## Correlation Code: H 6

### Classification of Findings

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Appendix 1: Happiness queries used
Appendix 2: Statistics used
Appendix 3: About the World Database of Happiness
Appendix 4: Further Findings in the World Database of Happiness
Appendix 5: Related Topics

Cite as: Veenhoven, R.: Findings on Happiness & HAPPINESS: CURRENT LEVEL
World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness
Erasmus University Rotterdam, 2003, Netherlands
**Study**  
**Reported in:** Venteogd, 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:** HAPPINESS: CURRENT LEVEL  
**Code:** H 6  
**Measurement:**  
*Single question:*  
"How happy are you at present?"  
1: very unhappy  
2: unhappy  
3: neither happy nor unhappy  
4: happy  
5: very happy  

**Measured Values:**  
N: all:1479, 1:8, 2:31, 3:500, 4:687, 5:253  

**Error Estimates:**  

### Observed Relation with Happiness

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<th>Statistics</th>
<th>Remarks</th>
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| A-AOL/m/sq/v/5/a | $r = +.61$ | $p < .00$  
1: $Mt = 1.56$  
2: $Mt = 2.74$  
3: $Mt = 6.63$  
4: $Mt = 8.25$  
5: $Mt = 9.45$  
All: $Mt = 7.76$ |
| O-SLu/c/sq/v/5/e | $r = +.68$ | $p < .00$  
1: $Mt = 0.94$  
2: $Mt = 2.58$  
3: $Mt = 6.16$  
4: $Mt = 7.94$  
5: $Mt = 9.40$  
All: $Mt = 7.44$ |
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: HAPPINESS: CURRENT LEVEL  Code: H 6
Measurement: Single question:
"How satisfied are you with your life at present?"
1: very dissatisfied
2: dissatisfied
3: neither/nor
4: satisfied
5: very satisfied

Measured Values: N: all:1478, 1:12, 2:69, 3:238, 4:783, 5:376

Error Estimates:

Observed Relation with Happiness

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<th>Statistics</th>
<th>Remarks</th>
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<td>A-AOL/m/sq/v/5/a</td>
<td>r=+.72  p&lt;.00</td>
<td>1: Mt=1.66  2: Mt=3.80  3: Mt=6.14  4: Mt=7.96  5: Mt=9.53  All Mt=7.76</td>
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<td>r=+.68  p&lt;.00</td>
<td>1: Mt=1.93  2: Mt=4.13  3: Mt=5.48  4: Mt=6.86  5: Mt=8.71  All Mt=6.94</td>
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Measured Correlate

Class: HAPPINESS: CURRENT LEVEL  Code: H 6

Measurement:

Single question: "How are you feeling at present?"

1: very bad
2: bad
3: neither/nor
4: bad
5: very bad

Measured Values:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-HL/c/sq/v/5/h      r=+.61  p<.00  
1: Mt=2.50
2: Mt=3.95
3: Mt=5.46
4: Mt=6.74
5: Mt=8.25
All Mt=6.94

O-SLu/c/sq/v/5/e     r=+.72  p<.00  
1: Mt=2.00
2: Mt=3.11
3: Mt=5.50
4: Mt=7.34
5: Mt=8.96
All Mt=7.44
### Study
**VENTE 1996**

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

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

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

**Non-Response:** 39%

**N:** 4500

---

### Measured Correlate

**Class:** HAPPINESS: CURRENT LEVEL  
**Code:** H 6

**Measurement:** Single question: "How happy are you at present?"  
1: very unhappy  
2: unhappy  
3: neither happy/nor unhappy  
4: happy  
5: very happy

**Measured Values:**  
N: All: 4606; %: 1: 0.7; 2: 3.1; 3: 31.4; 4: 44.3; 5: 20.5

**Error Estimates:**

**Remarks:** This question is the same as the third happiness-measure with code: O-HL/c/sq/v/5/h  
Not astonishing the correlation with itself is 1.00

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### Observed Relation with Happiness

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<th>Statistics</th>
<th>Remarks</th>
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| A-AOL/m/sq/v/5/a | r = +.66  p < .00 | 1: Ms = 0.96  
2: Ms = 3.10  
3: Ms = 6.46  
4: Ms = 8.24  
5: Ms = 9.49 |

This question is the same as the third happiness-measure with code: O-HL/c/sq/v/5/h  
Not astonishing the correlation with itself is 1.00

| O-HL/c/sq/v/5/h | r = 1.0  p < .00 | 1: Ms = 0.00  
2: Ms = 2.50  
3: Ms = 5.00  
4: Ms = 7.50  
5: Ms = 10.00 |

| O-SLu/c/sq/v/5/e | r = +.72  p < .00 | 1: Ms = 1.13  
2: Ms = 3.04  
3: Ms = 5.89  
4: Ms = 7.94  
5: Ms = 9.51 |
**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:** HAPPINESS: CURRENT LEVEL  
Code: H 6  
**Measurement:** Single question:  
"How satisfied are you with your life at present?"  
1: very dissatisfied  
2: dissatisfied  
3: neither/nor  
4: satisfied  
5: very satisfied  
**Measured Values:**  
N: 4611; %: 1:1.0; 2:6.8; 3:15.3; 4:48.5; 5:28.5  
**Error Estimates:**

### Observed Relation with Happiness

**Happiness Query** | **Statistics** | **Remarks**
--- | --- | ---
A-AOL/m/sq/v/5/a | $r = +.76$, $p < .00$  
1: $M_s = 1.63$  
2: $M_s = 4.16$  
3: $M_s = 5.94$  
4: $M_s = 7.86$  
5: $M_s = 9.55$  
This question is the same as the second happiness-measure with code:  
O-Slu/c/sq/v/5/e  
Not astonishing the correlation with itself is 1.00

O-HL/c/sq/v/5/h | $r = +.72$, $p < .00$  
1: $M_s = 1.90$  
2: $M_s = 4.31$  
3: $M_s = 5.28$  
4: $M_s = 6.98$  
5: $M_s = 8.85$  
Not astonishing the correlation with itself is 1.00

O-SLu/c/sq/v/5/e | $r = +1.0$, $p < .00$  
1: $M_s = 0.00$  
2: $M_s = 2.50$  
3: $M_s = 5.00$  
4: $M_s = 7.50$  
5: $M_s = 10.00$
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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:  HAPPINESS: CURRENT LEVEL  Code: H 6
Measurement:  Single question:
"How are you feeling at present?"
1: very bad
2: bad
3: neither/not
4: good
5: very good

Measured Values:
N:  All:4613;  %:1:0,7;  2:4,6;  3:14,3;  4:45,3;  5:35,1

Error Estimates:

Remarks:  This question is the same as the first happiness-measure with code:
A-AOL/m/sq/v/5/a
Not astonishing the correlation with itself is 1.00

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-AOL/m/sq/v/5/a  r=+.1.0  p<.00  1:  Ms =0.00  This question is the same as the first happiness-measure with code:
2:  Ms =2.50
3:  Ms =5.00
4:  Ms =7.50
5:  Ms =10.00

O-HL/c/sq/v/5/h  r=+.66  p<.00  1:  Ms =1.44
2:  Ms =4.11
3:  Ms =5.24
4:  Ms =6.83
5:  Ms =8.50

O-SLu/c/sq/v/5/e  r=+.76  p<.00  1:  Ms =1.21
2:  Ms =3.24
3:  Ms =5.04
4:  Ms =7.36
5:  Ms =9.13
As a happiness measure this question correlates highly with other happiness measures.
### Study

**HEADE 1982/1**

**Reported in:** Headey, B.; Holström, E.; Wearing, A.J.
Australians’ Priorities Satisfactions and Well-being: Methodological Issues
Monograph in Public Policy Studies, nr.8, University of Melbourne, 1982, Australia

**Population:** Adults, general public, Melbourne, Australia, followed from 1978 to 1981 (selected from 1981 "mini"-panel: 184 of the 555 of the 1978 Melbourne metropolitan survey)

**Sample:** Probability simple random sample

**Non-Response:** 0

**N:** 31

### Measured Correlate

**Class:** Overall happiness by overall happiness Code: H 6.1.1

**Measurement:** Self-report on single question asked twice: How do you feel about your life as a whole?; scored on the 1-9 D-T scale

**Measured Values:**

**Error Estimates:**

**Remarks:** only 23 of 31 respondents interviewed were available for scores of the survey

### 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/i/v/9/a</td>
<td>r=+.43 p&lt;.05</td>
<td>Self-rating (from survey) by coder(1)-rating (from interview) both on the same 1-9 D-T scale</td>
</tr>
<tr>
<td></td>
<td>r=+.33 ns</td>
<td>only 23 of 31 respondents interviewed were available for scores of the survey</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 12 of 303
Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
<thead>
<tr>
<th>Study</th>
<th>ANDRE 1976/1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Andrews, F.M. &amp; Withey, S.B.</td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non-institutionalized, USA, 1972/75</td>
</tr>
<tr>
<td>Sample:</td>
<td>1297</td>
</tr>
<tr>
<td>Non-Response:</td>
<td>24%</td>
</tr>
</tbody>
</table>

**Measured Correlate**

- **Class:** . HAP 1 by HAP 2 Code: H 6.1.1.2
- **Measurement:** Closed question, rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?" (HAPP 1.1)

**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 = +.53</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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:* HAP 1 by HAP 2 Code: H 6.1.1.2

*Measurement:* Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?" (HAPP 1.1)

*Measured Values:* 

*Error Estimates:* 

*Remarks:* 

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.49</td>
<td></td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 14 of 303
### Study  ANDRE 1976/3

**Reported in:** Andrews, F.M. & Withey, S.B.  
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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:** . HAP 1 by HAP 2 Code: H 6.1.1.2

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### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O-SLL/c/sq/v/3/a</td>
<td>r=+.55</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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<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></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, 1972/11</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>
</tr>
</tbody>
</table>

### Measured Correlate

| Class: | . HAP 1 by HAP 2 Code: H 6.1.1.2 |
| Measurement: | Closed question rated on a 3-point scale: "In general, how satisfying do you find the way you're spending your life these days? Would you call it completely satisfying, pretty satisfying, or not very satisfying?" (HAPP 2.1b) |

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>r=.55</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 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:* . HAP 1 by HAP 2 Code: H 6.1.1.2

*Measurement:* Closed question: "How satisfied are you with your life as a whole these days?", Rated on a 7-point scale ranging from completely satisfied to completely dissatisfied. (HAPP 2.1a)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>r=+.49</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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, Winconsin USA, 1974

*Sample:

*Non-Response:*

*Measured Values:*

*N:* 548

**Measured Correlate**

*Class:* HAP 1 by HAP 2 Code: H 6.1.1.2

*Measurement:* Single closed question rated on a 7-point scale: In general, how happy would you say you are these days, would you say you are: extremely happy / very happy / pretty happy / not too happy / a bit unhappy / pretty unhappy / very unhappy? (HAPP 1.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/v/7/b</td>
<td>r=.40</td>
<td>p&lt;.05</td>
</tr>
</tbody>
</table>
**Findings on Happiness & HAPPINESS: CURRENT LEVEL**

**Correlate Code: H 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:* . HAP 1 by HAP 2 Code: H 6.1.1.2

*Measurement:* Single closed question rated on a 7-point scale: How do you feel about your life as a whole, do you feel: completely satisfied / very satisfied / satisfied / satisfied-dissatisfied / dissatisfied / very dissatisfied / completely dissatisfied? (HAPP 2.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

*Happiness Query*  
O-HL/c/sq/v/7/a

*Statistics*  
r=+.40  p<.05

---

World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)
### Study: CAMPB 1976

**Reported in:** Campbell, A., Converse, P.E. & Rodgers, W.L.  
The Quality of American life  
Russell Sage Foundation, New York, 1976

**Population:** 18+ aged, general public, non-institutionalized USA, 1971

**Sample:**

<table>
<thead>
<tr>
<th>Non-Response:</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>N:</td>
<td>2164</td>
</tr>
</tbody>
</table>

**Measured Correlate**

**Class:** . HAP 1 by HAP 2 Code: H 6.1.1.2

**Measurement:** Single direct question: "Taking all together, how happy would you say you are? Very happy, pretty happy, or not too happy?" (HAPP 1.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query** | **Statistics** | **Remarks**
--- | --- | ---
O-SLW/c/sq/n/7/a | $r = .50$ |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study: CLEME 1980/3

Reported in: Clement, F.
Variation of several characteristics of personality in function, especially age, sexe

Population: Adult women, France, 1975

Sample:

Non-Response: 1893

N:

Measured Correlate

Class: . HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement: Self rating on an open scale. Placer une croix, sur chaque ligne, a l'endroit que vous estimez etre celui qui correspond le mieux a votre etat, par rapport aux definitions proposees;

Je ne suis pas tout a fait satisfait
Je suis tres satisfait

(Place a cross, on each line, on the place you estimate to be that correspond the best with your state, in reference to the proposed definitions; I am not very satisfied - I am not too satisfied - I am quite satisfied).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/u/sq/ol/9/a r=.50 p<.001
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study

**GEHMA 1992A1**

**Reported in:** Gehmacher, E.
Coping, happiness and ideology.
Paper presented at the international sociological conference ‘Toward the good society’, Rotterdam, July 1992

**Population:** 16+ aged, general public, Austria, 1989

**Sample:**

**Non-Response:** ?

**N:** 2000

---

**Measured Correlate**

**Class:** . HAP 1 by HAP 2 Code: H 6.1.1.2

**Measurement:** Single direct question: "Taking your life as a whole, are you
1. very satisfied
2. quite satisfied
3. more satisfied than discontented
4. more discontented than satisfied
5. quite dissatisfied (HAP 2.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/d</td>
<td>r=+.67</td>
<td></td>
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</table>

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
**HALMA 1987**


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

*Sample:*

*N:* 12464

---

**Measured Correlate**

*Class:* HAP 1 by HAP 2 Code: H 6.1.1.2

*Measurement:* Direct question, rated on a 10-point scale with higher numbers indicating higher satisfaction: "How satisfied or dissatisfied are you with your life as a whole now?". (HAPP 2.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>r=+.59</td>
<td>EC · only</td>
</tr>
<tr>
<td>Study</td>
<td>LEE 1982</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td><strong>Reported in:</strong></td>
<td>Lee Hongkoo, Kyong-Dong Kim, and Doh C. Shin</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Perceptions of quality of life in an industrializing country: the case of the republic of</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Parents with unmarried children at home, South Korea, 1980</td>
<td></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>N: 1500</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>HAP 1 by HAP 2 Code: H 6.1.1.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Single direct question rated on a 0-10 point scale ranging from 'not at all satisfied' to 'completely satisfied'. (HAPP 2.1)</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-H?/?/sq/v/3/a</td>
<td>r=+35</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study  LEISU 1980/1  Page in Report: 41/5

Reported in:  The Leisure Development Center, 1980
A 13 country survey of values.
Table book for the 1980 International Conference on Human Values.  The Leisure Development Center, Tokyo.

Population:  18+ aged, general public, Australia, 1979

Sample:
Non-Response:
N:  1104

Measured Correlate

Class:  . HAP 1 by HAP 2  Code: H 6.1.1.2

Measurement:  Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied  (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/5/e  G=+.79  p<.01
                       tb=+.54  p<.01
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study  LEISU 1980/2  Page in Report: 99/1-3

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure
Development Center, Tokyo

Population: Adult, general public, metropolitan areas Brazil, 1979
Sample:
Non-Response:
N: 1000

Measured Correlate

Class: HAP 1 by HAP 2  Code: H 6.1.1.2
Measurement:
Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/5/e  G=+.68  p<.01
                   tb=+.51  p<.01
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

---

**Study**  
LEISU 1980/3  

*Reported in:* The Leisure Development Center.  
A 13 country survey of values  
Table book for the 1980 International Conference on Human Values, The Leisure Development Center, Tokyo  

*Population:* 18+ aged, general public, Canada, 1979  

*Sample:*  

*Non-Response:*  

*N:* 1012  

---

**Measured Correlate**

*Class:* . HAP 1 by HAP 2 Code: H 6.1.1.2  

*Measurement:* Single direct question: "Overall, how satisfied are you with your present life?"  
1. very dissatisfied  
2. fairly dissatisfied  
3. neither satisfied nor dissatisfied  
4. fairly satisfied  
5. very satisfied (HAPP 2.1)

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/e</td>
<td>G=.82</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>tb=.58</td>
<td>p&lt;.01</td>
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</tbody>
</table>

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 27 of 303
Study LEISU 1980/4

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, France, 1979

Sample:
Non-Response:
N:

Measured Correlate

Class: HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement: Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

Measured Values:
Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/5/e G=+.74 p<.01
             tb=+.50 p<.01
Findings on Happiness & HAPPINESS: CURRENT LEVEL Correlate Code: H 6

**Study**

**LEISU 1980/5**

*Reported in:* The Leisure Development Center, 1980  
A 13 country survey of values  
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo.  

*Population:* 18+ aged, general public, India, 1979  
*Sample:*  
*Non-Response:* 1000  
*N:*  

**Measured Correlate**

*Class:* . HAP 1 by HAP 2 Code: H 6.1.1.2  
*Measurement:* Single direct question: "Overall, how satisfied are you with your present life?"  
1. very dissatisfied  
2. fairly dissatisfied  
3. neither satisfied nor dissatisfied  
4. fairly satisfied  
5. very satisfied (HAPP 2.1)  

*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>
<tr>
<td>O-HL/c/sq/v/5/e</td>
<td>G=+.85</td>
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<tr>
<td></td>
<td>tb=+.67</td>
<td>p&lt;.01</td>
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</table>

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

Study LEISU 1980/6

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, Italy, 1979

Sample:

Non-Response:

N: 1042

Measured Correlate

Class: . HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement: Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/5/e G=.76 p<.01
tb=.54 p<.01
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

Study

LEISU 1980/7

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure
Development Center, Tokyo

Population: 18+ aged, general public, Japan, 1979

Sample:

Non-Response:

N: 1574

Measured Correlate

Class: . HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement: Single direct question: "Overall, how satisfied are you with your
present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/5/e G=+.81 p<.01

tb=+.58 p<.01
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study

LEISU 1980/8

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, Philippines, 1979

Sample:

Non-Response:

N: 996

Measured Correlate

Class: . HAP 1 by HAP 2  Code: H 6.1.1.2

Measurement:
Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied  (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/5/e  G=.62 p<.01
                     tb=.44 p<.01
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**LEISU 1980/9**

*Reported in:* The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

*Population:* 18+ aged, general public, Singapore, 1979

*Sample:

*Non-Response:* 1006

**Measured Correlate**

*Class:* . HAP 1 by HAP 2 Code: H 6.1.1.2

*Measurement:*

Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

*Measured Values*

*Error Estimates*

*Remarks:*

**Observed Relation with Happiness**

<table>
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<th>Statistics</th>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**LEISU1980/10**

**Reported in:** The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

**Population:** 18+ aged, general public, urban areas, South Korea, 1972

**Sample:**

**Non-Response:**

**N:** 997

**Measured Correlate**

**Class:** HAP 1 by HAP 2 Code: H 6.1.1.2

**Measurement:** Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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Study

LEISU1980/11

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, United Kingdom, 1972

Sample: 

Non-Response: 

N: 987

Measured Correlate

Class: HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement: Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/5/e G=+.88 p<.01

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Findings on Happiness & HAPPINESS: CURRENT LEVEL
Correlate Code: H 6

Study LEISU1980/12

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, USA, 1979

Sample:

Non-Response: 1127

N: 1127

Measured Correlate

Class: HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement:

Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/5/e G=+.83 p<.01
   tb=+.60 p<.01
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study

LEISU1980/13

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, West Germany, 1979

Sample:

Non-Response:

N: 1020

Measured Correlate

Class: . HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement: Single direct question: "Overall, how satisfied are you with your present life?"
1. very dissatisfied
2. fairly dissatisfied
3. neither satisfied nor dissatisfied
4. fairly satisfied
5. very satisfied (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

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

G=+.78 p<.01

tb=+.51 p<.01
### Study

**MOLLE 1988**

**Reported in:** Moller, V.  
Quality of life in retirement: a case study of zulu return migrants  
Social Indicators Research, Vol. 20, 1988, pp. 621-658

**Population:** Ex-migrant workers, returned to rural KwaZulu, South Africa, 1983

**Sample:**

**Non-Response:**

- N: 253

### Measured Correlate

**Class:** . HAP 1 by HAP 2  
Code: H 6.1.1.2

**Measurement:** Single direct question:  
Taking all together: How satisfied are you with your life as a whole these days? 1 very satisfied... 5 very dissatisfied (order reversed) (HAP 2.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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<tr>
<td>Reported in:</td>
<td>Sikkel, D.</td>
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<tr>
<td>Is tevreden ook gelukkig? (Is satisfied happy?)</td>
<td></td>
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<td>Population:</td>
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<td>Measured Values:</td>
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<td>Error Estimates:</td>
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<td>Remarks:</td>
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<tbody>
<tr>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

Study

SNIDE 1980

Reported in: Snider, E.L.
Explaining lifesatisfaction: It's the elderly's attitude that co that counts.
Social Science Quaterly, 1980, vol. 61, nr 2, p. 253-263

Population: 65+ aged, retired whites, Edmonton, Canada, 1976

Sample:

Non-Response: 10%

N: 428

Measured Correlate

Class: HAP 1 by HAP 2 Code: H 6.1.1.2

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
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<th>Statistics</th>
<th>Remarks</th>
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<td>p&lt;.001</td>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

Study  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:  
Non-Response:  
N: 590 (200 and 390)

Measured Correlate  
Class: HAP 1 by HAP 2 Code: H 6.1.1.2  
Measurement: Single question: "Taking everything together how is your life these days?" Answers scored on a seven point scale ranging from "extremely dissatisfied" (1) to "extremely satisfied" (7). (HAPP 2.1)

Measured Values:  
Error Estimates:  
Remarks:

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
O-HL/c/sq/w/3/ab  r=+.51  p<.01  controlled for age rpc=+.51  controlled for skill rpc=+.51
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

<table>
<thead>
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<th>Study</th>
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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>
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<tr>
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<td>Plenum Press, 1976, New York, USA</td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non-institutionalized, USA, 1973/7</td>
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<tr>
<td>Sample:</td>
<td></td>
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<tr>
<td>Non-Response:</td>
<td>N: 222</td>
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</tbody>
</table>

Measured Correlate

| Class:           | . HAP 1 by HAP 3 Code: H 6.1.1.3                                             |
| Measurement:     | Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?" Rated on a 3-point scale ranging from very happy (3), pretty happy (2) not too happy (1). (HAP 1.1) |
| Measured Values: |                                                                               |
| Error Estimates: |                                                                               |
| Remarks:         |                                                                               |

Observed Relation with Happiness

<table>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
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<tr>
<th>Study</th>
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<th>92</th>
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<tr>
<td>Population:</td>
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<td>Sample:</td>
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<td>Non-Response:</td>
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<td></td>
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<tr>
<td>N:</td>
<td>222</td>
<td></td>
<td></td>
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</tbody>
</table>

### Measured Correlate

| Class: | . HAP 1 by HAP 3 Code: H 6.1.1.3 |
| Measurement: | Closed question rated on a graphic scale: '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?' Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1) |
| 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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<td>O-HL/c/sq/v/3/aa</td>
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</table>

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### Study

**BULAT 1973**

**Reported in:** Bulatao, R.A.

Measures of happiness among Manila residents


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

**Sample:**

**Non-Response:** -

**N:** 941

### Measured Correlate

**Class:** . HAP 1 by HAP 3 Code: H 6.1.1.3

**Measurement:** Closed question rated on an 11-point self-anchoring scale (Cantril present personal rating: see Cantril, 1965) (HAPP 3.1).

**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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</table>
| O-HL/c/sq/v/3/f | G = +      | Males : G = +.31
|                 |            | Females : G = +.43 |
**Study**

**MATLI 1979**

*Reported in:* Matlin M.W. & Gavron V.J.

*Individual Differences in Pollyannaism*

*Journal of Personality Assessment, 1979, Vol.43, p411-412*

*Population:* University students white, middle-class, State University of New-York, USA, 197?

*Sample:

*Non-Response:*

\[ N: 133 \]

---

**Measured Correlate**

*Class:* HAP 1 by HAP 3 Code: H 6.1.1.3

*Measurement:* Single direct questions rated on 10 step Cantril Ladder of Life (HAPP 3.1)

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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<tbody>
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<td>( p &lt; .05 )</td>
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### 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:** . HAP 1 by HAP 4 Code: H 6.1.1.4

**Measurement:** Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?" (HAPP 1.1)

### 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 | mr=.55     | HAP 1.1 by HAP 4.1 asked first: $r=+.55$
|                 |            | HAP 1.1 by HAP 4.1 asked last: $r=+.54$ |

---

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**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:* 38%

*N:* 1072

**Measured Correlate**

*Class:* HAP 1 by HAP 4 Code: H 6.1.1.4

*Measurement:* Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?" (HAPP 1.1)

*Measured Values:* 

*Error Estimates:* 

*Remarks:* 

**Observed Relation with Happiness**

<table>
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<th>Happiness Query</th>
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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:* HAP 1 by HAP 4 Code: H 6.1.1.4

*Measurement:* Closed question: "How do you feel about your life as a whole?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted. (HAP 4.1; this item is part of HAP 4.2 which is the mean score of HAP 4.1 asked twice)
The interval was about 8 to 12 minutes.

*Measured Values:*

*Error Estimates:*

**Observed Relation with Happiness**

<table>
<thead>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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</table>
| O-HL/c/sq/v/3/aa| mr=+.55    | HAP 1.1 by HAP 4.1 asked first: r=+.55
|                 |            | HAP 1.1 by HAP 4.1 asked last: r=+.54 |

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World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)
### 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:* . HAP 1 by HAP 4 Code: H 6.1.1.4
*Measurement:* 
  - Index of single direct questions (HAP 4.1) asked twice during the interview.
  - Joint score is arithmetic mean of separate scores. (HAP 4.2)
*Measured Values:
*Error Estimates:
*Remarks:

### Observed Relation with Happiness

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Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 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: . HAP 1 by HAP 4  Code: H 6.1.1.4  
Measurement: Closed question scale: “How do you feel about your life as a whole?”  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 4.1)

Measured Values:  
Error Estimates:  
Remarks:  

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
O-HL/c/sq/v/3/aa  mr=-.47  
HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end.  
Correlation with HAPP 1.1 (asked once):  
HAP 4.1 asked first: r=-.50  
HAP 4.1 asked second: r=-.50  
HAP 4.1 asked third: r=-.40
**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:*

| N: | 222 |

---

**Measured Correlate**

*Class:* HAP 1 by HAP 4  
*Code: H 6.1.1.4*

*Measurement:* Closed question rated on a 3-point scale: 'Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?'  
Rated on a 3-point scale ranging from very happy (3), pretty happy (2) not too happy (1). (HAP 1.1)

**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/sq/v/7/a    | mr=.47     | HAP 4.1 asked thrice during the interview:  
at the beginning, in the middle and at the end.  
HAP 4.1 asked first: r=+.50  
HAP 4.1 asked second: r=+.50  
HAP 4.1 asked third: r=+.40  

---

*Page in Report:* 92
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: 38%
N: 1072

Measured Correlate

Class: . HAP 1 by HAP 5 Code: H 6.1.1.5
Measurement: Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you’re very happy, pretty happy, or not too happy these days?" (HAPP 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/u/sq/v/7/b r=+.57

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
### 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:** . HAP 1 by HAP 5 Code: H 6.1.1.5

**Measurement:**
Closed question: "How do you feel about how happy you are?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 5.1b)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<td>O-HL/c/sq/v/3/aa</td>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* . HAP 1 by HAP 5 Code: H 6.1.1.5

*Measurement:* Closed question rated on a 7-point scale: "How do you feel about how happy you are?"

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

(HAP 5.1b)

*Measured Values:*

*Error Estimates:*

*Remarks:*

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**Observed Relation with Happiness**

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Print date: 7-2-2003

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

Page 54 of 303
**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:** HAP 1 by HAP 5  
Code: H 6.1.1.5

**Measurement:** Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you’re very happy, pretty happy, or not too happy these days?"  
Rated on a 3-point scale ranging from very happy (3), pretty happy (2) not too happy (1). (HAP 1.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

**Happiness Query**  
O-GBB/u/sq/c/9/a

**Statistics**  
$r=+.40$

**Remarks**
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 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:** . HAP 1 by HAP 5 Code: H 6.1.1.5

**Measurement:** Closed question rated on a graphic scale: "Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?" Rated on a 9-point scale ranging from a 8-plus-circle (8) to a 8-minus-circle (0). (HAP 5.1a)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 56 of 303
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<td>Reported in</td>
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</tr>
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<td></td>
<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
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<td></td>
<td>Plenum Press, 1976, New York, USA</td>
</tr>
<tr>
<td>Population</td>
<td>18+ aged, general public, non-institutionalized, USA, 1973/7</td>
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<td>Sample</td>
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<tr>
<td>Non-Response</td>
<td></td>
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<td>N</td>
<td>222</td>
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**Measured Correlate**

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<th>. HAP 1 by HAP 5 Code: H 6.1.1.5</th>
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</thead>
<tbody>
<tr>
<td>Measurement</td>
<td>Closed question rated on a 3-point scale: &quot;Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?&quot; Rated on a 3-point scale ranging from very happy (3), pretty happy (2) not too happy (1). (HAP 1.1)</td>
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<tr>
<td>Measured Values:</td>
<td></td>
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<tr>
<td>Error Estimates:</td>
<td></td>
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<td>Remarks</td>
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**Observed Relation with Happiness**

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<th>Statistics</th>
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<td>O-HL/u/sq/v/7/b</td>
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### Study  
**NIPO 1949**  
*Reported in:* N.I.P.O.  
The things that make people happy. (In Dutch: Wat de mensen gelukkig maakt.)  
*De publieke opinie, 1949, vol. 3, p. 3-4.*  
*Population:* Adult, general public, The Netherlands, 1948  
*Sample:*  
*Non-Response:* 7%  
*N:*  

#### Measured Correlate  
*Class:* . HAP 1 by HAP 5  
*Code:* H 6.1.1.5  

#### Measured Values  

#### Observed Relation with Happiness  

<table>
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Print date: 7-2-2003   World Database of Happiness: www.eur.nl/fsw/research/happiness   Page 58 of 303
<table>
<thead>
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<th>Page in Report: 66</th>
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<tbody>
<tr>
<td>Reported in</td>
<td>Philips Nederland, N.V.</td>
<td></td>
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<tr>
<td></td>
<td>The Dutch housewife. (In Dutch: De Nederlandse huisvrouw).</td>
<td></td>
</tr>
<tr>
<td>Population</td>
<td>Housewives, The Netherlands, 1964</td>
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<td>Non-Response</td>
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<td>N</td>
<td>450</td>
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</table>

### Measured Correlate

- **Class:** . HAP 1 by HAP 5 Code: H 6.1.1.5
- **Measurement:** Closed question: other answers (less than good) / good / very good.

### Observed Relation with Happiness

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<tr>
<td>Reported in</td>
<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 Plenum Press, 1976, New York, USA</td>
</tr>
<tr>
<td>Population</td>
<td>18+ aged, general public, non institutionalized, USA, 1972/11</td>
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<tr>
<td>Sample</td>
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<tr>
<td>Non-Response</td>
<td>38%</td>
</tr>
<tr>
<td>N</td>
<td>1072</td>
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</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class</th>
<th>. HAP 2 by HAP 2 Code: H 6.1.1.8</th>
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</thead>
<tbody>
<tr>
<td>Measurement</td>
<td>Closed question rated on a 3-point scale: &quot;In general, how satisfying do you find the way you're spending your life these days? Would you call it completely satisfying, pretty satisfying, or not very satisfying?&quot; (HAPP 2.1b)</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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</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r = +.51</td>
<td></td>
</tr>
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</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* . HAP 2 by HAP 2 Code: H 6.1.1.8

*Measurement:* Closed question: "How satisfied are you with your life as a whole these days?", Rated on a 7-point scale ranging from completely satisfied to completely dissatisfied. (HAPP 2.1a)

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O-SLL/c/sq/v/3/a</td>
<td>r=+.51</td>
<td></td>
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</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study: BERNO 1985

Reported in: Bernow, R
Livskvaliteten i Sverige. (Lifequality in Sweden)

Population: 18-70 aged, general public, Sweden., 1982
Sample:
Non-Response: ?
N: 1558

Measured Correlate

Class: . HAP 2 by HAP 2 Code: H 6.1.1.8
Measurement: Same question repeated at the end of the interview (HAPP 2.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/bc| r=+.81     | Lower among Ss below age 20 r=+.60  
|                 |            | Lower among the low educated r=+.74 |
|                 |            | Higher among academics r=+.92     |
### Study

**GOODH 1985**

*Reported in:* Goodhart, D.E.

Some psychological effects associated with positive and negative thinking about stressful event outcomes: Was Polyanna right?

*Population:* Students in stress, followed 8 weeks, Illinois, USA, 1983

*Sample:*

*Non-Response:* 1.7% dropout

*N:* 173

---

### Measured Correlate

*Class:* . HAP 2 by HAP 2 Code: H 6.1.1.8

*Measurement:*

Single direct question on satisfaction with life as a whole. Rated on a 7-point scale ranging from terrible to delighted. (HAP 4.1)

Happiness assessed at T1 and T2:

- **T1:** right after induction of salience of positive or negative thinking
- **T2:** 8 weeks later

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>rpc=.55 p&lt;.001</td>
<td>T1 happiness by T2 happiness controlled for T1 stress.</td>
</tr>
</tbody>
</table>
### 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:* HAP 2 by HAP 3 Code: H 6.1.1.9

*Measurement:* Closed question rated on an 11-point self-anchoring scale (Cantril satisfaction with life rating) (HAPP 2.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<table>
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<td>O-BW/c/sq/l/11/a</td>
<td>$r = +.43$</td>
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### Study

**CANTR 1965/2**

*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

### Measured Correlate

**Class:** . HAP 2 by HAP 3 Code: H 6.1.1.9

**Measurement:** Closed question rated on an 11-point self-anchoring scale (Cantril satisfaction with life rating) (HAPP 2.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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<td>O-BW/c/sq/l/11/a</td>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
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<tr>
<th>Study</th>
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<td>Reported in:</td>
<td>Lifter, M.L.</td>
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<tr>
<td>Relationship of Job Content Characteristics to Organizational Satisfaction and Life Satisfaction</td>
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<td>Dissertation, Wayne State University, Detroit, Michigan, USA, 1973</td>
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<tr>
<td>Population:</td>
<td>Hospital employees</td>
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<td>Sample:</td>
<td>Non-probability chunk sample</td>
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<td>Non-Response:</td>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

Study

ANDRE 1976/2

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: 24%
N: 1118

Measured Correlate

Class: . HAP 2 by HAP 4 Code: H 6.1.1.10

Measurement:
Closed question rated on a 7-point scale: 'How satisfied are you with your life as a whole these days?', ranging from completely satisfied to completely dissatisfied. (HAP 2.1a)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/u/sq/v/7/a r=+.56
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

<table>
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<tr>
<th>Study</th>
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<th>Page in Report: 85</th>
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  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

  Non-Response: 24%

  N: 1118

## Measured Correlate

  Class: . HAP 2 by HAP 4 Code: H 6.1.1.10

  Measurement: Closed question rated on a 7-point scale: "How do you feel about your life as a whole?"  
terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted (HAP 4.1)

## Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:** . HAP 2 by HAP 4 Code: H 6.1.1.10

**Measurement:** Closed question rated on a 3-point scale: "In general, how satisfying do you find the way you're spending your life these days? Would you call it completely satisfying, pretty satisfying, or not very satisfying?" (HAPP 2.1b)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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| O-DT/u/sq/v/7/a  | mr=.50     | HAP 2.1b by HAP 4.1 asked first: r=+.50  
                   |            | HAP 2.1b by HAP 4.1 asked last:  r=+.49 |

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Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

**Study**   
**ANDRE 1976/3**  
*Page in Report:* 85

**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:** . HAP 2 by HAP 4 Code: H 6.1.1.10

**Measurement:** Closed question: “How satisfied are you with your life as a whole these days?”, Rated on a 7-point scale ranging from completely satisfied to completely dissatisfied. (HAPP 2.1a)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

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<thead>
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<th>Happiness Query</th>
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<td>HAP 2.1a by HAP 4.1 asked first: r=+.64</td>
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<td></td>
<td></td>
<td>HAP 2.1a by HAP 4.1 asked last : r=+.66</td>
</tr>
</tbody>
</table>
## Study

**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:** | . HAP 2 by HAP 4 Code: H 6.1.1.10
**Measurement:** | Closed question rated on a 3-point scale: "In general, how satisfying do you find the way you're spending your life these days? Would you call it completely satisfying, pretty satisfying, or not very satisfying?" (HAPP 2.1b)
**Measured Values:** |
**Error Estimates:** |
**Remarks:** |

## Observed Relation with Happiness

**Happiness Query** | Statistics | Remarks
---|---|---
O-DT/u/sqt/v/7/a | r=+.53 |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* 1072

*Non-Response:* 38%

**Measured Correlate**

*Class:* . HAP 2 by HAP 4 Code: H 6.1.1.10

*Measurement:* Closed question: "How satisfied are you with your life as a whole these days?", Rated on a 7-point scale ranging from completely satisfied to completely dissatisfied. (HAPP 2.1a)

**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=+.70</td>
<td></td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 72 of 303
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: | HAP 2 by HAP 4 Code: H 6.1.1.10
Measurement: | Closed question: "How do you feel about your life as a whole?"
| Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted. (HAP 4.1; this item is part of HAP 4.2 which is the mean score of HAP 4.1 asked twice)
The interval was about 8 to 12 minutes.

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-SLL/c/sq/v/3/a | mr=+.50 | HAP 2.1b by HAP 4.1 asked first: r=+.50
| | | HAP 2.1b by HAP 4.1 asked last : r=+.49

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

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:* . HAP 2 by HAP 4 Code: H 6.1.1.10  

*Measurement:* Closed question: “How do you feel about your life as a whole?”  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted. (HAP 4.1; this item is part of HAP 4.2 which is the mean score of HAP 4.1 asked twice)  
The interval was about 8 to 12 minutes.  

*Measured Values:*  

*Error Estimates:*  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-SLW/c/sq/n/7/a | mr=.65     | HAP 2.1a by HAP 4.1 asked first: r=.64  
HAP 2.1a by HAP 4.1 asked last: r=.66 |

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

**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:* HAP 2 by HAP 4 Code: H 6.1.1.10

*Measurement:* Closed question rated on a 3-point scale: "In general, how satisfying do you find the way you're spending your life these days? Would you call it completely satisfying, pretty satisfying, or not very satisfying?" (HAPP 2.1b)

*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/7/b</td>
<td>r=+.49</td>
<td></td>
</tr>
</tbody>
</table>
Study: ANDRE 1976/3

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

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

Sample:
Non-Response: 38%
N: 1072

Measured Correlate

Class: HAP 2 by HAP 4 Code: H 6.1.1.10

Measurement: Index of single direct questions (HAP 4.1) asked twice during the interview.
Joint score is arithmetic mean of separate scores. (HAP 4.2)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLL/c/sq/v/3/a  r=+.53
# 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:** . HAP 2 by HAP 4 Code: H 6.1.1.10

**Measurement:**

Index of single direct questions (HAP 4.1) asked twice during the interview. Joint score is arithmetic mean of separate scores. (HAP 4.2)

**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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<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.70</td>
<td></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:* . HAP 2 by HAP 5 Code: H 6.1.1.11

*Measurement:* Closed question: "How do you feel about how happy you are?"  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted (HAP 5.1b)

### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
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<tbody>
<tr>
<td>O-SLL/c/sq/v/3/a</td>
<td>r=+.49</td>
<td></td>
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</tbody>
</table>
### Study

**ANDRE 1976/3**

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

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

**Sample:**

| Non-Response | 38% |
| N            | 1072 |

### Measured Correlate

**Class:** . HAP 2 by HAP 5 Code: H 6.1.1.11

**Measurement:** Closed question: "How satisfied are you with your life as a whole these days?", Rated on a 7-point scale ranging from completely satisfied to completely dissatisfied. (HAPP 2.1a)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/7/b</td>
<td>r=+.63</td>
<td></td>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
<thead>
<tr>
<th>Study</th>
<th>ANDRE 1976/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Andrews, F.M. &amp; Withey, S.B.</td>
</tr>
<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>Population:</td>
<td>18+ aged, general public, non institutionalized, USA, 1972/11</td>
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<tr>
<td>Sample:</td>
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</tr>
<tr>
<td>Non-Response:</td>
<td>38%</td>
</tr>
<tr>
<td>N:</td>
<td>1072</td>
</tr>
</tbody>
</table>

**Measured Correlate**

- **Class:** . HAP 2 by HAP 5 Code: H 6.1.1.11
- **Measurement:** Closed question: "How do you feel about how happy you are?" Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted (HAP 5.1b)
- **Measured Values:**
- **Error Estimates:**
- **Remarks:**

**Observed Relation with Happiness**

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.63</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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

*Sample:

*Non-Response:* T1: 18%, T2: 14%, T3: 23%
*N:* T1: 146, T2: 154, T3: 137

**Measured Correlate**

*Class:* .HAP 2 by HAP 5 Code: H 6.1.1.11

*Measurement:* Single closed question: 'How would you describe your life in general?', rated on a 7-point scale, ranging from (1) Enjoyable to (7) Miserable. (HAP 4.1).

*Order reversed*

*Measured Values:

*Error Estimates:

*Remarks:

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/l7/a</td>
<td>r=+</td>
<td></td>
</tr>
<tr>
<td>T1: 1977</td>
<td>r = +.58</td>
<td>(01)</td>
</tr>
<tr>
<td>T2: 1979</td>
<td>r = +.51</td>
<td>(01)</td>
</tr>
<tr>
<td>T3: 1981</td>
<td>r = +.63</td>
<td>(01)</td>
</tr>
</tbody>
</table>

Both variables assessed at T1, T2, and T3.
Correlation concerns same time measures.
Findings on Happiness & HAPPINESS: CURRENT LEVEL  

**Study**  
**HADAW 1978**  
*Reported in:* Hadaway, C.K.  
*Life satisfaction and religion: a reanalysis*  
*Social Forces, Vol 57, 1978, p. 637-643*  

*Population:* 18+ aged, general public, non-institutionalized, USA, 1971  

*Sample:*  

*Non-Response:*  

*N:* 2164  

---

**Measured Correlate**  

*Class:* HAP 2 by HAP 6 Code: H.6.1.1.12  

*Measurement:*  
The index of well-being is a composite scale composed of nine life satisfaction items including an overall satisfaction with life question and eight items which asked the individual to rate his life on a continuum between two opposites (HAP 6).  

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

---

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/c/sq/n/7/b</td>
<td>r=+.67</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>O-S LW/c/sq/n/7/a</td>
<td>r=+.91</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>r=+.91</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
### 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:** . HAP 3 by HAP 4 Code: H 6.1.1.15

**Measurement:** Closed question rated on a graphic scale: "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 the during the past year?" Rated on a 9-point graphic scale ranging from best life (9) to worst life (1) (HAP 3.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

**Happiness Query**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v7/a</td>
<td>mr=.51</td>
<td>HAP 4.1 asked twice: at the beginning of the interview: $r=+.51$ at the end of the interview: $r=+.50$</td>
</tr>
<tr>
<td>O-DT/u/sq/t/v7/a</td>
<td>r=.54</td>
<td></td>
</tr>
</tbody>
</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  

*Sample:*

*Non-Response:*

*N: 222*

---

**Measured Correlate**  

*Class:* HAP 3 by HAP 4 Code: H 6.1.1.15  

*Measurement:* Closed question scale: "How do you feel about your life as a whole?"  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 4.1)

**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-BW/cy/sq/l/9/a | mr=.43     | HAP 3.1a asked thrice during the interview:  
at the beginning, in the middle and at the end.  
Correlations with HAPP 3.1b (asked once):  
HAPP 3.1a asked first : r=.40  
HAPP 3.1a asked second: r=.50  
HAPP 3.1a asked third : r=.40 |
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 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: . HAP 3 by HAP 4 Code: H 6.1.1.15  
Measurement: Closed question rated on a graphic scale: '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?'  
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<tbody>
<tr>
<td>O-DT/u/sq/v7/a</td>
<td>mr=+.43</td>
<td></td>
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</tbody>
</table>

HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end.  
Correlation with HAP 3.1 (asked once):  
HAP 4.1 asked first : r=+.40  
HAP 4.1 asked second: r=+.50  
HAP 4.1 asked third : r=+.40
Findings on Happiness & HAPPINESS: CURRENT LEVEL  

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:* . HAP 3 by HAP 5  
*Code:* H 6.1.1.16  

*Measurement:* Closed question: "Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"  
Rated on a 9-point graphic scale ranging from an all-plus-circle (8) to an all-minus-circle (0) (HAP 5.1a)

---

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
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<td>O-BW/cy/sq/l/9/a</td>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL  

**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: . HAP 3 by HAP 5  
Code: H 6.1.1.16  
Measurement: Closed question rated on a graphic scale: '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?'  
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)  

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

**Observed Relation with Happiness**  
\[
\text{Happiness Query} \quad \text{Statistics} \quad \text{Remarks}
\]

O-HL/u/sq/v/7/b \[r = +.50\]
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:** . HAP 3 by HAP 5 Code: H 6.1.1.16

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

(HAP 5.1b)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

**Happiness Query**

O-BW/cy/sq/l/9/a

**Statistics**

r=+.50

---

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

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:* . HAP 3 by HAP 5 Code: H 6.1.1.16

*Measurement:* Closed question rated on a graphic scale: "Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"
Rated on a 9-point scale ranging from a 8-plus-circle (8) to a 8-minus-circle (0). (HAP 5.1a)

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

*Happiness Query*  
*Statistics*  
*Remarks*

O-BW/cy/sq/l/9/a  
*r=+.40*

---

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

Correlate Code: H 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: . HAP 3 by HAP 5 Code: H 6.1.1.16  
Measurement: Closed question rated on a graphic scale: '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?'  
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)  

Measured Values:  
Error Estimates:  
Remarks:  

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
O-GBB/u/sq/c/9/a  r=+.40  

---

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

**ANDRE 1976/4**

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

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

*Sample:*

*Non-Response:* 26%

*N:* 1433

---

**Measured Correlate**

*Class:* . HAP 3 by HAP 7 Code: H 6.1.1.18

*Measurement:* Rating by interviewer of how respondent feels about life as a whole.
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 7.3)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/cy/sq/l/9/a</td>
<td>r=+.45</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* HAP 4 by HAP 4 Code: H 6.1.1.19

*Measurement:* Closed question: “How do you feel about your life as a whole?”
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted. (HAP 4.1; this item is part of HAP 4.2 which is the mean score of HAP 4.1 asked twice) The interval was about 8 to 12 minutes.

### 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/sqrt/v/7/a  | mr=+.93    | HAP 4.2 by HAP 4.1 asked first: r=+.92  
                             |            | HAP 4.2 by HAP 4.1 asked last: r=+.93 |

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

<table>
<thead>
<tr>
<th>ANDRE 1976/4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
</tr>
<tr>
<td>Social Indicators of Well-being: Americans' Perceptions of Life Quality</td>
</tr>
<tr>
<td>Plenum Press, 1976, New York, USA</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
</tr>
<tr>
<td><strong>N:</strong></td>
</tr>
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</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>. HAP 4 by HAP 4 Code: H 6.1.1.19</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td>Index of two identical closed questions: &quot;How do you feel about your life as a whole?&quot;. Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted. (HAP 4.2) Joint score is arithmetic mean of separate scores (HAP 4.1)</td>
</tr>
</tbody>
</table>

**Measured Values:**

| Error Estimates: | |
| Remarks: | |

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v7/a</td>
<td>mr=.93</td>
<td>HAP 4.1 asked twice: at the beginning of the interview: r=+.92 at the end of the interview: r=+.94</td>
</tr>
</tbody>
</table>
### Study

**Reported in:** Balatsky, G. & Diener, E. 
Subjective well-being among Russian students. 

**Population:** Students, Moscow and Glazov (Ural), Russia, 1990

**Sample:** Non-probability chunk sample

**Non-Response:** not reported

**N:** 116

### Measured Correlate

**Class:** . HAP 4 by HAP 4 Code: H 6.1.1.19

**Measurement:** Single question: "How do you feel about your life as a whole right now?". 
Rated on 7-point scale from: 
1. Terrible........to 
7. Delighted.

**Measured Values:** M= 4.15; SD= 1.48

**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/c/sq/v/7/b</td>
<td>r=+.58</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

**p two tailed**
## 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:** . HAP 4 by HAP 5 Code: H 6.1.1.20
- **Measurement:** Closed question: "How do you feel about how happy you are?"
  Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/
  mixed/ mostly satisfied/ pleased/ delighted (HAP 5.1b)

## Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-DT/u/sqrt/v/7/a | mr=.71 | HAP 5.1b by HAP 4.1 asked first: r=+.68  
HAP 5.1b by HAP 4.1 asked last: r=+.74 |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* HAP 4 by HAP 5 Code: H 6.1.1.20

*Measurement:* Closed question: "How do you feel about your life as a whole?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted. (HAP 4.1; this item is part of HAP 4.2 which is the mean score of HAP 4.1 asked twice)
The interval was about 8 to 12 minutes.

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/u/sq/v/7/b  | mr=+.71    | HAP 5.1b by HAP 4.1 asked first: r=+.68  
|                 |            | HAP 5.1b by HAP 4.1 asked last : r=+.74  |
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: | . HAP 4 by HAP 5 Code: H 6.1.1.20
Measurement: | Index of single direct questions (HAP 4.1) asked twice during the interview. Joint score is arithmetic mean of separate scores. (HAP 4.2)
Measured Values: | 
Error Estimates: | 
Remarks: | 

Observed Relation with Happiness
Happiness Query | Statistics | Remarks
O-HL/u/sq/v/7/b | r=+.77 |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* N: 1072

*Non-Response:* 38%

**Measured Correlate**

*Class:* . HAP 4 by HAP 5 Code: H 6.1.1.20

*Measurement:* Closed question: "How do you feel about how happy you are?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/
mixed/ mostly satisfied/ pleased/ delighted (HAP 5.1b)

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

**Happiness Query**

Statistics

Remarks

O-DT/u/sqt/v/7/a $r = +.77$

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

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: HAP 4 by HAP 5 Code: H 6.1.1.20

Measurement:
Closed question: “Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?”
Rated on a 9-point graphic scale ranging from an all-plus-circle (8) to an all-minus-circle (0) (HAP 5.1a)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>mr=.49</td>
<td>HAP 4.1 asked twice: at the beginning of the interview: r=+.51 at the end of the interview: r=+.46</td>
</tr>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>r=.52</td>
<td></td>
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</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: . HAP 4 by HAP 5 Code: H 6.1.1.20
Measurement: Closed question scale: "How do you feel about your life as a whole?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 4.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
O-HL/u/sq/v/7/b | mr=-.27 | HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end.
HAP 4.1 asked first: r=-.70
HAP 4.1 asked second: r=-.70
HAP 4.1 asked third: r=+.60

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

**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:* 222

---

**Measured Correlate**

*Class:* HAP 4 by HAP 5 Code: H 6.1.1.20

*Measurement:* Closed question scale: "How do you feel about your life as a whole?"  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 4.1)

*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-GBB/u/sq/c/9/a</td>
<td>mr=.47</td>
<td>HAP 4.1 asked thrice during the interview:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>at the beginning, in the middle and at the end.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HAP 4.1 asked first: r=+.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HAP 4.1 asked second: r=+.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HAP 4.1 asked third: r=+.50</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/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:** .  
**Measurement:** Closed question rated on a graphic scale: "Here are some circles that we can imagine represent the lives of different people. Circle eight has all plus in it, to represent a person who has all the good things in his life. Circle zero has all minus in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"  
Rated on a 9-point scale ranging from a 8-plus-circle (8) to a 8-minus-circle (0). (HAP 5.1a)

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-DT/u/sq/v7/a  | mr=+.47    | HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end.  
Correlations with HAP 5.1a (asked once):  
HAP 4.1 asked first: r=+.40  
HAP 4.1 asked second: r=+.50  
HAP 4.1 asked third: r=+.50 |
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:* HAP 4 by HAP 5 Code: H 6.1.1.20

*Measurement:* Closed question rated on a 7-point scale: "How do you feel about how happy you are?"

Ratings on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted.  
(HAP 5.1b)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>mr=.67</td>
<td>HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Correlations with HAP 5.1b (asked once): HAP 4.1 asked first: r=.70 HAP 4.1 asked second: r=.70 HAP 4.1 asked third: r=.60</td>
</tr>
</tbody>
</table>

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

**ANDRE 1976/4**

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

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

*Sample:*

*Non-Response:* 26%

*N:* 1433

---

### Measured Correlate

*Class:* . HAP 4 by HAP 7 Code: H 6.1.1.22

*Measurement:* Rating by interviewer of how respondent feels about life as a whole.
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 7.3)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v7/a</td>
<td>mr=.53</td>
<td>HAP 4.1 asked twice: at the beginning of the interview: r=.53 at the end of the interview: r=.52</td>
</tr>
<tr>
<td>O-DT/u/sq/v7/a</td>
<td>r=.57</td>
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</tbody>
</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

*Sample:

*Non-Response:*

*N:* 222

### Measured Correlate

*Class:* . HAP 5 by HAP 5 Code: H 6.1.1.23

*Measurement:*

Closed question rated on a 7-point scale: "How do you feel about how happy you are?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/
mixed/ mostly satisfied/ pleased/ delighted.

(HAP 5.1b)

*Measured Values:

*Error Estimates:

*Remarks:

### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-GBB/u/sq/c/9/a</td>
<td>r = +.50</td>
<td></td>
</tr>
</tbody>
</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

**Sample:**

**Non-Response:**

**N:** 222

### Measured Correlate

**Class:** . HAP 5 by HAP 5 Code: H 6.1.1.23

**Measurement:** 
Closed question rated on a graphic scale: "Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"
Rated on a 9-point scale ranging from a 8-plus-circle (8) to a 8-minus-circle (0). (HAP 5.1a)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/7/b</td>
<td>r=+.50</td>
<td></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)
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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:* HAP 5 by HAP 7 Code: H 6.1.1.25

*Measurement:* Rating by interviewer of how respondent feels about life as a whole. 
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted (HAP 7.3)

*Measured Values:* 

*Error Estimates:* 

*Remarks:* 

**Observed Relation with Happiness**

*Happiness Query*  
O-GBB/u/sq/c/9/a

*Statistics*  
r=+.45

*Remarks*
### Study

**BRENN 1970**

**Reported in:** Brenner, B.  

**Population:** Highschool pupils, New York State, USA, 1960

**Sample:**

**Non-Response:** 1%

**N:** 5204

### Measured Correlate

**Class:** HAP 1 by AFF 1 Code: H 6.1.2.1

**Measurement:** Closed question on spirits: very low spirits / fairly low spirits / neither good spirits nor low spirits / fairly good spirits / very good spirits (AFF 1.1)

### Observed Relation with Happiness

**Happiness Query**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/u/sq/v/4/b  | G = -.28   | After control for:  
|                 |            | - having fun in life, and frequency of low mood : Gs = +.62  
|                 |            | - having fun in life : Gs = +.68  
|                 |            | - frequency of low mood : Gs = +.74  
|                 |            | - tending to be a discouraged person : Gs = +.73  
|                 |            | - tending to be a lonely person : Gs = +.72  
|                 |            | - anxiety symptom : Gs = +.77  

Unaffected by sex.

V = .39  p< .01
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

Study  
BRENN 1975A

Reported in:  
Brenner, B.  
Quality of affect and self-evaluated happiness  

Population:  
18+ aged, general public, Washington County, Maryland, USA, 1973-74

Sample:
Non-Response: 25%
N: 916

Measured Correlate

Class:  
.HAP 1 by AFF 1 Code: H 6.1.2.1

Measurement:  
Closed question on spirits: "very low spirits / fairly low spirits / neither good nor low spirits / fairly good spirits / very good spirits" (AFF 1.1)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | G=+.75 p<.001 | When enjoying life and feeling downcast or dejected are kept constant: Gs = +.64 (001)  
Unaffected by sex, age and educational level |

### 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:** . HAP 1 by AFF 1 Code: H 6.1.2.1

**Measurement:** Closed question on mood-level, rated on a 5-point scale ranging from 'not good almost all the time' to 'very good all the time' (AFF 1.1).

**Measured Values:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.77</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:**  
**Non-Response:** -  
**N:** 1830  

### Measured Correlate

**Class:** . HAP 1 by AFF 1 Code: H 6.1.2.1  
**Measurement:** Direct question on mood level, rated on a 5-point scale ranging from 'not good almost all the time' to 'very good all the time' (AFF 1.1).

### 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'?/6/a</td>
<td>mc=.71</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study

**ALEXA 1968**

*Reported in:* Alexander, W.E.

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

*Sample:*

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

*N:* 178

**Measured Correlate**

*Class:* HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* 10-item index of closed question on specific affects (adapted Bradburn Affect Balance Score) (AFF 2.3)

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>tC=+.39 p&lt;.001</td>
<td></td>
</tr>
<tr>
<td>G=+.56</td>
<td>When all &quot;pretty happy&quot; Ss were deleted: G = +.89</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Index of Positive Affects: _C = +.30; G = +.42</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Index of Negative Affects: _C = -.29; G = -.42</td>
<td></td>
</tr>
<tr>
<td>d=+.34</td>
<td>When happiness is used as a dependent variable</td>
<td></td>
</tr>
<tr>
<td></td>
<td>positive affect: d = +.24</td>
<td></td>
</tr>
<tr>
<td></td>
<td>negative affect: d = -.25</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**ANDRE 1976/3**

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

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

*Sample:

*Non-Response:* 38%

*N:* 1072

#### Measured Correlate

*Class:* . HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* 10-item index of closed questions on specific affects during the past few weeks (Bradburn Affect Balance Score) (AFF 2.3)

#### Measured Values:

#### Error Estimates:

#### Remarks:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | $r = +.50$ | Index of positive affects: $r = +.39$  
Index of negative affects: $r = -.31$ |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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

*N: 1072*

*Non-Response:* 38%

**Measured Correlate**

*Class:* . HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?" (HAPP 1.1)

*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 = +.50</td>
<td></td>
</tr>
</tbody>
</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

Sample:
Non-Response:
N: 222

Measured Correlate

Class: . HAP 1 by AFF 2 Code: H 6.1.2.2

Measurement:
Closed question rated on a 3-point scale: "Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?"
Rated on a 3-point scale ranging from very happy (3), pretty happy (2) not too happy (1). (HAP 1.1)

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=+.50</td>
<td>Index of positive affects: r=-.40&lt;br&gt;Index of negative affects: r=+.30</td>
</tr>
</tbody>
</table>
### Study
**BRADB 1965/1**

- **Reported in:** Bradburn, N.M. & Caplovitz D.
- **Reports on happiness:**
  Aldine Publishing Company, 1965, Chicago USA
- **Population:** Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962
- **Sample:**
- **Non-Response:** -
- **N:** 2006

### Measured Correlate
- **Class:** . HAP 1 by AFF 2 Code: H 6.1.2.2
- **Measurement:** 9-item index of closed questions on specific affects (Bradburn & Caplovitz Affect Balance Score) (AFF 2.3).

### Measured Values:

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | G = +.50 p < .01 | Index of Positive Affects: $G' = +.38 \ (01)$
|                 |            | Stronger among males Index of Negative Affects: $G' = -.49 \ (01)$ |

### Observed Relation with Happiness

Print date: 7-2-2003  |  World Database of Happiness: www.eur.nl/fsw/research/happiness  | Page 116 of 303
### Study

**BRADB 1969**

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

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

*Sample:* 
*Non-Response:* ± 20%, Attrition ± 30%
*N:* 2787

### Measured Correlate

*Class:* . HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* 10-item index of closed questions on specific affects (Bradburn Affect Balance Score) (AFF 2.3).

*Measured Values:*

*Error Estimates:*

*Remarks:* Data T1. Results T3 similar.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=+.45 p&lt;.05</td>
<td>Index of Positive Affects: G= +.34 (05) Data T1. Results T3 similar</td>
</tr>
</tbody>
</table>
**Study**   
**BRENN 1975A**  

*Reported in:*  
Brenner, B.  
Quality of affect and self-evaluated happiness  

*Population:*  
18+ aged, general public, Washington County, Maryland, USA, 1973-74

*Sample:*  
Non-Response: 25%  
N: 916

---

**Measured Correlate**

*Class:*  
. HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:*  
2-item index of closed question on feeling happy and feeling sad (Happy/ Sad Scale) (AFF 2.2e)

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=+.61</td>
<td>p&lt;.001</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**  
**BRENN 1975A**  

*Reported in:* Brenner, B.  
Quality of affect and self-evaluated happiness  

*Population:* 18+ aged, general public, Washington County, Maryland, USA, 1973-74  

*Sample:*  
Non-Response: 25%  
N: 916  

**Measured Correlate**  

*Class:* . HAP 1 by AFF 2 Code: H 6.1.2.2  

*Measurement:* 2-item index of closed questions on feeling that things were going your way, and feeling depressed or unhappy (Going-Your-Way / Depressed-on-Unhappy Scale) (AFF 2.2c)  

**Observed Relation with Happiness**  

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

*Statistics*  
G=.60  
P<.001  

*Remarks:*
## Study

**BRENN 1975A**

*Reported in:* Brenner, B.
Quality of affect and self-evaluated happiness

*Population:* 18+ aged, general public, Washington County, Maryland, USA, 1973-74

*Sample:*  
*Non-Response:* 25%
*N:* 916

### Measured Correlate

*Class:* HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* 2-item index of closed questions on enjoying life and feeling depressed (Enjoyed / Depressed Scale c) (AFF 2.2a)

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=+.61 p&lt;.001</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

CHIRI 1971

*Reported in:* Chiriboga, D. & Lowenthal, M.F.
Psychological correlates of perceived well-being
Proceedings of the 79th Annual Convention, A.P.A., 1971

*Population:* People in transition, metropolis, USA, 1969

*Sample:* N: 216

*Non-Response:* -

**Measured Correlate**

*Class:* . HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* 8-item index of closed questions on specific affects (adapted Bradburn & Caplovitz Affect Balance Score) (AFF 2.3).

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/cb | $r = +.18$, p < .05 | Index of Positive Affects: $r > +.18$ (05)  
Index of Negative Affects: $r > -.18$ (05) |

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


Reported in: Gehmacher, E.
Coping, happiness and ideology.
Paper presented at the international sociological conference ‘Toward the good society’, Rotterdam, July 1992

Population: 16+ aged, general public, Austria, 1989

Sample:
Non-Response: ?
N: 2000

Measured Correlate

Class: . HAP 1 by AFF 2 Code: H 6.1.2.2
Measurement: Single direct question: Taking your life as a whole, are you:
1. very happy,
2. quite happy
3. more happy than unhappy
4. more unhappy than happy
5. quite unhappy (HAP 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
M-FH/c/sq/v/5/a  r=+.51

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

**GEHMA 1992A1**

*Reported in:* Gehmacher, E.
Coping, happiness and ideology.
Paper presented at the international sociological conference ‘Toward the good society’, Rotterdam, July 1992

*Population:* 16+ aged, general public, Austria, 1989

*Sample:* ?

*N:* 2000

### Measured Correlate

*Class:* . HAP 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* Single direct question: Taking your life as a whole, are you:
1. very satisfied
2. quite satisfied
3. more satisfied than discontented
4. more discontented than satisfied
5. quite dissatisfied? (HAP 2.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-FH/c/sq/v/5/a</td>
<td>r=+.49</td>
<td></td>
</tr>
</tbody>
</table>
**Study**

**HALMA 1987**

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

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

*Sample:

*Non-Response:*

*N: 12464*

---

**Measured Correlate**

*Class:* HAP 1 by AFF 2  
*Code: H 6.1.2.2*

*Measurement:* 10 Item index of specific affects in the past few weeks. Bradburn  
(1969) Affect Balance Scale (AFF 2.3).

*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>Beta=+.1</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Great-Britain</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>West-Germany</td>
</tr>
<tr>
<td></td>
<td>Beta=+.2</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Netherlands</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Denmark</td>
</tr>
<tr>
<td></td>
<td>Beta=+.2</td>
<td>Belgium</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Spain</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Ireland</td>
</tr>
<tr>
<td></td>
<td>Beta=+.2</td>
<td>Northern-Ireland</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>EC</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

EC (stratified sample)
- Positive Affect r = +.26
- Negative Affect r = -.30

β controlled for:
life satisfaction (HAPP 2.1); satisfaction with health, income and family life; age, income, male sex, education, marital status, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; tolerance, loneliness, misanthropy, hopeless about life and sense of control.
Findings on Happiness & HAPPINESS: CURRENT LEVEL
Correlate Code: H 6

Study HARDI 1982

Reported in: Harding, D.S.

Population: Adults, general public, urban areas, Great-Britain, 1975

Sample:

Non-Response: 932

N: 932

Measured Correlate

Class: . HAP 1 by AFF 2 Code: H 6.1.2.2

Measurement: Taking all things together, how would you say things are these days, would you say things are: very happy, pretty happy or not so happy? (HAPP 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mg/v/2/a</td>
<td>r=+.41</td>
<td>Positive Affect r=+.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Negative Affect r=-.33</td>
</tr>
</tbody>
</table>

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

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

### Measured Correlate

Class: . HAP 1 by AFF 2  
Measurement: Single direct question: "Taking all things together, how would you say things are these days? Would you say you are very happy, pretty happy or not too happy?"  
See GURIM 1960 (HAPP 1.1)

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BK/cw/mq/v5/a</td>
<td>r=+.54</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**LEWIS 1972**

**Reported in:** Lewis, M.A.

Actual and perceived age differences in self-concept and psychological well-being for Catholic sisters.

Unpublished doctoral dissertation, 1972, Syracuse University, New York, USA.

**Population:** 24-75 aged Catholic sisters, Eastern USA. 197?

**Sample:**

**Non-Response:** 34%

**N:** 183

**Measured Correlate**

**Class:** . HAP 1 by AFF 2 Code: H 6.1.2.2

**Measurement:** 10-item index of closed questions on specific affects (Bradburn Affect Balance Score) (AFF 2.3)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

**Happiness Query**

**Statistics**

**Remarks**

O-HL/u/sq/v/3/a G=+.76 p<.01
## Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Correlate Code: H 6**

<table>
<thead>
<tr>
<th>Study</th>
<th>MATLI 1966/1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Matlin, N.</td>
</tr>
<tr>
<td>The demography of happiness</td>
<td></td>
</tr>
<tr>
<td>University of Puerto Rico, School of Medicine, Department of Public Health, 1966, San Juan.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>20+ aged, general public, Puerto Rico, 1963-64</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>1417 (excluding validation sample)</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** . HAP 1 by AFF 2 Code: H 6.1.2.2

**Measurement:** 9-item index of closed questions on specific affects (adapted Bradburn & Caplovitz: Affect Balance Score) (AFF 2.3).

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/af | G=+.52 p<.01 | Index of Positive Affects: G' = +.19 (01)  
Index of Negative Affects: G' = -.54 (01)  |

---

**Print date: 7-2-2003**  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
**Page 129 of 303**
Findings on Happiness & HAPPINESS: CURRENT LEVEL  Correlate Code: H 6

---

**Study**

**MORIW 1974**

- **Reported in:** Moriwaki, S.Y.
  - The Affect Balance Scale: A validity study with aged samples
- **Population:** 60+ aged, psychiatric cases and controls, Los Angeles, USA, 1971
- **Sample:**
- **Non-Response:**
  - N: 27; sample 1: N=8, sample 2: N=19

---

**Measured Correlate**

- **Class:** . HAP 1 by AFF 2 Code: H 6.1.2.2
- **Measurement:**
  - 10-item index of closed questions on specific affects (adapted Bradburn Affect Balance Score) (AFF 1.3)

---

**Observed Relation with Happiness**

**Happiness Query**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/sq/v3/a</td>
<td>G=.40</td>
<td>ns</td>
</tr>
</tbody>
</table>

- **Remarks:**
  - Index of Positive Affects: G = .49 (05)
  - Index of Negative Affects: G = -.20 (ns)
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**PAYNE 1974**

*Reported in:* Payne, R.L.

*Population:* Employed males, supervising jobs, England, 197?

*Sample:* 4% incomplete.
*N:* 192

**Measured Correlate**

*Class:* H 1 by AFF 2 Code: H 6.1.2.2

*Measurement:* 13-item index of closed questions on specific affects (Bradburn & Caplovitz Affect Balance Score) (AFF 2.3)

**Measured Values:**

**Remarks:**

**Observed Relation with Happiness**

*Happiness Query* | *Statistics* | *Remarks*
--- | --- | ---
O-HL/c/sq/v/3/aa | G=+ | Index of Positive Affects: G = +.06  
Index of Negative Affects: G = -.22
<table>
<thead>
<tr>
<th>Study</th>
<th>PHILL 1967A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Phillips, D.L.</td>
</tr>
<tr>
<td>Population:</td>
<td>Adult, general public, New Hampshire, USA, 196?</td>
</tr>
<tr>
<td>Sample:</td>
<td>-</td>
</tr>
<tr>
<td>Non-Response:</td>
<td>-</td>
</tr>
<tr>
<td>N:</td>
<td>600</td>
</tr>
</tbody>
</table>

**Measured Correlate**

| Class: | HAP 1 by AFF 2 Code: H 6.1.2.2 |
| Measurement: | 10-item index of closed questions on specific affects (Bradburn Affect Balance Score) (AFF 2.3). |

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/3/a</td>
<td>G=+.55</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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

Population: Working people, West-Germany, 1974

Measured Correlate

Class: . HAP 1 by AFF 5 Code: H 6.1.2.5

Measurement: When somebody should say about you: "This person is very happy"; is he right or wrong? (HAPP 1.1)
3 right
2 fifty - fifty
1 wrong
0 difficult to say

Measured Values:

Error Estimates:

Remarks: AFF 5.3a is the general cheerful appearance as rated by the interviewer. (Last item in Allensbacher Ausdrücktest)

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-CA/mh/ri/v/2/b G=+.48 p<.01 all AFF 5.3a is the general cheerful appearance as rated by the interviewer. (Last item in Allensbacher Ausdrücktest)
tb=+.22 p<.01
G=+.40 p<.01 assistant-labourers
G=+.17 p<.01
G=+.30 p<.01 craftsmen
tb=+.13 p<.01
G=+.57 p<.01 independent labourors
tb=+.24 p<.01
G=+.67 p<.01 managers
tb=+.30 p<.01
G=+.70 p<.01 independent people
tb=+.36 p<.01
G=+.48  p<.01  Landowners

Stating to be happy in spite of unhappy appearance is rather exceptional (7%), the reverse more common (38%).

The discrepancy between appearance and statement is greatest in the manual profession.
**Findings on Happiness & HAPPINESS: CURRENT LEVEL**

**Correlate Code: H 6**

---

<table>
<thead>
<tr>
<th>Study</th>
<th>KAMMA 1983/2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Kammann, R.; Flett, R.</td>
</tr>
<tr>
<td>Sourcebook for Measuring Well-being with Affectometer 2.</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>18+ aged, general public, Dunedin, New Zealand, 1983</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>52%</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>112</td>
</tr>
</tbody>
</table>

---

**Measured Correlate**

- **Class:** . HAP 2 by AFF 1 Code: H 6.1.2.7
- **Measurement:** Single direct question: 'How do you feel about your life as a whole?' Rated on a 7-point delighted-terrible scale. See ANDRE 1976 (HAPP 2.1)

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BK/cw/mq/v/5/a</td>
<td>$r = +.66$</td>
<td>$p &lt; .01$</td>
</tr>
</tbody>
</table>

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
<thead>
<tr>
<th>Study</th>
<th>ANDRE 1976/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in</td>
<td>Andrews, F.M. &amp; Withey, S.B.</td>
</tr>
<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>Population</td>
<td>18+ aged, general public, non institutionalized, USA, 1972/11</td>
</tr>
<tr>
<td>Sample</td>
<td></td>
</tr>
<tr>
<td>Non-Response</td>
<td>38%</td>
</tr>
<tr>
<td>N</td>
<td>1072</td>
</tr>
</tbody>
</table>

**Measured Correlate**

| Class:     | . HAP 2 by AFF 2 Code: H 6.1.2.8 |
| Measurement: | Closed question rated on a 3-point scale: "In general, how satisfying do you find the way you're spending your life these days? Would you call it completely satisfying, pretty satisfying, or not very satisfying?" (HAPP 2.1b) |
| 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=+.41</td>
<td></td>
</tr>
</tbody>
</table>

World Database of Happiness: www.eur.nl/fsw/research/happiness
### 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:** . HAP 2 by AFF 2 Code: H 6.1.2.8

**Measurement:** 10-item index of closed questions on specific affects during the past few weeks (Bradburn Affect Balance Score) (AFF 2.3)

### Observed Relation with Happiness

**Happiness Query** | **Statistics** | **Remarks**
--- | --- | ---
O-SLW/c/sq/n/7/a | r=+.43 | Index of positive affects: r=+.30  
| | | Index of negative affects: r=-.31
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: HAP 2 by AFF 2 Code: H 6.1.2.8
Measurement: 10-item index of closed questions on specific affects during the past few weeks (Bradburn Affect Balance Score) (AFF 2.3)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
---|---|---
O-SLL/c/sq/v/3/a | r=.41 | Index of positive affects: r=.26
| | | Index of negative affects: r=-.31
### 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:* . HAP 2 by AFF 2 Code: H 6.1.2.8  
*Measurement:* Closed question: "How satisfied are you with your life as a whole these days?", Rated on a 7-point scale ranging from completely satisfied to completely dissatisfied. (HAPP 2.1a)

### 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>A-BB/cm/mq/v/2/a</td>
<td>r=+.43</td>
<td></td>
</tr>
</tbody>
</table>
### HALMA 1987

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

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

**Sample:**

**Non-Response:** 12464

**Measured Correlate**

**Class:** 

**Measurement:** 10 Item index of specific affects in the past few weeks. Bradburn (1969) Affect Balance Scale (AFF 2.3).

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
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<th>Statistics</th>
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</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/10/aa</td>
<td>Beta=+.1</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>Great-Britain</td>
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<tr>
<td></td>
<td>Beta=+.1</td>
<td>West-Germany</td>
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<td></td>
<td>Beta=+.1</td>
<td>Italy</td>
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<td></td>
<td>Beta=+.1</td>
<td>Netherlands</td>
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<tr>
<td></td>
<td>Beta=+.1</td>
<td>Denmark</td>
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<td></td>
<td>Beta=+.1</td>
<td>Belgium</td>
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<td>Beta=+.1</td>
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<td>Beta=+.1</td>
<td>Ireland</td>
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<td></td>
<td>Beta=.&lt;1</td>
<td>Northern-Ireland</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1</td>
<td>EC</td>
</tr>
</tbody>
</table>
EC (stratified sample)
- Positive Affect $r=+.31$
- Negative Affect $r=-.31$

β's controlled for:
happiness (HAPP 1.1); satisfaction with health, income and family life; age, income, education, marital status, male sex, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; tolerance, loneliness, misantropy, hopeless about life and sense of control.
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**  
**HARDI 1982**

**Reported in:** Harding, D.S.  

**Population:** Adults, general public, urban areas, Great-Britain, 1975

**Sample:**

**Non-Response:**

**N:** 932

---

### Measured Correlate

**Class:** . HAP 2 by AFF 2 Code: H 6.1.2.8

**Measurement:** All things considered, how satisfied or dissatisfied are you overall with your life as a whole these days? (HAPP 2.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mq/v/2/a | r=+.45     | Positive Affect r=+.21  
|                 |            | Negative Affect r=-.38 |

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

Study: MCCRA 1990

Reported in: McCrae, R.R. & Costa jr, P.T.
Adding Liebe und Arbeit. The full five factor model and Well-being

Population: Single males and couples followed 7 years, Baltimore, USA, 1979-86

Sample:
Non-Response:
N: 429

Measured Correlate

Class: . HAP 2 by AFF 2 Code: H 6.1.2.8
Measurement: 10-item index of closed questions on specific affects (Bradburn
Affect Balance Score, AFF 2.3)
Assessed at T1(1979) and T2(1981).

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/u/sq/v/7/a r=+.54 p<.01 T1 happiness (LS: HAP 4.1) by T1 happiness (ABS:
AFF 2.3)

r=+.59 p<.01 T2 happiness (LS: HAP 4.1) by T2 happiness (ABS:
AFF 2.3)
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study MCCRA 1990

Reported in: McCrae, R.R. & Costa Jr., P.T.

Population: Single males and couples followed 7 years, Baltimore, USA, 1979-86

Sample:
Non-Response: 429

Measured Correlate

Class: ... HAP 2 by AFF 2 Code: H 6.1.2.8

Measured Values:
Error Estimates:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a r=+.54 p<.01 T1 happiness (ABS: AFF 2.3) by T1 happiness (LS: HAP 4.1)

r=+.59 p<.01 T2 happiness (ABS: AFF 2.3) by T2 happiness (LS: HAP 4.1)
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

**Study**  
**SUH 1998-1**  
**Page in Report:** 485-6

**Reported in:**  
Suh, M.E., Diener, E., Oishi, S., Triandis, H.C.  
The Shifting Basis of life Satisfaction Judgments Across Cultures: Emotions versus  

**Population:** 16+ aged, 43 nations 1990-93

**Sample:** Probability sample (unspecific)

**Non-Response:** .11

**N:** 55,666

---

**Measured Correlate**

**Class:** . HAP 2 by AFF 2 Code: H 6.1.2.8

**Measurement:** Affect Balance Scale  
(query code: A-BB/cm/mq/vl2/a)

**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/sql/l10/a</td>
<td>O-SLW/c/sql/l10/a</td>
<td>mr=.41  p&lt;.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country</th>
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</thead>
<tbody>
<tr>
<td>Nigeria</td>
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</tr>
<tr>
<td>India</td>
<td>r = +.22</td>
</tr>
<tr>
<td>Turkey</td>
<td>r = +.30</td>
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<tr>
<td>Switzerland</td>
<td>r = +.31</td>
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<tr>
<td>Russia</td>
<td>r = +.31</td>
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<td>r = +.32</td>
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<td>Spain</td>
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<td>Lithuania</td>
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<tr>
<td>Britain</td>
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<tr>
<td>Argentina</td>
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<tr>
<td>Austria</td>
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<tr>
<td>Poland</td>
<td>r = +.43</td>
</tr>
<tr>
<td>Belgium</td>
<td>r = +.44</td>
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<tr>
<td>Hungary</td>
<td>r = +.44</td>
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</tbody>
</table>

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

East Germany \( r = +.44 \)  
Slovenia \( r = +.44 \)  
Portugal \( r = +.44 \)  
France \( r = +.45 \)  
Italy \( r = +.45 \)  
Denmark \( r = +.45 \)  
Canada \( r = +.45 \)  
Iceland \( r = +.47 \)  
The Netherlands \( r = +.48 \)  
Ireland \( r = +.48 \)  
United States \( r = +.48 \)  
Sweden \( r = +.48 \)  
South Africa \( r = +.50 \)  
Finland \( r = +.51 \)  
West Germany \( r = +.57 \)  

Correlations are larger in the individualist than the collectivist nations \( (r = .52, p < .001) \)  
Separate analysis of subscales (Positive Affect and Negative Affect) yields similar results
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**ZAUTR 1977**

*Reported in:* Zautra, A., Beier, E. and Cappel, L.
The dimensions of life quality in a community

*Population:* 18+ aged, general public, Salt Lake County, USA, 197?

*Sample:* 

*Non-Response:* 15%

*N:* 454

---

**Measured Correlate**

*Class:* . HAP 2 by AFF 5 Code: H 6.1.2.11

*Measurement:* Interviewer rating on a 5 point scale.

*Measured Values:* 

*Error Estimates:* 

*Remarks:* 

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sqt/v/7/a</td>
<td>r = ns</td>
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</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 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:*
.

*HAP 3 by AFF 2 Code: H 6.1.2.15

*Measurement:* 10-item index of closed questions on specific affects during the past few weeks (Bradburn Affect Balance Score) (AFF 2.3)

*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/sqrt/v/7/a | r=+.48 | Index of positive affects: r=+.36  
|                  |           | Index on negative affects: r=-.32 |
**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:* . HAP 3 by AFF 2 Code: H 6.1.2.15  
*Measurement:* Closed question rated on a graphic scale: '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?'  
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
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<td>r=+.40</td>
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</table>

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 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: . HAP 3 by AFF 2 Code: H 6.1.2.15

Measurement: 10-item index of closed questions on specific affects (Bradburn Affect Balance Score); rated on a 4-point scale ranging from 'never felt' to 'felt a lot'. (AFF 2.3)

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/cy/sq/l/9/a</td>
<td>r = +.40</td>
<td>Index of positive affects: r = +.30</td>
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<tr>
<td></td>
<td></td>
<td>Index of negative affects: r = -.20</td>
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</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 150 of 303
<table>
<thead>
<tr>
<th>Study</th>
<th>DUCKI 1982</th>
<th>Page in Report: 124</th>
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</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Duckitt, J.H.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>65-90 aged whites Pretoria, South Africa, 198?</td>
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**Measured Correlate**

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Bradburn Affect Balance Scale (AFF 2,3) (BRADB 1965/1)</td>
</tr>
</tbody>
</table>

**Measured Values:**

**Error Estimates:**

| Remarks: | |

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/!?/sq/I/9/a</td>
<td>r=+.59 p&lt;.001</td>
<td></td>
</tr>
<tr>
<td></td>
<td>r=+.59 p&lt;.001</td>
<td></td>
</tr>
<tr>
<td>Study</td>
<td>KAMMA 1983/2</td>
<td>Page in Report:</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------</td>
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</tr>
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<td>Reported in:</td>
<td>Kammann, R.; Flett, R.</td>
<td></td>
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<tr>
<td>Sourcebook for Measuring Well-being with Affectometer 2.</td>
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<td>Population:</td>
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<td>Sample:</td>
<td></td>
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</tr>
<tr>
<td>Non-Response:</td>
<td>52%</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>112</td>
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</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>. HAP 3 by AFF 2 Code: H 6.1.2.15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Single direct question: &quot;Here are some circles that we can imagine to represent the lives of different people. Circle 8 has the plusses in it to represent a person who has all the good things in his life. Circle zero has all the minusses in it, representing a person who has all the bad things in his life. Which circle comes closest to matching your life?&quot; Rated on a pictorial scale of nine circles. See ANDRE 1976 (HAPP. 3.1)</td>
</tr>
</tbody>
</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>A-BK/cw/mq/v/5/a</td>
<td>r=+.75</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
### Study

**VERKU 1986**

**Reported in:** Verkuyten, M.
The impact of ethnic and sex differences on happiness among adolescents in the

**Population:** Adolescents, autochtones and allochtones, Rotterdam, The Netherlands, 1984

**Sample:**

<table>
<thead>
<tr>
<th>Non-Response</th>
<th>N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>104 Dutch, 157 Ethnic Immigrants</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** HAP 3 by AFF 2 Code: H 6.1.2.15

**Measurement:** Index of closed questions on perceived occurrence of specific affects during the past few weeks (Bradburn Affect Balance Scale, 1969). (AFF 2.3)

**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/b</td>
<td>r=.33</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>r=.33</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 153 of 303
Findings on Happiness & HAPPINESS: CURRENT LEVEL  Correlate Code: H 6

Study  GORMA 1971  Page in Report:  216

Reported in: Gorman, B.S.
A multivariate study of the relationship of cognitive control and cognitive style
Unpublished doctoral dissertation, 1971, City University of New York, USA

Population: Undergraduate students, Nassau Community College, USA, 1970

Sample:
Non-Response: 4%, 3% refusal, 1% incomplete information
N: 67

Measured Correlate

Class: . HAP 3 by AFF 3 Code: H 6.1.2.16

Measurement: Repeated closed question rated on a 10-point scale, scored every night for 28 consecutive days (Wessman & Ricks Elation - Depression Scale; see above) (AFF 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-BW/c/sq/l/11/b  r=.26  Mean daily average mood: r = +.26 (05)
  Mean daily highest mood: r = +.29 (05)
  Mean daily lowest mood: r = +.16 (ns)
### 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:** . HAP 4 by AFF 2 Code: H 6.1.2.22

**Measurement:** Index of single direct questions (HAP 4.1) asked twice during the interview.
Joint score is arithmetic mean of separate scores. (HAP 4.2)

**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=.48</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**ANDRE 1976/3**

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

### Measured Correlate

**Class:** . HAP 4 by AFF 2  Code: H 6.1.2.22

**Measurement:** 10-item index of closed questions on specific affects during the past few weeks (Bradburn Affect Balance Score) (AFF 2.3)

**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 | mr=+.45    | AFF 2.3 by HAP 4.1 asked first: r=+.44  
                 |            | AFF 2.3 by HAP 4.1 asked last : r=+.45 |
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: | . HAP 4 by AFF 2 Code: H 6.1.2.22
Measurement: | Closed question: “How do you feel about your life as a whole?”
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/
mixed/ mostly satisfied/ pleased/ delighted. (HAP 4.1; this item
is part of HAP 4.2 which is the mean score of HAP 4.1 asked twice)
The interval was about 8 to 12 minutes.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness
---
Happiness Query | Statistics | Remarks
---|---|---
A-BB/cm/mg/v/2/a | mr=.45 | AFF 2.3 by HAP 4.1 asked first: r=.44
| | | AFF 2.3 by HAP 4.1 asked last : r=.45

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**  
**ANDRE 1976/5**  
**Page in Report:** 92  
**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:** . HAP 4 by AFF 2 Code: H 6.1.2.22  
**Measurement:**  
10-item index of closed questions on specific affects (Bradburn Affect Balance Score); rated on a 4-point scale ranging from 'never felt' to 'felt a lot'. (AFF 2.3)  
**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/sq/v7/a   | mr=.40     | HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Correlations with AFF.2.3 (asked once):  
HAP 4.1 asked first : r=+.40  
HAP 4.1 asked second: r=+.40  
HAP 4.1 asked third : r=+.40  
Index of positive affects:  
HAP 4.1 asked first : r=+.30  
HAP 4.1 asked second: r=+.40  
HAP 4.1 asked third : r=+.40  
Index of negative affects:  
HAP 4.1 asked first : r=+.30  
HAP 4.1 asked second: r=+.30  
HAP 4.1 asked third : r=+.20 |

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 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: HAP 4 by AFF 2 Code: H 6.1.2.22  
Measurement: Closed question scale: "How do you feel about your life as a whole?"  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted  
(HAP 4.1)

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>mr=-.13</td>
<td>HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Correlations with AFF 2.3 (asked once): HAP 4.1 asked first: r=-.40 HAP 4.1 asked second: r=-.40 HAP 4.1 asked third: r=+.40</td>
</tr>
</tbody>
</table>

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

Correlate Code: H 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: HAP 5 by AFF 2 Code: H 6.1.2.29

Measurement:
Closed question: "How do you feel about how happy you are?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 5.1b)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a r=+.47

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

Correlate Code: H 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:* . HAP 5 by AFF 2 Code: H 6.1.2.29

*Measurement:* 10-item index of closed questions on specific affects during the past few weeks (Bradburn Affect Balance Score) (AFF 2.3)

*Measured Values:

*Error Estimates:

*Remarks:

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/u/sq/v/7/b  | $r = +.47$ | Index of positive affects: $r = +.36$  
Index of negative affects: $r = -.30$ |
**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:*  
*N:* 222  

**Measured Correlate**  
*Class:* . HAP 5 by AFF 2 Code: H 6.1.2.29  
*Measurement:* 10-item index of closed questions on specific affects (Bradburn Affect Balance Score); rated on a 4-point scale ranging from ‘never felt’ to ‘felt a lot’. (AFF 2.3)  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | r=-.50     | Index of positive affects: r=-.40  
Index of negative affects: r=+.30 |
**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:* . HAP 5 by AFF 2 Code: H 6.1.2.29

*Measurement:* 10-item index of closed questions on specific affects (Bradburn Affect Balance Score); rated on a 4-point scale ranging from 'never felt' to 'felt a lot'. (AFF 2.3)

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/u/sq/v/7/b  | r=+.40     | Index of positive affects: r=+.30  
|                 |            | Index of negative affects: r=-.30 |
### Study

<table>
<thead>
<tr>
<th><strong>Study</strong></th>
<th>ANDRE 1976/5</th>
</tr>
</thead>
</table>

**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:** . HAP 5 by AFF 2 Code: H 6.1.2.29

**Measurement:** Closed question rated on a graphic scale: "Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?" Rated on a 9-point scale ranging from a 8-plus-circle (8) to a 8-minus-circle (0). (HAP 5.1a)

**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=+.40</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 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: . HAP 5 by AFF 2 Code: H 6.1.2.29

Measurement: Closed question rated on a 7-point scale: 'How do you feel about how happy you are?'
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted.
(HAP 5.1b)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mg/v/2/a| r=+.40     | Index of positive affects: r=+.30
|                 |            | Index of negative affects: r=-.30 |
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:* . HAP 5 by AFF 2 Code: H 6.1.2.29

*Measurement:* 10-item index of closed questions on specific affects (Bradburn Affect Balance Score); rated on a 4-point scale ranging from 'never felt' to 'felt a lot'. (AFF 2.3)

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-GBB/u/sq/c/9/a | $r=+.40$ | Index of positive affects: $r=+.30$  
Index of negative affects: $r=+.20$ |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study

**WESSM 1966/2**

<table>
<thead>
<tr>
<th>Reported in:</th>
<th>Wessman, A.E. &amp; Ricks, D.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mood and personality</td>
<td>Holt, 1966, New York, USA</td>
</tr>
<tr>
<td>Population:</td>
<td>Male college students, followed 3 years, Harvard University, USA, 1957-60</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>37%: 9 dropouts, incomplete; about the same happiness distribution.</td>
</tr>
<tr>
<td>N:</td>
<td>17</td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>. HAP 7 by AFF 3 Code: H 6.1.2.42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Overall composite clinical rank on 'happiness - unhappiness'; using all clinical data and knowledge over a period of three years, including evidence of possible repressed or latent problems at deeper levels of the personality. (COMP 5)</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-ARE/md/sqr/v/10/</td>
<td>r=+.69</td>
<td>This clinical rank on happiness was made a half year after the Elation-Depression Scale (AFF 3.1) was administered (during 6 weeks). Correlations between this clinical rank on happiness and hedonic level, as assessed by the Elation-Depression Scale, were as follows: -with mean daily average mood : r = +.69 -with mean daily highest mood : r = +.48 -with mean daily lowest mood : r = +.42</td>
</tr>
</tbody>
</table>

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Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

### Study
- **SCHAE 1963/2**
- **Reported in:** Schaefer, E.S. & Bailey, N.
- Maternal behavior, child behavior and their intercorrelations from infancy through adolescence.
- **Population:** Girls, followed from age 0 to 18, Berkely, California, USA, 1929-47
- **Sample:** Measured Values:
- **Non-Response:** 19

### Measured Correlate
- **Class:** . HAP 7 by AFF 5 Code: H 6.1.2.45
- **Measurement:** Rating by four judges on the basis of notes on observations and interviews between age 12-18.
  - Ratings were made on two bi-polar 7 point adjective scales.
  - Sumscore based on ratings of:
    - gloomy
    - not cheerfull
  (AFF 5.1)

### Observed Relation with Happiness
<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-Sum/g/rc/v/7/a</td>
<td>r=+.60</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td><strong>HAP 7.3 assessed in the same vein.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sumscore of ratings on the adjectives:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>discontented</td>
<td></td>
<td></td>
</tr>
<tr>
<td>unhappy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dissatisfied</td>
<td></td>
<td></td>
</tr>
<tr>
<td>complaining</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Correlate Code: H 6**

<table>
<thead>
<tr>
<th>Study</th>
<th>BRADB 1969</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Bradburn, N.M.</td>
</tr>
<tr>
<td></td>
<td>The structure of psychological well-being</td>
</tr>
<tr>
<td></td>
<td>Aldine Publishing Company, 1969, Chicago, USA</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>21-60 aged, general public, urban areas, USA, 1963 - 64</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>± 20%, Attrition</td>
</tr>
<tr>
<td></td>
<td>± 30%</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>2787</td>
</tr>
</tbody>
</table>

#### Measured Correlate

- **Class:** . HAP 1 by CON 1 Code: H 6.1.3.1

**Measurement:** Single direct question: "When you think of the things you want from life, how would you say you are doing now in getting the things you want? (CON 1.1)

1 not too well
2 pretty well
3 very well

**Measured Values:**

**Error Estimates:**

**Remarks:** Data T1 + T3.

#### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=+</td>
<td>Males: G= +.74</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Females: G= +.77</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Data T1 + T3.</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study
Reported in: BULAT 1973

Measures of happiness among Manila residents

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

Sample:
Non-Response: -
N: 941

Measured Correlate

Class: . HAP 1 by CON 1 Code: H 6.1.3.1

Measurement:
Closed question: not doing too well vs doing pretty well (CON 1.1).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/f G=+.66 p<.01

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### 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:** HAP 1 by CON 1 Code: H 6.1.3.1

**Measurement:** Single closed question rated on a 7-point scale: How do you feel about what you are accomplishing in life, do you feel: completely satisfied / very satisfied / satisfied / satisfied-dissatisfied / dissatisfied / very dissatisfied / completely dissatisfied? (CON 1.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/7/a</td>
<td>r=+.37</td>
<td>p&lt;.05</td>
</tr>
</tbody>
</table>
### 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:** HAP 1 by CON 1 Code: H 6.1.3.1

**Measurement:** Single closed question rated on a 7-point scale: In general, how happy would you say you are these days, would you say you are: extremely happy / very happy / pretty happy / not too happy / a bit unhappy / pretty unhappy / very unhappy? (HAPP 1.1)

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-A/u/sq/v/7/a</td>
<td>r=.37</td>
<td>p&lt;.05</td>
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</table>
### Study

**MICHA 1980**  
*Reported in:*  
Michalos, A.C.  
Satisfaction and Happiness  
Social Indicators Research, Vol 8, 1980, 385-422  

*Population:*  
University staff members, Guelph Canada, 1979  

*Sample:*  
Non-Response: 59%  
N: 357

### Measured Correlate

*Class:* . HAP 1 by CON 1  
*Measurement:*  
Single closed question rated on a 7 point scale: Some people have certain goals or aspirations for various aspects of their lives. They aim for a particular sort of home, income, family life style and so on. Compared to your own general aims and goals, how would you say that your life measures up to it? (1 = not at all, 2 and 3: fairly poorly, 4 = half as well as your goal, 5 and 6: fairly well, 7 = matches your goal)?

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

### Observed Relation with Happiness

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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>O-HL/u/sq/v/7/a</td>
<td>r=.63</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.4</td>
<td>B controlled for best previous experience and average folks.</td>
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</tbody>
</table>
Study: MICHA 1982

Reported in: Michalos, A.C.

Population: 60+ aged, rural townships, Southern Huron County, Ontario, Canada, 198?

Sample: 37% Non-Response, N: 392

Measured Correlate

Class: . HAP 1 by CON 1 Code: H 6.1.3.1
Measurement: Closed question rated on a 7-point scale (CON 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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<th>Happiness Query</th>
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<tr>
<td>O-HL/u/sq/v/7/a</td>
<td>r=+.46</td>
<td>Controlled for best previous experience and life of average folks ß: +.36</td>
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### Study

**MICHA 1983**

*Reported in:* Michalos, A.C.

Satisfaction and happiness in a rural northern resource community


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

**Sample:**

**Non-Response:** 8%

**N:** 598

### Measured Correlate

**Class:** . HAP 1 by CON 1 Code: H 6.1.3.1

**Measurement:** Closed question rated on a 7 point scale: "Would you say that your life matches your own goals?"

1: Not at all

7: Matches your goal (CON 1.1)

### Observed Relation with Happiness

<table>
<thead>
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<th>Happiness Query</th>
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<td>O-HL/u/sq/v/7/a</td>
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<td>Beta=+.3</td>
<td>B controlled for life compared with best previous experience, life of average folks and 5 year expectation</td>
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## Study

**WESSM 1956**

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

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

**Sample:**

**Non-Response:** -

**N:** 2377

### Measured Correlate

**Class:** . HAP 1 by CON 1 Code: H 6.1.3.1

**Measurement:** Open-ended direct question on unfulfilled aspirations (CON 1.3):
0 Mentions unfulfilled aspirations 1 Says to have no unfulfilled aspirations

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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<td>O-HL/g/sq/v/3/c</td>
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<td>See also under &quot;Perceived unfulfilled aspirations&quot; (H. 3.3.2)</td>
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</table>
### 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:** . HAP 2 by CON 1 Code: H 6.1.3.3

**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>
<th>Statistics</th>
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<tr>
<td>O-SLu/c/sql/l11/a</td>
<td>r=+.45</td>
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</tr>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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, Winconsin USA, 1974

*Sample:*

*Non-Response:*

*N:* 548

**Measured Correlate**

*Class:* . HAP 2 by CON 1 Code: H 6.1.3.3

*Measurement:* Single closed question rated on a 7-point scale: How do you feel about what you are accomplishing in life, do you feel: completely satisfied / very satisfied / satisfied / satisfied-dissatisfied / dissatisfied / very dissatisfaction / completely dissatisfied? (CON 1.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

*Happiness Query*  
O-SLW/u/sq/v/7/b

*Statistics*  
r=+.62  p<.05

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: . HAP 2 by CON 1 Code: H 6.1.3.3

Measurement: Single closed question rated on a 7-point scale: How do you feel about your life as a whole, do you feel: completely satisfied / very satisfied / satisfied / satisfied-dissatisfied / dissatisfied / very dissatisfied / completely dissatisfied? (HAPP 2.1)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
C-A/u/sq/v/7/a r=r+.62 p<.05

Workbook ID: 197724.11.10.25.7.358
### Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Correlate Code: H 6**

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

### Measured Correlate

- **Class:** . HAP 2 by CON 1 Code: H 6.1.3.3
- **Measurement:** Closed question rated on an 11-point self-anchoring scale (CON 1.1).
- **Measured Values:**
- **Error Estimates:**
- **Remarks:**

### Observed Relation with Happiness

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<tr>
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<tr>
<td>O-SLu/c/sq/l/11/a</td>
<td>$r = .45$</td>
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Study: MICHA 1980

Reported in: Michalos, A.C.
Satisfaction and Happiness
Social Indicators Research, Vol 8, 1980, 385-422

Population: University staff members, Guelph Canada, 1979

Sample: 59%
N: 357

Measured Correlate

Class: . HAP 2 by CON 1 Code: H 6.1.3.3
Measurement: Single closed question rated on a 7 point scale: Some people have certain goals or aspirations for various aspects of their lives. They aim for a particular sort of home, income, family life style and so on. Compared to your own general aims and goals, how would you say that your life measures up to it? (1 = not at all, 2 and 3: fairly poorly, 4 = half as well as your goal, 5 and 6: fairly well, 7 = matches your goal)?

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/c/sq/v/7/aa r=+.64 Controlled for best previous experience and life compared with average folks.

Beta=+.5
**Study**  
**MICHA 1982**

*Reported in:* Michalos, A.C.  
The satisfaction and happiness of some senior citizens in rural Ontario  

Population: 60+ aged, rural townships, Southern Huron County, Ontario, Canada, 198?

**Sample:**
Non-Response: 37%  
N: 392

---

**Measured Correlate**

Class: HAP 2 by CON 1 Code: H 6.1.3.3

Measurement: Closed question rated on a 7-point scale (CON 1.1)

Measured Values:

Error Estimates:

Remarks

---

**Observed Relation with Happiness**

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Findings on Happiness & HAPPINESS: CURRENT LEVEL  

<table>
<thead>
<tr>
<th>Study</th>
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<tbody>
<tr>
<td>Reported in:</td>
<td>Michalos, A.C.</td>
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<td>Satisfaction and happiness in a rural northern resource community</td>
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<td>Population: 18+ aged, rural community, N.Ontario, Canada, 1982</td>
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<tr>
<td>Sample:</td>
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<td>Non-Response: 8%</td>
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<td></td>
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<td>N: 598</td>
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</table>

**Measured Correlate**

- **Class**: . HAP 2 by CON 1 Code: H 6.1.3.3
- **Measurement**: Closed question rated on a 7 point scale: "Would you say that your life matches your own goals?"
  - 1: Not at all
  - 7: Matches your goal (CON 1.1)

**Measured Values**

**Error Estimates**

**Remarks**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<td>O-DT/c/sq/v/7/aa</td>
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<td></td>
<td>Beta=+.4</td>
<td>Controlled for previous best experience, life compared with average folks and 5 years expectation</td>
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</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

---

**Study**  
**SNIDE 1980**  
*Reported in:* Snider, E.L.  
*Explaining lifesatisfaction: It's the elderly's attitude that co that counts.*  
*Social Science Quarterly, 1980, vol. 61, nr 2, p. 253-263*  
*Population:* 65+ aged, retired whites, Edmonton, Canada, 1976  
*Sample:*  
*Non-Response:* 10%  
*N:* 428

---

**Measured Correlate**  
*Class:* . HAP 2 by CON 1 Code: H 6.1.3.3  
*Measurement:* Single direct question.  
*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

---

**Observed Relation with Happiness**  
*Happiness Query*  
*Statistics*  
*Remarks*  
O-SLu/g/sq/v/3/a  
r+=.27  
p<.001
## Findings on Happiness & HAPPINESS: CURRENT LEVEL

### Correlate Code: H 6

#### TOWNS 1981

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

**Population:** 18+ aged, white women, USA, 1972

**Sample:**

**Non-Response:**

**N:** 946

---

### Measured Correlate

**Class:** . HAP 2 by CON 1 Code: H 6.1.3.3

**Measurement:**

"Up to now have you been able to satisfy most of your ambitions in life(1) or have you had to settle for less than you hoped for? (2)" (CON 1.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<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 185 of 303
<table>
<thead>
<tr>
<th>Study</th>
<th>BORTN 1970</th>
<th>Page in Report: 44</th>
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<tbody>
<tr>
<td>Reported in:</td>
<td>Bortner, R.W. &amp; Hultsch, D.F.</td>
<td></td>
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<tr>
<td>A multivariate analysis of correlates of life satisfaction in adulthood</td>
<td></td>
<td></td>
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<td>Population:</td>
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**Measured Correlate**

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<tbody>
<tr>
<td>Measurement:</td>
<td>Closed question rated on an 11-point self-anchoring scale (Cantril ladder; see CANTR 1965).</td>
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**Observed Relation with Happiness**

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

<table>
<thead>
<tr>
<th>CANTR 1965/2</th>
</tr>
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</table>

*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

---

**Measured Correlate**

*Class:* HAP 3 by CON 1 Code: H 6.1.3.5

*Measurement:* Closed question rated on an 11-point self-anchoring scale (CON 1.1).

*Measured Values:* 268/415

*Error Estimates:* -

*Remarks:* -

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**Observed Relation with Happiness**

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

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<th>Study</th>
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<td>Reported in:</td>
<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>
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<tr>
<td></td>
<td>Plenum Press, 1976, New York, USA</td>
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<tr>
<td>Population:</td>
<td>18+ aged, general public, non institutionalized, USA, 1972/11</td>
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<td>Sample:</td>
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<td>Non-Response:</td>
<td>38%</td>
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World Database of Happiness: www.eur.nl/fsw/research/happiness
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### 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:* HAP 1 by MIX 1 Code: H 6.1.4.1  

*Measurement:* Closed question rated on a graphic scale: "Where would you put your life as a whole on a feeling thermometer?", ranging from very cold, negative to very warm, positive. (MIX 1.1)

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
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<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>r = +.39</td>
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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:** HAP 1 by MIX 1 Code: H 6.1.4.1
- **Measurement:** Closed question rated on a 3-point scale: 'Taking all things together, how would you say things are these days - would you say you're very happy, pretty happy, or not too happy these days?' Rated on a 3-point scale ranging from very happy (3), pretty happy (2) not too happy (1). (HAP 1.1)
- **Measured Values:**
- **Error Estimates:**
- **Remarks:**

### Observed Relation with Happiness

<table>
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<td>O-SLW/u/sq/1/f/7/a</td>
<td>r=.60</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

Sample:
Non-Response:
N: 222

Measured Correlate

Class: . HAP 1 by MIX 1 Code: H 6.1.4.1

Measurement: Closed question rated on a graphic scale: 'Which face comes closest to expressing how you feel about your life as a whole?'
Rated on a 7-point pictoral scale ranging from faces with varying smiles (7) to varying frowns (1). (MIX 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/aa r=-.60

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

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: . HAP 1 by MIX 1 Code: H 6.1.4.1

Measurement: Closed question: “Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?... pleased... mostly satisfied... mixed - about equally satisfied and dissatisfied... mostly dissatisfied... unhappy... terrible...”
Measure: number of weeks felt unhappy

Measured Values:

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/aa r=+.30
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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:* . HAP 1 by MIX 1 Code: H 6.1.4.1

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*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
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<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>r=-.30</td>
<td></td>
</tr>
</tbody>
</table>

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 193 of 303
**Study**

**BRENN 1975A**

**Reported in:** Brenner, B.  
Quality of affect and self-evaluated happiness  

**Population:** 18+ aged, general public, Washington County, Maryland, USA, 1973-74

**Sample:**

**Non-Response:** 25%

**N:** 916

---

**Measured Correlate**

**Class:** .HAP 1 by MIX 1 Code: H 6.1.4.1

**Measurement:** Two-item index of closed questions on enjoying life and feeling downcast or dejected (MIX 1.2a) (Two Component Quality of Affect Scale)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

**Happiness Query**

**Statistics**

**Remarks**

O-HL/c/sq/v/3/aa  
G=+.59 p<.001 Unaffected by sex, age and educational level
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

---

**Study**  
**BRENN 1975A**  

*Reported in:* Brenner, B.  
Quality of affect and self-evaluated happiness  
*Social Indicators Research, 1975, vol. 2, p. 315-331*  

*Population:* 18+ aged, general public, Washington County, Maryland, USA, 1973-74

*Sample:*  
Non-Response: 25%  
N: 916

---

**Measured Correlate**  

*Class:* . HAP 1 by MIX 1 Code: H 6.1.4.1  

*Measurement:* Closed question: “never / rarely / occasionally / fairly often / very often”

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

---

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | G=+.84 p<.001 | Unaffected by sex, age and educational level  
|                 |            | When feeling downcast or dejected and usual affect are kept constant: Gs = +.79 (001) |

---

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World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 195 of 303
### Study

**BRENN 1975A**

- **Reported in:** Brenner, B.
  
  Quality of affect and self-evaluated happiness
  
  
  **Population:** 18+ aged, general public, Washington County, Maryland, USA, 1973-74
  
  **Sample:**
  
  **Non-Response:** 25%
  
  **N:** 916

### Measured Correlate

- **Class:** . HAP 1 by MIX 1 Code: H 6.1.4.1
  
  **Measurement:** 3-item index of closed questions on enjoying life, feeling downcast or dejected, and usual affect (question on spirits) (MIX 1.2b) (Three Component Quality of Affect Scale)

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=+.62</td>
<td>Unaffected by sex, age and educational level</td>
</tr>
</tbody>
</table>
### Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
<thead>
<tr>
<th>Study</th>
<th>LEE 1982</th>
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<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Lee Hongkoo, Kyong-Dong Kim, and Doh C. Shin</td>
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<td><strong>Population:</strong></td>
<td>Parents with unmarried children at home, South Korea, 1980</td>
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<tr>
<td><strong>Sample:</strong></td>
<td></td>
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<tr>
<td><strong>Non-Response:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>1500</td>
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### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>. HAP 1 by MIX 1 Code: H 6.1.4.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td>Single direct question about level of happiness: not too happy, pretty happy, very happy. (HAPP 1.1)</td>
</tr>
<tr>
<td><strong>Measured Values:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Error Estimates:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Remarks:</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-TH/g/sq/v/4/a</td>
<td>r=+42</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**ALGEM 1982**

- **Reported in:** Algemeen Dagblad
- **We're very happy**
- **Unpublished report nr. 3810, "Centrum voor marketing analyses en soc. wet. onderzoek bv", Amsterdam, NL, 1982**
- **Population:** 18+ aged, general public, The Netherlands, 1982
- **Sample:**
- **Non-Response:** 5%
- **N:** 300

### Measured Correlate

- **Class:** HAP 2 by MIX 1 Code: H 6.1.4.6
- **Measurement:** Closed question: Considering your daily life, are you
  1. unsatisfied
  2. neither satisfied nor unsatisfied
  3. satisfied

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-FH/u/sq/v/3/b</td>
<td>G=+.78  p&lt;.01</td>
<td>% happy</td>
</tr>
<tr>
<td>tc=+.40</td>
<td>1. unsatisfied 38.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. in between 67.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. satisfied 93.6</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**ANDRE 1976/2**

*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:* 24%

*N:* 1118

---

**Measured Correlate**

*Class:* . HAP 2 by MIX 1 Code: H 6.1.4.6

*Measurement:* Closed question rated on a 7-point scale: “How satisfied are you with your life as a whole these days?”, ranging from completely satisfied to completely dissatisfied. (HAP 2.1a)

---

**Observed Relation with Happiness**

*Happiness Query*  
O-SLW/u/sq/t/101/a

*Statistics*  
$r=+.46$

*Remarks*
Findings on Happiness & HAPPINESS: CURRENT LEVEL  Correlate Code: H 6

Study  ANDRE 1976/2  Page in Report:  85

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:  24%
N:  1118

Measured Correlate

Class:  . HAP 2 by MIX 1 Code: H 6.1.4.6
Measurement:  Closed question rated on a graphic scale: 'Where would you put your life as a whole on a feeling thermometer?', ranging from very cold, negative to very warm, positive. (MIX 1.1)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLW/c/sq/n/7/a  r=+.46
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 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: . HAP 2 by MIX 1 Code: H 6.1.4.6

Measurement: Closed question rated on a graphic scale: "Where would you put your life as a whole on a feeling thermometer?", ranging from very cold, negative to very warm, positive. (MIX 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLL/c/sq/v/3/a r=-.41
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* . HAP 2 by MIX 1 Code: H 6.1.4.6

*Measurement:* Closed question rated on a 3-point scale: "In general, how satisfying do you find the way you're spending your life these days? Would you call it completely satisfying, pretty satisfying, or not very satisfying?" (HAPP 2.1b)

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/t/101/a</td>
<td>r=-.41</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL  

**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:*  
.HAP 2 by MIX 1 Code: H 6.1.4.6  
*Measurement:*  
Closed question: “How satisfied are you with your life as a whole these days?”, Rated on a 7-point scale ranging from completely satisfied to completely dissatisfied. (HAPP 2.1a)  
*Measured Values:*  
*Error Estimates:*  
*Remarks:* 

**Observed Relation with Happiness**  
*Happiness Query*  
*Statistics*  
*Remarks*  
O-SLW/u/sq/t/101/a  
r = +.47
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* . HAP 2 by MIX 1 Code: H 6.1.4.6

*Measurement:* Closed question rated on a graphic scale: "Where would you put your life as a whole on a feeling thermometer?", ranging from very cold, negative to very warm, positive. (MIX 1.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

*Happiness Query*  
O-SLW/c/sq/n/7/a

*Statistics*  
\( r = +.47 \)

*Remarks*
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 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: . HAP 2 by MIX 1 Code: H 6.1.4.6

Measurement: Closed question rated on a graphic scale: 'Where would you put your life as a whole on a feeling thermometer? ', ranging from very cold, negative to very warm, positive. (MIX 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cm/mq/v/2/a  r=+.32
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: HAP 2 by MIX 1 Code: H 6.1.4.6

Measurement:
Index consisting of two closed questions:
1. "Talking 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?"
2. "How often do you feel you are really enjoying life?"
   1: rarely, 2: now and then, 3: fairly often, 4: all the time.
Loadings of both items were determined by factor-analysis. See Indicator MIX 1.2

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-Sum/u/mq**/0/b</td>
<td>r=+.85</td>
<td>p&lt;.01 Immigrants from Western Europe</td>
</tr>
<tr>
<td></td>
<td>r=+.71</td>
<td>p&lt;.01 Immigrants from Eastern and Southern Europe</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & HAPPINESS: CURRENT LEVEL  Correlate Code: H 6

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

Sample:
Non-Response:  T1: 18%, T2: 14%, T3: 23%
N:  T1: 146, T2: 154, T3: 137

Measured Correlate

Class:  HAP 2 by MIX 1 Code: H 6.1.4.6
Measurement:  Single direct question: 'I am happy most of the time' in 20-item anxiety index, rated on a 2-point scale, ranging from (0) true to (1) false. (order reversed) (MIX 1.1)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-DT/u/sq/l7/a  r=+  T1:  +.43 (01)
                   T2:  +.35 (01)
                   T3:  +.44 (01)
Both variables assessed at T1, T2 and T3.
Correlations concern same time measures.
### Findings on Happiness & HAPPINESS: CURRENT LEVEL

#### Correlate Code: H 6

<table>
<thead>
<tr>
<th>Study</th>
<th>Page in Report: 311</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Lee Hongkoo, Kyong-Dong Kim, and Doh C. Shin</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Parents with unmarried children at home, South Korea, 1980</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>1500</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Measured Correlate

- **Class:** . HAP 2 by MIX 1 Code: H 6.1.4.6
- **Measurement:** Single direct question on frequency of life enjoyment: rarely; now and then; fairly often; all the time. (MIX 1.1)

#### Measured Values:

- **Error Estimates:**
- **Remarks:**

#### Observed Relation with Happiness

- **Happiness Query:** O-SLW/c/sq/l/11/a
- **Statistics:** $r = +28$
- **Remarks:**

---

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 208 of 303
Study | HADAW 1978
---|---
**Reported in:** | Hadaway, C.K.
Life satisfaction and religion: a reanalysis
**Population:** | 18+ aged, general public, non-institutionalized, USA, 1971
**Sample:** | 
**Non-Response:** | 
**N:** | 2164

**Measured Correlate**

**Class:** | . HAP 2 by MIX 2 Code: H 6.1.4.7
**Measurement:** | Respondents were asked to rate "satisfaction with life as a whole" on a 7-point scale varying from "completely satisfied" to "completely dissatisfied". (HAPP 2.1)

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

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/c/sq/n/7/b</td>
<td>r = .44</td>
<td>p &lt; .01</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: . HAP 3 by MIX 1 Code: H 6.1.4.12

Measurement: Closed question rated on a graphic scale: "Which face comes closest to expressing how you feel about your life as a whole?"
Rated on a 7-point pictorial scale ranging from faces with varying smiles (7) to varying frowns (1). (MIX 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-BW/cy/sq/l/9/a r=+.40
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:* . HAP 3 by MIX 1 Code: H 6.1.4.12

*Measurement:* Closed question: “Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most- ly satisfied...mixed - about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible..."

*Measured Values:

*Error Estimates:

*Remarks:

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/cy/sq/l9/a</td>
<td>r=+.30</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* . HAP 3 by MIX 1 Code: H 6.1.4.12

*Measurement:* Closed question rated on a graphic scale: "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?"

Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/f/7/a</td>
<td>r=+.40</td>
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</table>

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

**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:* 222

*Measured Correlate*

*Class:* . HAP 3 by MIX 1 Code: H 6.1.4.12

*Measurement:* Closed question: “Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most- ly satisfied...mixed - about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible...”

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/cy/sq/l/9/a</td>
<td>r=-.40</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL Correlate Code: H 6

**Study**  
**ANDRE 1976/2**  
*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:* 24%  
*N:* 1118

**Measured Correlate**  
*Class:* . HAP 4 by MIX 1 Code: H 6.1.4.18  
*Measurement:* Closed question rated on a graphic scale: "Where would you put your life as a whole on a feeling thermometer?", ranging from very cold, negative to very warm, positive. (MIX 1.1)  
*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

**Observed Relation with Happiness**  
*Happiness Query*  
*Statistics*  
*Remarks*  
O-DT/u/sq/v/7/a  
$r = +.49$
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**ANDRE 1976/2**

*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:* 24%

*N:* 1118

---

**Measured Correlate**

*Class:* . HAP 4 by MIX 1 Code: H 6.1.4.18

*Measurement:* Closed question rated on a 7-point scale: "How do you feel about your life as a whole?" terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted (HAP 4.1)

---

**Observed Relation with Happiness**

**Happiness Query**

O-SLW/u/sq/t/101/a

**Statistics**

$r=+.49$

**Remarks:**

---
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* . HAP 4 by MIX 1 Code: H 6.1.4.18

*Measurement:* Closed question: "How do you feel about your life as a whole?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted. (HAP 4.1; this item is part of HAP 4.2 which is the mean score of HAP 4.1 asked twice)
The interval was about 8 to 12 minutes.

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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</table>
| O-SLW/u/sq/t/101/a | mr=+.50 | MIX 1.1 by HAP 4.1 asked first: r=+.51
|                 |            | MIX 1.1 by HAP 4.1 asked last: r=+.49 |

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 216 of 303
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: | . HAP 4 by MIX 1 Code: H 6.1.4.18
Measurement: | Closed question rated on a graphic scale: "Where would you put your life as a whole on a feeling thermometer?", ranging from very cold, negative to very warm, positive. (MIX 1.1)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness
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| O-DT/u/sqt/v/7/a | mr=+.50 | MIX 1.1 by HAP 4.1 asked first: r=+.51
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World Database of Happiness: www.eur.nl/fsw/research/happiness
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<td>Non-Response:</td>
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**Measured Correlate**

| Class: | HAP 4 by MIX 1 Code: H 6.1.4.18 |
| Measurement: | Closed question rated on a graphic scale: "Where would you put your life as a whole on a feeling thermometer?", ranging from very cold, negative to very warm, positive. (MIX 1.1) |

**Observed Relation with Happiness**

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: . HAP 4 by MIX 1 Code: H 6.1.4.18
Measurement: Closed question rated on a graphic scale: 'Which face comes closest to expressing how you feel about your life as a whole?'
Rated on a 7-point pictoral scale ranging from faces with varying smiles (7) to varying frowns (1). (MIX 1.1)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/u/sq/v/7/a mr=.57

HAP 4.1 asked thrice during the interview:
at the beginning, in the middle and at the end.
HAP 4.1 asked first: r=.60
HAP 4.1 asked second: r=.60
HAP 4.1 asked third: r=.50

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: . HAP 4 by MIX 1 Code: H 6.1.4.18

Measurement: Closed question scale: "How do you feel about your life as a whole?"
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted (HAP 4.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query   Statistics   Remarks
O-SLW/u/sq/f/7/a   mr=+.57   HAP 4.1 asked thrice during the interview:
at the beginning, in the middle and at the end.
Correlations with MIX 1.1 (asked once):
HAP 4.1 asked first: r=+.60
HAP 4.1 asked second: r=+.60
HAP 4.1 asked third: r=+.50
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: | . HAP 4 by MIX 1 Code: H 6.1.4.18
Measurement: | Closed question: "Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?... pleased... most- ly satisfied... mixed - about equally satisfied and dissatisfied... mostly dissatisfied... unhappy... terrible..."

Measured Values: | 
Error Estimates: | 
Remarks: | 

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
---|---|---
O-DT/u/sq/v/7/a | mr=+.33 | HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.30 HAP 4.1 asked second: r=+.40 HAP 4.1 asked third : r=+.30
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* HAP 4 by MIX 1 Code: H 6.1.4.18

*Measurement:* Closed question: “Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most-ly satisfied...mixed - about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible...”

*Measure: number of weeks felt unhappy*

**Observed Relation with Happiness**

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<td>HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first: r=-.40 HAP 4.1 asked second: r=-.40 HAP 4.1 asked third: r=-.40</td>
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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:* HAP 5 by MIX 1 Code: H 6.1.4.24  

*Measurement:* Closed question rated on a graphic scale: 'Where would you put your life as a whole on a feeling thermometer?*, ranging from very cold, negative to very warm, positive. (MIX 1.1)  

**Measured Values:**  

**Error Estimates:**  

**Remarks:**

**Observed Relation with Happiness**

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### 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

**Non-Response:** 38%

**N:** 1072

### Measured Correlate

*Class:* . HAP 5 by MIX 1 Code: H 6.1.4.24

*Measurement:* Closed question: "How do you feel about how happy you are?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted (HAP 5.1b)

### Observed Relation with Happiness

<table>
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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 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: . HAP 5 by MIX 1 Code: H 6.1.4.24

Measurement: Closed question rated on a graphic scale: "Which face comes closest to expressing how you feel about your life as a whole?"
Rated on a 7-point pictorial scale ranging from faces with varying smiles (7) to varying frowns (1). (MIX 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
O-GBB/u/sq/c/9/a | r=+.40 |
**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

*Non-Response:* N: 222

---

**Measured Correlate**

*Class:* . HAP 5 by MIX 1 Code: H 6.1.4.24

*Measurement:* Closed question: "Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most- ly satisfied...mixed - about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible..."

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

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Findings on Happiness & HAPPINESS: CURRENT LEVEL  Correlate Code: H 6

Study  ANDRE 1976/5

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Social Indicators of Well-being: Americans' Perceptions of Life Quality
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Population:  18+ aged, general public, non-institutionalized, USA, 1973/7

Sample:

Non-Response:

N:  222

Measured Correlate

Class:  . HAP 5 by MIX 1 Code: H 6.1.4.24

Measurement:  Closed question: "Think back over what your life has been like
during the past ten weeks. It may help to try to remember some of
the specific things that happened to you, or which you did during
this period. Your answers should add up to ten weeks. For what
part of that time did you feel delighted about your life as a
whole?...pleased...most-
ly satisfied...mixed - about equally satisfied and
dissatisfied...mostly
dissatisfied...unhappy...terrible..."
Measure: number of weeks felt unhappy

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-GBB/u/sq/c/9/a  r=-.40
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

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

Sample:

Non-Response:

N: 222

Measured Correlate

Class: . HAP 5 by MIX 1 Code: H 6.1.4.24

Measurement: Closed question rated on a 7-point scale: "How do you feel about how happy you are?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted.
(HAP 5.1b)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/u/sq/l/7/a r=+.60

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

Correlate Code: H 6

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

Sample:

Non-Response:
N: 222

Measured Correlate

Class: . HAP 5 by MIX 1 Code: H 6.1.4.24

Measurement: Closed question rated on a graphic scale: 'Which face comes closest to expressing how you feel about your life as a whole?'
Rated on a 7-point pictoral scale ranging from faces with varying smiles (7) to varying frowns (1). (MIX 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/u/sq/v/7/b r=+.60

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Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

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Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 231 of 303
## Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Correlate Code:** H 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:** . HAP 5 by MIX 1 Code: H 6.1.4.24

**Measurement:** Closed question rated on a graphic scale: "Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?" Rated on a 9-point scale ranging from a 8-plus-circle (8) to a 8-minus-circle (0). (HAP 5.1a)

### 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 233 of 303
Findings on Happiness & HAPPINESS: CURRENT LEVEL  Correlate Code: H 6

Study  NOELL X  Page in Report: 223

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

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

Sample:

Non-Response: 1041

Measured Correlate

Class: . AFF 1 by AFF 1 Code: H 6.2.2.1

Measurement: Allensbacher Ausdrücktest:
Interviewer rating of cheerful appearance on the following aspects:
look, mouth, posture, movements, eyes, elbow, lips and general cheery full appearance (AFF 5.3)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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AFF 5.3a is the last item in the Allensbacher Ausdrücktest (general cheerfull appearance).
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**MATLI 1966/1**

*Reported in:* Matlin, N.

The demography of happiness

University of Puerto Rico, School of Medicine, Department of Public Health, 1966, San Juan.

*Population:* 20+ aged, general public, Puerto Rico, 1963-64

*Sample:* 

*Non-Response:* 

*N:* 1417 (excluding validation sample)

---

**Measured Correlate**

*Class:* AFF 1 by AFF 2 Code: H 6.2.2.2

*Measurement:* Question: very low spirits / low spirits / good spirits / very good spirits most of the time (AFF 1.1)

*Measured Values:* 

*Error Estimates:* 

*Remarks:* 

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cw/mq/v/2/a | G=+.56 p<.01 | Index of Positive Affects: G' = +.09 (ns)  
Index of Negative Affects: G' = -.59 (.01) |

---

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### Study KAMMA 1983/2

**Reported in:** Kammann, R.; Flett, R.  
Sourcebook for Measuring Well-being with Affectometer 2.  

**Population:** 18+ aged, general public, Dunedin, New Zealand, 1983

**Sample:**

<table>
<thead>
<tr>
<th>Non-Response</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>52%</td>
<td>112</td>
</tr>
</tbody>
</table>

**Measured Correlate**

**Class:** AFF 2 by AFF 2 Code: H 6.2.2.8

**Measurement:** 10 item index of positive and negative affects in the past few weeks.  
BRABD 1969 (AFF. 2.3)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BK/cw/mq/v/5/a | r = +.63, p < .01 | The happiness measure used here (AFF. 2.3c) is a 96 item index of good and bad feelings over the past week (KAMMANN’s Affectometer 1)
### Study

**HARDE 1969**

**Reported in:** Harder, J.M.  
Self-actualization, mood, and personality adjustment in married women.  
Unpublished doctoral dissertation, 1969, Teachers College, Columbia University, USA

**Population:** Married females, USA, 196?

**Sample:**

**Non-Response:** -

**N:** 62

### Measured Correlate

**Class:** . AFF 2 by AFF 3  
Code: H 6.2.2.9

**Measurement:** Repeated closed question rated on a 10-point scale, scored every night during three weeks (Wessman & Ricks Elation-Depression Scale) (AFF 3.2)

### Measured Values

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/cy/sq/v/10/a | r = +.21 (ns) | Daily average mood: r = +.21 (ns)  
Daily highest mood: r = +.29 (05)  
Daily lowest mood: r = +.22 (ns) |
**Findings on Happiness & HAPPINESS: CURRENT LEVEL**

**Correlate Code: H 6**

<table>
<thead>
<tr>
<th>Study</th>
<th>RAMZY 1973</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Ramzy-Saleh Guirguis, N. &amp; Hermans, H.J.M.</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>47%</td>
</tr>
<tr>
<td>N:</td>
<td>89</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measured Correlate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class:</td>
</tr>
<tr>
<td>Measurement:</td>
</tr>
<tr>
<td>Measured Values:</td>
</tr>
<tr>
<td>Error Estimates:</td>
</tr>
<tr>
<td>Remarks:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Observed Relation with Happiness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Happiness Query</td>
</tr>
<tr>
<td>A-ARE/md/sqr/v/10/</td>
</tr>
</tbody>
</table>

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**Study** NOELL 1977/3

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

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

**Sample:**

**Non-Response:**

**N:** 1041

---

### Measured Correlate

**Class:** . AFF 2 by AFF 5 Code: H 6.2.2.11

**Measurement:** 8-item interviewer rating of cheerful appearance in look mouth, posture, movements, elbows, lips and general appearance. Allensbacher Ausdrucktest (AFF 5.3)

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v/2/a</td>
<td>G=+.44</td>
<td>Males</td>
</tr>
<tr>
<td></td>
<td>G=+.40</td>
<td>Females</td>
</tr>
<tr>
<td></td>
<td>G=+.40</td>
<td>Age 45-</td>
</tr>
<tr>
<td></td>
<td>G=+.39</td>
<td>Age 45+</td>
</tr>
<tr>
<td></td>
<td>G=+.35</td>
<td>Good health</td>
</tr>
<tr>
<td></td>
<td>G=+.36</td>
<td>Bad health</td>
</tr>
</tbody>
</table>

Data reported in NOELL 1978 table 12
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

Study: CAMER 1975

Reported in: Cameron, P.
Mood as an Indicant of Happiness: Age, Sex, Social Class and Situational

Population: College students, Detroit, USA, 197?

Sample:

Non-Response: ?

N: 187

Measured Correlate

Class: AFF 3 by AFF 3 Code: H 6.2.2.14

Measurement: Time sampling, the question asked 21 times during 10 weeks: "How
would you characterize your mood or impulse of the last instant
(happy, neutral or sad)?" (AFF 3.2)

Measured Values:

Error Estimates:

Remarks: Frequency of happy and unhappy mood were unrelated, frequency of happy mood
correlated with frequency of neutral mood (r=-.41 001),
frequency of unhappy mood correlated with frequency of neutral mood (r=-.35
001).

Observed Relation with Happiness

Frequency of happy and unhappy mood were unrelated, frequency of happy mood correlated
with frequency of neutral mood (r=-.41 001),
frequency of unhappy mood correlated with frequency of neutral mood (r=-.35 001).
Findings on Happiness & HAPPINESS: CURRENT LEVEL  

Correlate Code: H 6

<table>
<thead>
<tr>
<th>Study</th>
<th>FORDY 1972</th>
<th>Measurement:</th>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Fordyce, M.W.</td>
<td>Happiness, its daily variation and its relation to values</td>
<td></td>
</tr>
<tr>
<td>Unpublished doctoral dissertation, 1972, United States International University, USA.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>University students, California, USA, 1971</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>86</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>. AFF 3 by AFF 3 Code: H 6.2.2.14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Difference score between percent of day in happy moods and percent of day in unhappy moods (AFF 3.2).</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-ARE/md/sqr/v/10/</td>
<td>r=.87</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

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Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

Study  
**FORDY 1972**

Reported in: Fordyce, M.W.  
Happiness, its daily variation and its relation to values  
Unpublished doctoral dissertation, 1972, United States International University, USA.  

Population: University students, California, USA, 1971  
Sample:  
Non-Response: -  
N: 86

Measured Correlate  
Class: Aff 3 by AFF 3 Code: H 6.2.2.14

Measurement: Ratio of percent of day in happy moods over percent of day in unhappy moods (AFF 3.2).

Measured Values:

- Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>% happy moods</td>
<td>r = +.83 (01)</td>
<td></td>
</tr>
<tr>
<td>% neutral moods</td>
<td>r = -.40 (01)</td>
<td></td>
</tr>
<tr>
<td>% unhappy moods</td>
<td>r = -.77 (01)</td>
<td></td>
</tr>
</tbody>
</table>

Error Estimates:

Remarks:
### Study

**FORDY 1972**

*Reported in:* Fordyce, M.W.
Happiness, its daily variation and its relation to values
Unpublished doctoral dissertation, 1972, United States International University, USA.

*Population:* University students, California, USA, 1971

*Sample:* 

*Non-Response:* -

*N:* 86

### Measured Correlate

*Class:* .AFF 3 by AFF 3 Code: H 6.2.2.14

*Measurement:* Ratio of number of happy moods over number of unhappy moods per day, as assessed for a period of three weeks. (AFF 3.2)

*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-ARE/md/sqr/v/10/</td>
<td>r=+.54</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**FORDY 1972**

*Reported in:* Fordyce, M.W.

Happiness, its daily variation and its relation to values

Unpublished doctoral dissertation, 1972, United States International University, USA.

*Population:* University students, California, USA, 1971

*Sample:*

*Non-Response:* -

*N:* 86

**Measured Correlate**

*Class:* . AFF 3 by AFF 3 Code: H 6.2.2.14

*Measurement:* Repeated direct question on number of unhappy moods experienced during the past day, scored every evening during three weeks (AFF 3.2).

**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-ARE/md/sqr/v/10/</td>
<td>r = -.49</td>
<td>p &lt; .01 % happy mood : r = -.33 (01)</td>
</tr>
<tr>
<td>A-TH/md/mq/th%/0/</td>
<td>r = -</td>
<td>p &lt; .01 % unhappy mood : r = +.49 (01)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>% neutral mood : r = +.07 (ns)</td>
</tr>
</tbody>
</table>
### Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Correlate Code: H 6**

**Study**

**FORDY 1972**

**Reported in:** Fordyce, M.W.  
Happiness, its daily variation and its relation to values  
Unpublished doctoral dissertation, 1972, United States  
International University, USA.

**Population:** University students, California, USA, 1971

**Sample:**

**Non-Response:** -

**N:** 86

---

### Measured Correlate

**Class:** . AFF 3 by AFF 3 Code: H 6.2.2.14

**Measurement:** Difference score between number of happy moods and number of unhappy moods per day, as assessed daily during a period of three weeks (AFF 3.2).

**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-TH/md/mq/th%/0/</td>
<td>r=+ .22</td>
<td>p&lt; .05</td>
</tr>
</tbody>
</table>

---

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

<table>
<thead>
<tr>
<th>Study</th>
<th>FORDY 1972</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Fordyce, M.W.</td>
</tr>
<tr>
<td>Happiness, its daily variation and its relation to values</td>
<td>Unpublished doctoral dissertation, 1972, United States International University, USA.</td>
</tr>
<tr>
<td>Population:</td>
<td>University students, California, USA, 1971</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>-</td>
</tr>
<tr>
<td>N:</td>
<td>86</td>
</tr>
</tbody>
</table>

Measured Correlate

| Class: | . AFF 3 by AFF 3 Code: H 6.2.2.14 |
| Measurement: | Repeated direct question of number of happy moods experienced during the past day, scored every evening during three weeks (AFF 3.2). |

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-ARE/md/sqr/v/10/</td>
<td>r = +.44</td>
<td>p &lt; .01</td>
</tr>
<tr>
<td>A-TH/md/mq/th%/0/</td>
<td>r = +</td>
<td>p &lt; .01</td>
</tr>
</tbody>
</table>

% happy mood : r = +.44 (01)  
% unhappy mood : r = -.29 (01)  
% neutral mood : r = -.32 (01)
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**NOELL 1977/9**

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

**Population:**
16+ aged, general public, West-Germany, 1975

**Sample:**

**Non-Response:**

**N:** 8309

**Measured Correlate**

**Class:** . AFF 5 by AFF 5 Code: H 6.2.2.23

**Measurement:**
Allensbacher Ausdrücktest: Interviewer-rating of cheerful appearance on the following aspects:  
1 look  
2 mouth  
3 posture  
4 movements  
5 eyes  
6 elbows  
7 lips  
8 general appearance  
(AFF 5.3)

**Measured Values:**

**Error Estimates:**

**Remarks:** AFF 5.3a is the last item in the Allensbacher Ausdrücktest (general appearance).

**Observed Relation with Happiness**

**Happiness Query**  
A-CA/mh/ri/v/2/b

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>r=+.44</td>
<td>1. Look</td>
</tr>
<tr>
<td>r=+.34</td>
<td>2. Mouth</td>
</tr>
<tr>
<td>r=+.47</td>
<td>3. Attitude</td>
</tr>
<tr>
<td>r=+.43</td>
<td>4. Movements</td>
</tr>
<tr>
<td>r=+.33</td>
<td>5. Eyes</td>
</tr>
<tr>
<td>r=+.24</td>
<td>6. Elbows</td>
</tr>
<tr>
<td>r=+.26</td>
<td>7. Lips</td>
</tr>
</tbody>
</table>

**AFF 5.3a is the last item in the Allensbacher Ausdrücktest (general appearance).**
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**  
**BRADB 1969**

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

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

**Sample:**

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

**N:** 2787

---

**Measured Correlate**

*Class:* . AFF 2 by CON 1 Code: H 6.2.3.3

*Measurement:* Single direct question, 'When you think of the things you want from life, how would you say you are doing now in getting the things you want?'  
1 not too well  
2 pretty well  
3 very well  
(CON 1.1)

**Measured Values:**

**Error Estimates:**

**Remarks:** Data T1. Not computed for summed ABS.

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mg/v2/a  | G=+.47 p<.05 | Index of Positive Affects: G= +.37 (05)  
Index of Negative Affects: G= -.35 (05)  
Data T1. Not computed for summed ABS. |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**HARDI 1982**

*Reported in:* Harding, D.S.
*Psychological Well-Being in Great Britain: An Evaluation of the Bradburn Affect Balance Scale*

*Population:* Adults, general public, urban areas, Great-Britain, 1975

*Sample:
*Non-Response:*

*N:* 932

---

**Measured Correlate**

*Class:* AFF 2 by CON 1 Code: H 6.2.3.3

*Measurement:* When you think of the things you want from life now, would you say you were doing: very well, fairly well or not too well (CON 1.1)

*Observed Relation with Happiness*

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mq/v/2/a | r=+.32     | Positive Affect r=+.21  
|                  |            | Negative Affect r=-.24 |

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**Study**  
**PAYNE 1974**  

**Reported in:** Payne, R.L.  
N.M. Bradburn's measures of psychological well-being: an attempt at replication.  
Memo No: 61, MRC Social and Applied Psychology. Unit, Dpt.ofPsychology  

**Population:** Employed males, supervising jobs, England, 197?

**Sample:**

**Non-Response:** 4% incomplete.

**N:** 192

**Measured Correlate**

**Class:** . AFF 2 by CON 1 Code: H 6.2.3.3

**Measurement:** Closed question: not doing too well now / doing pretty well now (CON 1.1)  
(based on Bradburn; see BRADB 1969)

**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/5/a</td>
<td>G=</td>
<td>Index of Positive Affects: G = -.19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Index of Negative Affects: G = -.15</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
<thead>
<tr>
<th>Study</th>
<th>WESSM 1966/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Wessman, A.E. &amp; Ricks, D.F.</td>
</tr>
<tr>
<td>Mood and personality</td>
<td>Holt, 1966, New York, USA</td>
</tr>
<tr>
<td>Population:</td>
<td>Male college students, followed 3 years, Harvard University, USA, 1957-60</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>37%; 9 dropouts, incomplete; about the same happiness distribution.</td>
</tr>
<tr>
<td>N:</td>
<td>17</td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>. AFF 3 by CON 1 Code: H 6.2.3.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Content analysis of a 60-item Q sort, filled out both in very elated and in very depressed moods for self-concept ('an accurate picture of yourself as you honestly feel and believe you are!' (CON 1.3). See also 'Content of real self-image' (S 2.2.1).</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-ARE/md/sqr/v/10/</td>
<td>r = - p &lt; .05</td>
<td>Analysis on the basis of comparison between 9 relatively happy and 8 relatively unhappy males, both in elation and in depression. The unhappy men appeared to be more ambitious, but are also less able to fulfill their ambitions. Especially in depression they feel ineffective, unable to get what they want, pessimistic, and unable to absorb frustration.</td>
</tr>
</tbody>
</table>

---

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### 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:* . AFF 2 by MIX 1 Code: H 6.2.4.6

*Measurement:* 10-item index of closed questions on specific affects during the past few weeks (Bradburn Affect Balance Score) (AFF 2.3)

*Measured Values:

*Error Estimates:

*Remarks:

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/t/101/a</td>
<td>r=+.32</td>
<td>Index of positive affects: r=+.25&lt;br&gt;Index of negative affects: r=-.20</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: . AFF 2 by MIX 1 Code: H 6.2.4.6

Measurement: Closed question: “Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most-ly satisfied...mixed - about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible..."

Measure: number of weeks felt unhappy

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a r=-.40 Index of positive affects: r=-.30

Index of negative affects: r=+.30

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Findings on Happiness & HAPPINESS: CURRENT LEVEL
Correlate Code: H 6

Study

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: . AFF 2 by MIX 1 Code: H 6.2.4.6

Measurement: 10-item index of closed questions on specific affects (Bradburn Affect Balance Score); rated on a 4-point scale ranging from 'never felt' to 'felt a lot'. (AFF 2.3)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/u/sq/l/7/a r=+.40

Index of positive affects: r=+.40
Index of negative affects: r=-.20

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study  ANDRE 1976/5  Page in Report: 92

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: . AFF 2 by MIX 1 Code: H 6.2.4.6

Measurement: Closed question: "Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most-ly satisfied...mixed...about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible..."

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

A-BB/cm/mq/v/2/a  r=+.40  Index of positive affects: r=+.20
                           Index of negative affects: r=-.30

World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 255 of 303
Findings on Happiness & HAPPINESS: CURRENT LEVEL

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: . AFF 2 by MIX 1 Code: H 6.2.4.6

Measurement: Closed question rated on a graphic scale: 'Which face comes closest to expressing how you feel about your life as a whole?'
Rated on a 7-point pictoral scale ranging from faces with varying smiles (7) to varying frowns (1). (MIX 1.1)

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=+.40</td>
<td>Index of positive affects: r=+.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Index of negative affects: r=-.20</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 256 of 303
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Study BRENN 1975A

Reported in: Brenner, B.
Quality of affect and self-evaluated happiness

Population: 18+ aged, general public, Washington County, Maryland, USA, 1973-74

Sample: 
Non-Response: 25%
N: 916

Measured Correlate

Class: . AFF 2 by MIX 1 Code: H 6.2.4.6
Measurement: 2-item index of closed questions on feeling that things were going your way, and feeling depressed or unhappy (Going-Your-Way / Depressed-on-Unhappy Scale) (AFF 2.2c)

Measured Values: 
Error Estimates: 
Remarks: 

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BBr/g/mq/v/5/b G=+.60 p<.001
Findings on Happiness & HAPPINESS: CURRENT LEVEL  
Correlate Code: H 6

Study  
BRENN 1975A  
Page in Report: 328

Reported in: Brenner, B.
Quality of affect and self-evaluated happiness

Population: 18+ aged, general public, Washington County, Maryland, USA, 1973-74

Sample:
Non-Response: 25%
N: 916

Measured Correlate

Class: AFF 2 by MIX 1 Code: H 6.2.4.6

Measurement: 2-item index of closed question on feeling happy and feeling sad (Happy/ Sad Scale) (AFF 2.2e)

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-BBr/g/mq/v/5/b</td>
<td>G=+.59</td>
<td>p&lt;.001</td>
</tr>
</tbody>
</table>
### Study: BRENN 1975A

- **Reported in:** Brenner, B.
- **Quality of affect and self-evaluated happiness**
- **Social Indicators Research, 1975, vol. 2, p. 315-331**
- **Population:** 18+ aged, general public, Washington County, Maryland, USA, 1973-74
- **Sample:**
- **Non-Response:** 25%
- **N:** 916

#### Measured Correlate

- **Class:** \(.\) AFF 2 by MIX 1 Code: H 6.2.4.6
- **Measurement:** 2-item index of closed questions on enjoying life and feeling depressed (Enjoyed / Depressed Scale c) (AFF 2.2a)

#### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BBr/g/mq/v/5/b</td>
<td>G=+.68</td>
<td>p&lt;.001</td>
</tr>
</tbody>
</table>
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**Study**

**GAITZ 1972**

*Reported in:* Gaitz, C.M. & Scott, J.

Age and the measurement of mental health


*Population:* Adults, general public, Houston, Texas, USA, 1969

*Sample:*

*Non-Response:* 2%, aged Mexican-Americans of high socio-economic status only

*N:* 1441

---

**Measured Correlate**

*Class:* . AFF 2 by MIX 1 Code: H 6.2.4.6

*Measurement:* 10-item index of closed questions on specific affects (Bradburn Affect Balance Score) (AFF 2.3)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/m/sq/v/3/a | r = .36, p < .01 | Index of Positive Affects: r = +.19 (01)  
Index of Negative Affects: r = -.32 (01) |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

Study

**KAMMA 1983/2**

*Reported in:* Kammann, R.; Flett, R.

*Population:* 18+ aged, general public, Dunedin, New Zealand, 1983

*Sample:
Non-Response:* 52%
*N:* 112

Measured Correlate

*Class:* . AFF 2 by MIX 1 Code: H 6.2.4.6

*Measurement:* Single direct question on recent happiness: 'Take all things together, how happy would you say you have been in this time period (past week). Mark how you have felt'. Rated on a 7-point scale ranging from 'very happy' to 'very unhappy' (MIX 1.1)

*Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BK/cw/mq/v/5/a</td>
<td>r=.74</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

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

Correlate Code: H 6

Study

KAMMA 1983/2

Reported in:
Kammann, R.; Flett, R.
Sourcebook for Measuring Well-being with Affectometer 2.

Population:
18+ aged, general public, Dunedin, New Zealand, 1983

Sample:

Non-Response:
52%

N:
112

Measured Correlate

Class:
AFF 2 by MIX 1 Code: H 6.2.4.6

Measurement:
What percentage of the time you were awake today did you feel
1 happy
2 unhappy or neutral
See FORDY 1972 (MIX 1.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BK/cw/mq/v5/a r+=.68 p<.01

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
<thead>
<tr>
<th>Study</th>
<th>KAMMA 1983/2</th>
<th>Page in Report: 34</th>
</tr>
</thead>
</table>

**Reported in:** Kammann, R.; Flett, R.  
Sourcebook for Measuring Well-being with Affectometer 2.  

**Population:** 18+ aged, general public, Dunedin, New Zealand, 1983

**Sample:**

**Non-Response:** 52%

**N:** 112

**Measured Correlate**

**Class:** . AFF 2 by MIX 1 Code: H 6.2.4.6

**Measurement:** Single direct question: "Which face comes closest to expressing how you feel about your life as a whole?"  
Rated on a 7-point pictural scale (faces varies from smile to frown)

See ANDRE 1976 (MIX 1.1)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BK/cw/mq/v/5/a</td>
<td>r=.53</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

---

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

KOZMA 1980/1


Population: 65-95 aged, New Foundland, Canada, 197?

Sample:

Non-Response: 598 (study 1: 301, study 2: 297)

Measured Correlate

Class: AFF 2 by MIX 1 Code: H 6.2.4.6

Measurement: 10 item index of specific affects in the past few weeks (Bradburn's Affect Balance Scale, ABS) (AFF 2.3)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
M-FH/c/mq/?/7/a r=+.55 Study 1: N=301 Happiness (MIX 1.2), assessed by a 2 item index of questions on happiness 'at this moment' and 'over the past month'

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

**Study**

**PALIS 1985A**

*Reported in:* Palisi, B.J.
Voluntary Associations and Well-being in Three Metropolitan Areas: Cross-cultural Evidence
International Journal of Contemporary Sociology, 1985, Vol. 22, No. 3 & 4, p.5-288


*Sample:*

*Non-Response:* 67%
*N:* 752 (London 226, L.A. 292, Sydney 234)

---

**Measured Correlate**

*Class:* . AFF 2 by MIX 1 Code: H 6.2.4.6

*Measurement:* Single closed question on amount of happiness during the past few weeks, rated on a 4-point scale ranging from very happy to not too happy. (MIX 1.1)

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

*Happiness Query* | *Statistics* | *Remarks*
---|---|---
A-BB/cm/mq/v/2/a | \( r = +.44 \) | London
| \( r = +.60 \) | Los Angeles
| \( r = +.49 \) | Sydney
Findings on Happiness & HAPPINESS: CURRENT LEVEL

SEARS 1977A

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

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

Sample: Attrition in 1972:
25%
N: 1928 N=671:
1972 N=430

Measured Correlate

Class: . CON 3 by MIX 3 Code: H 6.3.4.13

Measurement: Ss first enumerated the importance of five areas of lifegoals in young adulthood, the last of which was 'joy-in-living'. They were next asked to indicate how successful they had been after all in these areas (MIX 3.1) Assessed in 1972.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
C-ASG/h/mq/v/5/a AoV=+ p<.01 1972 satisfaction by 1972 happiness.
Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:** . MIX 1 by MIX 1 Code: H 6.4.4.1

**Measurement:**

Closed question: “Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most-ly satisfied...mixed...about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible...”

**Observed Relation with Happiness**

**Happiness Query**

<table>
<thead>
<tr>
<th>O-SLW/u/sq/7/a</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>r=+.30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Print date: 7-2-2003

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

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Findings on Happiness & HAPPINESS: CURRENT LEVEL

**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:* . MIX 1 by MIX 1 Code: H 6.4.4.1

*Measurement:* Closed question: "Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of that time did you feel delighted about your life as a whole?...pleased...most-ly satisfied...mixed - about equally satisfied and dissatisfied...mostly dissatisfied...unhappy...terrible...

*Measure: number of weeks felt unhappy*

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

*Happiness Query*  
O-SLW/u/sq/t/7/a

*Statistics*  
$r = -.40$

*Remarks*
**Appendix 1**

### Queries on Happiness used in reported Studies

<table>
<thead>
<tr>
<th>Happiness Query Code</th>
<th>Full Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/cy/sq/v/10/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;In thinking over the past year, indicate how elated or depressed, happy or unhappy you have felt....?&quot;</td>
</tr>
<tr>
<td></td>
<td>10 Complete elation, rapturous joy and soaring ecstasy</td>
</tr>
<tr>
<td></td>
<td>9 Very elated and in very high spirits. Tremendous delight and buoyancy.</td>
</tr>
<tr>
<td></td>
<td>8 Elated and in high spirits.</td>
</tr>
<tr>
<td></td>
<td>7 Feeling very good and cheerful.</td>
</tr>
<tr>
<td></td>
<td>6 Feeling pretty good, &quot;OK&quot;.</td>
</tr>
<tr>
<td></td>
<td>5 Feeling a little bit low. Just so-so.</td>
</tr>
<tr>
<td></td>
<td>4 Spirits low and somewhat &quot;blue&quot;.</td>
</tr>
<tr>
<td></td>
<td>3 Depressed and feeling very low. Definitely &quot;blue&quot;.</td>
</tr>
<tr>
<td></td>
<td>2 Tremendously depressed.</td>
</tr>
<tr>
<td></td>
<td>Feeling terrible, really miserable, &quot;just awful&quot;.</td>
</tr>
<tr>
<td></td>
<td>1 Utter depression and gloom. Completely down.</td>
</tr>
<tr>
<td></td>
<td>All is black and leaden. Wish it were all over.</td>
</tr>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>Single direct question:</td>
</tr>
<tr>
<td></td>
<td>'How are you feeling now....?'</td>
</tr>
<tr>
<td></td>
<td>5 very good</td>
</tr>
<tr>
<td></td>
<td>4 good</td>
</tr>
<tr>
<td></td>
<td>3 neither good nor poor</td>
</tr>
<tr>
<td></td>
<td>2 poor</td>
</tr>
<tr>
<td></td>
<td>1 very poor</td>
</tr>
</tbody>
</table>

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-ARE/md/sqr/v/10/a Selfreport on single question, repeated every evening before retiring during 3 weeks (experience sampling).

"On the average, how happy or unhappy did you feel today....?"

2 Very unhappy. Depressed. Spirits very low.
3 Pretty unhappy. Somewhat 'blue'. Spirits down.
4 Mildly unhappy. Just a little low.
5 Barely unhappy. Just this side of neutral.
6 Barely happy. Just this side of neutral.
7 Mildly happy. Feeling fairly good and somewhat cheerful.
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

Name: Wessman & Ricks' `Elation - Depression Scale" (adapted version)

Selfreport on single question, answered every evening before retiring during six weeks (experience sampling)

"On average; how elated or depressed, happy or unhappy you felt today....?
10 Complete elation, rapturous joy and soaring ecstasy
9 Very elated and in very high spirits. Tremendous delight and buoyancy
8 Elated and in high spirits
7 Feeling very good and cheerful
6 Feeling pretty good , "OK"
5 Feeling a little bit low. Just so-so
4 Spirits low and somewhat 'blue'
3 Depressed and feeling very low. Definitely 'blue'
2 Tremendously depressed. Feeling terrible, really miserable, "just awful"
1 Utter depression and gloom. Completely down. All is black and leaden. Wish it were all over.

Name: Wessman & Ricks' `Elation - depression scale'

Selfreport on 10 questions:

"During the past few weeks, did you ever feel ....?" (yes/no)
A Particularly excited 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 13 questions:

"During the past four weeks have you ever felt ....?" (yes/no)
A Pleased about having accomplished something.
Findings on Happiness & HAPPINESS: CURRENT LEVEL

B  Things going my way.
C  Proud because someone complimented me on something I had done.
D  Particularly excited or interested in something I had done.
E  On top of the world.
F  A deep sense of joy.
G  Pleased because my life feels orderly and secure.
H  Bored.
I  Very lonely and remote from other people.
J  Jealous of somebody.
K  Angry with someone.
L  Disappointed in myself.
M  Unhappy about the small number of times I have pleasant feelings and experiences.

Answer options:
0  no
yes
If yes: How often did you feel so?
5  every day
4  several times a week
3  once a week
2  2 or 3 times a month
1  once a month

Summation:
- Positive Affect Score (PAS): Average A to G
- Negative Affect Score (NAS): Average H to M
- Affect Balance Score (AB): PAS minus NAS
Possible range: +42 tot -30

Name: Bradburn’s "Affected Balance Scale’ (modified version)

Selfreport on 10 questions:

"During the past week, did you ever feel.....?"

A  So restless that you could not sit long in a chair
B  Proud, because someone had complimented you
C  Very lonely or remote from people?
D  Pleased about having accomplished something
E  Bored
F  On top of the world?
G  Depressed
H  That things were going your way?
I  Upset because someone criticized you?
J  Could not do anything, simply because you could not start?

Answer options and scoring:
- yes = 1
- no = 0
Summation:
Positive Affect Score (PAS): summed scores on B,D,F,H
Negative Affect Score (NAS): summed scores on A,C,E,G,I,J
Affect Balance Score (ABS): PAS minus NAS

Possible range -6 to +4

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

Selfreport on 2 questions:

A. "How often do you feel that you are really enjoying life? Would you say.......?"
   4 fairly often
   3 occasionally
   2 rarely
   1 never

B. "How often do you feel downcast or dejected? Would you say....."
   1 very often
   2 fairly often
   3 occasionally
   4 rarely
   5 never

Summation: Average A + B

Name: Brenner's `Two Component Quality of Affect Scale'

Selfreport on 96 questions:

SENTENCES
Each of the sentences below discribe a FEELING. Mark HOW OFTEN you had that feeling during the past week;
A  Nothing goes right with me
B    I feel close to people around me
C    I feel as though the best years of my life are over
D    I feel my life is on the right track
E    I feel loved and trusted
F    My work gives me a lot of pleasure
G    I don't like myself
H    I feel very tense
I    I feel life isn't woth living
J    I am content with myself
K    My past life is filled with failure
L    Everything I do seems worthwhile
M    I can't be bothered doing anything
N    I feel I can do whatever I want to
O    I have lost interest in other people and don't care about them
P    Everything is going right for me
Q    I can express my feelings and emotions towards other people
R    I'm easy going
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

S  I seem to be left alone when I don’t want to be
T  I wish I could change some parts of my life
U  I seem to have no real drive to do anything
V  The future looks good
W  I become very lonely
X  I can concentrate well on what I’m doing
Y  I feel out of place
Z  I think clearly and creatively
AA I feel alone
AB I feel free and easy
AC I smile and laugh a lot
AD I feel things are going my way
AE The world seems a cold and impersonal place
AF I feel I’ve made a mess of things again
AG I feel like hiding away
AH I feel confident about decisions I make
AI I feel depressed for no apparent reason
AJ I feel other people like me
AK I feel like a failure
AL I feel I’m a complete person
AM I’m not sure I’m done the right thing
AN My future looks good
AO I’m making the most out of my life
AP Everything is going right for me
AQ I feel unimportant
AR I feel as though there must be something wrong with me
AS I don’t feel like making the effort to do anything
AT I feel confident in my dealings with the opposite sex
AU I want to hurt those who have hurt me
AV The results I have obtained make my efforts worthwhile

ADJECTIVES
Each of the objectives below describe a FEELING. Mark HOW OFTEN you had that feeling during the past week;
A  Confident
B  Hopeless
C  Pleasant
D  Insignificant
E  Discontented
F  Healthy
G  Dejected
H  Annoyed
I  Down
J  Glad
K  Glowing
L  Relaxed
M  Comfortable
N  Moody
O  Understood
P  Blue
Q  Miserable
Findings on Happiness & HAPPINESS: CURRENT LEVEL

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<td>R</td>
<td>Joyful</td>
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<td>S</td>
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<td>U</td>
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<td>AT</td>
<td>Enthusiastic</td>
</tr>
<tr>
<td>AU</td>
<td>Happy</td>
</tr>
<tr>
<td>AV</td>
<td>Vibrant</td>
</tr>
</tbody>
</table>

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

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

Interviewer-rating of cheerfulness:

Altogether the respondent looks.....
2   quite cheerfull
1   not too cheerfull
-   difficult to say
Part of the 8 item Allensbacher Ausdrücktest which also involves ratings of cheerful appearance in: look, mouth, posture, movements, eyes, elbows and lips. This general rating is the last item in the test.

Original text in German:

Der Befragte sieht insgesamt -
2   Ganz fröhlich aus..................
1   Nicht so fröhlig aus...............  
-   Unmöglich zu sagen.............

Self report on 3 questions repeated every evening before retiring during 3 weeks:(experience sampling)

A  "What percentage of the time you were awake today did you feel happy?"
B  "What percentage of the time did you feel unhappy?"
C  "What percentage of the time did you feel neutral (neither happy nor unhappy)?"

Ss were told that the three percentages should add up to equal 100%.

Total score: 3-week average on question A

Selfreport on single question:

"How do you feel about what you are accomplishing in life...?"
7  completely satisfied
6  very satisfied
5  satisfied
4  satisfied-dissatisfied
3  dissatisfied
2  very dissatisfied
1  completely dissatisfied.

Selfreport on 2 questions:

A. "How important was each of the following goals in life in the plans you made for yourself in early adulthood?"
   - occupational success
   - family life
   - friendships
   - richness of cultural life
   - total service to society.
1 less important to me than to most people
2
3
4
5 of prime importance to me

B. "How succesfull have you been in the persuit of these goals?"
1 little satisfaction in this area
2
3
4
5 had excellent fortune in this respect

Computation: General Satisfaction is the quotient obtained by multiplying the planned goal (early adulthood) by the reported success in attaining that goal, adding the five of these multiplied areas and dividing them by the sum of the planned goals for each of the areas.

\[
\frac{Pa \times Sa + Pb \times Sb + Pc \times Sc + Pd \times Sd + Pe \times Se}{Pa + Pb + Pc + Pd + Pe}
\]

Pa = planned goal a (1-5)
Sa = success goal a (1-5)

M-FH/c/mq/?/7/a Selfreport on 2 questions:

A "........avowed happiness at this moment of life......"
B "........avowed happiness over the past month......"
(Full questions not reported)

Response options:
1
2
3
4
5
6
(response labels not reported)

Summation: not reported

M-FH/c/sq/v/5/a Selfreport on single question:

"How do you feel yourself at the time being? Is your present wellbeing......?"
5 very high
4 high
3 moderate
2 rather low
1 low

Original text in German:
"Wie wohl fühlen Sie sich derzeit? Ist Ihr Wohlbefinden zur Zeit ......?"

e sehr grosz
d grosz
c mässig
b eher gering
a sehr gering

M-FH/u/sq/v/3/b Selfreport on single question:

"If you had to say whether you feel happy or not, what would you answer......?"
3 happy
2 neither happy nor unhappy
1 unhappy
Original text in Dutch:
"Als u van uzelf zou moeten zeggen of u zich gelukkig of niet gelukkig voelt, wat zegt u dan?"
- gelukkig
- gelukkig noch ongelukkig
- ongelukkig

M-TH/g/sq/v/4/a Selfreport on single question:

"......how often enjoy life......."
(Full lead question not reported)
1 rarely
2 now and then
3 fairly often
4 all the time

O-BW/?/sq/l/9/a Self report on single question:

Lead item not reported
[ 9 ] best imaginable
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] worst imaginable

Name: Cantril's selfanchoring ladder rating (modified version)

O-BW/c/sq/l/11/a Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of the ladder respresents 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 ]
[ 0 ] 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.
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Name: Cantril's selfanchoring ladder rating of life (original)

Selfreport on single question:

"Above you see a numbered ladder. Consider the top of the ladder as the best possible life and the bottom of the ladder as the worst possible life.
A Please place an X where you feel you are now.
B Place an Y at the point where you were five years ago.
C Please place a Z at the point that you feel you will be at five years from now.
[ 10 ] best possible life
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ]
[ 0 ] worst possible life

Question A is the case question.

Name: Cantril's selfanchoring ladder rating of life (modified version)

Selfreport on single question:

"Here is a picture of a ladder. At the bottom of the ladder is the worst life you might reasonably expect to have. At the top is the best life you might expect to have. Of course, life from week to week falls somewhere in between. Where was your life most of the time during the past year?"
[ 9 ] best life you might expect to have
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] worst life you might expect to have

Name: Cantril's selfanchoring ladder rating (modified version)

Selfreport on single question:

"How do you feel about your life as a whole right now.....?"
7 delightfull
6 very satisfying
5 satisfying
4 mixed
3 dissatisfying
2 very dissatisfying
1 terrible
Findings on Happiness & HAPPINESS: CURRENT LEVEL

No opinion

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

O-DT/c/sq/v/7/b

Selfreport on single question:

"How do you feel about your life as a whole right now.....?"
1 terrible
2 unhappy
3 mostly dissatisfied
4 mixed (about equally satisfied and dissatisfied)
5 mostly satisfied
6 pleased
7 delighted
- neutral (neither satisfied nor dissatisfied)
- I never thought about it
- does not apply to me

Name: Andrews & Withey's `Delighted-Terrible Scale' (modified version by Michalos)

O-DT/u/fi/v/9/a

In-depths interview by a qualified psychologist involving open questions and probes about various topics, such as activities, friendships, sources of self-fullfiment and life-satisfaction. Transcripts of the interviews were then scored by two coders, who were unaware of the surveys results. The coders scored life-satisfaction using the following scale.

'How does the respondent feel about his/her 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-DT/u/sq/f/7/a

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
3 dissatisfying
2 very dissatisfying
1 terrible
- No opinion
Name: Andrews & Withey's "Delighted-Terrible Scale" (modified version)

Selfreport on single question:

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

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

Selfreport on single question, asked twice in interview:

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

Summation: arithmetic mean

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

Selfreport on single question:

"Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"
(circles not reproduced here )
8 + + + + + + + +
7 + + + + + + + -
6 + + + + + + - -
5 + + + + + - - -
4 + + + + - - - -
3 + + + - - - - -
2 + + - - - - - -
2 + - - - - - - -
2 + - - - - - - -
2 + - - - - - - -
0 - - - - - - - -

Name: Andrews & Withey's 'Circles Scale'

Selfreport on single question:

".......happiness......"
(Full text not reported)
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

O-H/?/sq/v/3/a  Selfreport on single question:

" ......happy ..... "
(Full text not reported)
3  very happy
2  pretty happy
1  not too happy

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

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

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

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

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

"All things considered, how would you describe yourself these days? Would you say you are...?"
3  very happy
2  fairly happy
1  not too happy

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

"All in all, how much happiness do you find in life today....?"
1  almost none
2  some but not very much
3  a good deal

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

"In general, how happy are you these days .....?"
3  very happy
2  pretty happy
1  not too happy
O-HL/c/sq/v/3/f Selfreport on single question:

"Considering everything that has happened to you recently, how would you say things are with you - would you say you are.....?"
3 very happy
2 pretty happy
1 not too happy

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

"Taking all things together in your life, how would you say things are these days? Would you say you are ....?"
5 very happy
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy

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

"Taking your life as a whole, are you.....?"
5 very happy
4 quite happy
3 more happy than unhappy
2 more unhappy than happy
1 quite unhappy

In German:

"Wenn Sie Ihr Leben jetzt alles im allem betrachten, sind Sie.....?"
e sehr glücklich
d ziemlich glücklich
c eher glücklich
b eher unglücklich
a ziemlich unglücklich

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

"How happy do you feel as you live now? Please choose one item on this card that comes closest to your feeling.
5 very happy
4 fairly happy
3 neither happy nor unhappy
2 fairly unhappy
1 very unhappy

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

'How happy are you now?'
5 very happy
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy
Original text in Danish:
' Hvordan lykkelig er du for tiden?'
5 meget lykkelig
4 lykkelig
3 hverken eller
2 ulykklig
1 meget ulykkelig

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

"In general, how happy would you say you are these days.....?"
7 extremely happy
6 very happy
5 pretty happy
4 not too happy
3 a bit unhappy
2 pretty unhappy
1 very unhappy

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

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

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

"All things considerd, how happy would you say you are right now.....?"
3 very happy
2 pretty happy
1 not too happy

O-HL/u/sq/ol/9/a Selfreport on single question:

"Place a cross, on each line, on the place you estimate to be that which corresponds best with your state"
1 I am not very happy
2 |
3 |
4 |
5 | I am not too happy
6 |
7 |
8 | I am quite happy
9

Scoring: rated on an open horizontal line scale, divided afterwards in 9 sections.

In French:
"Placez une croix, sur chaque ligne, à l'endroit que vous estimez être celui qui correspond le mieux à votre état, par rapport aux définitions proposées"

a | je ne suis pas tout à fait heureux
b |
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

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

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

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

"Taking all things together, would you say you are.....?"
4 very happy
3 quite happy
2 not very happy
1 not at all happy.

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

"On the whole, how happy would you say you are.....?"
4 very happy
3 fairly happy
2 not very happy
1 very unhappy

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

"How happy or unhappy do you think you are.....?"
5 very happy
4 happy
3 moderately happy
2 fairly unhappy
1 very unhappy

In Dutch:
"Hoe gelukkig of ongelukkig vindt u zichzelf?"
3 heel gelukkig
d gelukkig
c matig gelukkig
b tamelijk ongelukkig
a erg ongelukkig

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

"Considering your life as a whole, would you describe it as.....:"?
1 very happy
2
1 unhappy
3

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

4  an even mixture of unhappiness and happiness
5  happy
6  very happy
7  no opinion

O-HL/u/sq/v/7/b 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

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

"Do you think of yourself as.......?"
3  happy
2  pretty happy
1  unhappy?

In Dutch:
"Vindt u zichzelf ......?"
3  gelukkig
2  tamelijk gelukkig
1  ongelukkig

O-SLL/c/sq/v/3/a Selfreport on single question:

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

O-SLL/c/sq/v/5/a 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.....?"
3  niet zo tevreden
2  tamelijk tevreden
1  tevreden
"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?"

[ 10 ] entirely satisfied
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ]
[ 0 ] entirely dissatisfied

Name Cantril ladder rating (modified version)

"All in all, how satisfied are you with your life these days.....?"

1 very dissatisfied
2
3
4
5
6
7 very satisfied

"In general, how satisfying do you find your life these days? Would you call it....?."

3 completely satisfying
2 pretty satisfying
1 not satisfying

Original text in Danish:
'Hvor tilfreds er du med dit liv for tiden?'
5 meget tilfreds
Findings on Happiness & HAPPINESS: CURRENT LEVEL

4  tilfreds
3  hverken tilfreds eller utilfreds
2  utilfreds
1  meget utilfreds

O-SLu/g/sq/v/3/a Selfreport on single question:

"On the whole, how satisfied would you say you are with your life.....?"
1  not very satisfied
2  fairly satisfied
3  very satisfied

O-SLW/c/sq/l/10/a Self report on single question:
"Taking all together, how satisfied are you currently with your life as a whole?
Please indicate on this ladder. 1 means 'not satisfied at all' and 10 completely satisfied

O-SLW/c/sq/l/11/a Selfrating on single question:
"All things considered, how satisfied or dissatisfied are you overall with your life as a whole these days?"
Rated on ladder scale
[ 10 ]  completely satisfied
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[  0  ]  completely dissatisfied

O-SLW/c/sq/n/10/aa Selfreport on single question:
"All things considered, how satisfied are you with your life as-a-whole now.....?"
1  dissatisfied
2
3
4
5
6
7
8
9
10  satisfied

O-SLW/c/sq/n/7/a Selfreport on single question:
"We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?"
7  completely satisfied
6
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

5
4 neutral
3
2
1 completely dissatisfied

O-SLW/u/sq/t/7/a 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)

O-SLW/u/sq/t/101/a Selfreport on single question:

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

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

"How do you feel about your life as a whole......?"
7 completely satisfied
6 very satisfied
5 satisfied
4 satisfied/dissatisfied
3 dissatisfied
2 very dissatisfied
1 completely dissatisfied

O-SLW/u/sq/v/7/a Selfreport on single question, asked twice in interview:

"Considering everything, how satisfied are you with your life as a whole........?"
7 completely satisfied
6
5
4
3
Findings on Happiness & HAPPINESS: CURRENT LEVEL

2
1 completely dissatisfied

Summation: both scores added
Possible range: 2 to 14

O-Sum/g/rc/v/7/a Clinical rating.

Ratings by four judges on the basis of notes from observations and interviews between age 12-18.

Ratings were made on the following dimensions:
A. discontented
B. unhappy
C. dissatisfied
D. complaints

Rating options:
1 not at all true
2
3
4 average
5
6
7
8 extremely true

Summation: not reported

O-Sum/u/mq/*'/0/b Selfreport in 2 questions:

A. “How satisfied are you with your life as a whole these days?”
10 completely satisfied
9
8
7
6
5
4
3
2
1
0 not at all satisfied

B. “Where would you place your life as a whole?”
Rated on a thermometer scale.
100 perfect, as good as you can imagine it being
90
80
70
60
50
40
30
20
10
0  terrible, as bad as you can imagine it being

Summation: factor loading

X/X/X/1/a  Self-responding to the question:
"Using any number on this card from 1 to 7, with 1 being very dissatisfied and 7 being very satisfied, how dissatisfied or satisfied are you with your life?".

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>
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</table>
| AoV    | ANALYSIS of VARIANCE (ANOVA)  
Type: statistical procedure  
Measurement level: Correlate(s): nominal, Happiness: metric.  
In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to Ne -1 for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value.  
NOTE: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN's MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS) |
| Beta   | (β) STANDARDIZED REGRESSION COEFFICIENT  
Type: test statistic.  
Measurement level: Correlates: all metric, Happiness: metric.  
Range: [-1 ; +1]  
Meaning:  
β > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.  
β < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.  
β = 0 « no correlation.  
β = + 1 or -1 « perfect correlation. |
| d      | Cohen's COEFFICIENT FOR GROUP DIFFERENCES  
Type: descriptive statistic only  
Measurement level: Correlate: dichotomous, Happiness level: metric  
Theoretical range: unlimited.  
Meaning: effect size indicator for difference of means. |
| 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. |
Guttman's monotonic 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.

Mean correlation coefficient (r).
For r, see PRODUCT-MOMENT CORRELATION

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.

PARTIAL CORRELATION COEFFICIENT
Type: test statistic
Measurement level: Correlate: metric, Happiness: metric
Range: [-1; +1]

Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores.
Under that conditions
rpc > 0 « a higher correlate level corresponds with a higher happiness rating,
rpc < 0 « a higher correlate level corresponds with a lower happiness rating.

Statistic Not Reported

KENDALL'S RANK CORRELATION COEFFICIENT TAU-B
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
tb = 0 « no rank correlation
tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

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:
Findings on Happiness & HAPPINESS: CURRENT LEVEL

Correlate Code: H 6

\[ tc = 0 \ « \text{no rank correlation} \]
\[ tc = 1 \ « \text{perfect rank correlation, where high values of the correlate correspond with high happiness ratings.} \]
\[ tc = -1 \ « \text{perfect rank correlation, where high values of the correlate correspond with low happiness ratings.} \]

\[ V \]

CRAMéR's \( V \)

Type: test statistic

Measurement level: Correlate: nominal, Happiness: ordinal

Range: \( [0; 1] \)

Meaning:

\[ V = 0 \ « \text{no association} \]
\[ V = 1 \ « \text{strongest possible association} \]

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

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

![Diagram of Literature on happiness flowchart]

<table>
<thead>
<tr>
<th>Literature on happiness</th>
<th>Selection on subject</th>
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<tbody>
<tr>
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<td>Directory (2)</td>
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<tr>
<td>Selection of Empirical studies</td>
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<td>Happiness Queries (3)</td>
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<td>Testbank</td>
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<td>Abstracting</td>
<td>and classification</td>
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<td>Distributional Findings</td>
<td>Correlational Findings</td>
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<td>How happy people are</td>
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<td>o Happiness in Nations (4)</td>
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</tr>
<tr>
<td>o Happiness in Publics (6)</td>
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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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<th>Category Name</th>
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## Appendix 5  Related Topics

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H 6.HAPPINESS: CURRENT LEVEL

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