (1-5)

Selfreport on single question:

"Up to now, have you been able to satisfy most of your ambitions in life or have you had to settle for less than you had hoped for .....?"

2 able to satisfy ambitions
1 settled for less

Selfreport on 4 questions:

A "For the past five years, how much have you accomplished of what you planned in your life?"
B "How much are you satisfied with your life as a whole these days?"
C "How much do you enjoy your life these days?"
D "How happy have you been for the past five years?"

Summation: simple average

Selfreport on 3 questions:

A "All in all, how much happiness would you say you find in life today......?"
3 a great deal
2 some but not very much
1 almost none

B "In general, how would you say you feel most of the time, in good spirits or in low spirits......?"
1 I am usually in low spirits
2 I am sometimes in good spirits, sometimes in low spirits
3 I am mostly in good spirits

C "On the whole, how satisfied are you with your way of life today.....?"
4 very satisfied
3 fairly satisfied
2 not very satisfied
1 not satisfied at all

Items selected by Guttman scaling.

Selfreport on multiple questions:

Questions indicated both happiness and a sense of contentment and well-being (Full questions not reported)

Summation: not reported

Name: 'Happiness subtest' of Wasburne's 'Social Adjustment Scale'.

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 248 of 275
M-CO/c/sq/n/7a  Selfreport on single question:

"Here are some words and phrases we would like you to use to describe how you feel about your present life....."
1 unsuccessful
2
3
4
5
6
7 successful

Item in: Campbell's Semantic Differential Scale

M-CO/h/sq/v/4a  Selfreport on single question:

"How do you feel things have worked out for you generally?
4 very well
3 fairly well
2 not very well
1 not at all well

M-FH/c/sq/l/11a  Selfreport on single question:

Lead item not reported.
11 the happiest I could be
10
9
8
7
6
5
4
3
2
1 the saddest I could be

M-FH/u/sq/v/5/b  Selfreport on single question:

"Do you feel......?"
4 very happy
3 happy
2 so-so
1 unhappy
0 very unhappy

M-FH/u/sq/v/5/c  Selfreport on single question:

"How do you feel personally, how happy do you feel?"

Rated on a 5-step scale.
(Answer options not reported)

M-PL/h/sq/v/5/b  Selfreport on single question: following enumeration of lifegoals in six areas, the last of which was 'joy in living'
Findings on Happiness & EMPLOYMENT

"How successful have you been in pursuit of that goal...?"
(joy in living)
5 had excellent fortune in this respect
4
3
2
1 found little satisfaction in this area

Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of the ladder (10) represents the best possible life for you and the bottom (1) represents the worst possible life for you. Where on the ladder do you feel personally stand at the present time?

[   9  ] best possible life for you
[   8  ]
[   7  ]
[   6  ]
[   5  ]
[   4  ]
[   3  ]
[   2  ]
[   1  ]
[   0  ] worst possible life for you

Name: Cantril's selfanchoring ladder rating of life (adapted version)

Preceded by 1) open questions about what the respondent imagines as the best possible life and the worst possible life. 2) ratings on the ladder of one's life five years ago and where on the ladder one expects to stand five years from now.

Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of the ladder represents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel personally stand at the present time?"

[  10  ] best possible life
[   9  ]
[   8  ]
[   7  ]
[   6  ]
[   5  ]
[   4  ]
[   3  ]
[   2  ]
[   1  ]
[   0  ] worst possible life

Name: Cantril's selfanchoring ladder rating of life (original)

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)

Selfreport on single question:

"How do you feel about your life as a whole right now.....?"
7 delighted
6 very satisfying
5 satisfying
4 mixed
3 dissatisfying
2 very dissatisfying
1 terrible
No opinion

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

Selfreport on single question:

"How do you feel about your life as a whole.....?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed
3 mostly dissatisfied
2 unhappy
1 terrible

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

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-H/?/?sq/t/7/a Selfreport on single question:

Lead item not reported
Rated on a 7-step pictorial faces scale, presented on a card
(pictures not shown here)
7 smiling face, very happy
6
5
4
3
2
1 frowning face, very unhappy

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/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)

Item in Campbell's semantic differential

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/3/ad Selfreport on single question:

"Taking all things together, how would you say you are these days? Would you say you are.........?"
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

3 very happy
2 pretty happy
1 not too happy

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

"All in all, how much happiness do you find in life today....?"
1 almost none
2 some but not very much
3 a good deal

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

"Considering everything that has happened to you recently, how would you say things are with you - would you say you are.....?"
3 very happy
2 pretty happy
1 not too happy

O-HL/c/sq/v/4/a Selfreport on single question:

"Do you feel your life at present is.....?"
4 very happy
3 quite happy
2 quite unhappy
1 very unhappy

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/4/d Selfreport on single question:

"Do you feel that your life at present is.....?"
4 very happy
3 quite happy
2 unhappy
1 very unhappy

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
Findings on Happiness & EMPLOYMENT

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

O-HL/c/sq/v/7/a Selfreport on single question:

"In general, how happy would you say you are these days......?"
7 extremely happy
6 very happy
5 pretty happy
4 not too happy
3 a bit unhappy
2 pretty unhappy
1 very unhappy

O-HL/g/sq/n/9/a Selfreport on single question:

"Generally, how happy are you.....?"
1 not at all
2
3
4
5
6
7
8
9 completely

(Originally presented on a horizontal line scale)

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/4/a Selfreport on single question:

"Taking all things together, would you say you are.....?"
4 very happy
3 quite happy
2 not very happy
1 not at all happy.

O-HL/u/sq/v/4/b Selfreport on single question:

"On the whole, how happy would you say you are......?"
4 very happy
3 fairly happy
2 not very happy
1 very unhappy

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

"Considering your life as a whole, would you describe it as....:?"
1 very happy
2 unhappy
3 an even mixture of unhappiness and happiness
4 happy
5
6
7 very happy
no opinion

O-HP/g/mq/v/5/a Selfreport on 6 questions:

" Describe the kind of person you are. Please read each sentence, then mark how
often it is true for you"
1 I feel like smiling
2 I generally feel in good spirits
3 I feel happy
4 I am very satisfied with life
5 I find a good deal of happiness in life
6 I feel sad

Response options:
5 almost always true
4 often true
3 sometimes true
2 seldom true
1 never true

Summation: average
Possible range: 1 to 5

O-HP/u/sq/v/5/a Selfreport on single question

"To what extend do you consider yourself a happy person....:?"
5 very happy
4 happy
3 neither happy nor unhappy
2 not very happy
1 unhappy

In Dutch:
"In welke mate vindt u zichzelf een gelukkig mens   ?"
5 erg gelukkig
4 gelukkig
3 niet gelukkig, niet ongelukkig

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & EMPLOYMENT

Code: E 2

2 niet zo gelukkig
1 ongelukkig
- weigert
- weet niet

O-QL?/c/mq/v/5/a

Selfreport on 3 questions:

A  " When you consider your present life as-a-whole, would you say you are....?"
5 very happy
4 fairly happy
3 rather happy than unhappy
2 rather unhappy than happy
1 very unhappy
- DK/NA

B  " When you consider your present life as-a-whole, would you say you are.....?"
5 very satisfied
4 fairly satisfied
3 rather satisfied than dissatisfied
2 rather dissatisfied than satisfied
1 fairly dissatisfied
- DK/NA

C   " How do you feel right now? Is your well-being.....?"
5 very high
4 high
3 moderate
2 rather low
1 very low
- DK/NA

Summation: The summed scores were divided in three strata: low, medium and high quality of life

In German:

A  "Wenn Sie ihr Leben jetzt alles in allem betrachten, sind Sie......?"
e sehr glücklich
d ziemlich glücklich
c eher glücklich
b eher unglucklich
a ziemlich unglücklich
- keine Angabe

B  "Wenn Sie ihr Leben jetzt in allem betrachten, sind Sie.....?"
e sehr zufrieden
d ziemlich zufrieden
c eher zufrieden
b eher unzufrieden
a ziemlich unzufrieden
- keine Angabe

C   "Wie wohl fühlen Sie sich derzeit? Ist Ihr Wohlbefinden.....?"
Findings on Happiness & EMPLOYMENT

Selfreport on single question:

"....... current quality of life"
(full lead items not reported)
1
2
3
4
5
6
(response options not reported)

Ss were asked to rate themselves on an 1 - 10 rating ladder in terms of their self-perceived life satisfaction.
(Full question not reported).
[10] +
[ 9]
[ 8]
[ 7]
[ 6]
[ 5]
[ 4]
[ 3]
[ 2]
[ 1] --
(labels of scale extremes not reported)

Selfreport on single question:

".....satisfaction with present life....."
(Full lead item not reported)
1
2
3
(Response options not reported)

"How satisfied are you with the way you are getting on now...?"
3 very satisfied
2 all right
1 dissatisfied
- don't know

Selfreport on single question:
"How satisfying do you find the life you currently lead...?"
1 very satisfied
2 rather satisfied
3 satisfied
4 very satisfied
5 extremely satisfied

In Dutch:
"In hoeverre bent u tevreden met het leven dat u leidt...?"

a niet zo tevreden
b tamelijk tevreden
c tevreden
d zeer tevreden
e buitengewoon tevreden

O-SLL/g/sq/v/3/a Selfreport on single question:

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

O-SLL/g/sq/v/4/a Selfreport on single question:

"In general, how satisfied are you with your way of life...?"
4 quite satisfied
3 fairly satisfied
2 sometimes dissatisfied
1 usually dissatisfied

O-SLS/c/sq/f/7/a Selfreport on single question:

"When you're not only thinking of your job, but of your total present situation (house, prices, health, love, politics, neighbours, etc.), how satisfied are you with your life as-a-whole? Please mark the appropriate face below."

Rated on pictorial scale, consisting of seven smilies, expressing variations from very dissatisfied (a) to very satisfied (g) (Kunin’s ‘Faces scale’). Pictures not reproduced here).
1 unhappy face
.
.
4 neutral face
.
.
7 happy face

In German:
"Wenn Sie nun nicht nur die Arbeit betrachten, sondern Ihre gesamte derzeitige Situation berücksichtigen (Wohnung, Preise, Gesundheit, Liebe, Politik, Nachbarn usw.), wie zufrieden sind Sie dann insgesamt mit Ihrem Leben? Streichen Sie bitte das zutreffende Gesicht an."
Findings on Happiness & EMPLOYMENT

Item in the "Arbeitsbeschreibungsbogen" (job-description questionaire).

O-SLu/?/sq/l/5/a  Selfreport on single question:

"..... satisfaction with life ......"
(full lead item not reported)

Rated on a wooden miniature ladder, handed to the respondent
[ 5 ] very satisfied
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] very dissatisfied

O-SLu/c/sq/v/3/b  Selfreport on single question:

"In general, how satisfying do you find your life these days? Would you call it....?."
3 completely satisfying
2 pretty satisfying
1 not satisfying

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
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/g/sq/v/5/a  Selfreport on single question:

"In general, how satisfied are you with your life.....?"
5 very satisfied
Findings on Happiness & EMPLOYMENT

Correlate Code: E 2

4 satisfied
3 average
2 somewhat dissatisfied
1 very dissatisfied

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.

O-SLW/?/sq/v/3/b Selfreport on single question:

".....satisfaction with overall life....."
(Full questions not reported)
3 very satisfied
2 fairly satisfied
1 not satisfied
- NA

O-SLW/?/sq/v/4/a Selfreport on single question:

"......satisfaction with life-as-a-whole......"
(Full question not reported.)
1 very dissatisfied
2 somewhat dissatisfied
3 very satisfied
4 extremely satisfied

O-SLW/c/sq/l/11/a Selfrating on single question:

"All things considered, how satisfied or dissatisfied are you overall with your life as a whole these days?"

Rated on ladder scale
[ 10 ] completely satisfied
[    ]
[    ]
[    ]
[    ]
[    ]
[    ]
[    ]
[    ]
[    ]
[    ]
[  0  ] completely dissatisfied

O-SLW/c/sq/n/10/aa Selfreport on single question:

"All things considered, how satisfied are you with your life as-a-whole now.....?"
1 dissatisfied
2
3
4
Findings on Happiness & EMPLOYMENT  

O-SLW/c/sq/n/11/b 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

Originall 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."

O-SLW/c/sq/n/7/a 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

O-SLW/c/sq/v/5/d Selfreport on single question:

"Taking everything into consideration, how satisfied are you with life in general at the present time? Would you say you are.....?"

5 extremely satisfied
4 very satisfied
3 fairly satisfied
2  slightly satisfied  
1  not satisfied  

Selfreport on single question, asked twice during the interview:

"Are you at this moment satisfied or dissatisfied with life in general......?"

7  very satisfied
6  for the greater part satisfied
5  rather more satisfied than dissatisfied
4  neither satisfied nor dissatisfied
3  somewhat more dissatisfied than satisfied
2  for the greater part dissatisfied
1  very dissatisfied
-  Do not know, difficult to say

In Swedish:
"Ar du pa det hela taget nojd eller missnojd met livet i des helnet just nu?"

Selfreport on single question:

"How do you feel about your life as a whole?"
Rated on a seven step quality of life ladder was marked with a smiling face and marked "GOOD'. The bottom marked with a frowning face and the word 'BAD'

[ 7 ] Good, picture of smiling face
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] Bad, picture of frowning face  
(Pictures not reproduced here)

Selfreport on single question:

"All things considered, how satisfied or dissatisfied are you with your life as a whole?"
10  completely satisfied
9
8
7
6
5
4
3
2
1
0  completely dissatisfied

Selfreport on single question:

"How satisfying are these different aspects of your life? Indicate the number which best suits your situation. Life as a whole is....."
1  very dissatisfying
2  dissatisfying
3  rather dissatisfying
Findings on Happiness & EMPLOYMENT

This item was followed by eight questions on life domain satisfactions.

**O-SLW/u/sq/v/7/a**
Selfreport on single question:

"Considering everything, how satisfied are you with your life as whole.....?"
7 completely satisfied
6 satisfied
5 mostly satisfied
4 satisfied/dissatisfied
3 dissatisfied
2 very dissatisfied
1 completely dissatisfied

**O-SLW/u/sq/v/7/a**
Selfreport on single question, asked twice in interview:

"Considering everything, how satisfied are you with your life as a whole........?"
7 completely satisfied
6
5
4
3
2
1 completely dissatisfied

Summation: both scores added
Possible range: 2 to 14

**O-SQL/c/sq/?/5/a**
Selfreport on single question:

".....satisfaction with current quality of life ....." (Full question not reported.)
1
2
3
4
+
(Response options: not reported)

**O-Sum/u/mq/*/0/b**
Selfreport in 2 questions:

A. "How satisfied are you with your life as a whole these days?"
10 completely satisfied
9
8
7
6
5
4
3
2
1
0  not at all satisfied

B. "Where would you place your life as a whole?"
Rated on a thermometer scale.
100  perfect, as good as you can imagine it being
90
80
70
60
50
40
30
20
10
0  terrible, as bad as you can imagine it being

Summation: factor loading

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>
<tbody>
<tr>
<td>AoV</td>
<td>ANALYSIS of VARIANCE (ANOVA)</td>
</tr>
<tr>
<td></td>
<td>Type: statistical procedure</td>
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<tr>
<td></td>
<td>Measurement level: Correlate(s): nominal, Happiness: metric.</td>
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<tr>
<td></td>
<td>In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to Ne -1 for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value.</td>
</tr>
<tr>
<td></td>
<td>NOTE: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN's MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS)</td>
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<tr>
<td>B</td>
<td>REGRESSION COEFFICIENT (non-standardized)</td>
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<tr>
<td></td>
<td>Measurement level: Correlate: metric, Happiness: metric</td>
</tr>
<tr>
<td></td>
<td>Theoretical range: unlimited</td>
</tr>
<tr>
<td></td>
<td>Meaning:</td>
</tr>
<tr>
<td></td>
<td>( \beta &gt; 0 ) « a higher correlate level corresponds with, on an average, higher happiness rating.</td>
</tr>
<tr>
<td></td>
<td>( \beta &lt; 0 ) « a higher correlate level corresponds with, on an average, lower happiness rating.</td>
</tr>
<tr>
<td></td>
<td>( \beta = 0 ) « no correlation.</td>
</tr>
<tr>
<td></td>
<td>( \beta = \pm 1 ) « perfect correlation.</td>
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<tr>
<td>Beta</td>
<td>(8) STANDARDIZED REGRESSION COEFFICIENT</td>
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<td>Type: test statistic.</td>
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<td>Measurement level: Correlates: all metric, Happinessl: metric.</td>
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<tr>
<td></td>
<td>Range: ([-1 ; +1]]</td>
</tr>
<tr>
<td></td>
<td>Meaning:</td>
</tr>
<tr>
<td></td>
<td>( \beta &gt; 0 ) « a higher correlate level corresponds with, on an average, higher happiness rating.</td>
</tr>
<tr>
<td></td>
<td>( \beta &lt; 0 ) « a higher correlate level corresponds with, on an average, lower happiness rating.</td>
</tr>
<tr>
<td></td>
<td>( \beta = 0 ) « no correlation.</td>
</tr>
<tr>
<td></td>
<td>( \beta = \pm 1 ) « perfect correlation.</td>
</tr>
<tr>
<td>C</td>
<td>Pearson's CONTINGENCY COEFFICIENT</td>
</tr>
<tr>
<td></td>
<td>Type: test statistic</td>
</tr>
<tr>
<td></td>
<td>Measurement level: Correlate: nominal, Happinessl: ordinal</td>
</tr>
<tr>
<td></td>
<td>Range: ([0; \sqrt{1 - 1/s}]), where s = the lesser of c and r, the number of columns and rows respectively.</td>
</tr>
</tbody>
</table>
Findings on Happiness & Employment Correlate Code: E 2

Chi²

CHI-SQUARE
Type: test statistic
Range: \[0; Ne*(\min(c,r)-1)\], where \(c\) and \(r\) are the number of columns and rows respectively in a cross tabulation of \(Ne\) sample elements.

Meaning:
Chi² ≤ (c-1) * (r-1) means: no association
Chi² >> (c-1) * (r-1) means: strong association

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.

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.

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.  
$E^2 = 0 \iff$ knowledge of the correlate value does not improve the prediction quality of the happiness rating.  
$E^2 = 1 \iff$ knowledge of the correlate value enables an exact prediction of the happiness rating.

G
GOODMAN & Kruskal's GAMMA
Type: test statistic  
Measurement level: Correlate: ordinal, Happiness: ordinal  
Range: [-1; +1]  
Meaning:  
$G = 0 \iff$ no rank correlation  
$G = +1 \iff$ strongest possible rank correlation, where high correlate values correspond with high happiness ratings.  
$G = -1 \iff$ strongest possible rank correlation, where high correlate values correspond with low happiness ratings.

r
PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')
Type: test statistic  
Measurement level: Correlate: metric, Happiness: metric  
Range: [-1; +1]  
Meaning:  
$r = 0 \iff$ no correlation,  
$r = 1 \iff$ perfect correlation, where high correlate values correspond with high happiness values, and  
$r = -1 \iff$ perfect correlation, where high correlate values correspond with low happiness values.

R²
COEFFICIENT of DETERMINATION
Type: test statistic  
Measurement level: Correlate: all metric, Happiness: metric  
Range: [0; 1]  
Meaning:  
$R^2 = 0 \iff$ no influence of any correlate in this study has been established.  
$R^2 = 1 \iff$ the correlates determine the happiness completely.

rpc
PARTIAL CORRELATION COEFFICIENT
Type: test statistic  
Measurement level: Correlate: metric, Happiness: metric  
Range: [-1; +1]  
Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores. Under that conditions  
$rpc > 0 \iff$ a higher correlate level corresponds with a higher happiness rating;  
$rpc < 0 \iff$ a higher correlate level corresponds with a lower happiness rating.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
<th>Measurement Level</th>
<th>Range</th>
<th>Meaning</th>
</tr>
</thead>
</table>
| rs   | SPEARMAN'S RANK CORRELATION COEFFICIENT | test statistic | Correlate: ordinal, Happiness: ordinal | [-1; +1] | rs = 0 « no rank correlation  
rs = 1 « perfect rank correlation, where high correlate values are associated with high happiness ratings  
rs =-1 « perfect rank correlation, where high correlate values are associated with low happiness ratings |
| SNR  | Statistic Not Reported | | | | |
| tau  | GOODMAN & Kruskal's TAU | descriptive statistic only | Correlate: nominal, Happiness: ordinal | [0; +1] | tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.  
tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating. |
| tb   | KENDALL'S RANK CORRELATION COEFFICIENT TAU-B | test statistic | Correlate: ordinal, Happiness: ordinal | [-1; +1] | tb = 0 « no rank correlation  
tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.  
tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings. |
| tc   | KENDALL'S TAU-C (Also referred to as Stuart's tau-c) | test statistic | Correlate: ordinal, Happiness: ordinal | [-1; +1] | tc = 0 « no rank correlation  
tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.  
tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings. |
| V    | CRAMéR's V | test statistic | Correlate: nominal, Happiness: ordinal | [0; 1] | V = 0 « no association |
V = 1 « strongest possible association

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
  - 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)

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>
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<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>
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<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>
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<tr>
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<td>AGE</td>
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<td>A 6</td>
<td>ANOMY</td>
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<td>A 7</td>
<td>APPEARANCE (good looks)</td>
<td>8</td>
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<tr>
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<td>ATTITUDES</td>
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<td>AUTHORITARIANISM</td>
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<td>CREATIVENESS</td>
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<td>CULTURE (Arts and Sciences)</td>
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<td>CHILDREN: WANT FOR (Parental aspirations)</td>
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<td>CHILDREN: HAVING (parental status)</td>
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<td>CHILDREN's CHARACTERISTICS</td>
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## Appendix 5  Related Topics

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End of Report