Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

<table>
<thead>
<tr>
<th>Correlate Code</th>
<th>Correlate Name</th>
<th>Number of Studies on this Subject</th>
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<tbody>
<tr>
<td>N 6</td>
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<tr>
<td>N 6.1</td>
<td>Attitudinal career</td>
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<tr>
<td>N 6.1.1</td>
<td>Earlier attitudes to one's nation</td>
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<td>Change in attitudes to one's nation</td>
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<td>N 6.1.4</td>
<td>Later attitudes to one's nation</td>
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<td>N 6.2</td>
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<td>Perceived earlier situation of one's nation</td>
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<tr>
<td>N 6.2.2</td>
<td>Evaluation of current situation of one's nation</td>
<td>18</td>
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<tr>
<td>N 6.2.3</td>
<td>Expected improvement/deterioration of one's nation</td>
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<tr>
<td>N 6.2.4</td>
<td>Hopes for the country</td>
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<td>N 6.2.5</td>
<td>Worries about the country</td>
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<tr>
<td>N 6.3</td>
<td>Current satisfaction with one's nation</td>
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<tr>
<td>N 6.3.1</td>
<td>Satisfaction with life in the country in general</td>
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<tr>
<td>N 6.3.2</td>
<td>Satisfaction with compatriots</td>
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<tr>
<td>N 6.3.3</td>
<td>Satisfaction with fair treatment</td>
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<tr>
<td>N 6.3.4</td>
<td>Satisfaction with moral climate</td>
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<tr>
<td>N 6.3.5</td>
<td>Satisfaction with respect for rights</td>
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<td>N 6.4</td>
<td>Attitudes to the state</td>
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<td>N 6.5</td>
<td>Attitudes to socio-economic condition of the nation</td>
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<tr>
<td>N 6.5.1</td>
<td>Satisfaction with economic development</td>
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<td>Satisfaction with costs of living</td>
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<td>N 6.5.3</td>
<td>Satisfaction with taxes</td>
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<td>N 6.6</td>
<td>Attitudes to social relations in the nation</td>
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<tr>
<td>N 6.6.1</td>
<td>Attitudes to ethnic relations</td>
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<td>Attitudes to labor relations</td>
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<td>N 6.6.3</td>
<td>Attitudes to social inequality</td>
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<td>N 6.7</td>
<td>Attitudes to position of the nation</td>
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<td>N 6.8</td>
<td>Attitudes to culture in the nation</td>
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<td>N 6.8.1</td>
<td>Satisfaction with supply of mass-media</td>
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<tr>
<td>N 6.9</td>
<td>Identification with one's country</td>
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<td>N 6.9.1</td>
<td>Willingness to emigrate</td>
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<tr>
<td>N 6.9.2</td>
<td>Willingness to fight for country</td>
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</tr>
<tr>
<td>N 6.9.6</td>
<td>Satisfaction with media</td>
<td>6</td>
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</table>

Appendix 1: Happiness queries used
Appendix 2: Statistics used
Study

**VENTE 1997**

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

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

*Sample:* Non-probability chunk sample

*Non-Response:* 36%

*N:* 4626

---

**Measured Correlate**

*Class:* Earlier attitudes to one's nation  Code: N 6.1.1

*Measurement:* (a) number of pertussis vaccinations in the child's first year
   - a1: not done
   - a2: 1 injection
   - a3: 2 injections
   - a4: 3 injections
   - a5: 4 injections
   - a6: 5 or more injections
(b) pertussis vaccination, manner of administration, first year
   - b1: interval under 2 months
   - b2: interval over 2 months
   - b3: triple vaccination
   - b4: series less than 14 days

*Measured Values:* N a all: 3832, %: a1: 24.9, a2: 6.2, a3: 8.0, a4: 56.1, a5: 3.0, a6: 1.7
N b all: 2561, %: b1: 50.5, b2: 2.5, b3: 0.3, b4: 5.4

*Error Estimates:*  

*Remarks:* 

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/m/sq/v/5/a | r = +.02 ns | a1: Mt = 7.69  
|                 |            | a2: Mt = 7.64  
|                 |            | a3: Mt = 7.59  
|                 |            | a4: Mt = 7.84  
|                 |            | a5: Mt = 7.54  
|                 |            | a6: Mt = 7.73  
|                 |            | b1: Mt = 7.79  
|                 |            | b2: Mt = 7.85  
|                 |            | b3: Mt = 6.93  
|                 |            | b4: Mt = 7.75  |
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

<table>
<thead>
<tr>
<th></th>
<th>a1</th>
<th>a2</th>
<th>a3</th>
<th>a4</th>
<th>a5</th>
<th>a6</th>
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<tbody>
<tr>
<td>O-HL</td>
<td>Mt=6.96</td>
<td>Mt=7.09</td>
<td>Mt=6.81</td>
<td>Mt=7.06</td>
<td>Mt=7.18</td>
<td>Mt=7.09</td>
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<tr>
<td></td>
<td>b1: Mt=7.01</td>
<td>b2: Mt=7.25</td>
<td>b3: Mt=6.73</td>
<td>b4: Mt=7.10</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>a1</th>
<th>a2</th>
<th>a3</th>
<th>a4</th>
<th>a5</th>
<th>a6</th>
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</thead>
<tbody>
<tr>
<td>O-SLu</td>
<td>Mt=7.41</td>
<td>Mt=7.60</td>
<td>Mt=7.19</td>
<td>Mt=7.44</td>
<td>Mt=7.48</td>
<td>Mt=7.31</td>
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<tr>
<td></td>
<td>b1: Mt=7.41</td>
<td>b2: Mt=7.55</td>
<td>b3: Mt=6.73</td>
<td>b4: Mt=7.40</td>
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Findings on Happiness & ATTITUDES TO THE NATION

**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:* Current attitudes to one's nation  Code: N 6.2

*Measurement:* Content analysis of responses on open-ended question on fears and worries for the future of one's country. Responses indicating no fears or worries for the country.

*Measured Values:* -

*Error Estimates:* -

*Remarks:* -

---

**Observed Relation with Happiness**

*Happiness Query*  
O-BW/c/sq/l/11/a

*Statistics*  
G=-.02  
ns

---

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World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 5 of 145
Findings on Happiness & ATTITUDES TO THE NATION

<table>
<thead>
<tr>
<th>Study</th>
<th>CANTR 1965/1</th>
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**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:** Current attitudes to one's nation  
**Code:** N 6.2

**Measurement:** Content analysis of responses on open-ended question on wishes and hopes for the future of one's country. Responses indicative of contentment with things as they are.

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=+.75</td>
<td>p&lt;.01</td>
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</tbody>
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World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & ATTITUDES TO THE NATION
Correlate Code: N 6

Study

VENTE 1995

Reported in: Ventegodt, S.
Livskvalitet i Danmark.(Quality of Life in Denmark)
Forskningsscentrets 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 attitudes to one's nation Code: N 6.2
Measurement: Single question:
"How are your current relations with society at large?"
1: very bad
2: bad
3: neither/nor
4: good
5: very good

Measured Values: N: all:1363, 1:15, 2:69, 3:392, 4:716, 5:171

Error Estimates:

Remarks:

Observed Relation with Happiness

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<thead>
<tr>
<th>Happiness Query</th>
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<th>Remarks</th>
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<td>r=+.31</td>
<td>p&lt;.00</td>
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<tr>
<td>1: Mt = 6.66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2: Mt = 6.34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3: Mt = 7.14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4: Mt = 8.08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5: Mt = 8.81</td>
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<tr>
<td>All Mt = 7.80</td>
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<td>O-HL/c/sq/v/5/h</td>
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<td>2: Mt = 5.84</td>
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<td>3: Mt = 6.39</td>
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<td>4: Mt = 7.21</td>
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<td>5: Mt = 7.95</td>
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<td>O-SLu/c/sq/v/5/e</td>
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<td>p&lt;.00</td>
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<td>1: Mt = 6.00</td>
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<tr>
<td>2: Mt = 5.90</td>
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<tr>
<td>3: Mt = 6.71</td>
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<td>4: Mt = 7.75</td>
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<td>5: Mt = 8.59</td>
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<tr>
<td>All Mt = 7.45</td>
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Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness
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 attitudes to one's nation Code: N 6.2

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

Measured Values: N: All:4392; %:1 2.5; 2:7.1; 3:38.1; 4:44.3 5:8.1

Observed Relation with Happiness

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<th>Happiness Query</th>
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<td>O-HL/c/sq/v5/h</td>
<td>r = +.32 p &lt; .00</td>
<td>1: Mt = 5.60 2: Mt = 5.98 3: Mt = 6.55 4: Mt = 7.45 5: Mt = 8.35</td>
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<td>O-SLu/c/sq/v5/e</td>
<td>r = +.34 p &lt; .00</td>
<td>1: Mt = 5.46 2: Mt = 6.10 3: Mt = 6.93 4: Mt = 7.95 5: Mt = 8.76</td>
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Study VENTE 1996  Page in Report:  382

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 attitudes to one's nation  Code: N 6.2

Measurement: Single question: 
" How satisfied are you at present with society at large ?'
1: very bad
2: bad
3: neither/nor
4: good
5: very good

Measured Values: N: All:4599; %.1:4,4; 2:17,2; 3:35,9; 4:37,3; 5:5,1

Error Estimates:

Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
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<th>Remarks</th>
</tr>
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| A-AOL/m/sq/v/5/a | r=.25 p<.00 | 1: Mt = 6.65  
2: Mt = 7.15  
3: Mt = 7.48  
4: Mt = 8.24  
5: Mt = 8.86 |
| O-HL/c/sq/v/5/h | r=.26 p<.00 | 1: Mt = 5.94  
2: Mt = 6.50  
3: Mt = 6.70  
4: Mt = 7.50  
5: Mt = 8.36 |
| O-SLu/c/sq/v/5/e | r=.28 p<.00 | 1: Mt = 6.04  
2: Mt = 6.75  
3: Mt = 7.13  
4: Mt = 7.98  
5: Mt = 8.86 |
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

**Study**  
**BORTN 1970**  
*Reported in:* Bortner, R.W. & Hultsch, D.F.  
A multivariate analysis of correlates of life satisfaction in adulthood  
*Population:* 21+ aged, general public, USA 1959  
*Sample:*  
*Non-Response:* 9%  
*N:* 1406  

**Measured Correlate**  
*Class:* Perceived earlier situation of one's nation  
*Code:* N 6.2.1  
*Measurement:* Closed question on 'where did the United States stand 5 years ago', rated on an 11 point self-anchoring scale (Cantril ladder: see CANTR 1965).  

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

**Observed Relation with Happiness**  
*Happiness Query*  
*Statistics*  
*Remarks*  
C-RG/h/sq/l/11/a  
r=+.12  
O-BW/c/sq/l/11/a  
r=+.09  
O-SLu/c/sq/l/11/a  
r=+.13  

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fs/research/happiness
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study: BORTN 1970

Reported in: Bortner, R.W. & Hultsch, D.F.
A multivariate analysis of correlates of life satisfaction in adulthood

Population: 21+ aged, general public, USA 1959

Sample:

Non-Response: 9%

N: 1406

Measured Correlate

Class: Evaluation of current situation of one's nation  Code: N 6.2.2

Measurement: Closed question rated on an 11-point self-anchoring scale (Cantril ladder; see CANTR, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
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<td>O-SLu/c/sq/l/11/a</td>
<td>r=+.18</td>
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### 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:* Evaluation of current situation of one's nation  
*Code:* N 6.2.2

*Measurement:* Closed question rated on an 11-point self-anchoring scale:
"Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?"

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
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<td>O-BW/c/sq/l/11/a</td>
<td>r=+.55</td>
<td>p&lt;.05</td>
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*Stronger in countries were political changes took place recently (p. 223).*
Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

<table>
<thead>
<tr>
<th>Study</th>
<th>CANTR 1965/2</th>
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| Reported in: | Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press, New Jersey, 1965 |
| Population: | 21+ aged, general public, USA, 1959 |
| Sample: | |
| Non-Response: | - |
| N: | 1549 |

<table>
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<th>Measured Correlate</th>
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</table>
| Class: | Evaluation of current situation of one's nation  
Code: N 6.2.2 |
| Measurement: | Closed question rated on an 11-point self-anchoring scale:  
"Suppose your greatest hopes for (name of country) are at the top,  
your worst fears at the bottom. Where would you put (name of  
country) on the ladder at the present time?" |
| Measured Values: | |
| Error Estimates: | |
| Remarks: | |

<table>
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<tr>
<th>Observed Relation with Happiness</th>
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</thead>
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<tr>
<td>Happiness Query</td>
</tr>
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</table>

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

**CANTR 1965/3**

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

**Population:** 18+ aged, general public, Brazil, 1960-61

**Sample:**

**Non-Response:** -

N: 2168

### Measured Correlate

**Class:** Evaluation of current situation of one's nation  
Code: N 6.2.2

**Measurement:**
Closed question rated on an 11-point self-anchoring scale:
"Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?"

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

**Study**

**CANTR 1965/4**

*Reported in:* Cantril, H.
The pattern of human concerns.
New Brunswick, Rutgers University Press

*Population:* 20+ aged, general public, urban areas, Cuba, 1960

*Sample:*

*Non-Response:* -

*N:* 992

---

**Measured Correlate**

*Class:* Evaluation of current situation of one's nation

*Measurement:* Closed question rated on an 11-point self-anchoring scale:
"Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present 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/c/sq/l/11/a</td>
<td>r=+.38</td>
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Findings on Happiness & ATTITUDES TO THE NATION

<table>
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<tr>
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<th>CANTR 1965/5</th>
<th>Page in Report: 233</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population:</td>
<td>21+ aged, general public, Dominican Republic, 1962</td>
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</tr>
<tr>
<td>Sample:</td>
<td>Probability sample (unspecified)</td>
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<tr>
<td>Non-Response:</td>
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<td>N:</td>
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Measured Correlate

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</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>N 6.2.2</td>
</tr>
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</table>

Measurement:

Closed question rated on an 11-point self-anchoring scale:

"Suppose your greatest hopes for [name of country] are at the top, your worst fears at the bottom. Where would you put [name of country] on the ladder at the present time?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
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<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
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Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

<table>
<thead>
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<tbody>
<tr>
<td>Reported in</td>
<td>Cantril, H.</td>
</tr>
<tr>
<td>Population</td>
<td>15+ aged, general public, Egypt, 1960</td>
</tr>
<tr>
<td>Sample</td>
<td>-</td>
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<td>Non-Response</td>
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**Measured Correlate**

<table>
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<th>Evaluation of current situation of one's nation</th>
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<tbody>
<tr>
<td>Measurement</td>
<td>Closed question rated on an 11-point self-anchoring scale:</td>
</tr>
<tr>
<td></td>
<td>&quot;Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?&quot;</td>
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**Observed Relation with Happiness**

<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>
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Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

<table>
<thead>
<tr>
<th>Study</th>
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<td>Cantril, H.</td>
</tr>
<tr>
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<td>The pattern of human concerns.</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
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<tr>
<td><strong>Sample:</strong></td>
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<td><strong>N:</strong></td>
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</tbody>
</table>

**Measured Correlate**

- **Class:** Evaluation of current situation of one’s nation  
  Code: N 6.2.2
- **Measurement:** Closed question rated on an 11-point self-anchoring scale:
  "Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?"
- **Measured Values:**
- **Error Estimates:**
- **Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
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### Study

**CANTR 1965/8**

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

*Population:* Adults, general public, Israel, 1961-62

*Sample:*  

*Non-Response:* - 

*N:* 1170

### Measured Correlate

*Class:* Evaluation of current situation of one's nation  
*Code:* N 6.2.2

*Measurement:* Closed question rated on an 11-point self-anchoring scale:  
"Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?"

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

### Observed Relation with Happiness

**Happiness Query** | **Statistics** | **Remarks**
---|---|---
O-BW/c/sq/l/11/a | r=+.12 |  

---

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

Correlate Code: N 6

Study

CANTR 1965/9

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

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

Sample:

Non-Response:
-

N:
972

Measured Correlate

Class:
Evaluation of current situation of one's nation Code: N 6.2.2

Measurement:
Closed question rated on an 11-point self-anchoring scale:
"Suppose your greatest hopes for (name of country) are at the top,
your worst fears at the bottom. Where would you put (name of
country) on the ladder at the present time?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/c/sq/l/11/a	$r=+.31$

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

Correlate Code: N 6

**Study**

**CANTR1965/10**

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

*Measurement:*
Closed question rated on an 11-point self-anchoring scale:
"Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?"

*Population:*
21+ aged, general public, Nigeria, 1962-63

*Sample:*

*Non-Response:*
-

*N:*
1200

**Measured Correlate**

*Class:*
Evaluation of current situation of one's nation  Code: N 6.2.2

*Measurement:*
Closed question rated on an 11-point self-anchoring scale:
"Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?"

**Observed Relation with Happiness**

*Happiness Query*  
O-BW/c/sq/l/11/a

*Statistics*  
r=+.40

*Remarks:*

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 21 of 145
### Study

**CANTR1965/11**

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

*Population:* 21+ aged, general public, Panama, 1962

*Sample:* -

*N:* 642

#### Measured Correlate

*Class:* Evaluation of current situation of one's nation  
*Code:* N 6.2.2

*Measurement:* Closed question rated on an 11-point self-anchoring scale:  
"Suppose your greatest hopes for (name of country) are at the top,  
your worst fears at the bottom. Where would you put (name of  
country) on the ladder at the present time?"

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

#### Observed Relation with Happiness

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</table>
Findings on Happiness & ATTITUDES TO THE NATION
Correlate Code: N 6

Study CANTR1965/12

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

Population: 21+ aged, general public, Philippines, 1959

Sample: -

Non-Response: -

N: 500

Measured Correlate

Class: Evaluation of current situation of one's nation Code: N 6.2.2

Measurement: Closed question rated on an 11-point self-anchoring scale:
"Suppose your greatest hopes for (name of country) are at the top,
your worst fears at the bottom. Where would you put (name of
country) on the ladder at the present time?"

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-BW/c/sq/l/11/a r=.13

Remarks:
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study CANTR1965/14

- Reported in: Cantril, H.
  The pattern of human concerns.
  New Brunswick, Rutgers University Press, New Jersey, 1965
- Population: Adults, general public, West-Germany, 1957
- Sample:
- Non-Response: -
- N: 480

Measured Correlate

- Class: Evaluation of current situation of one's nation Code: N 6.2.2
- Measurement: Closed question rated on an 11-point self-anchoring scale:
  "Suppose your greatest hopes for (name of country) are at the top,
  your worst fears at the bottom. Where would you put (name of
  country) on the ladder at the present time?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-BW/c/sq/l/11/a r=+.30

### 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:** Evaluation of current situation of one's nation  
Code: N 6.2.2  
**Measurement:** Closed question rated on an 11-point self-anchoring scale:  
"Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?"

### Observed Relation with Happiness

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<td></td>
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<tr>
<td>The pattern of human concerns.</td>
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<tr>
<td>New Brunswick, Rutgers University Press, New Jersey, 1965</td>
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<td>Population:</td>
<td>Adults, living in Kibutz, Israel, 1962</td>
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<td>Non-Response:</td>
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<td>N:</td>
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**Measured Correlate**

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<tr>
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<td>N 6.2.2</td>
</tr>
<tr>
<td>Measurement:</td>
<td>Closed question rated on an 11-point self-anchoring scale:</td>
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<tr>
<td>'Suppose your greatest hopes for (name of country) are at the top, your worst fears at the bottom. Where would you put (name of country) on the ladder at the present time?'</td>
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<tr>
<td>Measured Values:</td>
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<td>Error Estimates:</td>
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<td>Remarks:</td>
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**Observed Relation with Happiness**

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</table>
Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

---

**Study**  
**LEVY 1975/2**

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

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

*Sample:*

*Non-Response:* -  
*N:* 1830

---

**Measured Correlate**

*Class:* Evaluation of current situation of one's nation  
*Code:* N 6.2.2

*Measurement:* Direct closed question

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<td>A-AOL/c/sq/v/4/b</td>
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<td>O-HL/c/sq/?/6/a</td>
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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 27 of 145
Study: **VENTE 1997**

**Reported in:** Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)

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

**Sample:** Non-probability chunk sample

**Non-Response:** 36%

**N:** 4626

---

**Measured Correlate**

**Class:** Evaluation of current situation of one's nation  
Code: N 6.2.2

**Measurement:**
- Hospitalization in the child's first year
  - a: more than 4 months in the first half year
  - b: more than 4 months in the 2nd half year
  - c: time unknown
  - 1: 1-2 months
  - 2: 3-4 months
  - 3: 5-6 months
  - 4: 7-8 months
  - 5: 9-10 months
  - 6: 11-12 months

**Measured Values:**
N: a:10, b:9, c:3379, %:1:42,0, 2:19,2, 3:11,0, 4:10,3, 5:8,2, 6:9,4

**Error Estimates:**

---

**Observed Relation with Happiness**

**Happiness Query** | **Statistics** | **Remarks**
--- | --- | ---
A-AOL/m/sq/v/5/a | a: Mt =8.25 |  
b: Mt =7.78  
1: Mt =7.68  
2: Mt =7.69  
3: Mt =7.53  
4: Mt =7.86  
5: Mt =7.85  
6: Mt =7.85  

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness
### O-HL/c/sq/v/5/h

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<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>6.88</td>
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### O-SLu/c/sq/v/5/e

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</table>
Findings on Happiness & ATTITUDES TO THE NATION
Correlate Code: N 6

**Study**

**BEALS 1985**

*Reported in:* Beals, J.
Generational differences in well-being for two European groups

*Population:* Immigrants from Europe, USA, 1978

*Sample:
Non-Response:* -
*N:* 844

---

**Measured Correlate**

*Class:* Expected improvement/deterioration of one's nation  Code: N 6.2.3

*Measurement:* Index consisting of 4 closed questions:
1. "Would you say that in general public officials treat you?"
   1: not fairly at all, 2: not very fairly, 3: fairly enough, 4: very fairly
2. "How free do you feel to live the kind of life you want to?"
   1: not free at all, 2: not very free, 3: free enough, 4: very free
3. "How satisfied are you with life in the US today?"
   1: completely dissatisfied, 4: neutral, 7: completely satisfied
4. "If you had the chance to move out of the US and settle down in some other country, do you think you would like to do it?"
   1: yes, 2: not sure, 3: no

*Loadings of the four items were determined by factor-analysis.*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>M-AO/u/mq*/0/a</td>
<td>βL=.40</td>
<td>p&lt;.01</td>
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</tbody>
</table>

βL standardized direct path coefficient in a LISREL-model, controlled for contacts with relatives, contacts with friends, immigration generation and socioeconomic status. Also involved in the model are cognitive well-being and negative affect.

---

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Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Immigrants from Western Europe
$ r = +.41 \ p < .01$

Immigrants from Eastern and Southern Europe
$ r = +.34 \ p < .01$
Findings on Happiness & ATTITUDES TO THE NATION

BORTN 1970

Reported in: Bortner, R.W. & Hultsch, D.F.
A multivariate analysis of correlates of life satisfaction in adulthood

Population: 21+ aged, general public, USA 1959

Sample:
Non-Response: 9%
N: 1406

Measured Correlate

Class: Expected improvement/deterioration of one's nation
Code: N 6.2.3

Measurement: Difference in ladder ratings: Evaluation of present national situation minus evaluation of national situation 5 years ago.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
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### Study

**BORTN 1970**

*Reported in:* Bortner, R.W. & Hultsch, D.F.

A multivariate analysis of correlates of life satisfaction in adulthood

*Population:* 21+ aged, general public, USA 1959

*Sample:

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

### Measured Correlate

*Class:* Hopes for the country Code: N 6.2.4

*Measurement:* Difference in ladder ratings: Expectation of national situation 5 years from now minus evaluation of present national situation.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
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Findings on Happiness & ATTITUDES TO THE NATION

**Correlate Code: N 6**

---

**Study**

**BORTN 1970**

*Reported in:* Bortner, R.W. & Hultsch, D.F.
A multivariate analysis of correlates of life satisfaction in adulthood

*Population:* 21+ aged, general public, USA 1959

*Sample:*  
*Non-Response:* 9%
*N:* 1406

---

**Measured Correlate**

*Class:* Hopes for the country Code: N 6.2.4

*Measurement:* Closed question on 'where do you think the United States will be on the ladder 5 years from now?', rated on an 11-point self-anchoring scale.

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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</tbody>
</table>
Level and correlates of perceived quality of life for Lao Hmong refugees in Nebraska
Social Indicators Research vol 14, 1984, p 83-97

16+ aged, recent refugees from Laos, USA, 1982

Non-Response: 0%
N: 145

Hopes for the country

Index of closed questions, rated on a 7-point Delighted-Terrible scale:
- how does the future look for you in the United States?
- how does the future look for your children in the United States?

Beta=+.2
8 controlled for: satisfaction with self, perceived control, satisfaction with USA and satisfaction with leisure.
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Content analysis of an open-ended question on wishes and hopes for the future of one’s country. Responses rated for:

a. Political: honest, efficient, balanced, democratic or representative, socialistic government; freedom; law and order; national unity; political stability, internal peace and order; etc.

b. Economic: improved or decent standard of living; technological advances, greater productivity; economic stability; employment; etc.

c. Social: social justice; eliminate discrimination, prejudice or exploitation; education; improved labor conditions; control of labor; social security; housing; agrarian reform; public health; limited population growth; sense of social and political responsibility and awareness; morality, ethical standards, religions; etc.

d. International: peace; disarmament, limitation of armaments, control or banning of nuclear weapons; lessening of cold war; better relations with Communist bloc; friendly relations with all countries; better world; maintain neutrality; help other nations; increased foreign trade or
exports; etc.

e. Independent status:
   military strength; maintain or at-
   tain the position of a world power;
   enhancement of status and importan-
   ce of the nation; exert ideological
   or moral leadership; national inde-
   pendence; etc.

f. Preserve national status quo:
   contentment with things as they
   are.

Measured Values:

Error Estimates:

Remarks:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=-.05 ns</td>
<td>a. U-shaped curve: moderately happy people being least concerned with politics.</td>
</tr>
</tbody>
</table>

G=-.10  p<.05  b.

G=+.17  p<.05  c.
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

\[ G = +.47 \quad p < .01 \quad d. \]

\[ G = +.26 \quad p < .01 \quad e. \]

\[ G = +.75 \quad p < .01 \quad f. \]
Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

Content analysis of an open-ended question on fears and worries for the future of one's country. Responses rated as concerning:

1. **Political:** dishonest government; inefficient government; communism; no democracy or representative government; fear country will become socialistic; lack or loss of freedom; lack of law and order; disunity among people of the nation; political instability, chaos, civil war; high or increased taxes; etc.

2. **Economic:** no improvement in or inadequate standard of living; no technological advances, economic backwardness, low productivity; failure to preserve present standard of living; economic instability; unemployment; etc.

3. **Social:** social injustice; continued discrimination, prejudice or exploitation; inadequate educational facilities and schoolings; poor and unfair working conditions; abuses by labor; unlimited population growth; no sense of social and political responsibility or awareness; lack of morality, ethical standards, religion; too much mechanization and standardization, materialism, conformity; etc.
4. International:
war; continued armament, no control
or banning of nuclear weapons; no
lessening of cold war; isolation
from other nations; inability to
maintain neutrality; etc.

5. Independent status:
not to maintain or attain the posi-
tion of a world power; lose or
have no status or importance; fail-
ure to exert ideological or moral
leadership; lack or loss of na-tio-
inal independence; threat, agression
domination by a communist power or
any foreign power; etc.

6. Have no fears for nation:
no fears or worries for the coun-
try.

7. Fear of war:
Item mentioned in open-ended ques-
tion on fears and worries for one's
personal future and/or for the fu-
ture of one's country.

Measured Values:

Error Estimates:

Remarks:

---

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=-.04</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

---
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

G = -.08  p < .01

G = +.11  p < .01

G = +.29  p < .01

G = +.11  p < .01

G = -.02  ns

DMt =  ns

Fear of war  Mt = 5.1
No fear      Mt = 4.8

In each of the separate countries the differences were non-significant.
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Respondents indicated (dis)agreement with the following statements:

a) Society has stopped making progress (-)
b) Society is not improving for people like you (-)
c) Social institutions (e.g. government & law) do not make your life better (-)
d) Society is continually evolving (+)
e) Society is a productive place for people to live in (+)
f) There is no social progress (-)
g) The world is becoming a better place for everyone (+)

Items with (-) are reverse scored on scale ranging from 1. strongly disagree 2. moderately disagree 3. slightly disagree 4. slightly agree 5. moderately agree 6. Strongly agree

KEYES 1998

Reported in: Keyes, C.L.
Social Well-Being
Social Psychology Quarterly 1998, Vol. 61, 121-140

Population: 18 + aged, Dane County, Wisconsin USA, 1994
Sample: Probability simple random sample
Non-Response: 37%
N: 373

Measured Correlate

Class: Current satisfaction with one’s nation Code: N 6.3
Measurement:
Respondents indicated (dis)agreement with the following statements:

a) Society has stopped making progress (-)
b) Society is not improving for people like you (-)
c) Social institutions (e.g. government & law) do not make your life better (-)
d) Society is continually evolving (+)
e) Society is a productive place for people to live in (+)
f) There is no social progress (-)
g) The world is becoming a better place for everyone (+)

All items with (-) are reverse scored on scale ranging from 1. strongly disagree 2. moderately disagree 3. slightly disagree 4. slightly agree 5. moderately agree 6. Strongly agree

Measured Values: M = 32.1    SD = 5.7
Error Estimates:
Metric Loading ranging from 0.54 to 1.0
Validity coefficient for the scoring ranged from 0.46 to 0.62
Alpha reliability 0.69

Observed Relation with Happiness

Happiness Query    Statistics   Remarks
O-SLu/h/sq/v/4/a    r=+.16     p<.01
O-SLW/cm/sq/v/4/a   r=+.26     p<.01
Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

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 satisfaction with one's nation Code: N 6.3  
Measurement: Single question:  
'How satisfied are you at present with society at large?'  
1: very dissatisfied  
2: dissatisfied  
3: neither/nor  
4: satisfied  
5: very satisfied  

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks
A-AOL/m/sq/v/5/a r=.25 p<.00  
1: M = 6.35  
2: M = 7.08  
3: M = 7.51  
4: M = 8.04  
5: M = 8.98  
All M = 7.79

O-HL/c/sq/v/5/h r=.25 p<.00  
1: M = 6.15  
2: M = 6.23  
3: M = 6.64  
4: M = 7.21  
5: M = 8.14  
All M = 7.46

O-SLu/c/sq/v/5/e r=.28 p<.00  
1: M = 6.15  
2: M = 6.63  
3: M = 7.13  
4: M = 7.76  
5: M = 8.70  
All M = 7.46

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

7-item index of questions on satisfaction with standards and achievement. Typical items:
- The moral standards in Britain today
- What to future seems to hold for you
Answers scored on a seven point scale ranging from "extremely dissatisfied" (1) to "extremely satisfied" (7).
Next an average score was computed.

WARR 1979
Reported in: Warr,P.,Cook,J. & Wall,T.
Scales for the measurement of some work attitudes and aspects of psychological well-being
Journal of Occupational Psychology vol.52, 1979, p.129-148

Population: Factory workers, blue collar, UK, 1977
Sample: 590 (200 and 390)

Measured Correlate
Class: Current satisfaction with one's nation Code: N 6.3
Measurement: 7-item index of questions on satisfaction with standards and achievement. Typical items:
- The moral standards in Britain today
- What to future seems to hold for you
Answers scored on a seven point scale ranging from "extremely dissatisfied" (1) to "extremely satisfied" (7).
Next an average score was computed.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness
Happiness Query Statistics Remarks
O-HL/c/sq/v/3/ab r=+.31 p<.01 controlled for age rpc=+.31 controlled for skill rpc=+.31
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

WARR 1979

Reported in: Warr, P., Cook, J. & Wall, T.

Population: Factory workers, blue collar, UK, 1977
Sample:
Non-Response:
N: 590 (200 and 390)

Measured Correlate
Class: Current satisfaction with one's nation Code: N 6.3
Measurement: 7-item index of questions on satisfaction with standards and achievement. Typical items:
- The moral standards in Britain today
- What to future seems to hold for you
Answers scored on a seven point scale ranging from 'extremely dissatisfied' (1) to 'extremely satisfied' (7).

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness
Happiness Query Happiness Query Happiness Query Happiness Query Happiness Query Happiness Query Happiness Query
Remarks Remarks Remarks Remarks Remarks Remarks Remarks Remarks
O-SLW/c/sq/v/7/a r = .51 p < .01 controlled for age rpc = .51
controlled for skill rpc = .50
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

Index consisting of 4 closed questions:

1. "Would you say that in general public officials treat you?:
   1: not fairly at all, 2: not very fairly, 3: fairly enough, 4: very fairly"

2. "How free do you feel to live the kind of life you want to?"
   1: not free at all, 2: not very free, 3: free enough, 4: very free.

3. "How satisfied are you with life in the US today?"
   1: completely dissatisfied, 4: neutral, 7: completely satisfied

4. "If you had the chance to move out of the US and settle down in some other country, do you think you would like to do it?"
   1: yes, 2: not sure, 3: no

Loadings of the four items were determined by factor-analysis.

Measured Correlate

Class: Satisfaction with life in the country in general Code: N 6.3.1

Measurement:

Index consisting of 4 closed questions:

1. "Would you say that in general public officials treat you?:
   1: not fairly at all, 2: not very fairly, 3: fairly enough, 4: very fairly"

2. "How free do you feel to live the kind of life you want to?"
   1: not free at all, 2: not very free, 3: free enough, 4: very free.

3. "How satisfied are you with life in the US today?"
   1: completely dissatisfied, 4: neutral, 7: completely satisfied

4. "If you had the chance to move out of the US and settle down in some other country, do you think you would like to do it?"
   1: yes, 2: not sure, 3: no

Loadings of the four items were determined by factor-analysis.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
O-Sum/u/mq*/*0/b | $\beta L = +.50$ p < .01 | $\beta L$ standardized direct path coefficient in a LISREL-model, controlled for contacts with relatives, contacts with friends, immigration generation and socioeconomic status. Also involved in the model are positive and negative affect.
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

$r = +.58 \quad p < .01 \quad \text{Immigrants from Western Europe}$

$r = +.39 \quad p < .01 \quad \text{Immigrants from Eastern and Southern Europe}$
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

---

**Study**

BECKE 1984

*Reported in:* Becker, J.W.; Vink, R.
A comparison between the unemployed, disabled workers and the employed
Rijswijk: Sociaal en Cultureel Planbureau, 1984

*Population:* 18-64 aged, general public, The Netherlands, 1982

*Sample:* Probability multi-stage cluster sample

*Non-Response:* 68-94%

*N:* 465

---

**Measured Correlate**

*Class:* Satisfaction with life in the country in general  Code: N 6.3.1

*Measurement:*

Single question: "To what extent are you satisfied with the society in which you are currently living?"

0=very dissatisfied
1=dissatisfied
2=neither satisfied nor dissatisfied
3=satisfied
4=very satisfied

*Measured Values:*  
M=3.3286  
SD=0.7686

*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-SLL/c/sq/v/5/a</td>
<td>r=+.26</td>
<td>p&lt;.000  working</td>
</tr>
<tr>
<td></td>
<td>r=+.18</td>
<td>p&lt;.000  unemployed</td>
</tr>
<tr>
<td></td>
<td>r=+.14</td>
<td>p&lt;.008  disabled</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 48 of 145
**Study**  
**BORTN 1970**  
*Reported in:* Bortner, R.W. & Hultsch, D.F.  
A multivariate analysis of correlates of life satisfaction in adulthood  
*Population:* 21+ aged, general public, USA 1959  
*Sample:*  
*Non-Response:* 9%  
*N:* 1406  

---

**Measured Correlate**  
*Class:* Satisfaction with life in the country in general  
*Code:* N 6.3.1  
*Measurement:* Closed question rated on an 11-point self-anchoring scale (Cantril ladder; see CANTR, 1965).  

---

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-RG/h/sq/l/11/a</td>
<td>r=-.11</td>
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</tr>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>r=-.09</td>
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<tr>
<td>O-S Lu/c/sq/l/11/a</td>
<td>r=-.11</td>
<td></td>
</tr>
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</table>
### Study

**CAMPB 1981**

- **Reported in:** Campbell, A.
- **Study:** The Sense of Well-Being in America
- **Population:** 18+ aged, general public, non-institutionalized USA, 1978
- **Sample:**
- **Non-Response:** about 20%
- **N:** 3692

### Measured Correlate

- **Class:** Satisfaction with life in the country in general  
  Code: N 6.3.1
- **Measurement:** Single closed question on amount of satisfaction with life in the U.S.A. rated on a 7-point scale ranging from completely dissatisfied to completely satisfied.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/csq/n7/a</td>
<td>r=+.30</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**HALL 1976**

*Reported in:* Hall, J.  

*Population:* Adults, general public, Great Britain, 1971-75

*Sample:*

*Non-Response:* ?

*N:* 593 in '71, 966 in '73 and 932 in '75

---

### Measured Correlate

*Class:* Satisfaction with life in the country in general  
*Code:* N 6.3.1

*Measurement:* Direct closed question rated on a 11-point scale.

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
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<tr>
<td>O-SLW/c/sq/l/11/a</td>
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<td>1975</td>
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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 51 of 145
**Study**  
MERED 1984  

*Reported in:* Meredith, W.H.  

*Population:* 16+ aged, recent refugees from Laos, USA, 1982

*Sample:*

*Non-Response:* 0%

*N:* 145

---

**Measured Correlate**

*Class:* Satisfaction with life in the country in general  
Code: N 6.3.1

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale: How do you feel about the country you live in?

*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-DT/u/sqt/v/7/a | r=.25  
P<.01  
Beta=.2 | & Controlled for satisfaction with self, optimism, satisfaction with leisure and perceived control |
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study

**ANDRE 1976/1**

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

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

*Sample:*

*Non-Response:* 24%

*N:* 1297

**Measured Correlate**

*Class:* Satisfaction with compatriots  Code: N 6.3.2

*Measurement:*
Closed question: *"How do you feel about the way young people in this country are thinking and acting?"*
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=+.15</td>
<td>Males:  eta=+.22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Females: eta=+.11</td>
</tr>
</tbody>
</table>

### Study

**ANDRE 1976/1**

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

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

| Non-Response | 24% |
| N            | 1297 |

### Measured Correlate

- **Class:** Satisfaction with compatriots  
  Code: N 6.3.2

- **Measurement:** Closed question: "How do you feel about the way people over 40 in this country are acting and thinking?"  
  Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>E²=.22</td>
<td>Unaffected by sex</td>
</tr>
</tbody>
</table>
### Study

**ANDRE 1976/1**

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

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

**Sample:**

**Non-Response:** 24%

**N:** 1297

### Measured Correlate

**Class:** Satisfaction with compatriots  Code: N 6.3.2

**Measurement:**
- **Closed question:** "How do you feel about the way other people treat you?"
- **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**

<table>
<thead>
<tr>
<th>O-DT/u/sqt/v/7/a</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>r=+.30</td>
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Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

Study 
**ANDRE 1976/1**  
*Reported in:* Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976. New York, USA  
*Population:* 18+ aged, general public, non-institutionalized, USA, 1972/75  
*Sample:*  
*Non-Response:* 24%  
*N:* 1297  

Measured Correlate  
*Class:* Satisfaction with compatriots  
*Code:* N 6.3.2  
*Measurement:* Closed question: "How do you feel about the way young people in this country are thinking and acting?"  
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:* O-DT/u/sq/v/7/a  
*Statistics:* \( E^2 = +.15 \)  
*Remarks:*  
Males: \( \eta = +.22 \)  
Females: \( \eta = +.11 \)
Findings on Happiness & ATTITUDES TO THE NATION  

Correlate Code: N 6

---

**Study**  
**ANDRE 1976/1**  
*Reported in:* Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans’ Perceptions of Life Quality  
Plenum Press, 1976. New York, USA  
*Population:* 18+ aged, general public, non-institutionalized, USA, 1972/75  
*Sample:*  
*Non-Response:* 24%  
*N:* 1297

---

**Measured Correlate**  
*Class:* Satisfaction with compatriots  
*Code:* N 6.3.2  
*Measurement:*  
Closed question: “How do you feel about the way people over 40 in this country are acting and thinking?” Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

---

**Observed Relation with Happiness**  
*Happiness Query*  
O-DT/u/sqt/v/7/a  
*Statistics*  
$E^2 = .22$  
*Remarks*  
Unaffected by sex
<table>
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<tr>
<th>Study</th>
<th>ANDRE 1976/3</th>
<th>Page in Report: 113</th>
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<tbody>
<tr>
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<td>Americans' Perceptions of Life Quality</td>
<td>Plenum Press, 1976, New York, USA</td>
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<tr>
<td>Population:</td>
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<tr>
<td>Sample:</td>
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<td>Non-Response:</td>
<td>38%</td>
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<td>N:</td>
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</table>

### Measured Correlate

**Class:** Satisfaction with compatriots | Code: N 6.3.2

**Measurement:**
- Closed question: *"How do you feel about the way young people in this country are thinking and acting?"*
- 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**

<table>
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<tr>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
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<td>$E^2 = +.12$</td>
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</table>

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Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 58 of 145
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

**Study**

**ANDRE 1976/3**

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

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

*Sample:*

*Non-Response:* 38%

*N:* 1072

---

**Measured Correlate**

*Class:* Satisfaction with compatriots  Code: N 6.3.2

*Measurement:*

- Closed question: "How do you feel about the way young people in this country are thinking and acting?"
- Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/
mixed/ mostly satisfied/ pleased/ delighted

*Measured Values:*

*Error Estimates:*

*Remarks:*

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**Observed Relation with Happiness**

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<th>Happiness Query</th>
<th>Statistics</th>
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Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 59 of 145
Findings on Happiness & ATTITUDES TO THE NATION

**Correlate Code: N 6**

**Study**

**ANDRE 1976/5**

- **Reported in:** Andrews, F.M. & Withey, S.B.
- **Social Indicators of Well-being: Americans’ Perceptions of Life Quality**
- **Plenum Press, 1976, New York, USA**
- **Population:** 18+ aged, general public, non-institutionalized, USA, 1973/7
- **Sample:**
- **Non-Response:**
- **N:** 222

**Measured Correlate**

- **Class:** Satisfaction with compatriots  
  Code: N 6.3.2

- **Measurement:** 2-item index of questions "How do you feel about...?"
  1. the extent to which you get what you are entitled to
  2. how fairly you are treated
  Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

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

**Observed Relation with Happiness**

<table>
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</table>
Findings on Happiness & ATTITUDES TO THE NATION

Study

**ANDRE 1976/5**

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

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

*Sample:*

*Non-Response:*

*N: 222*

Measured Correlate

*Class:* Satisfaction with compatriots  **Code: N 6.3.2**

*Measurement:*

**Closed question:** "How do you feel about the way young people in this country are thinking and acting?"
**Rated on a 7-point scale:** terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

*Measured Values:*

*Error Estimates:*

*Remarks:*

Observed Relation with Happiness

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Print date: 7-2-2003       World Database of Happiness: www.eur.nl/fsw/research/happiness       Page 61 of 145
Findings on Happiness & ATTITUDES TO THE NATION

**Study**

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Plenum Press, 1976, New York, USA

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

*Sample:*

*Non-Response:*

*N:* 222

**Measured Correlate**

*Class:* Satisfaction with compatriots  Code: N 6.3.2

*Measurement:*

Closed question: "How do you feel about the way people over 40 in this country are thinking and acting?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

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Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976, New York, USA |
| Population: | 18+ aged, general public, non-institutionalized, USA, 1973/7 |
| Sample: | |
| Non-Response: | |
| N: | 222 |

**Measured Correlate**

| Class: | Satisfaction with compatriots  
Code: N 6.3.2 |
|--------|---------------|
| Measurement: | Closed question: "How do you feel about the way people over 40 in this country are thinking and acting?"  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted |

**Observed Relation with Happiness**

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**ANDRE 1976/5**

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*Sample*  

*Non-Response:*  

*N:* 222  

### Measured Correlate

*Class:* Satisfaction with compatriots  
*Code:* N 6.3.2  

*Measurement:*  
Closed question: "How do you feel about the way young people in this country are thinking and acting?"  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted  

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

### Observed Relation with Happiness

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Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study

HEADE 1981

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

Population: Adults, general public, Australia 1978

Sample: Probability sample (unspecified)

Non-Response: not reported

N: 679

Measured Correlate

Class: Satisfaction with compatriots Code: N 6.3.2

Measurement:
Index of 3 single questions on satisfaction with:
a: How dependable and responsible
b: How sincere and honest
c: How generous and kind
people around you are
All scored on a 1-9 rating scale, summation by average.

Measured Values: M = 6.6  SD = 1.2

Error Estimates:

Remarks: All items scored on the same rating scale as the question on happiness.

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-DT/u/sqt/v/9/a  r=+.40  p<.001

All items scored on the same rating scale as the question on happiness.
### Study

**ANDRE 1976/4**

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

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

**Sample:**

**Non-Response:** 26%

**N:** 1433

### Measured Correlate

**Class:** Satisfaction with fair treatment  
**Code:** N 6.3.3

**Measurement:**
- Closed question: "How do you feel about how fairly you get treated?"
- Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**Measured Values:**

**Error Estimates:**

### Observed Relation with Happiness

**Happiness Query**

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Findings on Happiness & ATTITUDES TO THE NATION

Closed question: “How do you feel about how fairly you get treated?”
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

ANDRE 1976/4

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

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

Sample: 26%
N: 1433

Measured Correlate

Class: Satisfaction with fair treatment Code: N 6.3.3
Measurement: Closed question: “How do you feel about how fairly you get treated?”
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/sqrt/v/7/a E²=.51 β controlled for 7 criterion satisfactions (physical needs met, yourself, interesting daily life, fun and enjoyment, develop self, adjust to changes, financial security).

Beta=.1

β controlled for sociodemographic variables (family life-cycle, age, family income, education, race, sex) and 7 criterion satisfactions. (see above)
### Findings on Happiness & ATTITUDES TO THE NATION

**Correlate Code: N 6**

**Study**

**ANDRE 1976/6**

*Reported in:* Andrews, F.M. & Withey, S.B.

Social Indicators of Well-being: Americans’ Perceptions of Life Quality

Plenum Press, 1976, New York, USA

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

*Sample:

*Non-Response:

*N:* 1072+1433+222

### Measured Correlate

<table>
<thead>
<tr>
<th>Class</th>
<th>Satisfaction with fair treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>N 6.3.3</td>
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</tbody>
</table>

*Measurement:*

Index of closed questions, asked in different samples: "How do you feel about...

1. the extent to which you get what you are entitled to - what is rightfully yours (asked in July 1973)

2. how fairly you get treated (asked in April 1973)?"

Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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</table>
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

---

**Study**

**ANDRE 1976/6**

*Reported in:* Andrews, F.M. & Withey, S.B.

Social Indicators of Well-being: Americans' Perceptions of Life Quality

Plenum Press, 1976, New York, USA

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

*Sample:

*Non-Response:

*N:* 1072+1433+222

---

**Measured Correlate**

**Class:** Satisfaction with fair treatment

**Code:** N 6.3.3

**Measurement:**

*Index of closed questions, asked in different samples: *How do you feel about...*

1. *the extent to which you get what you are entitled to - what is rightfully yours (asked in July 1973)*

2. *how fairly you get treated (asked in April 1973)?*

*Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted*

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
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<th>Happiness Query</th>
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</table>
**Study**  
**FORTI 1983**  
*Reported in:* Th.J. Forti, M.S. Hyg  
A Documented Evaluation of Primary Prevention through Consultation  
Community Mental Health Journal, 1983, p 290-304  
*Population:* Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981  

*Non-Response:*  
T1: 18%, T2: 14%, T3: 23%  

*N:*  
T1: 146, T2: 154, T3: 137

---

**Measured Correlate**

*Class:* Satisfaction with fair treatment  
*Code:* N 6.3.3

*Measurement:* Single closed question: 'How do you feel about fair treatment?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) neither. (order reversed)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
</table>
| O-DT/u/sq/t/7/a  | r=+        | T1: 1977  
               |            | r = +.34 (01)  
               |            | T2: 1979  
               |            | r = +.34 (01)  
               |            | T3: 1981  
               |            | r = +.35 (01)  
               |            | Both variables assessed at T1, T2, and T3.  
               |            | Correlation concerns same time measures. |
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

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: 38%
N: 1072

Measured Correlate

Class: Satisfaction with moral climate
Code: N 6.3.4

Measurement:
Closed question: “How do you feel about the standards and values of today’s society?”
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/u/sqt/v/7/a $E^p=+.26$
### 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:** aged, general public, non institutionalized, USA, 1972/11
- **Sample:**
- **Non-Response:** 38%
- **N:** 1072

### Measured Correlate

- **Class:** Satisfaction with moral climate  
- **Code:** N 6.3.4  
- **Measurement:**  
  - Closed question: "How do you feel about the reliability of the people you depend on?"
  - Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Observed Relation with Happiness

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<tr>
<th>Happiness Query</th>
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<td>$E^p = +.38$</td>
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### Study

**ANDRE 1976/3**

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

**Sample:**

**Non-Response:** 38%

**N:** 1072

### Measured Correlate

**Class:** Satisfaction with moral climate  
**Code:** N 6.3.4

**Measurement:**

Closed question: “How do you feel about the reliability of the people you depend on?”

Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Measured Values:

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**  
**Statistics**  
**Remarks**

O-DT/u/sqt/v/7/a  
$E^2 = +.38$
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study

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Plenum Press, 1976, New York, USA

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

Sample:
Non-Response: 38%
N: 1072

Measured Correlate

Class: Satisfaction with moral climate
Code: N 6.3.4

Measurement:
Closed question: “How do you feel about the standards and values of today's society?”
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
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World Database of Happiness: www.eur.nl/fs/research/happiness
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### Measured Correlate

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<tr>
<th>Measurement:</th>
<th>Closed question: “How do you feel about how sincere and honest other people are?”</th>
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<tbody>
<tr>
<td></td>
<td>Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted</td>
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| Measured Values: | |
|------------------| |
| Error Estimates: | |
| Remarks: | |

### Observed Relation with Happiness

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### Findings on Happiness & ATTITUDES TO THE NATION

**Correlate Code: N 6**

**Closed question:** How do you feel about the standards and values of today's society?

**Rated on a 7-point scale:** terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

---

**Study**

**ANDRE 1976/5**

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

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

---

**Measured Correlate**

- **Class:** Satisfaction with moral climate  
  **Code:** N 6.3.4

- **Measurement:** Closed question: How do you feel about the standards and values of today's society?  
  Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

**Measured Values**

**Error Estimates**

**Remarks**

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**Observed Relation with Happiness**

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### Findings on Happiness & ATTITUDES TO THE NATION

**Codification**: N 6

**Closed question**: “How do you feel about the reliability of the people you depend on?”
- Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**Reported in**: ANDRE 1976/5

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

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

**Sample**

**Non-Response**: 222

**N**: 222

### Measured Correlate

**Class**: Satisfaction with moral climate  
**Code**: N 6.3.4

**Measurement**: Closed question: “How do you feel about the reliability of the people you depend on?”
- Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**Measured Values**

**Error Estimates**

**Remarks**

### Observed Relation with Happiness

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Study | ANDRE 1976/5
---|---
**Reported in:** | Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA

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

**Sample:**

**Non-Response:**

**N:** | 222

**Measured Correlate**

**Class:** | Satisfaction with moral climate
**Code:** | N 6.3.4

**Measurement:**
Closed question: “How do you feel about the reliability of the people you depend on?”
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 | $r = +.34$ |
<table>
<thead>
<tr>
<th>Study</th>
<th>ANDRE 1976/6</th>
<th>Page in Report: 156</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Andrews, F.M. &amp; Withey, S.B.</td>
<td></td>
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<tr>
<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
<td></td>
<td></td>
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<tr>
<td>Plenum Press, 1976, New York, USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non-institutionalized, USA, 1972-73</td>
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<tr>
<td>Sample:</td>
<td></td>
<td></td>
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<tr>
<td>Non-Response:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>1072+1433+222</td>
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</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Satisfaction with moral climate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>N 6.3.4</td>
</tr>
</tbody>
</table>

**Measurement:**

Closed question: “How do you feel about the standards and values of today's society?” (asked in November 1972 and July 1973)

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>r=+.25</td>
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</tr>
</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION

ANDRE 1976/6

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

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

**Sample:**

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

---

**Measured Correlate**

**Class:** Satisfaction with moral climate  
**Code:** N 6.3.4

**Measurement:**
Closed question: “How do you feel about the standards and values of today's society?” (asked in November 1972 and July 1973)
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**
O-DT/u/sqt/v/7/a

**Statistics**
r=+.25

**Remarks**
Findings on Happiness & ATTITUDES TO THE NATION

ORAMEL 1980

**Measurement:**
5-item additive index concerning dissatisfaction with society:
1. There are so many different opinions about good and evil that one becomes confused about it.
2. The problem of our world is that most people don't believe in anything.
3. As things are today, it is irresponsible to bring children into this world.
4. If it really matters few people care about one.
5. What we are lacking in this world is life-long friendship.

Rated on a 4-point scale.
Assessed at T2(1976) and T3(1977).

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

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

**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=-.22 p&lt;.01</td>
<td>T2 happiness by T2 dissatisfaction.</td>
</tr>
<tr>
<td></td>
<td>r=-.18 p&lt;.01</td>
<td>T3 happiness by T2 dissatisfaction.</td>
</tr>
<tr>
<td></td>
<td>r=-.22 p&lt;.01</td>
<td>T2 happiness by T3 dissatisfaction.</td>
</tr>
<tr>
<td></td>
<td>r=-.29 p&lt;.01</td>
<td>T3 happiness by T3 dissatisfaction.</td>
</tr>
</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION

**Closed question:** “How do you feel about the respect other people have for your rights?”
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

**Measured Correlate**

- **Class:** Satisfaction with respect for rights  
  Code: N 6.3.5
- **Measurement:** Closed question: “How do you feel about the respect other people have for your rights?”  
  Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
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<tr>
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<td>r=+.17</td>
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</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:*

*Non-Response:* 38%

*N:* 1072
### 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>
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<tbody>
<tr>
<td>38%</td>
<td>1072</td>
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</tbody>
</table>

### Measured Correlate

**Class:** Satisfaction with respect for rights  
Code: N 6.3.5

**Measurement:**
- Closed question: “How do you feel about the respect other people have for your rights?”
- Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
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<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>E²=+.28</td>
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</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:**

**Non-Response:** 38%

**N:** 1072

### Measured Correlate

**Class:** Satisfaction with respect for rights  Code: N 6.3.5

**Measurement:**

Closed question: "How do you feel about the respect other people have for your rights?"
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>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
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<td>O-DT/u/sqt/v/7/a</td>
<td>$E^2 = .28$</td>
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</table>
Study **ANDRE 1976/5**

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

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

**Measured Correlate**

*Class:* Satisfaction with respect for rights  Code: N 6.3.5

*Measurement:* A 3-item index containing satisfaction with the way one is treated by other people, with the way one's rights are respected by others, and with how dependable and responsible people are: "How do you feel about...?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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<tbody>
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<td>A-BB/cm/mq/v/2/a</td>
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<td>O-BW/cy/sq/l/9/a</td>
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<td>O-DT/u/sq/v/7/a</td>
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<td>O-HL/u/sq/v/7/b</td>
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<td>O-SLW/u/sq/f/7/a</td>
<td>r=+.33</td>
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</table>
Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

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

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

**Sample:**

**Non-Response:**


**N:** 1072+1433+222

---

**Measured Correlate**

**Class:** Satisfaction with respect for rights  
**Code:** N 6.3.5

**Measurement:**  
*Index of closed questions, asked in different samples: "How do you feel about...*

1. the respect other people have for your rights (asked in November 1972 and July 1973)
2. the amount of respect you get from others (asked in April 1973)
3. the way other people treat you (asked in July 1973)
4. how dependable and responsible people around you are (asked in July 1973)?*

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=+.35
### Study

**ANDRE 1976/6**

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

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

**Sample:**

| Non-Response: | N: 1072+1433+222 |

### Measured Correlate

**Class:** Satisfaction with respect for rights  
Code: N 6.3.5

**Measurement:** Index of closed questions, asked in different samples:  "How do you feel about...  
1. how much you are admired or respected by other people (asked in November 1972 and July 1973)  
2. how you get on with other people (asked in April 1973 and July 1973)"

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

**Statistics**  
r=+.46

**Remarks**
Findings on Happiness & ATTITUDES TO THE NATION  
Correlate Code: N 6

<table>
<thead>
<tr>
<th>Study</th>
<th>MOSER 1969</th>
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<td>Moser - Peters, C.M.J.</td>
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<td>Sample:</td>
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<tr>
<td>Non-Response:</td>
<td>14% unattainable etc.</td>
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<td>N:</td>
<td>300</td>
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</tbody>
</table>

Measured Correlate

Class: Attitudes to the state Code: N 6.4

Measurement: 5-item index indicating anomia and powerlessness (from a shortened Adorna F-scale; see Weima, 1963).
- Typical items are:
  - most politicians are incapable.
  - people should talk less and lead a more natural life.
  - we need less laws and institutions and more courageous leaders.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/c</td>
<td>G=+.13</td>
<td>ns</td>
</tr>
</tbody>
</table>
### Study

**LEVY 1975/2**

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

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

*Sample:*

*Non-Response:* -

*N:* 1830

### Measured Correlate

*Class:* Satisfaction with economic development  Code: N 6.5.1

*Measurement:* Direct closed question

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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<tbody>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>mc=+.15</td>
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<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.19</td>
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</table>

Page in Report: 373
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

**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:* Satisfaction with economic development  Code: N 6.5.1

*Measurement:* Direct question: "How do you feel about national development, about the chances of getting ahead in Sierra Leone?"

**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-SLW/u/sq/l/7/a | r=+        | Males r = +.22  
|                 |            | Females r = <+10 |
Study: ANDRE 1976/1

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

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

Sample:
Non-Response: 24%
N: 1297

Measured Correlate

Class: Satisfaction with costs of living  Code: N 6.5.2
Measurement: Index of questions: “How do you feel about what one has to pay for...?”
1. basic necessities such as food
   housing and clothing
2. taxes one has to pay- local, state and national.
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-DT/u/sqt/v/7/a  E²=.26
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<td>Andrews, F.M. &amp; Withey, S.B.</td>
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<tr>
<td></td>
<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
</tr>
<tr>
<td></td>
<td>Plenum Press, 1976, New York, USA</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>18+ aged, general public, non institutionalized, USA, 1972/11</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>38%</td>
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<tr>
<td><strong>N:</strong></td>
<td>1072</td>
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</table>

### Measured Correlate

<table>
<thead>
<tr>
<th><strong>Class:</strong></th>
<th>Satisfaction with costs of living</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Code:</strong></td>
<td>N 6.5.2</td>
</tr>
</tbody>
</table>

| **Measurement:** | Closed question: “How do you feel about what you have to pay for basic necessities such as food, housing, and clothing?” |
| **Rated on a 7-point scale:** | terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted |

#### Measured Values:

- **Error Estimates:**

#### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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</thead>
<tbody>
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<td>O-SLW/c/sq/n/7/a</td>
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<tr>
<td>O-SLW/u/sq/t/101/a</td>
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<tr>
<td>Study</td>
<td>ANDRE 1976/3</td>
<td></td>
</tr>
<tr>
<td>-------</td>
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<td>Andrews, F.M. &amp; Withey, S.B.</td>
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<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
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<td>Plenum Press, 1976, New York, USA</td>
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<tr>
<td>Population:</td>
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<td>Non-Response:</td>
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<tr>
<td>N:</td>
<td>1072</td>
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</tbody>
</table>

**Measured Correlate**

- **Class:** Satisfaction with costs of living
- **Code:** N 6.5.2
- **Measurement:** Closed question: "How do you feel about what you have to pay for basic necessities such as food, housing, and clothing?"
  Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>r=+.25</td>
<td></td>
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</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

Index of closed questions, asked in different samples: “How do you feel about...
1. what you have to pay for basic necessities, such as food, housing and clothing (asked in November 1972)
2. the taxes you pay - I mean the local, state, and national taxes all together (asked in July 1973)?”
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

Study
ANDRE 1976/6

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

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

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

Measured Correlate

Class: Satisfaction with costs of living
Code: N 6.5.2

Measurement: Index of closed questions, asked in different samples: “How do you feel about...
1. what you have to pay for basic necessities, such as food, housing and clothing (asked in November 1972)
2. the taxes you pay - I mean the local, state, and national taxes all together (asked in July 1973)?”
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=+.20

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

**ANDRE 1976/5**

- **Reported in:** Andrews, F.M. & Withey, S.B.
- **Social Indicators of Well-being: Americans' Perceptions of Life Quality**
  Plenum Press, 1976, New York, USA
- **Population:** 18+ aged, general public, non-institutionalized, USA, 1973/7
- **Sample:**
- **Non-Response:**
- **N:** 222

### Measured Correlate

- **Class:** Satisfaction with taxes  
  **Code:** N 6.5.3
- **Measurement:** Closed question: "How do you feel about the taxes you pay - the local, state and national taxes all together?"
  Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
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<td>O-SLW/u/sq/f/7/a</td>
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</table>
Question: Often it is said that there are conflicts of interests between various groups in the FRG, for instance between political groups, between man and women and so on. These conflicts are not all of exactly the same weight. I will mention some of these groups:

- employers/employees
- foreign workers and Germans
- political left-wing and right-wing parties
- men and women

Please tell me if the conflicts between these groups to your opinion are:

1. no conflicts at all
2. rather slight conflicts
3. rather heavy conflicts
4. very heavy conflicts

Measured Correlate

Class: Attitudes to social relations in the nation Code: N 6.6
Measurement: Question: Often it is said that there are conflicts of interests between various groups in the FRG, for instance between political groups, between man and women and so on. These conflicts are not all of exactly the same weight. I will mention some of these groups:

- employers/employees
- foreign workers and Germans
- political left-wing and right-wing parties
- men and women

Please tell me if the conflicts between these groups to your opinion are:

1. no conflicts at all
2. rather slight conflicts
3. rather heavy conflicts
4. very heavy conflicts

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
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<td>SNR=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>et a</td>
<td>G</td>
</tr>
</tbody>
</table>

Conflicts employers/employees:

<table>
<thead>
<tr>
<th>Year</th>
<th>et a</th>
<th>G</th>
<th>r</th>
<th>ß</th>
</tr>
</thead>
<tbody>
<tr>
<td>1978</td>
<td>+.02</td>
<td>-.02</td>
<td>+.00</td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td>-.01</td>
<td>+.00</td>
<td>-.01</td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td>-.05</td>
<td>+.00</td>
<td>-.01</td>
<td></td>
</tr>
</tbody>
</table>
Conflicts between foreign workers and Germans:
1978  +.05  +.00  -.00  +.06
1980  -.07  -.09  -.06  +.08
1984  +.05  +.05  +.02  +.05
1988  +.05  +.05  +.02  +.05

Conflicts between political parties left/right:
1978  +.04  +.08  +.04  +.02
1980  +.06  +.01  +.01  +.07
1984  -.05  -.00  -.01  +.06
1988  -.05  -.00  -.01  +.06

Conflicts between men and women:
1978  -.09  -.14  -.09  +.08
1980  -.10  -.17  -.10  +.08
1984  -.09  -.14  -.09  +.08
1988  -.10  -.17  -.10  +.08

$\beta$'s controlled for age, gender, perceived class and marital status.

<table>
<thead>
<tr>
<th></th>
<th>$\eta$</th>
<th>$G$</th>
<th>$r$</th>
<th>$\beta$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employer - employee:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>+.08</td>
<td>+.08</td>
<td>+.06</td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td>+.06</td>
<td>+.01</td>
<td>+.00</td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td>+.03</td>
<td>+.01</td>
<td>+.00</td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td>-.07</td>
<td>-.08</td>
<td>-.06</td>
<td></td>
</tr>
</tbody>
</table>

| Germans - foreigners: | | | | |
| 1978   | +.05  | +.02 | +.03 | +.05 |
| 1980   | +.08  | +.07 | +.07 | +.10 |
| 1984   | +.02  | +.02 | +.02 | +.03 |
| 1988   | +.05  | +.05 | +.05 | +.02 |

| Left - right: | | | | |
| 1978   | -.05  | -.05 | -.05 | +.02 |
| 1980   | +.07  | +.03 | +.03 | +.07 |
| 1984   | -.04  | -.03 | -.02 | +.05 |
| 1988   | +.11  | +.13 | +.11 | +.10 |

| Man - woman: | | | | |
| 1978   | +.09  | +.09 | +.09 | +.06 |
| 1980   | +.11  | +.13 | +.11 | +.10 |
| 1984   | +.09  | +.09 | +.09 | +.06 |

$\beta$'s controlled for age, gender, perceived class and marital status.
Study  DAVIS 1984  Page in Report:
 Reported in:  James A. Davis
 New money, an old man/lady and "two's company": subjective welfare in the NORC Social Indicators Research, vol. 15, pp. 319-350

 Population:  18+ aged, general public, English speaking, non-institutionalized, USA, 1972-82

 Sample:
 Non-Response:
 N: 13581

 Measured Correlate

 Class:  Attitudes to ethnic relations  Code: N 6.6.1

 Measurement:  Single direct questions:
 A. Do you feel a black person who has the same education and qualifications can get as good a job as a white person?
 B. If a black person has the same qualifications as a white person, do you feel he/she makes as much money?
 C. Do you think opportunities for Blacks have improved in the last five years?

 Measured Values:

 Error Estimates:

 Remarks:

 Observed Relation with Happiness

 Happiness Query  Statistics  Remarks
 O-HL/g/sq/v/3/d  G=  % very happy
 tau=  • almost always or sometimes 20
       • never 20

 G=+  % very happy
 tau=+  • almost always or sometimes 18
       • never 25
 (Blacks who perceive income discrimination are happier!)

 G=-  % very happy
### Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

<table>
<thead>
<tr>
<th>tau=−</th>
<th>better</th>
<th>22</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>same</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>worse</td>
<td>19</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003

World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & ATTITUDES TO THE NATION

Study: LEVY 1975/1

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

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

Sample:

Non-Response: -

N: 1940

Measured Correlate

Class: Attitudes to ethnic relations Code: N 6.6.1

Measurement: Closed question on evaluation of the condition of new immigrants in the past 12 months ranging from 'not at all good' to 'very good'.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-AOL/c/sq/v/4/b  mc=-.07
O-HL/c/sq/?/6/a   mc=+.07
# Findings on Happiness & ATTITUDES TO THE NATION

**Correlate Code: N 6**

<table>
<thead>
<tr>
<th>Study</th>
<th>LEVY 1975/1</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Reported in:</em></td>
<td>Levy, S. &amp; Guttman, L.</td>
</tr>
<tr>
<td>On the multivariate structure of well-being</td>
<td></td>
</tr>
<tr>
<td><em>Population:</em></td>
<td>18+ aged, general public, urban areas, Israel, 1973</td>
</tr>
<tr>
<td><em>Sample:</em></td>
<td></td>
</tr>
<tr>
<td><em>Non-Response:</em></td>
<td>-</td>
</tr>
<tr>
<td><em>N:</em></td>
<td>1940</td>
</tr>
</tbody>
</table>

## Measured Correlate

<table>
<thead>
<tr>
<th><em>Class:</em></th>
<th>Attitudes to ethnic relations</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Code:</em></td>
<td>N 6.6.1</td>
</tr>
<tr>
<td><em>Measurement:</em></td>
<td>Closed question ranging from 'not at all good' to 'very good'.</td>
</tr>
</tbody>
</table>

## Measured Values

<table>
<thead>
<tr>
<th><em>Statistics</em></th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>mc=+.03</td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.06</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>A-AOL/c/sq/v/4/b</td>
<td>mc=+.03</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.06</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION

Study

LEVY 1975/2

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

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

Sample:
Non-Response: -
N: 1830

Measured Correlate

Class: Attitudes to ethnic relations  Code: N 6.6.1
Measurement: Direct closed question

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/c/sq/v/4/b</td>
<td>mc=-.07</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.06</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**LEXY 1975/2**  
*Reported in:* Levy, S. & Guttman, L.  
On the multivariate structure of well-being  

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

**Sample:**  
**Non-Response:** -  

**N:** 1830  

### Measured Correlate

- **Class:** Attitudes to ethnic relations  
- **Code:** N 6.6.1  
- **Measurement:** Direct closed question  

**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/c/sq/v/4/b</td>
<td>mc=+.12</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.22</td>
<td></td>
</tr>
</tbody>
</table>
### Study

<table>
<thead>
<tr>
<th>LEVY 1975/1</th>
</tr>
</thead>
</table>
| **Reported in:** | Levy, S. & Guttman, L.  
On the multivariate structure of well-being  
| **Population:** | 18+ aged, general public, urban areas, Israel, 1973 |
| **Sample:** |  |
| **Non-Response:** | - |
| **N:** | 1940 |

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Attitudes to labor relations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td>Closed question on evaluation of current labor relations between employers and employees in the country ranging from 'not at all good' to 'very good'.</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>A-AOL/c/sq/v/4/b</td>
<td>mc=+.03</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.06</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**LEVY 1975/2**

*Reported in:* Levy, S. & Guttman, L.
- On the multivariate structure of well-being
*Population:* 18+ aged, general public, urban areas, Israel, 1973

*Sample:* -
*N:* 1830

### Measured Correlate

*Class:* Attitudes to labor relations  
*Code:* N 6.6.2

*Measurement:* Direct closed question

### 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/4/b</td>
<td>mc=+.10</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.14</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study

BUTTE 1977

Reported in:
Buttel, F.H. & Martinson, O.B.
Ideology and social indicators of the quality of life
Social Indicators Research, vol 4, 1977, p.353-369

Population:
18+ aged, general public, Wisconsin USA, 1974

Sample:

Non-Response:

N: 548

Measured Correlate

Class: Attitudes to social inequality
Code: N 6.6.3

Measurement:
2-item index. The respondents were asked to react to the following statements:
1. Nowadays 'luck and pull' are more important in determining who gets ahead than ability or hard work.
2. America is a country where any man with ambition can get ahead.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
M-CO/u/mq/v/7/a r=-.18 p<.05
<table>
<thead>
<tr>
<th>Study</th>
<th>BUTTE 1977</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Buttel, F.H. &amp; Martinson, O.B.</td>
</tr>
<tr>
<td>Ideology and social indicators of the quality of life</td>
<td>Social Indicators Research, vol 4, 1977, p.353-369</td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, Wisconsin USA, 1974</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>548</td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Attitudes to social inequality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>N 6.6.3</td>
</tr>
</tbody>
</table>

**Measurement:** 2-item index. The respondents were asked to react to the following statements:

1. Nowadays 'luck and pull' are more important in determining who gets ahead than ability or hard work.
2. America is a country where any man with ambition can get ahead.

**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/u/mq/v/7/a</td>
<td>$r = -0.18$</td>
<td>$p &lt; 0.05$</td>
</tr>
</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

Study COHEN 1982

Reported in: Cohen, P.; Struening, E.L.; Muhlin, G.,L.; Genevie, L.,E; et al

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

Sample:

Non-Response:

N: 602

Measured Correlate

Class: Attitudes to social inequality Code: N 6.6.3

Measurement: 4-item index of direct questions: To what extent do you feel you are getting your fair share of:
1: a good education?
2: a good job?
3: good housing?
4: chances for succes?

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BC/cm/mq/v/4/a r=.36 p<.01
### Study

**KIM 1998**

**Reported in:** Kim, B.
Socioeconomic Status and perception of Quality of life
Development and Society, vol 27, p 1-15

**Population:** 20-60 aged, general public, South Korea, 1996

**Sample:** Probability stratified sample

**Non-Response:** not rep

**N:** 1000

### Measured Correlate

**Class:** Attitudes to social inequality   Code: N 6.6.3

**Measurement:** perception of the degree of general equality in various aspects of contemporary Korean society

### 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/5/f</td>
<td>$r=+.05$ ns</td>
<td>Beta controlled for: demographic variables</td>
</tr>
<tr>
<td></td>
<td>$B=+.06$ ns</td>
<td>- age</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- education</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- married</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- never married</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- gender</td>
</tr>
<tr>
<td></td>
<td></td>
<td>objective socioeconomic status variables</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- household income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- household income divided by the number of household members</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- future income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- white collar occupation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- housing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>subjective socioeconomic status variables</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- perception of income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- social class position</td>
</tr>
</tbody>
</table>

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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)  
Page 109 of 145
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

<table>
<thead>
<tr>
<th>Study</th>
<th>PEIL 1984</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Peil, M.</td>
</tr>
<tr>
<td>African urban life: components of satisfaction in Sierra Leone</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>640</td>
</tr>
<tr>
<td>Non-Response:</td>
<td>5% (on some items up to 60%)</td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Attitudes to social inequality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>N 6.6.3</td>
</tr>
<tr>
<td>Measurement:</td>
<td>Direct question about &quot;chances of success&quot;: education/wage, employment in a prestigious job, membership in an &quot;advanced&quot; ethnic group</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-SLW/u/sq/l/7/a</td>
<td>r = +</td>
<td>Males r = +.35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Females r = +.28</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 110 of 145
### Findings on Happiness & ATTITUDES TO THE NATION

**Correlate Code:** N 6

#### Study

**LEVY 1975/2**

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

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

- **Sample:**

- **Non-Response:** -

- **N:** 1830

#### Measured Correlate

- **Class:** Attitudes to position of the nation  Code: N 6.7
- **Measurement:** Direct closed question

#### 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/4/b</td>
<td>mc=+.25</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.20</td>
<td></td>
</tr>
</tbody>
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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)  
**Page:** 111 of 145
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

Respondents indicated (dis)agreement with the following statements:

a) The world is too complex for you (-)
b) Only scientists understand how the world works (-)
c) You cannot make sense of what's going on in the world (-)
d) Most cultures are so strange that you cannot understand them (-)
e) It is worthwhile to understand the world you live in (+)
f) It is hard to predict what will happen next in society (-)

Items with (-) are reverse scored on scale ranging from 1. strongly disagree 2. moderately disagree 3. slightly disagree 4. slightly agree 5. moderately agree 6. strongly agree

KEYES 1998

Reported in: Keyes, C.L.
Social Well-Being
Social Psychology Quarterly 1998, Vol. 61, 121-140

Population: 18 + aged, Dane County, Wisconsin USA, 1994
Sample: Probability simple random sample
Non-Response: 37%
N: 373

Measured Correlate

Class: Attitudes to culture in the nation Code: N 6.8
Measurement: Respondents indicated (dis)agreement with the following statements:
a) The world is too complex for you (-)
b) Only scientists understand how the world works (-)
c) You cannot make sense of what's going on in the world (-)
d) Most cultures are so strange that you cannot understand them (-)
e) It is worthwhile to understand the world you live in (+)
f) It is hard to predict what will happen next in society (-)

Items with (-) are reverse scored on scale ranging from 1. strongly disagree 2. moderately disagree 3. slightly disagree 4. slightly agree 5. moderately agree 6. strongly agree

Measured Values: M = 28.3  SD = 6.4

Error Estimates: Metric Loading ranging from .92 to 1.3
Validity Coefficients ranging from .43 to .55
Alpha Reliability .77

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLu/h/sq/v/4/a  r=+.16  p<.01
O-SLW/cm/sq/v/4/a  r=+.20  p<.01

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 112 of 145
**Study**  
**LEVY 1975/1**  
*Reported in:* Levy, S. & Guttman, L.  
On the multivariate structure of well-being  
*Population:* 18+ aged, general public, urban areas, Israel, 1973  
*Sample:*  
*Non-Response:* -  
*N:* 1940

---

**Measured Correlate**  
*Class:* Satisfaction with supply of mass-media  
*Measurement:* Closed question ranging from 'very unsatisfied' to 'very satisfied'.  
*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

---

**Observed Relation with Happiness**  
*Happiness Query*  
*Statistics*  
*Remarks*  
O-HL/c/sq/?/6/a mc=+.02
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study: RAHTZ 1988

Reported in: Rahtz, D.R., Sirgy, M.J. & Meadow, H.L.
Elderly life satisfaction and television viewership: replication and extension.
Winter Educators' Conference.

Population: 60+ aged, mid-Atlantic region, USA, 1986
Sample: Probability systematic sample
Non-Response: 84%
N: 752

Measured Correlate

Class: Satisfaction with supply of mass-media Code: N 6.8.1

Measurement: Of 4 items, each judged on a 6-point Likert-type agreement/disagreement scale, the self-reported scores were pooled. The items:
(a) "Television shows life as it is" (+)
(b) "Television shows older people the way they really are" (+)
(c) "Television gives useful information about health" (+)
(d) "I pay very close attention to television advertisements about health" (+)

Measured Values:

Error Estimates: From Cronbach Alpha reliability coefficient = .64, a moderate level of reliability was judged to be adequate for this belief cultivation measure.

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-DT/sqt/v7/a  r=-.06  p<.05  95 % confidence interval for rho [-.02; +.13] Recalculation shows non-significance.
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

Study

<table>
<thead>
<tr>
<th>Study</th>
<th>NOELL 1988</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Noelle-Neumann, E.</td>
</tr>
<tr>
<td>National Gefuehl und Glueck</td>
<td></td>
</tr>
<tr>
<td>Deutsche Verlags-Anstalt, Stuttgart</td>
<td></td>
</tr>
<tr>
<td>Germany, 1988</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, Europe, 1981-82</td>
</tr>
<tr>
<td>Sample:</td>
<td>Probability multi-stage cluster sample</td>
</tr>
<tr>
<td>Non-Response:</td>
<td>not reported</td>
</tr>
<tr>
<td>N:</td>
<td>12000</td>
</tr>
</tbody>
</table>

Measured Correlate

| Class: | Identification with one's country |
| Measurement: | Single question: |
| | "Are you proud of nationality?" |
| | 3 very proud |
| | 2 fairly proud |
| | 1 not very proud/not at all proud |

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/10/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>All 18+ aged</td>
</tr>
<tr>
<td>tc=+.14 p&lt;.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G=+.23 p&lt;.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>tc=+.17 p&lt;.01</td>
<td>Young only (&gt;30)</td>
<td></td>
</tr>
</tbody>
</table>

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 115 of 145
**Study**  
HARDI 1985  
*Reported in:* Harding, Stephen  
Values and the nature of psychological well-being  
Abrams, M. & Gerard, D. & Timms, N. eds., Values and social change in Britain,  

*Population:* 18+ aged, general public, Britain, 1983

*Sample:* 

*Non-Response:* ?

*N:* 1231

---

**Measured Correlate**

*Class:* Willingness to fight for country  
Code: N 6.9.2

*Measurement:* Single direct question:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No</td>
</tr>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*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>A-BB/cm/mq/v/2/a</td>
<td>DM=+</td>
<td>yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>no</td>
</tr>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>G=+.03  ns</td>
<td>yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>no</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/10/aa</td>
<td>DM=+</td>
<td>yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>no</td>
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<tr>
<td></td>
<td>DM=+</td>
<td>yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>no</td>
</tr>
</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION

**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:* Willingness to fight for country  Code: N 6.9.2

*Measurement:*

Single direct question:
0 No
1 Yes

*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>G=+.03 ns</td>
<td>yes 40% very happy</td>
</tr>
<tr>
<td></td>
<td>tc=+.08 ns</td>
<td>no 36%</td>
</tr>
</tbody>
</table>

Study | ANDRE 1976/1
---|---
Reported in: | Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976. New York, USA
Population: | 18+ aged, general public, non-institutionalized, USA, 1972/75
Sample: |
Non-Response: | 24%
N: | 1297

**Measured Correlate**

- **Class:** Satisfaction with media  
  Code: N 6.3.6
- **Measurement:**  
  Index of questions: "How do you feel about...?"  
  1. entertainment  
  2. information from TV, radio, newspapers, etc.  
  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>
</table>
| O-DT/u/sqt/v/7/a | $E^2=+.15$ | Males: $\eta=+.22$  
Females: $\eta=+.12$ |
Findings on Happiness & ATTITUDES TO THE NATION  Correlate Code: N 6

<table>
<thead>
<tr>
<th>Study</th>
<th>ANDRE 1976/3</th>
<th>Page in Report: 156</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Andrews, F.M. &amp; Withey, S.B.</td>
<td></td>
</tr>
<tr>
<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
<td>Plenum Press, 1976, New York, USA</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non institutionalized, USA, 1972/11</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>38%</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>1072</td>
<td></td>
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</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Satisfaction with media  Code: N 6.3.6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Closed question: &quot;How do you feel about the information and entertainment you get from TV, newspapers, radio, magazines?&quot; Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted</td>
</tr>
<tr>
<td>Measured Values:</td>
<td></td>
</tr>
<tr>
<td>Error Estimates:</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td></td>
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</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/n/7/a</td>
<td>r=+.15</td>
<td></td>
</tr>
<tr>
<td>O-SLW/u/sq/t/101/a</td>
<td>r=+.11</td>
<td></td>
</tr>
<tr>
<td>Study</td>
<td>ANDRE 1976/3</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>----------------</td>
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<tr>
<td>Reported in:</td>
<td>Andrews, F.M. &amp; Withey, S.B.</td>
<td></td>
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<tr>
<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
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<td></td>
</tr>
<tr>
<td>Plenum Press, 1976, New York, USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non institutionalized, USA, 1972/11</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
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<td>Non-Response:</td>
<td>38%</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>1072</td>
<td></td>
</tr>
</tbody>
</table>

### Measured Correlate

- **Class:** Satisfaction with media  
  Code: N 6.3.6
- **Measurement:**
  Closed question: "How do you feel about the information and entertainment you get from TV, newspapers, radio, magazines?"
  Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted
- **Measured Values:**
- **Error Estimates:**
- **Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>$E^2=+.17$</td>
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</tbody>
</table>
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

**Study**

**ANDRE 1976/5**

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

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

*Sample:

*Non-Response:*

*N: 222*

---

**Measured Correlate**

*Class:*
Satisfaction with media Code: N 6.3.6

*Measurement:*
3-item index of questions "How do you feel about...?"
1. the entertainment you get from TV, radio, movies and local events and places
2. the information you get from newspapers, magazines, TV and radio
3. the information and entertainment you get from TV, radio, newspapers and magazines
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>A-BB/cm/mq/v/2/a</td>
<td>r=.14</td>
<td></td>
</tr>
<tr>
<td>O-BW/cy/sq/l/9/a</td>
<td>r=.14</td>
<td></td>
</tr>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>r=.21</td>
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<tr>
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<tr>
<td>O-HL/u/sq/v/7/b</td>
<td>r=.22</td>
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<tr>
<td>O-SLW/u/sq/f/7/a</td>
<td>r=.11</td>
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</table>

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Findings on Happiness & ATTITUDES TO THE NATION

**Code: N 6**

**Index of closed questions, asked in different samples:**

1. the entertainment you get from TV, radio, movies, and local events and places (asked in July 1973)
2. the information you get from newspapers, magazines, TV, and radio (asked in July 1973)
3. the information and entertainment you get from TV, radio, newspapers, magazines (asked in November 1972 and July 1973)

Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted

---

**Measured Correlate**

**Class:** Satisfaction with media  **Code: N 6.3.6**

**Measurement:**

Index of closed questions, asked in different samples: “How do you feel about..."

1. the entertainment you get from TV, radio, movies, and local events and places (asked in July 1973)
2. the information you get from newspapers, magazines, TV, and radio (asked in July 1973)
3. the information and entertainment you get from TV, radio, newspapers, magazines (asked in November 1972 and July 1973)

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=+.19
<table>
<thead>
<tr>
<th>Study</th>
<th>LEVY 1975/1</th>
</tr>
</thead>
</table>
| Reported in: | Levy, S. & Guttman, L.  
On the multivariate structure of well-being  
| Population: | 18+ aged, general public, urban areas, Israel, 1973 |
| Sample: | |
| Non-Response: | - |
| N: | 1940 |

**Measured Correlate**

| Class: | Satisfaction with media  
Code: N 6.3.6 |
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Closed question ranging from 'very unsatisfied' to 'very satisfied'.</td>
</tr>
<tr>
<td>Measured Values:</td>
<td></td>
</tr>
<tr>
<td>Error Estimates:</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td></td>
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</tbody>
</table>

**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/4/b</td>
<td>mc=-.08</td>
<td></td>
</tr>
</tbody>
</table>
Appendix 1 Queries on Happiness used in reported Studies

Happiness Query Code Full Text

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

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

A-AOL/m/sq/v/5/a Single direct question:

'How are you feeling now....?'
5 very good
4 good
3 neither good nor poor
2 poor
1 very poor

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

A-BB/cm/mg/v/2/a Selfreport on 10 questions:

"During the past few weeks, did you ever feel ....?" (yes/no)

A Particularly exited or interested in something?
B So restless that you couldn't sit long in a chair?
C Proud because someone complimented you on something you had done?
D Very lonely or remote from other people?
E Pleased about having accomplished something?
F Bored?
G On top of the world?
H Depressed or very unhappy?
I That things were going your way?
J Upset because someone criticized you?

Answer options and scoring:

yes = 1
no = 0

Summation:
-Positive Affect Score (PAS): A+C+E+G+I
-Negative Affect Score (NAS): B+D+F+H+J
-Affect Balance Score (ABS): PAS minus NAS
Possible range: -5 to +5

Name: Bradburn's 'Affect Balance Scale' (standard version)
Selfreport on 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

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)

Selfreport on 13 questions:

"During the past month, did you ever feel.....?"
A. Excited 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. Excited 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
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)

C-RG/h/sq/l/11/a Selfreport on single question:
"How would you rate yourself as to how successful or unsuccessful you have been in terms of achieving your own goals and aims in life? Think of the top of the ladder as being completely successful, the bottom being entirely unsuccessful."
[ 10 ] completely successful
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ]
[ 0 ] entirely unsuccessful

M-AO/u/mq/*/0/a Selfreport on 2 questions:
A “Taking all things together, how would you say things are these days? Would you say you are.....?”
1 not too happy
2 pretty happy
3 very happy

B “How often do you feel that you are really enjoying life.....?”
1 rarely
2 now and than
3 fairly often
4 all the time

Summation: factor score

M-CO/u/mq/v/7/a Selfreport on 3 questions:
A How do you feel about what you are accomplishing in life?
B How do you feel about your life as a whole?
C In general, how happy would you say you are these days?
Answer options:
7 completely satisfied
6 very satisfied
5 satisfied
4 satisfied - dissatisfied
3 dissatisfied
2 very dissatisfied
1 completely dissatisfied
Possible range 3 - 21
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 you personally stand at the present time?"

[ 10 ] best possible life
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] worst possible life

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.

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:

"Which face comes closest to expressing feeling about life as a whole?", 7 delighted
6 very satisfying
5 satisfying
4 mixed
Findings on Happiness & ATTITUDES TO THE NATION

Correlate Code: N 6

3 dissatisfying
2 very dissatisfying
1 terrible
- No opinion

Name: Andrews & Withey's "Delighted-Terrible Scale" (modified version)
O-DT/u/sq/t/v/7/a Selfreport on single question, asked twice in interview:

"How do you feel about your life as a whole......?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed
3 mostly dissatisfied
2 unhappy
1 terrible

Summation: arithmetic mean

Name: Andrews & Withey's "Delighted-Terrible Scale" (original version)
O-DT/u/sq/t/v/9/a Selfreport on single question asked twice

'How do you feel about your life as a whole?'
1 terrible
2 very unhappy
3 unhappy
4 mostly dissatisfied
5 mixed feelings
6 mostly satisfied
7 pleased
8 very pleased
9 delighted

O-HL/c/sq/7/6/a Selfreport on single question:

"Generally speaking, are you happy these days......?"
6 very happy
5
4
3
2
1 very unhappy
(Response options not fully reported)

O-HL/c/sq/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
Findings on Happiness & ATTITUDES TO THE NATION

1 not too happy

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

"Taking all things together, how would you say thing are these days? Would you say you are...?"
3 very happy
2 fairly happy
1 not too happy

O-HL/c/sq/v/4/b
Selfreport on single question:

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

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

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

"Taking all things together, how would you say you are these days.....?"
5 extremely happy
4 very happy
3 happy
2 pretty happy
1 not too happy

In Dutch:
"Hoe gelukkig voelt u zich alles bij elkaar genomen op het ogenblik?"
e buitengewoon gelukkig
d zeer gelukkig
c gelukkig
b tamelijk gelukkig
a niet zo gelukkig

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

"Taking all things together, do you feel happy these days....?"
5 very happy
4 somewhat happy
3 so so
2 somewhat not happy
1 not happy at all

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

'How happy are you now?'
5 very happy
4 happy
Findings on Happiness & ATTITUDES TO THE NATION

3 neither happy nor unhappy
2 unhappy
1 very unhappy

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

Selfreport on single question:
"Generally speaking, how happy would you say you are.....?"
3 very happy
2 fairly happy
1 not too happy

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.

Selfreport on single question:
"How do you feel how happy you are.....?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed (about equally satisfied and dissatisfied)
3 mostly
2 unhappy
1 terrible

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 lop het ogenblik leidt.....?"
a niet zo tevreden
b tamelijk tevreden
c tevreden
d zeer tevreden
e buitengewoon tevreden

Selfreport on single question:
"Some people seem to be quite happy and satisfied with their lives, while others seem quite unhappy and dissatisfied. Now look at this ladder (again). Suppose that a person who is entirely satisfied with his life would be at the top of the ladder and a person who is extremely dissatisfied with his life would be at the bottom of the ladder. Where would you put yourself on the ladder at the present stage of your life in terms of how satisfied or dissatisfied you are with your personal life?"

<table>
<thead>
<tr>
<th>Rating</th>
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<tbody>
<tr>
<td>10</td>
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<td>3</td>
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<td>2</td>
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<tr>
<td>1</td>
</tr>
</tbody>
</table>

Name Cantril ladder rating (modified version)

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/h/sq/v/4/a  Selfreport on single question:

Ss were asked to pretend for a moment that their life would end next weekend then indicate how happy they felt about the life they been able to live. (Full question not reported)

4 very satisfied
3 somewhat satisfied
2 a little satisfied
1 not at all 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
Findings on Happiness & ATTITUDES TO THE NATION Correlate Code: N 6

[  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  completely satisfied
2
3
4
5
6
7
8
9
10 satisfied

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"

[  0  ] completely dissatisfied

O-SLW/c/sq/n/7/a Selfreport on single question:

Original text in German:
"Was meinen Sie, wie zufrieden sind Sie gegenwärtig - alles in allem - heute mit Ihrem Leben ? Wenn Sie zum Beispiel mit Ihrem Leben heute ganz und gar zufrieden sind, geben Sie bitte die ‘10’ an.Wenn Sie mit Ihrem Leben heute ganz und gar unzufrieden sind, geben Sie ’0’ an.Wenn Sie weder ganz und gar zufrieden noch ganz und gar unzufrieden sind, dann ordnen Sie sich irgendwo zwischen ’1’und ’9’ ein.”
"We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?"

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

Selfreport on single question:

"Finally, will you consider some other aspects of your life at the present moment, and indicate how satisfied you feel about each in turn....... Taking everything together, your life -as-a-whole- these days.......?"

1  I'm extremely dissatisfied
2  I'm very dissatisfied
3  I'm moderately dissatisfied
4  I'm not sure
5  I'm moderately satisfied
6  I'm very satisfied
7  I'm extremely satisfied

Selfreport on single question

'....satisfied with global life right now....'

( full question not reported)

4  very satisfied
3  somewhat satisfied
2  a little satisfied
1  not at all satisfied

Selfreport on single question:

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

Rated on pictorial scale, consisting of seven faces varying from smiles to frowns.

7  smiling cheerful face
6
5
4  neutral face
3
2
1  frowning depressed face

(Pictures not reproduced here)

Selfreport on single question:

"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
“Where would you put your life as a whole on a feeling thermometer?”
Rated on ‘thermometer scale’ (in grades)
0 degrees: very cold, negative
10
20
30
40
50
60
70
80
90
100 very warm, positive

Selfreport 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>
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</table>
| **B**  | REGRESSION COEFFICIENT (non-standardized)  
Type: test statistic  
Measurement level: Correlate: metric, Happiness: metric  
Theoretical range: unlimited  
Meaning:  
B > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.  
B < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.  
B = 0 « not any correlation with the relevant correlate. |
| **Beta** | (8) STANDARDIZED REGRESSION COEFFICIENT  
Type: test statistic.  
Measurement level: Correlates: all metric, Happiness: metric.  
Range: [-1 ; +1]  
Meaning:  
beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.  
beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.  
beta = 0 « no correlation.  
beta = +1 or -1 « perfect correlation. |
| **DM** | DIFFERENCE of MEANS  
Type: descriptive statistic only.  
Measurement level: Correlate: dichotomous, Happiness: metric  
Range: depending on the happiness rating scale of the author; range symmetric about zero.  
Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels. |
| **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 E² x 100 % of the variation in happiness.  
E² = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating. |
E² = 1 « 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:
\( G = 0 \) « no rank correlation
\( G = +1 \) « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.
\( G = -1 \) « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.

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

\( r \)
PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')
Type: test statistic.
Measurement level: Correlate: metric, Happiness: metric
Range: \([-1; +1]\)

Meaning:
\( r = 0 \) « no correlation,
\( r = 1 \) « perfect correlation, where high correlate values correspond with high happiness values, and
\( r = -1 \) « perfect correlation, where high correlate values correspond with low happiness values.

SNR
Statistic Not Reported

\( \beta \)
PATH COEFFICIENT OBTAINED IN A LISREL MODEL.
Range: unlimited, but seldom exceeds \([-1, +1]\).

In the Catalogue of Correlational Findings, this statistic or statistical procedure occurs very rarely only.
The reader is referred to the excerpted publication for detailed information or for further reference.

\( \tau \)
GOODMAN & Kruskal's TAU
Type: descriptive statistic only.
Measurement level: Correlate: nominal, Happiness: ordinal
Range: \([0; +1]\)

Meaning:
\( \tau = 0 \) « 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.
KENDALL’S TAU-C (Also referred to as Stuart's tau-c)

Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
- $t_c = 0 \Rightarrow$ no rank correlation
- $t_c = 1 \Rightarrow$ perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
- $t_c = -1 \Rightarrow$ perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

On the web you will find a text explaining the statistics used in more detail. Go to: www.eur.nl/fsw/research/happiness/hap_cor/cor_fp.htm. This is the introductory text to the Catalog of Correlational Findings. An overview of all statistics is in chapter 4.
**Appendix 3: About the World Database of Happiness**

The World Database of Happiness is an ongoing register of scientific research on subjective appreciation of life. It brings together findings that are scattered throughout many studies and provides a basis for synthetic analysis. The research literature is processed as follows:

- **Literature on happiness**
  - Selection on subject
  - Bibliography (1)
  - Directory (2)
  - Selection of empirical studies
  - Happiness Queries (3)
  - Testbank
  - Abstracting and classification of findings

- **Distributional Findings**
  - How happy people are
  - Happiness in Nations (4)

- **Correlational Findings**
  - What goes with happiness
  - 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.
5. **CATALOG OF HAPPINESS IN PUBLICS** Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.
## Appendix 4  Further Findings in the World Database of Happiness

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<tr>
<th>Main Category’s</th>
<th>Category Name</th>
<th>Number of Studies in this Category</th>
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<td>A 6</td>
<td>ANOMY</td>
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<td>A 7</td>
<td>APPEARANCE (good looks)</td>
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### Appendix 5  Related Topics

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End of Report