Findings on Happiness & POPULARITY

Correlate Code: P 9

<table>
<thead>
<tr>
<th>Classification of Findings</th>
<th>Number of Studies on this Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Correlate Code</td>
<td>Correlate Name</td>
</tr>
<tr>
<td>P 9</td>
<td>POPULARITY</td>
</tr>
<tr>
<td>P 9.1</td>
<td>Popularity career</td>
</tr>
<tr>
<td>P 9.1.1</td>
<td>Earlier popularity</td>
</tr>
<tr>
<td>P 9.1.2</td>
<td>Change in popularity</td>
</tr>
<tr>
<td>P 9.1.4</td>
<td>Later popularity</td>
</tr>
<tr>
<td>P 9.2</td>
<td>Current popularity</td>
</tr>
<tr>
<td>P 9.2.1</td>
<td>Actual popularity (socio-metrically)</td>
</tr>
<tr>
<td>P 9.2.2</td>
<td>Perceived popularity</td>
</tr>
<tr>
<td>P 9.2.2.1</td>
<td>Popularity with colleagues</td>
</tr>
<tr>
<td>P 9.2.2.2</td>
<td>Popularity with same sex</td>
</tr>
<tr>
<td>P 9.2.2.3</td>
<td>Popularity with opposite sex</td>
</tr>
<tr>
<td>P 9.2.3</td>
<td>Own liking of others</td>
</tr>
<tr>
<td>P 9.3</td>
<td>Attitudes to own popularity</td>
</tr>
<tr>
<td>P 9.2.2.4</td>
<td>Popularity in community</td>
</tr>
</tbody>
</table>

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

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

Study

<table>
<thead>
<tr>
<th>Reported in:</th>
<th>JOHNS 1940</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Johnson, W.B.</td>
</tr>
<tr>
<td></td>
<td>The social meaning of mood</td>
</tr>
</tbody>
</table>

| Population: | Female university students, members of a sorority, USA, 1940 |

| Sample: |
| Non-Response: | - |
| N: | 30 |

Measured Correlate

| Class: | Actual popularity (socio-metrically) Code: P 9.2.1 |
| Measurement: | Peerrating by 30 sorority members for ‘being liked’. Rating by ranking in a randomly assigned group of 15 Ss. |

Measured Values:

Measures Remarks

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-CP/g/rdp/ro/0/a | DM=+ | Most liked: mean rank = 5.4  
Least liked: mean rank = 11.0  
Most cheerful rank 1, least 15 |
### Study

<table>
<thead>
<tr>
<th>Study</th>
<th>PANDE 1971</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Pandey, C.</td>
</tr>
<tr>
<td>Population:</td>
<td>Mentally retarded males, hospital, USA, 196?</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>149</td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Actual popularity (socio-metrically)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>P 9.2.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measurement:</th>
<th>Score based on the number of times one is selected by his peers in answering three open-ended questions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- who don't you like?</td>
</tr>
<tr>
<td></td>
<td>- who do you dislike?</td>
</tr>
<tr>
<td></td>
<td>- who don't you like to play with?</td>
</tr>
</tbody>
</table>

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

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-CP/g/rdn/?/7/a</td>
<td>r = - .23 (05)</td>
<td>Open ward: r = -.23 (05)</td>
</tr>
<tr>
<td></td>
<td>p &lt; .05</td>
<td>Closed ward: r = -.32 (01)</td>
</tr>
</tbody>
</table>
Study: PANDE 1971

Reported in: Pandey, C.


Population: Mentally retarded males, hospital, USA, 196?

Sample:

Non-Response:

N: 149

Measured Correlate

Class: Actual popularity (socio-metrically) Code: P 9.2.1

Measurement: Score based on the number of times one is selected by his peers in answering three open-ended questions:
- who do you like?
- who are your friends?
- who do you play with?

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-CP/g/rdn/7/a</td>
<td>r=+</td>
<td>Open ward: $r = +.04$ (ns)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Closed ward: $r = +.30$ (05)</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 4 of 34
Findings on Happiness & POPULARITY

**Study**

**PANDE 1971**

*Reported in:* Pandey, C.


*Population:* Mentally retarded males, hospital, USA, 196?

*Sample:*

*Non-Response:*

N: 149

**Measured Correlate**

*Class:* Actual popularity (socio-metrically)  Code: P 9.2.1

*Measurement:*

1. Rating by 2 experienced staff members who were familiar with all the patients, on a 7-point ‘isolated-popular’ scale.

2. Score based on the number of times one is selected by his peers in answering three open-ended questions:
   - who do you like?
   - who are your friends?
   - who do you play with?

**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-CP/g/rdn/?/7/a | r=+ p<.001 | Open ward: r = +.52 (001)  
Closed ward: r = +.47 (001) |
|                 | r=+        | Open ward: r = +.04 (ns)  
Closed ward: r = +.30 (05) |
Findings on Happiness & POPULARITY

Study: ALLAR 1973/1

Reported in: Allardt, E.
About dimensions of wellfare: an explanatory analysis of a comparative
Research Reports, no.1, 1973; research group for comparativesociology, University
of Helsinki.

Population: 15-64 aged, general public, Denmark, 1972

Sample:
Non-Response:
N: 1000

Measured Correlate

Class: Perceived popularity  Code: P 9.2.2
Measurement: Question on personal popularity, 4-point scale ranging from
"wholly agree" to "not important"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/4/a  rpc=.17  Controlled for: Income, housing density, education, social status, chronic illness, anxiety, frequency
of meetings with relatives, number of friends, opportunities to make personal contacts, possibilities to decide on
matters concerning one's own personal life, number of memberships in clubs and associations, interesting life, easyness
of life, loneliness, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient
attention, satisfaction with income, age, gender, no. of communities in which lived.
Findings on Happiness & POPULARITY

Study

ALLAR 1973/2

Reported in: Allardt, E.
About dimensions of wellfare: an explanatory analysis of a comparative Research Reports, no.1, 1973; research group for comparativesociology , University of Helsinki.

Population: 15-64 aged, general public, Finland, 1972
Sample:
Non-Response:
N: 1000

Measured Correlate

Class: Perceived popularity Code: P 9.2.2
Measurement: Question on personal popularity, 4-point scale ranging from "wholly agree" to "not important"

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/4/a rpc=.04 Controlled for: income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

Page in Report:
<table>
<thead>
<tr>
<th>Study</th>
<th>ALLAR 1973/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Allardt, E.</td>
</tr>
<tr>
<td>About dimensions of wellfare: an explanatory analysis of a comparative Research Reports, no.1, 1973; research group for comparativesociology , University of Helsinki.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>15-64 aged, general public, Norway, 1972</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>1000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measured Correlate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class:</td>
</tr>
<tr>
<td>Code:</td>
</tr>
<tr>
<td>Measurement:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measured Values:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Error Estimates:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/a</td>
<td>rpc=.11</td>
<td>Controlled for: Income, housing density, education, social status, chronic illness, anxiety, freq. of meetings with relatives, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, no. of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.</td>
</tr>
</tbody>
</table>
**Study**  
ALLAR 1973/4  

**Reported in:**  
Allardt, E.  
About dimensions of welfare: an explanatory analysis of a comparative  
Research Reports, no.1, 1973; research group for comparativesociology , University of Helsinki.

**Population:**  
15-64 aged, general public, Sweden, 1972

**Sample:**

**Non-Response:**

**N:** 1000

---

**Measured Correlate**

**Class:** Perceived popularity  
**Code:** P 9.2.2

**Measurement:** Question on personal popularity, 4-point scale ranging from 'wholly agree' to 'not important'

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/a</td>
<td>rpc=+.12</td>
<td>Controlled for: income, housing density, education, social status, chronic illness, anxiety, freq. of meetings with relatives, no. of friends, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, no. of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.</td>
</tr>
</tbody>
</table>

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Findings on Happiness & POPULARITY

**Study**

**CAMER 1973/1**

*Reported in:* Cameron, P., Titus, D.G., Kostin, J. & Kostin, M.
The life-satisfaction of non-normal persons.

*Population:* Handicapped and controls Detroit, USA, 197?

*Sample:*

*Non-Response:* -

*N:* 295

---

**Measured Correlate**

*Class:* Perceived popularity  
*Code:* P 9.2.2

*Measurement:* Closed question: "How much do you think that people in general like you?" not at all / very little / somewhat / considerably / very much

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-SLu/c/sq/v/4/a | r = + (p < .01) | normals: r = +.54 (p < .01)  
                 |            | handicapped: r = +.33 (p < .01) |
Findings on Happiness & POPULARITY  
Correlate Code: P 9

---

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

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

---

**Measured Correlate**  
*Class:* Perceived popularity  
*Code:* P 9.2.2  
*Measurement:* Respondents indicated (dis)agreement with the following statements: You think/believe/feel  
a) you do not belong to a community (-)  
b) you are an important part of your community (+)  
c) people in your community listen to you (+)  
d) close to other people in your community (+)  
e) your community as a source of comfort (+)  
f) your community does not take you seriously (-)  
g) other people value you as a person  
*Items with (-) are reverse scored on scale ranging from 1. strongly disagree 2. moderately disagree 3. slightly disagree 4. slightly agree 5. moderately agree 6. strongly agree.*

*Measured Values:*  
*M* = 33.0  
*SD* = 6.4  
*Error Estimates:*  
Metric Loading ranging from 1.0 to 1.3  
Validity Coefficients ranging from .46 to .66  
Alpha Reliability .81

---

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/h/sq/v/4/a</td>
<td>r = +.31</td>
<td>p &lt; .01</td>
</tr>
<tr>
<td>O-SLW/cm/sq/v/4/a</td>
<td>r = +.32</td>
<td>p &lt; .01</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 & POPULARITY  

**Study**  
**PANDE 1971**

**Reported in:** Pandey, C.  

**Population:** Mentally retarded males, hospital, USA, 1967

**Sample:**

**Non-Response:**

N: 149

---

**Measured Correlate**

**Class:** Perceived popularity  
**Code:** P 9.2.2

**Measurement:**  
Number of choices made in answering 3 open-ended questions:  
- who do you like?  
- who are your friends?  
- who do you play with?

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

**Happiness Query**  
A-CP/g/rdn/?/7/a

**Statistics**  
$r = +$

**Remarks**  
Open ward: $r = +.30$ (01)  
Closed ward: $r = +.04$ (ns)

---
Study: JONG 1969

Reported in: Jong-Gierveld, J. de
The unmarried. (In Dutch: De ongehuwden).

Population: 30-55 aged, general public, Amsterdam, The Netherlands, 1965

Sample: 31%;
N: 600

Measured Correlate

Class: . popularity with colleagues Code: P 9.2.2.1
Measurement: Question rated on a 3-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>
</table>
| O-SL?/?/sq/v/5/a | r=+ p<. | Never married males: r = +.16 (ns)  
Married males: r = +.08 (ns)  
Never married females: r = +.10 (0.25)  
Married females: r = +.16 (ns) |
Findings on Happiness & POPULARITY

**Study**

**WATSO 1930**

*Reported in:* Watson, G.
Happiness among adult students of education.
Journal of Educational Psychology, 1930, vol. 21, p. 79-109

*Population:* Graduate students of education (teachers), Columbia University, USA, 193?

*Sample:*

*Non-Response:*

*N:* 388. See “Remarks”

---

**Measured Correlate**

*Class:* . popularity with same sex  
*Code:* P 9.2.2.2

*Measurement:* Direct question on self perceived popularity with same sex (in high school).

*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-BW/g/mq/v/2/a | r = +      | Males: r = +.24  
|                 |            | Females: r = +.14 |
| O-HL/g/oq/n/11/a| r = +      | Males: r = +.22  
|                 |            | Females: r = +.10 |
| O-HP/u/sq/v/10/a| r = +      | Males: r = +.03  
|                 |            | Females: r = +.12 |
Findings on Happiness & POPULARITY

Study

FEING 1983

Reported in: Feingold, A.
Happiness, unselfishness and popularity

Population: University students, USA, 198?

Sample: Non-Response:

N: 175

Measured Correlate

Class: . popularity with opposite sex Code: P 9.2.2.3
Measurement:

Single direct question: "How popular are you (or were you) in general with members of the opposite sex?".
Rated on a 6-points scale, rating from 1 (=not popular at all) to 6 (=very popular).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query

Statistics

Men

O-HP/sq/v/5/b

r=+.36 p<.001

Men r' =+.37 (001)

Women r' =+.35 (001)

rpc=+.34 p<.01

Men rpc =+.32 (01)

Women rpc =+.35 (01)

rpc controlled for unselfishness
Findings on Happiness & POPULARITY

Study: WATSO 1930

Reported in: Watson, G.
Happiness among adult students of education.
Journal of Educational Psychology, 1930, vol. 21, p. 79-109

Population: Graduate students of education (teachers), Columbia University, USA, 193?

Sample:
Non-Response:

N: 388. See "Remarks"

Measured Correlate

Class: . popularity with opposite sex  Code: P 9.2.2.3
Measurement: Direct question on self perceived popularity with opposite sex (in high school).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-BW/g/mq/v/2/a | r= | Males : r = +.15
 | | Females : r = -.02
O-HL/g/oq/n/11/a | r= + | Males : r = +.13
 | | Females : r = +.03
O-HP/u/sq/v/10/a | r= + | Males : r = +.13
 | | Females : r = +.03

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

**ABE 1986**

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

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

**Sample:** Non-probability chunk sample

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

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

### Measured Correlate

**Class:** Attitudes to own popularity  
Code: P 9.3

**Measurement:** Single direct question: Do you think you are evaluated correctly by people surrounding yourself?

**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-SL/?/c/sq/v/3/a</td>
<td>DM=</td>
<td>p&lt;.002</td>
</tr>
</tbody>
</table>
Findings on Happiness & POPULARITY

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: Attitudes to own popularity  Code: P 9.3
Measurement: Closed question: “How do you feel about how much you are admired or respected by other people?”
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-DT/u/sqt/v/7/a  E²=+.34
Findings on Happiness & POPULARITY  

**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:* Attitudes to own popularity  
*Code:* P 9.3  
*Measurement:* 2-item index of questions "How do you feel about....?"  
1. the extent to which you get what you are entitled to  
2. how fairly you are treated  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted  
*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

**Observed Relation with Happiness**  
**Happiness Query**  
O-DT/u/sqt/v/7/a  
**Statistics**  
r = +.58  
**Remarks:**
Findings on Happiness & POPULARITY  

**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:* Attitudes to own popularity  
*Code:* P 9.3  
*Measurement:* A 3-item index containing satisfaction with how much one is admired or respected by other people, with how one gets on with other people, and with how much one is accepted and included: “How do you feel about...?”  
Rated on a 7-point scale: terrible/unhappy/mostly dissatisfied/mixed/mostly satisfied/pleased/delighted  

**Observed Relation with Happiness**  
*Happiness Query*  
O-DT/u/sqt/v/7/a  
*r* = +.53  

**Remarks:**
### 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

*N:* 222

### Measured Correlate

*Class:* Attitudes to own popularity  Code: P 9.3

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

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>r=+.48</td>
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</table>
### Study

**ANDRE 1976/6**

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

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

*Sample:*

*Non-Response:*

\[ N: 1072+1433+222 \]

### Measured Correlate

*Class:* Attitudes to own popularity  
*Code:* P 9.3

*Measurement:* Index of closed questions, asked in different samples: *'How do you feel about...'*
- 1. how much you are admired or respected by other people (asked in November 1972 and July 1973)
- 2. how you get on with other people (asked in April 1973 and July 1973)\*"  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>r=+.46</td>
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# Findings on Happiness & POPULARITY

Correlate Code: P 9

## Study

**BRINK 1986A**

<table>
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<tr>
<th>Reported in:</th>
<th>Brinkerhoff, M &amp; Jacob, J</th>
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<tbody>
<tr>
<td>Quality of life in an alternative lifestyle. The smallholding movement.</td>
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<tr>
<td>Social Indicators Research 18, p 153-173</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Back to the land' mini-farmers, West USA and Canada, 198?</td>
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<tr>
<td>Sample:</td>
<td>Non-probability purposive sample (unspecified)</td>
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<td>Non-Response:</td>
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<tr>
<td>N:</td>
<td>44 %</td>
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## Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>popularity in community</th>
<th>Code:</th>
<th>9.2.2.4</th>
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</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Self report:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>'To what extent do you feel approval for your lifestyle and ideals from the local community'</td>
<td></td>
<td></td>
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</table>

## Measured Values:

## Error Estimates:

## Remarks:

## Observed Relation with Happiness

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<th>Statistics</th>
<th>Remarks</th>
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<td>O-H?/?/sq/v/4/a</td>
<td>r=.17</td>
<td>p&lt;.001</td>
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Appendix 1

Queries on Happiness used in reported Studies

Happiness Query Code Full Text

A-BW/g/mq/v/2/a Selfreport on 50 questions:

Below is a list of words and phrases. Check every term which you believe could fairly be applied to yourself in prevalent attitudes. (yes/no)

A  Enthousiastic
B  Morbid
C  Disappointed
D  Distressed
E  Cheerful
F  Prosperous
G  Frivolous
H  Troubled
I  Annoyed
J  Calm
K  Miserable
L  Thrilled
M  Irritable
N  Buoyant
O  Joyful

The total list contained fifty adjectives, half positive and half negative

Scoring:
yes = +1
no = -1

Summation: number of happy traits mentioned minus number of unhappy traits mentioned.

Possible range: - 50 to + 50

A-CP/g/rdn//?/7/a Rating by two independant staffmembers who were familiar with the patient.
7 happy
6
5
4
3
2
1 depressed
Findings on Happiness & POPULARITY

**A-CP/g/rdp/ro/0/a**

Peerrating on single question:

Ranking by 30 sorority members. The 30 members were divided in two groups of 15 and each member was asked to rank the two groups on basis of "cheerfulness and gaiety" (full item not reported).

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

Selfreport on single question, asked twice in interview:

"How do you feel about your life as a whole......?"

- 7 delighted
- 6 pleased
- 5 mostly satisfied
- 4 mixed
- 3 mostly dissatisfied
- 2 unhappy
- 1 terrible

Summation: arithmetic mean

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

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

Selfreport on single question:

Lead item not reported
Response options:
- 4 very happy
- 3 quite happy
- 2 not very happy
- 1 not at all happy

**O-HL/c/sq/v/4/a**

Selfreport on single question:

"Do you feel your life at present is.....?"

- 4 very happy
- 3 quite happy
- 2 quite unhappy
- 1 very unhappy

**O-HL/g/qn/11/a**

Selfreport on open question:

"Now write in your own words a sentence of two, something which you believe will most truly describe your own general happiness in life."

The answers were rated by three judges on a scale ranging from 0 to 10.

- 0 low
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 high
Selfreport on single question:

"Among the following description arranged in miscellaneous order, choose the one which comes nearest to fitting you. None will be likely to fit exactly."

3 Finding life rather disappointing and disillusioning, comfortable in many ways, moderately successful, but far from realizing the hopes of youth.
9 Cheerful, gay spirits most of the time. Occasionally bothered by something but can usually laugh it off.
8 Calm, quiet sort of satisfaction. Life has been pretty good. Not everything one desires comes, of course, but on the whole there is much for which to be serenely thankful.
5 Ups and downs, now happy about things, now depressed. About balanced in the long run.
1 Life often seems so worthless that there is little to keep one going. Nothing matters very much, there has been so much of hurt that laughter would be empty mockery.
2 Keeping a brave front, others think everything is all right. Inside life seems rather black.
1 Usually sad, weep readily, smile seldom.
11 Radiant, find every day full of interest, amusing things, and worthwhile things.
3 Seriously hurt by certain things, for which the good aspects of life cannot quite make up.
5 Quite objective. Like some experiences, dislike others. Not aware of any prevalent happiness or unhappiness.

Selfreport on single question:

To what degree do you consider yourself a happy person?
1 unhappy
2 not that happy
3 not happy and not unhappy
4 happy
5 very happy

Selfreport on single question:

".....satisfaction with life ....."
(full question not reported)
5 very satisfied
4 satisfied
3 don't know/satisfied
2 don't know/not satisfied
1 disappointed in life

Selfreport on single question:

".....satisfaction with present life....."
(Full lead item not reported)
1
2
3
(Response options not reported)
Selfreport on single question:

"These days my life is .....".
4 just great
3 more than satisfactory
2 less than satisfactory
1 miserable

Selfreport on single question:

Ss were asked to pretend for a moment that their life would end next week and then indicate how happy they felt about the life they been able to live. (Full question not reported)
4 very satisfied
3 somewhat satisfied
2 a little satisfied
1 not at all satisfied

Selfreport on single question

'....satisfied with global life right now....'
(full question not reported)
4 very satisfied
3 somewhat satisfied
2 a little satisfied
1 not at all satisfied

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>
| DM     | DIFFERENCE of MEANS  
Type: descriptive statistic only.  
Measurement level: Correlate: dichotomous, Happiness: metric  
Range: depending on the happiness rating scale of the author; range symmetric about zero.  
Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels. |
| E²     | CORRELATION RATIO (Elsewhere sometimes called h² or ETA)  
Type: test statistic  
Measurement level: Correlate: nominal or ordinal, Happiness: metric  
Range: [0; 1]  
Meaning: correlate is accountable for E² x 100 % of the variation in happiness.  
E² = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.  
E² = 1 « knowledge of the correlate value enables an exact prediction of the happiness rating |
| r      | PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient' or simply 'correlation coefficient")  
Type: test statistic.  
Measurement level: Correlate: metric, Happiness: metric  
Range: [-1; +1]  
Meaning:  
r = 0 « no correlation ,  
r = 1 « perfect correlation, where high correlate values correspond with high happiness values, and  
r = -1 « perfect correlation, where high correlate values correspond with low happiness values. |
| rpc    | PARTIAL CORRELATION COEFFICIENT  
Type: test statistic  
Measurement level: Correlate: metric, Happiness: metric  
Range: [-1; +1]  
Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores.  
Under that conditions  
rpc > 0 « a higher correlate level corresponds with a higher happiness rating,  
rpc < 0 « a higher correlate level corresponds with a lower happiness rating. |

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

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

- Literature on happiness
  - Selection on subject
  - Bibliography (1)
  - Directory (2)
    - Selection of empirical studies
    - Happiness Queries (3)
      - Testbank
        - Abstracting and classification of findings
          - Distributional Findings: How happy people are
          - Correlational Findings: What goes with happiness
            - Happiness in Nations (4)
            - Happiness in Publics (6)


2. DIRECTORY OF INVESTIGATORS Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.

3. CATALOG OF HAPPINESS QUERIES (testbank) Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.

4. CATALOG OF HAPPINESS IN NATIONS Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.

5. CATALOG OF HAPPINESS IN PUBLICS Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.

## Appendix 4  Further Findings in the World Database of Happiness

<table>
<thead>
<tr>
<th>Main Category's</th>
<th>Category Name</th>
<th>Number of Studies in this Category</th>
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<tbody>
<tr>
<td>A 1</td>
<td>ACTIVITY LEVEL (how much one does)</td>
<td>53</td>
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<tr>
<td>A 2</td>
<td>ACTIVITY PATTERN (what one does)</td>
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<tr>
<td>A 3</td>
<td>AFFECTIVE LIFE</td>
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<td>AGE</td>
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<td>A 5</td>
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<td>ANOMY</td>
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<td>A 7</td>
<td>APPEARANCE (good looks)</td>
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<td>A 8</td>
<td>ATTITUDES</td>
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<td>C 11</td>
<td>CULTURE (Arts and Sciences)</td>
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<td>CHILDREN: WANT FOR (Parental aspirations)</td>
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<td>CHILDREN: HAVING (parental status)</td>
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<td>CHILDREN's CHARACTERISTICS</td>
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<td>CHILDREN: RELATION WITH</td>
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## Appendix 5  Related Topics

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<tr>
<th>This Topic</th>
<th>Related Topics</th>
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<td>P 9.2.3</td>
<td>Own liking of others</td>
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<td>P 9.3</td>
<td>Attitudes to own popularity</td>
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| F 6 | FRIENDSHIP |
| S 2.7.1 | Self-perceived reputation |
| W 4.4.2.3 | . satisfaction with colleagues |
| F 6 | FRIENDSHIP |
| L 12.2.1 | Involved in dating |
| S 8 | SOCIAL PARTICIPATION: TOTAL (personal + associations) |
| P 4.65 | Liking |

**End of Report**