# World Database of Happiness

## Correlational Findings on Happiness and POPULARITY
## Subject Code: P9

© on data collection: Ruut Veenhoven,
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*Classification of Findings*

| Subject Code | Description | Nr of Studies on this Subject |
|---|---|---|
| P9 | POPULARITY | 0 |
| P9.1 | Popularity career | 0 |
| P9.1.1 | Earlier popularity | 0 |
| P9.1.2 | Change in popularity | 0 |
| P9.1.4 | Later popularity | 0 |
| P9.2 | Current popularity | 0 |
| P9.2.1 | Actual popularity (socio-metrically) | 4 |
| P9.2.2 | Perceived popularity | 11 |
| P9.2.2.1 | . popularity with colleagues | 1 |
| P9.2.2.2 | . popularity with same sex | 1 |
| P9.2.2.3 | . popularity with opposite sex | 2 |
| P9.2.2.4 | . popularity in community | 1 |
| P9.2.3 | Own liking of others | 0 |
| P9.3 | Attitudes to own popularity | 6 |
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| 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 Subjects | |

Cite as            Veenhoven, R.: Findings on POPULARITY
World Database of Happiness, Correlational Findings
Internet: worlddatabaseofhappiness.eur.nl
Erasmus University Rotterdam, 2009, Netherlands

# Correlational finding on Happiness and Actual popularity (socio-metrically)
# Subject code: P9.2.1

| Study | JOHNS 1940 |
|---|---|
| *Reported in:* | Johnson, W,B. <br> The Social Meaning of Mood. <br> The Journal of Social Psychology, 1940, Vol. 12, 163 - 169. ISSN 0022 4545 <br> Page in Report: 166 |
| *Population:* | Female university students, members of a sorority, USA, 1940 |
| *Sample:* | |
| *Non-Response:* | - |
| *N:* | 30 |

## Correlate

| *Authors label:* | Popularity (1) |
|---|---|
| *Our classification:* | Actual popularity (socio-metrically), code P9.2.1 |
| *Measurement:* | Peerrating by 30 sorority members for 'being liked'. Rating by ranking in a randomly assigned group of 15 Ss. |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| A-CP/g/rdp/ro/0/a | DM=+ | Most liked:  mean rank = 5.4 <br> Least liked: mean rank = 11.0 <br> Most cheerfull rank 1, least 15 |

# Correlational finding on Happiness and Actual popularity (socio-metrically)
# Subject code: P9.2.1

| Study | PANDE 1971 |
|---|---|

|  |  |
|---|---|
| *Reported in:* | Pandey, C. <br> Popularity, Rebelliousness and Happiness among Institutionalized Retarded Males. <br> American Journal of Mental Deficiency, 1971, Vol. 76, 523 - 331 <br> Page in Report: 329 |
| *Population:* | Mentally retarded males, hospital, USA, 196? |
| *Sample:* | |
| *Non-Response:* | |
| *N:* | 149 |

## Correlate

|  |  |
|---|---|
| *Authors label:* | Peer popularity. (1) |
| *Our classification:* | Actual popularity (socio-metrically), code P9.2.1 |
| *Measurement:* | Score based on the number of times one is selected by his peers in answering three open-ended questions: <br> - who do you like? <br> - who are your friends? <br> - who do you play with? |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| A-CP/g/rdn/?/7/a | r=+ | Open ward  : r = +.04 (ns) <br> Closed ward: r = +.30 (05) |

## Correlational finding on Happiness and Actual popularity (socio-metrically) Subject code: P9.2.1

| Study | PANDE 1971 |
|---|---|
| *Reported in:* | Pandey, C. <br> Popularity, Rebelliousness and Happiness among Institutionalized Retarded Males. <br> American Journal of Mental Deficiency, 1971, Vol. 76, 523 - 331 <br> Page in Report: 329 |

| | |
|---|---|
| *Population:* | Mentally retarded males, hospital, USA, 196? |
| *Sample:* | |
| *Non-Response:* | |
| *N:* | 149 |

## Correlate

| | |
|---|---|
| *Authors label:* | Popularity. (1) |
| *Our classification:* | Actual popularity (socio-metrically), code P9.2.1 |
| *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:<br>- who do you like?<br>- who are your friends?<br>- who do you play with? |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| A-CP/g/rdn/?/7/a | r=+<br>p<.001 | Open ward  : r = +.52 (001)<br>Closed ward: r = +.47 (001) |
| A-CP/g/rdn/?/7/a | r=+ | Open ward  : r = +.04 (ns)<br>Closed ward: r = +.30 (05) |

## Correlational finding on Happiness and Actual popularity (socio-metrically) Subject code: P9.2.1

## Study     PANDE 1971

*Reported in:*   Pandey, C.
Popularity, Rebelliousness and Happiness among Institutionalized Retarded Males.
American Journal of Mental Deficiency, 1971, Vol. 76, 523 - 331
Page in Report: 329

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

*Sample:*

*Non-Response:*

*N:*   149

## Correlate

*Authors label:*   Rejection by peers. (1)

*Our classification:*   Actual popularity (socio-metrically), code P9.2.1

*Measurement:*
```
Score based on the number of times one is selected by his
peers in answering three open-ended questions
- who don't you like?
- who do you dislike?
- who don't you like to play with?
```

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| A-CP/g/rdn/?/7/a | r=-<br>p<.05 | Open ward  : r = -.23 (05)<br>Closed ward: r = -.32 (01) |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

## Study     ALLAR 1973/1

| | |
|---|---|
| *Reported in:* | Allardt, E. |
| | About Dimensions of Wellfare: An Explanatory Analysis of a Comparative Scandinavian Survey. |
| | Research Group for Comparative Sociology , 1973, Research Report Nr. 1,University of Helsinki, Finland |
| | Page in Report: |
| *Population:* | 15-64 aged, general public, Denmark, 1972 |
| *Sample:* | Probability multistage stratified area sample |
| *Non-Response:* | |
| *N:* | 1000 |

## Correlate

| | |
|---|---|
| *Authors label:* | Feeling of being liked (1) |
| *Our classification:* | Perceived popularity, code P9.2.2 |
| *Measurement:* | Question on personal popularity. 4-point scale ranging from "wholly agree" to "not important" |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/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. |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

# Study　　　　　　ALLAR 1973/2

*Reported in:*　　Allardt, E.
About Dimensions of Wellfare: An Explanatory Analysis of a Comparative
Scandinavian Survey.
Research Group for Comparative Sociology, Research, 1973, Report nr. 1, University
of Helsinki, Finland
Page in Report:

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

*Sample:*　　Probability multistage stratified area sample

*Non-Response:*

*N:*　　1000

# Correlate

*Authors label:*　　Feeling of being liked (1)

*Our classification:*　　Perceived popularity, code P9.2.2

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

# Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/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. |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

## Study

ALLAR 1973/3

*Reported in:* Allardt, E.
About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.
Research Group for Comparative Sociology, 1973, Reprort nr. 1, University of Helsinki, Finland
Page in Report:

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

*Sample:* Probability multistage stratified area sample

*Non-Response:*

*N:* 1000

## Correlate

*Authors label:* Feeling of being liked (1)

*Our classification:* Perceived popularity, code P9.2.2

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

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|

O-HL/c/sq/v/4/a    rpc=+.11    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 suceed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

Study      ALLAR 1973/4

*Reported in:*    Allardt, E.
About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.
Research Reports, no.1, 1973; Eesearch Group for Comparative Sociology, 1973, Research Report nr. 1, University of Helsinki, Finland
Page in Report:

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

*Sample:*    Probability multistage stratified area sample

*Non-Response:*

*N:*    1000

# Correlate

*Authors label:*    Feeling of being liked (1)

*Our classification:*    Perceived popularity, code P9.2.2

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

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-HL/c/sq/v/4/a | rpc=+.12 | 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. |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

| | |
|---|---|
| Study | CAMER 1973/1 |
| Reported in: | Cameron, P.; Titus, D.G.; Kostin, J.; Kostin, M. The Life Satisfaction of Non-Normal Persons. Journal of Consulting and Clinical Psychology, 1973, Vol. 41, 207 - 214 Page in Report: 209 |
| Population: | Handicapped and controls Detroit, USA,197? |
| Sample: | |
| Non-Response: | - |
| N: | 295 |

## Correlate

| | |
|---|---|
| Authors label: | Appraised liking by others (1) |
| Our classification: | Perceived popularity, code P9.2.2 |

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

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLu/c/sq/v/4/a | r= + p<. 01 | normals      : r = +.54 (01) <br> handicapped : r = +.33 (01) |

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# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

| | |
|---|---|
| Study | CHA 2003 |
| *Reported in:* | Cha, K.H. <br> Subjective Well-Being among College Students. <br> Social Indicators Research, 2003, Vol.62/63, 455 - 477. ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1023/A:1022669906470 ISSN: 0303 8300 doi:10.1023/A:1022669906470 <br> Page in Report: 466 |
| *Population:* | College students, Korea, 199? |
| *Sample:* | Non-probability chunk sample |
| *Non-Response:* | |
| *N:* | 350 |

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## Correlate

| | |
|---|---|
| *Authors label:* | Public collective self-esteem |
| *Our classification:* | Perceived popularity, code P9.2.2 |

| | |
|---|---|
| *Measurement:* | Ss were asked to think of the ascribed social categories to which they belong, such as sex, gender and religion. They then rated how positive other people evaluate these categories on a 6-point Likert scale.<br><br>Public collective esteem subscale of Korean Collective Self-esteem Scale (Kim 1994; Luhtanen & Croker 1992) |
| *Error Estimates:* | alpha=.64 |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| A-BD2/cm/mq/v/7/b | r=+.35<br>p<.01 | |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

| | |
|---|---|
| Study | CURRI 2004 |
| *Reported in:* | Currie, C.; Roberts, Ch.; Morgan, A.; Smith, R.; Settertobulte, W.: et al; Eds.<br>Young People's Health in Context.<br>World Health Organization Europe, 2004, Copenhagen, Denmark. ISBN 92 890 1372 9<br>Page in Report: 185,186 |
| *Population:* | 11-15 aged, school children, 33 countries and regions, 2001 |
| *Sample:* | Probability cluster sample |
| *Non-Response:* | |
| *N:* | 162306 |

## Correlate

| | |
|---|---|
| *Authors label:* | Peer support |
| *Our classification:* | Perceived popularity, code P9.2.2 |

*Measurement:* Self report on three questions
A The students in my class(es) enjoy being together.
B Most of the students in my class(es) are kind and helpful.
C Other students accept me as I am.
Response categories were: Strongly agree, Agree, Neither agree nor disagree, Disagree, Strongly disagree.

Recoded as:
3 Positive: agree or strongly agree with all these statments
2 Middle: Do not agree with one of these three statements
1 Negative: Do not agree with at least two of the three statements

*Measured Values:* not reported

*Remarks:* 15 year olds only (N =50816)

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| C-BW/c/sq/l/11/a | rs=+ | Girls: rs = +.24<br>Boys : rs = +.21 |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

| Study | KEYES 1998 |
|---|---|
| *Reported in:* | Keyes, C.L.<br>Social Well-Being.<br>Social Psychology Quarterly 1998, Vol. 61, 121 - 140. ISSN 0190 2725<br>Page in Report: 132 |
| *Population:* | 18 + aged, Dane County, Wisconsin USA, 1994 |
| *Sample:* | Probability simple random sample |
| *Non-Response:* | 37% |

*N:* 373

## Correlate

*Authors label:* Social Integration (1)

*Our classification:* Perceived popularity, code P9.2.2

*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 2.moderately 3.slightly disagree 4.slightly
5.moderately 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

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-SLW/cm/sq/v/4/a | r=+.32 p<.01 | |
| O-SLu/h/sq/v/4/a | r=+.31 p<.01 | |

## Correlational finding on Happiness and Perceived popularity
## Subject code: P9.2.2

Study      KOLOT 2002

|  |  |
|---|---|
| *Reported in:* | Kolotlin, R; Crosby, R.<br>Psychometric Evaluation of the Impact of Weight on Quality of Life-Lite Questionnaire (IWQOL-Lite) in a Community Sample.<br>Quality of Life Research, 2002, Vol. 11, 157 - 171. ISSN 0962 9343. DOI:10.1023/A:1015081805439<br>Page in Report: 166 |
| *Population:* | 18+aged, overweight, USA, 199?. |
| *Sample:* | Non-probability accidental sample |
| *Non-Response:* | 0 |
| *N:* | 494 |

## Correlate

|  |  |
|---|---|
| *Authors label:* | Public distress |
| *Our classification:* | Perceived popularity, code P9.2.2 |
| *Measurement:* | IQOL-Lite (Kolotkin & Crosby, 2001)<br>Five items on a public distress, rated with respect to the last week on a five point scale from 'always true' to 'never true'.  Higher scored indicate poorer quality of life.  A typical question is: 'Because of my weight I experience ridicule, teasing, or unwanted attention'. |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-QLS/u/sq/v/5/a | r=+.43<br>p<.001 | |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

| Study | PANDE 1971 |
|---|---|

| | |
|---|---|
| *Reported in:* | Pandey, C.<br>Popularity, Rebelliousness and Happiness among Institutionalized Retarded Males.<br>American Journal of Mental Deficiency, 1971, Vol. 76, 523 - 331<br>Page in Report: 329 |
| *Population:* | Mentally retarded males, hospital, USA, 196? |
| *Sample:* | |
| *Non-Response:* | |
| *N:* | 149 |

## Correlate

| | |
|---|---|
| *Authors label:* | Sociability. (1) |
| *Our classification:* | Perceived popularity, code P9.2.2 |
| *Measurement:* | Number of choices made in answering 3 open-ended questions:<br>- who do you like?<br>- who are your friends?<br>- who do you play with? |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| A-CP/g/rdn/?/7/a | r=+ | Open ward  : r = +.30 (01)<br>Closed ward: r = +.04 (ns) |

# Correlational finding on Happiness and Perceived popularity
# Subject code: P9.2.2

| | |
|---|---|
| Study | ROSEN 1997 |
| *Reported in:* | Rosenfield, S.<br>Labeling mental Illness: The Effects of received Services and perceived Stigma on Life Satisfaction<br>American Sociological Review, 1997, Vol. 62, 660-672. ISSN 0003 1224<br>Page in Report: 664, 665 |

|  |  |
|---|---|
| *Population:* | 20-70 Chronic mental patients, USA, 1989, |
| *Sample:* | Non-probability purposive sample |
| *Non-Response:* | 7% |
| *N:* | 157 |

## Correlate

|  |  |
|---|---|
| *Authors label:* | Perceived stigma |
| *Our classification:* | Perceived popularity, code P9.2.2 |
| *Measurement:* | Selfreport on questions concerning the perception of a former patient about<br>- the extent to which most people would accept them as<br>  a: a friend<br>  b: a worker<br>- whether they are seen as<br>  c: less trustworthy<br>  d: less intelligent than others<br><br>Options:<br>0=no<br>1=yes |
| *Measured Values:* | 0: a=65%; b=77%; c=57%; d=53% |
| *Error Estimates:* | Alpha=.88 |
| *Remarks:* | Link's (1987,89) devaluation-discrimination scale. The scale focuses on perceptions of stigma rather than stigmatizing experiences. |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
|  |  |  |

O-DT/u/sqt/v/7/a    Beta=-.23   Beta controlled for:
                    p<.05       - demographic characteristics
                                - clinical characteristics
                                - Received services:
                                  - vocational rehabilitation
                                  - financial support
                                  - empowerment
                                  - mental illness/chemical abuse groups
                                  - time in leisure activities
                                  - structure for leisure time

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# Correlational finding on Happiness and . popularity with colleagues
# Subject code: P9.2.2.1

## Study

DEJON 1969

*Reported in:*   DeJong-Gierveld, J.
De Ongehuwden. (The Unmarried).
Samson, 1969, Alphen a/d Rijn, Netherlands.
Page in Report: 191

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

*Sample:*

*Non-Response:*   31%;

*N:*   600

---

## Correlate

*Authors label:*   Perceived apprecia- tion by collegues. (3)

*Our classification:*   . popularity with colleagues, code P9.2.2.1

*Measurement:*   Question rated on a 3-point scale.

---

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
| --- | --- | --- |

| O-SL?/?/sq/v/5/a | r=+ | Never married males  : r = +.16 (ns) |
|---|---|---|
| | | Married males       : r = +.08 (ns) |
| | | Never married females: r = +.10 (025) |
| | | Married females    : r = +.16 (ns) |

# Correlational finding on Happiness and . popularity with same sex
# Subject code: P9.2.2.2

### Study

**WATSO 1930**

*Reported in:* Watson, G.
Happiness Among Adult Students of Education.
Journal of Educational Psychology, 1930, Vol. 21, 79 -109
Page in Report: 104

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

*Sample:*

*Non-Response:* -

*N:* 388

### Correlate

*Authors label:* Popularity with samesex (1)

*Our classification:* . popularity with same sex, code P9.2.2.2

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

### Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-HP/u/sq/v/10/a | r= + | Males   : r = +.03 |
| | | Females : r = +.12 |

| | | |
|---|---|---|
| O-HL/g/oq/n/11/a | r= + | Males   : r = +.22<br>Females : r = +.10 |
| A-BW/g/mq/v/2/a | r= + | Males   : r = +.24<br>Females : r = +.14 |

## Correlational finding on Happiness and . popularity with opposite sex
## Subject code: P9.2.2.3

| Study | FEING 1983 |
|---|---|
| *Reported in:* | Feingold, A.<br>Happiness, Unselfishness, and Popularity.<br>Journal of Psychology, 1983, Vol. 115, 3 - 5. ISSN 0022 3980<br>Page in Report: 5 |
| *Population:* | University students, USA, 198? |
| *Sample:* | |
| *Non-Response:* | |
| *N:* | 175 |

## Correlate

| | |
|---|---|
| *Authors label:* | Self-reported popularity with opposite sex (1) |
| *Our classification:* | . popularity with opposite sex, code P9.2.2.3 |
| *Measurement:* | Single direct question:"How popular are you (or were you) in general with<br>members of the opposite sex?".<br>Rated on a 6-points scale, rating<br>from 1 (=not popular at all) to 6<br>(=very popular). |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| | | |

| O-HP/u/sq/v/5/b | r=+.36 <br> p<.001 | Men   r'=+.37 (001) <br> Women r'=+.35 (001) |
|---|---|---|
| O-HP/u/sq/v/5/b | rpc= <br> +.34 <br> p<.01 | Men   rpc=+.32 (01) <br> Woman rpc=+.35 (01) <br> rpc controlled for unselfishness |

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# Correlational finding on Happiness and . popularity with opposite sex
## Subject code: P9.2.2.3

| Study | WATSO 1930 |
|---|---|

*Reported in:* Watson, G.
Happiness Among Adult Students of Education.
Journal of Educational Psychology, 1930, Vol. 21, 79 -109
Page in Report: 104

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

*Sample:*

*Non-Response:* -

*N:* 388

---

## Correlate

*Authors label:* Popularity with opposite sex (1)

*Our classification:* . popularity with opposite sex, code P9.2.2.3

*Measurement:* Direct question on self perceived popu- larity with opposite sex (in high school).

---

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|

| O-HL/g/oq/n/11/a | r= + | Males   : r = +.13<br>Females : r = +.03 |
| A-BW/g/mq/v/2/a | r= | Males   : r = +.15<br>Females : r = −.02 |
| O-HP/u/sq/v/10/a | r= + | Males   : r = +.13<br>Females : r = +.03 |

# Correlational finding on Happiness and . popularity in community
# Subject code: P9.2.2.4

| | |
|---|---|
| Study | BRINK 1986A |
| Reported in: | Brinkerhoff, M.B.; Jacob, J.<br>Quality of Life in an Alternative Lifestyle: The Smallholding Movement.<br>Social Indicators Research, 1986, Vol. 18, 153 - 173 ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1007/BF00317546<br>Page in Report: 164 |
| Population: | 'Back to the land' mini-farmers, West USA and Canada,198? |
| Sample: | Non-probability purposive sample |
| Non-Response: | 44 % |
| N: | 510 |

## Correlate

| | |
|---|---|
| Authors label: | community approval (1) |
| Our classification: | . popularity in community, code P9.2.2.4 |
| Measurement: | Self report:<br>'To what extent do you feel approval  for your lifestyle and ideals from the local community' |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-HL/u/sq/v/4/a | r=+.17 p<.001 | |

---

# Correlational finding on Happiness and Attitudes to own popularity
# Subject code: P9.3

## Study

**ABE 1986**

*Reported in:* Abe, T.; Moritsuka, T.
A Case-Control Study on Climacteric Symptoms and Complaints of Japanese Women by Symptomatic Type for Psychological Variables.
Maturitas, 1986, Vol. 8, 255 - 265. ISSN 0378 5122
Page in Report: 261

*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:* 432

---

## Correlate

*Authors label:* Perceived respect from people (1)

*Our classification:* Attitudes to own popularity, code P9.3

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

---

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-SL?/c/sq/v/3/a | DM= p<.002 | |

---

# Correlational finding on Happiness and Attitudes to own popularity
# Subject code: P9.3

| Study | ANDRE 1976/3 |
|---|---|
| *Reported in:* | Andrews, F.M.; Withey, S.B.<br>Social Indicators of Well-being: Americans' Perceptions of Life Quality<br>Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1<br>Page in Report: 112 |
| *Population:* | 18+ aged, general public, non institutionalized, USA, 1972/11 |
| *Sample:* | |
| *Non-Response:* | 38% |
| *N:* | 1072 |

## Correlate

| *Authors label:* | Satisfaction with admiration or respect by others (5) |
|---|---|
| *Our classification:* | Attitudes to own popularity, code P9.3 |
| *Measurement:* | Closed question: "How do you feel about how much you are admired or respected by other people?"<br>Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-DT/u/sqt/v/7/a | E²=+.34 | |

# Correlational finding on Happiness and Attitudes to own popularity
# Subject code: P9.3

| Study | ANDRE 1976/5 |
|---|---|

| | |
|---|---|
| *Reported in:* | Andrews, F.M.; Withey, S.B.<br>Social Indicators of Well-being: Americans' Perceptions of Life Quality<br>Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1<br>Page in Report: 112 |
| *Population:* | 18+ aged, general public, non-institutionalized, USA, 1973/7 |
| *Sample:* | |
| *Non-Response:* | |
| *N:* | 222 |

## Correlate

| | |
|---|---|
| *Authors label:* | Satisfaction with treatment by others (2) |
| *Our classification:* | Attitudes to own popularity, code P9.3 |
| *Measurement:* | 2-item index of questions "How do you<br>feel about....?"<br>a. the extent to which you get what you<br>   are entitled to<br>b. how fairly you are treated<br>Rated:<br>1 terrible<br>2 unhappy<br>3 mostly dissatisfied<br>4 mixed<br>5 mostly satisfied<br>6 pleased<br>7 delighted |

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-DT/u/sqt/v/7/a | r=+.58 | |

## Correlational finding on Happiness and Attitudes to own popularity
## Subject code: P9.3

| | |
|---|---|
| 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. ISBN 0 306 30935 1
Page in Report: 112

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

Sample:

Non-Response:

N:   222

## Correlate

Authors label:   Satisfaction with admiration and acceptance by others (2)

Our classification:   Attitudes to own popularity, code P9.3

Measurement:   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...?"
1 terrible
2 unhappy
3 mostly dissatisfied
4 mixed
5 mostly satisfied
6 pleased
7 delighted

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-DT/u/sqt/v/7/a | r=+.53 | |

## Correlational finding on Happiness and Attitudes to own popularity
## Subject code: P9.3

Study          ANDRE 1976/5

| | |
|---:|:---|
| *Reported in:* | Andrews, F.M.; Withey, S.B.<br>Social Indicators of Well-being: Americans' Perceptions of Life Quality<br>Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1<br>Page in Report: 112 |
| *Population:* | 18+ aged, general public, non-institutionalized, USA, 1973/7 |
| *Sample:* | |
| *Non-Response:* | |
| *N:* | 222 |

## Correlate

| | |
|---:|:---|
| *Authors label:* | Satisfaction with respect from others (2) |
| *Our classification:* | Attitudes to own popularity, code P9.3 |
| *Measurement:* | 3-item index containing satisfaction with the way one is<br>treated by other people, with the way one's rights are<br>respected by others, and with how dependable and<br>responsible people are: "How do you feel about...?"<br>1 terrible<br>2 unhappy<br>3 mostly dissatisfied<br>4 mixed<br>5 mostly satisfied<br>6 pleased<br>7 delighted |

## Observed Relation with Happiness

| Happiness<br>Measure | Statistics | Elaboration/Remarks |
|:---|:---|:---|
| O-DT/u/sqt/v/7/a | r=+.48 | |

## Correlational finding on Happiness and Attitudes to own popularity
## Subject code: P9.3

| | |
|:---|:---|
| Study | ANDRE 1976/6 |

|  |  |
|---|---|
| *Reported in:* | Andrews, F.M.; Withey, S.B.<br>Social Indicators of Well-being: Americans' Perceptions of Life Quality<br>Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1<br>Page in Report: 156 |
| *Population:* | 18+ aged, general public, non-institutionalized, USA, 1972-73 |
| *Sample:* |  |
| *Non-Response:* |  |
| *N:* | 2727 |

## Correlate

|  |  |
|---|---|
| *Authors label:* | Satisfaction with respect and ac- ceptance by others (1) |
| *Our classification:* | Attitudes to own popularity, code P9.3 |
| *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
```

## Observed Relation with Happiness

| Happiness Measure | Statistics | Elaboration/Remarks |
|---|---|---|
| O-DT/u/sqt/v/7/a | r=+.46 |  |

# Appendix 1: Happiness Items used

| Happiness Item Code | Full Text |
|---|---|

A-BD2/cm/mq/v/7/b    Selfreport on 8 questions:

Using the scale below, indicate how much of the time during the PAST MONTH have you felt each emotion?
A affectionate
B joyful
C sad
D worried
E irritable
F guilty
G happy
H proud

1 never
2 slight amount (rare)
3 some of the time
4 about half the time
5 much of the time
6 almost always
7 always

Computation: (A+B+G+H)-(C+D+E+F)/8

Name: Diener's 'Affect Balance'

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 Enthusiastic
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
.
.
.
.
.
.

.
AX

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 independent staff members who were familiar with the patient.<br>7 happy<br>6<br>5<br>4<br>3<br>2<br>1 depressed |
| A-CP/g/rdp/ro/0/a | Peer rating on single question:<br><br>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). |
| C-BW/c/sq/l/11/a | Selfreport on single question:<br><br>"Here is a picture of a ladder. Suppose we say that the top of the ladder represents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?"<br>[ 10 ] best possible life<br>[ 9 ]<br>[ 8 ]<br>[ 7 ]<br>[ 6 ]<br>[ 5 ]<br>[ 4 ]<br>[ 3 ]<br>[ 2 ]<br>[ 1 ]<br>[ 0 ] worst possible life<br><br><br>Preceded by 1) open questions about what the respondent imagines as the best possible life and the worst possible life. 2) ratings on the ladder of one's life five years ago and where on the ladder one expects to stand five years from now. |

Name: Cantril's self anchoring ladder rating of life (original)

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)
Also known as Lehman's 'Global lifesatisfaction'

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/oq/n/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

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-HP/u/sq/v/10/a      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.

O-HP/u/sq/v/5/b      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

O-QLS/u/sq/v/5/a      Selfreport on single question:

'Please rate your quality of life in each of the six areas below.
Overall: This refers to your overall, general quality of life.
7 extremely satisfied
6 very satisfied
5 satisfied
4 both satisfied and dissatisfied
3 dissatisfied
2 very dissatisfied
1 extremely satisfied

O-SL?/?/sq/v/5/a      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

O-SL?/c/sq/v/3/a      Selfreport on single question:

".....satisfaction with present life....."
(Full lead item not reported)
1
2
3
(Response options not reported)

O-SLu/c/sq/v/4/a      Selfreport on single question :

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

O-SLu/h/sq/v/4/a      Selfreport on single question:

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

O-SLW/cm/sq/v/4/a      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

# Appendix 2: Statistics used

| Symbol | Explanation |
|--------|-------------|
| Beta | (ß) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS)<br>Type: test statistic.<br>Measurement level: Correlates: all metric, Happinessl: metric.<br>Range: [-1 ; +1]<br><br>Meaning:<br>beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.<br>beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.<br>beta = 0 « no correlation.<br>beta = + 1 or -1 « perfect correlation.<br><br>Remark:<br>Mean of observations is subtracted from all observations if standardized. |
| DM | DIFFERENCE of MEANS<br>Type: descriptive statistic only.<br>Measurement level: Correlate: dichotomous, Happiness: metric<br>Range: depending on the happiness rating scale of the author; range symmetric about zero.<br><br>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)<br>Type: test statistic<br>Measurement level: Correlate: nominal or ordinal, Happiness: metric<br>Range: [0; 1]<br><br>Meaning: correlate is accountable for E² x 100 % of the variation in happiness.<br>E² = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.<br>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,

rs SPEARMAN'S RANK CORRELATION COEFFICIENT
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal.
Range: [-1; +1]

Meaning:
rs = 0 « no rank correlation
rs = 1 « perfect rank correlation, where high correlate values are associated with high happiness ratings
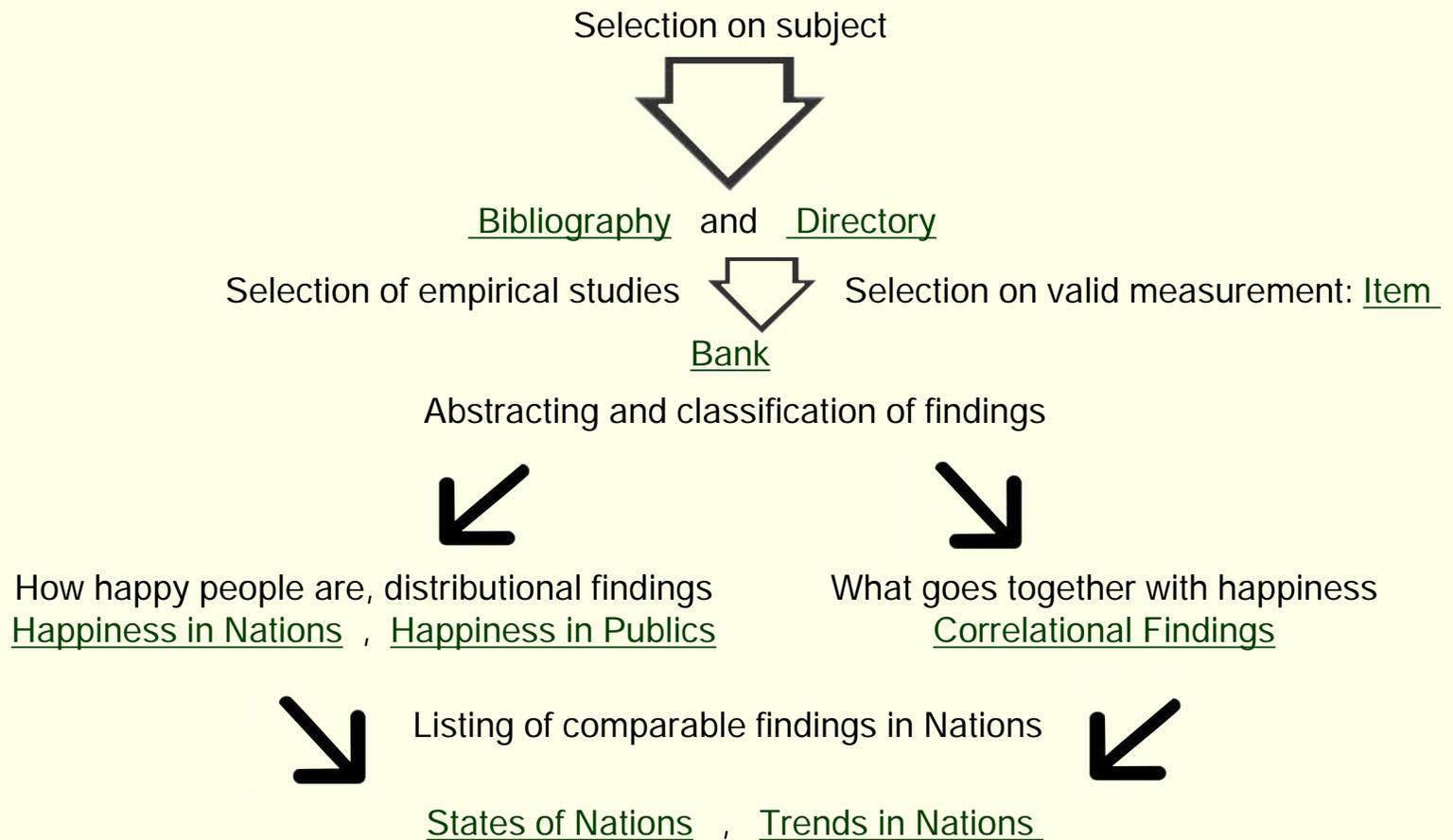rs =-1 « perfect rank correlation, where high correlate values are associated with low happiness ratings

# Appendix 3: About the World Database of Happiness

## Structure of the collections

The World Database of Happiness is an ongoing register of scientific research on the subjective enjoyment of life.
It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.
World literature on Happiness

Selection on subject

Bibliography   and   Directory

Selection of empirical studies   Selection on valid measurement: Item Bank

Abstracting and classification of findings

How happy people are, distributional findings
Happiness in Nations  ,  Happiness in Publics

What goes together with happiness
Correlational Findings

Listing of comparable findings in Nations

States of Nations  ,  Trends in Nations

Size of the collections
1226 Happiness measures (Item Bank)
4258 Nations surveys in 206 Nations
149 Distinguished publics in 1199 studies
12032 Correlational findings in 1196 studies

# Appendix 4 Further Findings in the World Database of Happiness

| Main Subjects | Subject Description | Number of Studies |
|---|---|---|
| A1 | ACTIVITY: LEVEL (how much one does) | 58 |
| A2 | ACTIVITY: PATTERN (what one does) | 32 |
| A3 | AFFECTIVE LIFE | 48 |
| A4 | AGE | 400 |
| A5 | AGGRESSION | 12 |
| A6 | ANOMY | 32 |
| A7 | APPEARANCE (good looks) | 15 |
| A8 | ATTITUDES | 6 |
| A9 | AUTHORITARIANISM | 4 |
| B1 | BIRTH CONTROL | 1 |

| B2 | BIRTH HISTORY (own birth) | 201 |
|---|---|---|
| B3 | BODY | 77 |
| C1 | CHILDREN | 1 |
| C2 | CHILDREN: WANT FOR (Parental aspirations) | 6 |
| C3 | CHILDREN: HAVING (parental status) | 195 |
| C4 | CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN | 25 |
| C5 | CHILDREN: RELATION WITH ONE'S CHILDREN | 8 |
| C6 | CHILDREN: REARING OF ONE'S CHILDREN (parental behavior) | 26 |
| C7 | COMMUNAL LIVING | 9 |
| C8 | CONCERNS | 18 |
| C9 | COPING | 43 |
| C10 | CREATIVENESS | 6 |
| C11 | CULTURE (Arts and Sciences) | 8 |
| D1 | DAILY JOYS & HASSLES | 5 |
| E1 | EDUCATION | 302 |
| E2 | EMPLOYMENT | 363 |
| E3 | ETHNICITY | 98 |
| E4 | EXPRESSIVE BEHAVIOR | 12 |
| F1 | FAMILY OF ORIGIN (earlier family for adults, current for young) | 236 |
| F2 | FAMILY OF PROCREATION | 58 |
| F3 | FAMILY OF RELATIVES | 157 |
| F4 | FARMING | 25 |
| F5 | FREEDOM | 32 |
| F6 | FRIENDSHIP | 152 |
| G1 | GENDER | 370 |
| G2 | GRIEF | 1 |
| H1 | HABITS | 1 |
| H2 | HANDICAP | 25 |
| H3 | HAPPINESS: VIEWS ON HAPPINESS | 49 |
| H4 | HAPPINESS: DISPERSION OF HAPPINESS | 10 |
| H5 | HAPPINESS: CAREER | 191 |
| H6 | HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES | 310 |
| H7 | HAPPINESS OF OTHERS | 0 |
| H8 | HAPPINESS: REPUTATION OF HAPPINESS | 19 |
| H9 | HEALTH-BEHAVIOR | 25 |
| H10 | HELPING | 5 |
| H11 | HOPE | 8 |
| H12 | HOUSEHOLD: COMPOSITION | 137 |
| H13 | HOUSEHOLD: WORK | 32 |

| | | |
|---|---|---:|
| H14 | HOUSING | 106 |
| I1 | INCOME | 552 |
| I2 | INSTITUTIONAL LIVING | 43 |
| I3 | INTELLIGENCE | 71 |
| I4 | INTERESTS | 8 |
| I5 | INTERVIEW | 73 |
| I6 | INTIMACY | 103 |
| L1 | LANGUAGE | 2 |
| L2 | LEADERSHIP | 8 |
| L3 | LEISURE | 206 |
| L4 | LIFE APPRAISALS: OTHER THAN HAPPINESS | 368 |
| L5 | LIFE CHANGE | 35 |
| L6 | LIFE EVENTS | 86 |
| L7 | LIFE GOALS | 75 |
| L8 | LIFE HISTORY | 2 |
| L9 | LIFE STYLE | 22 |
| L10 | LOCAL ENVIRONMENT | 374 |
| L11 | LOTTERY | 8 |
| L12 | LOVE-LIFE | 31 |
| M1 | MARRIAGE: MARITAL STATUS CAREER | 64 |
| M2 | MARRIAGE: CURRENT MARITAL STATUS | 543 |
| M3 | MARRIAGE: RELATIONSHIP | 115 |
| M4 | MARRIAGE: PARTNER | 46 |
| M5 | MEANING | 23 |
| M6 | MEDICAL TREATMENT | 81 |
| M7 | MENTAL HEALTH | 218 |
| M8 | MIGRATION: TO OTHER COUNTRY | 29 |
| M9 | MIGRATION: MOVING WITHIN COUNTRY (residential mobility) | 17 |
| M10 | MIGRATION: MIGRANT WORK | 3 |
| M11 | MILITARY LIFE | 7 |
| M12 | MODERNITY | 6 |
| M13 | MOOD | 246 |
| M14 | MOTIVATION | 7 |
| N1 | NATION: NATIONALITY | 29 |
| N2 | NATION: ERA (temporal period) | 41 |
| N3 | NATION: NATIONAL CHARACTER (modal personality) | 29 |
| N4 | NATION: CONDITION IN ONE'S NATION | 430 |
| N5 | NATION: POSITION OF ONE'S NATION | 1 |
| N6 | NATION: ATTITUDES TO ONES NATION | 152 |

| N7 | NATION: LIVABILITY OF ONE'S NATION | 17 |
|---|---|---|
| N8 | NATION i: ATTITUDES IN | 1 |
| N9 | REGION IN NATION | 59 |
| N10 | NUTRITION | 23 |
| N21 | ERA | 0 |
| O1 | OCCUPATION | 178 |
| O2 | ORGAN TRANSPLANTATION | 17 |
| P1 | PERSONALITY: HISTORY | 48 |
| P2 | PERSONALITY: CHANGE | 10 |
| P3 | PERSONALITY: CURRENT ORGANIZATION | 7 |
| P4 | PERSONALITY: CURRENT TRAITS | 462 |
| P5 | PERSONALITY: LATER | 23 |
| P6 | PHYSICAL HEALTH | 427 |
| P7 | PLANNING | 11 |
| P8 | POLITICAL BEHAVIOUR | 231 |
| P9 | POPULARITY | 26 |
| P10 | POSSESSIONS | 60 |
| P11 | PRISON | 1 |
| P12 | PROBLEMS | 25 |
| P13 | PSYCHO-SOMATIC COMPLAINTS | 62 |
| P14 | PETS | 3 |
| R1 | RELIGION | 251 |
| R2 | RESOURCES | 9 |
| R3 | RETIREMENT | 89 |
| R4 | ROLES | 23 |
| S1 | SCHOOL | 129 |
| S2 | SELF-IMAGE | 237 |
| S3 | SEX-LIFE | 61 |
| S4 | SLEEP | 16 |
| S5 | SOCIAL MOBILITY | 17 |
| S6 | SOCIAL PARTICIPATION: PERSONAL CONTACTS | 69 |
| S7 | SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS | 131 |
| S8 | SOCIAL PARTICIPATION: TOTAL (personal + associations) | 34 |
| S9 | SOCIO-ECONOMIC STATUS | 154 |
| S10 | SOCIAL SUPPORT: RECEIVED | 62 |
| S11 | SOCIAL SUPPORT: PROVIDED | 6 |
| S12 | SPORTS | 38 |
| S13 | STIMULANTS | 49 |
| S14 | SUICIDE | 8 |

| | | |
|---|---|---:|
| S15 | SUMMED DETERMINANTS | 92 |
| T1 | TIME | 53 |
| T2 | THERAPY | 38 |
| T3 | TOLERANCE | 37 |
| V1 | VALUES: CAREER | 8 |
| V2 | VALUES: CURRENT PREFERENCES (own) | 73 |
| V3 | VALUES: CLIMATE (current values in environment) | 7 |
| V4 | VALUES: SIMILARITY (current fit with others) | 12 |
| V5 | VICTIM | 14 |
| W1 | WAR | 5 |
| W2 | WISDOM | 2 |
| W3 | WORK: CAREER | 2 |
| W4 | WORK: CONDITIONS | 68 |
| W5 | WORK: ATTITUDES | 347 |
| W6 | WORK: PERFORMANCE (current) | 29 |
| W7 | WORRIES | 31 |
| XX | UNCLASSIFIED | 25 |

## Appendix 5: Related Subjects

| Subject | | Related Subject(s) | |
|---|---|---|---|
| P9 | POPULARITY | F6 | FRIENDSHIP |
| P9.2.2 | Perceived popularity | S2.7.1 | Self-perceived reputation |
| P9.2.2.1 | . popularity with colleagues | W5.4.2.3 | . satisfaction with colleagues |
| P9.2.2.2 | . popularity with same sex | F6 | FRIENDSHIP |
| P9.2.2.3 | . popularity with opposite sex | L12.2.1 | Involved in dating |
| P9.2.2.4 | . popularity in community | S8 | SOCIAL PARTICIPATION: TOTAL (personal + associations) |
| P9.2.3 | Own liking of others | P4.65 | Liking |

## A report of the World Database of Happiness, Correlational Findings