

World Database of Happiness



Correlational Findings on Happiness and MIGRATION: MOVING WITHIN COUNTRY (residential mobility) Subject Code: M9

© on data collection: [Ruut Veenhoven](#),
[Erasmus University Rotterdam](#)

Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	0
M9.1	Moving career	0
M9.1.1	Earlier residential mobility	1
M9.1.1.1	. ever moved or not	0
M9.1.1.2	. times moved in country	5
M9.1.1.3	. Time since last move	5
M9.1.4	Later moving	0
M9.2	Current residential mobility	0
M9.2.1	Recently moved	6
M9.2.2	Conditions of moving	0
M9.2.3	Integration in new community	0
M9.3	Attitudes to residential mobility	0
Appendix 1	Happiness Items 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 Subjects	

Cite as

Veenhoven, R.: Findings on MIGRATION: MOVING
WITHIN COUNTRY (residential mobility)
World Database of Happiness, Correlational Findings
Internet: worlddatabaseofhappiness.eur.nl
Erasmus University Rotterdam, 2009, Netherlands

Correlational finding on Happiness and Earlier residential mobility

Subject code: M9.1.1

Study NEAR 1978

Reported in: Near, J.P.; Rice, R.W.; Hunt, R.G.
Work and Extra-Work Correlates of Life and Job Satisfaction.
Academy of Management Journal, 1978, Vol. 21, 248 - 264
Page in Report:

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

Sample:

Non-Response:

N: 384

Correlate

Authors label: Change in living environment (2)

Our classification: Earlier residential mobility, code M9.1.1

Measurement: 0 Current living environment (urban, rural, suburban)
different from the one 1 in childhood

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sq/v/5/d</u>	<u>R²=01</u> <u>ns</u>	Explained variance in ANOVA.

Correlational finding on Happiness and . times moved in country

Subject code: M9.1.1.2

Study ALLAR 1973/1

Reported in: Allardt, E.

About Dimensions of Welfare: 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: Number of communities in which one lived (1)

Our classification: . times moved in country, code M9.1.1.2

Measurement: 4-point scale ranging from "one" to "five or more"

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

rpc=-.05

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, feelings 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.

Correlational finding on Happiness and . times moved in country
Subject code: M9.1.1.2

Study ALLAR 1973/2

Reported in: Allardt, E.
 About Dimensions of Welfare: 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: Number of communities in which one lived (1)

Our classification: . times moved in country, code M9.1.1.2

Measurement: 4-point scale ranging from "one" to "five or more"

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, feelings 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.

Correlational finding on Happiness and . times moved in country
 Subject code: M9.1.1.2

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: Number of communities in which lived (1)

Our classification: . times moved in country, code M9.1.1.2

Measurement: 4-point scale ranging from "one" to "five or more"

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

rpc=-.02

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.

Correlational finding on Happiness and . times moved in country

Subject code: M9.1.1.2

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: Number of communities in whichlived (1)

Our classification: . times moved in country, code M9.1.1.2

Measurement: 4-point scale ranging from "one" to "five or more"

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

rpc=0.00

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 liked, feeling of chance to succeed, feeling of being able to use knowledge and skills, gets sufficient attention, satisfaction with income, age, gender.

Correlational finding on Happiness and . times moved in country

Subject code: M9.1.1.2

Study PALMO 1972

Reported in: Palmore, E.B.; Luikart, C.
Health and Social Factors Related to Life Satisfaction.
Journal of Health and Social Behavior, 1972, Vol. 13, 68 -80. ISSN 0022 1465
Page in Report: 70

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

Sample: Probability stratified sample

Non-Response:

N: 502

Correlate

Authors label: Geographic mobility. (1)

Our classification: . times moved in country, code M9.1.1.2

Measurement: Number of times one moved his residence in the past 10 years.

Measured Values: Actual range 0-7 M 0.5 SD=1.0

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
C-BW/c/sq/l/10/c	r=-.05	

Correlational finding on Happiness and . Time since last move

Subject code: M9.1.1.3

Study BRINK 1986A

Reported in: Brinkerhoff, M.B.; Jacob, J.
 Quality of Life in an Alternative Lifestyle: The Smallholding Movement.
 Social Indicators Research, 1986, Vol. 18, 153 - 173 ISSN p 0303 8300; ISSN e 1573
 0921 DOI:10.1007/BF00317546
 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: Years at residence (1)

Our classification: . Time since last move, code M9.1.1.3

Measurement: Self report of years at the property (mini-farm)

Measured Values: range: 0 - 60, M = 6.4

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HL/u/sq/v/4/a	<u>r=+.08</u> <u>p<.05</u>	

Correlational finding on Happiness and . Time since last move
 Subject code: M9.1.1.3

Study MICHA 1983

Reported in: Michalos, A.C.
 Satisfaction and Happiness in a Rural Northern Resource Community.
 Social Indicators Research, 1983, Vol. 13, 225 - 252. ISSN 0303 8300. DOI:10.1007/
 BF00318099
 Page in Report: 233

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

*Sample:**Non-Response:* 8%*N:* 598

Correlate

Authors label: Time in area (1)*Our classification:* . Time since last move, code M9.1.1.3*Measurement:*

Observed Relation with Happiness

*Happiness Measure**Statistics Elaboration/Remarks*O-HL/u/sq/v/7/aBeta= ns

All β 's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the other demographic factors: sex, age, formal education, language, work status, marital status

Males : N: 173 β : +.04Females: N: 154 β : -.03O-DT/c/sq/v/7/aaBeta= +.02

All β 's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the other demographic factors: sex, age, formal education, language, work status, marital status.

Males : N: 173 β : +.04Females: N: 154 β : ns

Correlational finding on Happiness and . Time since last move

Subject code: M9.1.1.3

Study **MORAW 1977**

Reported in: Morawetz, D.
Income Distribution and Self-Rated Happiness: Some Empirical Evidence.
The Economic Journal, 1977, Vol. 87, 511 - 522. ISSN 0013 0133
Page in Report: 515; 518

Population: Adults, two villages (one equal in incomes, one unequal), Israel, 1976

Sample: Non-probability purposive-expert sample

Non-Response: 38%

N: 109

Correlate

Authors label: Years lived in moshav

Our classification: . Time since last move, code M9.1.1.3

Measurement: years lived in the moshav

Measured Values: M=15 (years)

Remarks: A "moshav" is a settlement or a small community in Israel.
The two "moshavs" investigated in this study contain 40-50 households each.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
--------------------------	-------------------	----------------------------

C-BW/c/sq/l/11/a B=-.05 B controlled for:
p<.05 - religion
 - place of birth
 - age
 - sex
 - education
 - not married
 - children at home
 - rooms per house
 - rooms per person
 - telephone
 - no car
 - agricultural work
 - income per standard adult
 - Moshav

C-BW/c/sq/l/11/a B=-.03 B controlled for the above variables with income
ns left out

Correlational finding on Happiness and . Time since last move

Subject code: M9.1.1.3

Study PEIL 1984

Reported in: Peil, M.
African Urban Life: Components of Satisfaction in Sierra Leone.
Social Indicators Research, 1984, Vol. 14, 363 - 384. ISSN p 0303 8300;ISSN e 1573
0921 DOI:10.1007/BF00692990
Page in Report: Extra info

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

Sample:

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

N: 640

Correlate

Authors label: Arrival in place of residence (1)

Our classification: . Time since last move, code M9.1.1.3

Measurement: born in town
 arrived by age of 15
 > 20 years ago
 10-19 years ago
 5-9 years ago
 0-4 years ago

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sq/l/7/a</u>	<u>DMt=±</u>	Happiness level in Mt' (0-10):
		- born in town males: 7.9 females: 7.5
		- arr. by age 15 6.9 7.3
		- >20 years ago 7.5 6.8
		- 10-19 years ago 7.5 7.9
		- 5-9 years ago 7.1 7.4
		- 0-4 years ago 7.4 7.5

Correlational finding on Happiness and . Time since last move

Subject code: M9.1.1.3

Study PEIL 1984

Reported in: Peil, M.
 African Urban Life: Components of Satisfaction in Sierra Leone.
 Social Indicators Research, 1984, Vol. 14, 363 - 384. ISSN p 0303 8300;ISSN e 1573 0921 DOI:10.1007/BF00692990
 Page in Report: Extra info

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

Sample:

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

N: 640

Correlate

Authors label: Age at arrival in place of residence (1)

Our classification: . Time since last move, code M9.1.1.3

Measurement:

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

DMt=

Happiness level in Mt' (0-10):

- born	males: 7.9	females: 7.5
- 0-14	7.0	7.3
- 15-24	7.1	7.2
- 25-34	7.6	7.6
- 35+	7.5	7.0

Correlational finding on Happiness and Recently moved Subject code: M9.2.1

Study

MARTI 1984

Reported in: Martinson, O.B.; Wilkening, E.A. ; Mc Grahnan, D.
Predicting overall Life Satisfaction: The Role of Life Cycle and Social Psychological Antecedents.
Social Indicators Research 1984, Vol. 14, 99 - 108. ISSN 0303 8300. DOI:10.1007/BF00315724
Page in Report: 104

Population: 18+aged, general public, N.W.Wisconsin, USA, 1974

Sample:

Non-Response: 12%

N: 1423

Correlate

Authors label: Recent move to ruralarea (1)

Our classification: Recently moved, code M9.2.1

Measurement: Single direct question:
 0: lived 5 years or more in community
 or county, if rural.
 1: other.
 (At time of study, all ss lived in primarily rural area)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sqt/v/7/a</u>	<u>Beta=</u> <u>+ .02 ns</u>	age <30: $\beta = +.04$ ns 30 - 49: $\beta = +.00$ ns 50 - 64: $\beta = +.01$ ns > 64: $\beta = -.03$ ns
		β controlled for: powerlessness, community solidarity, health, days too sick to work, separated / divorced, unemployed, contact with relatives, contact with friends, church attendance, organizational membership, education, family income.

Correlational finding on Happiness and Recently moved

Subject code: M9.2.1

Study MARTI 1985

Reported in: Martinson, O.B., Wilkening, E.A.; Linn, J.G.
 Life Change, Health Status and Life Satisfaction: A Reconsideration.
 Social Indicators Research, 1985, Vol. 16, 301 - 313. ISSN 0303 8300. DOI:10.1007/BF00415128
 Page in Report: 309

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

Sample:

Non-Response: 14%

N: 1423

Correlate

Authors label: Recent migrant (1)

Our classification: Recently moved, code M9.2.1

Measurement: Single direct question:
 1: Lived 5 years or more in community,
 or county if rural
 0: Other

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-SLW/u/sqt/v/7/a

Beta=

β of different age groups:

under 30	: -.01	ns	30-49	: -.02	ns
50-64	: +.03	ns	over 64	: +.03	ns

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

Correlational finding on Happiness and Recently moved Subject code: M9.2.1

Study

MOLLE 1988

Reported in: Moller, V.
 Quality of Life in Retirement: A Case Study of Zulu Return Migrants.
 Social Indicators Research, 1988, Vol. 20, 621 - 658. ISSN 0303 8300
 Page in Report: 631

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

Sample:

Non-Response:

N: 253

Correlate

Authors label: Newcomer in community (1)*Our classification:* Recently moved, code M9.2.1*Measurement:* 0: local person (70%)
1: newcomer (30%)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sq/v/5/d</u>	<u>r=-.07 ns</u>	
<u>O-HL/c/sq/v/5/a</u>	<u>r=-.10</u> <u>p<.01</u>	

Correlational finding on Happiness and Recently moved Subject code: M9.2.1

Study **STORA 1975**

Reported in: Storandt, M.; Wittels, J.; Botwinick, J.
Predictors of a Dimension of Well-Being in Relocated Healthy Aged.
Journal of Gerontology, 1975, Vol. 30, 97 - 102. ISSN 0022 1422
Page in Report: 99*Population:* 60+ aged, followed 15 months after move, USA, 197?*Sample:**Non-Response:* 50%; 47% unattainable, 3% incomplete

N: 122

Correlate

Authors label: Well-being (2)

Our classification: Recently moved, code M9.2.1

Measurement: Ratings by two psychologists on a 5-point scale. The raters were instructed to rate on a dimension of well-being that ranged from spent, played out, almost senile in manner, to alive, zestful, vital, even enthusiastic.
Assessed at T2 (11 to 19 month after move).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLP/c/sq/l/11/a</u>	<u>AoV=+</u> <u>ns</u>	Happiness assessed at T1 (within 5 months of moving into new residence: 73 were tested up to 5 months prior to moving, 49 were tested within 5 months following the move; no significant differences between these groups were found)

Correlational finding on Happiness and Recently moved Subject code: M9.2.1

Study **WILKE 1978/1**

Reported in: Wilkening, E.A.; McGranahan, D.
Correlates of Subjective Well-Being in Northern Wisconsin.
Social Indicators Research, 1978, Vol. 5, 211 - 234. ISSN p 0303 8300; ISSN 1573 0921 DOI:10.1007/BF00352930
Page in Report: 225

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

Sample:

Non-Response: 12%

N: 1423

Correlate

Authors label: Recent move (1)

Our classification: Recently moved, code M9.2.1

Measurement: 1: lived 5 years or more in community
or county if rural.
0: under 5 years.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sqt/v/7/a</u>	<u>r=-.11</u> <u>p<.05</u>	
<u>O-SLW/u/sqt/v/7/a</u>	<u>Beta=-.07</u> <u>p<.05</u>	<p>β controlled for 1+2+3+4+5 :</p> <p>1: education, occupation, income, level of living</p> <p>2: live alone, married, children, contact with relatives, contact with friends, church attendance, organizational membership.</p> <p>3: health problems, separated/divorced, unemployed</p> <p>4: retired, widowed.</p> <p>5: urban living, rural living, female.</p> <p>β in different age groups:</p> <p>under 30: -.09 (ns) 30-49 : -.07 (ns)</p> <p>50-64 : -.04 (ns) over 64 : -.04 (ns)</p>
<u>O-SLW/u/sqt/v/7/a</u>	<u>Beta=-.11</u> <u>p<.05</u>	<p>β controlled for 3 only:</p> <p>interaction with age: ns</p>

Correlational finding on Happiness and Recently moved

Subject code: M9.2.1

Study **WILLI 1978**

Reported in: Willits, F.K.; Bealer, R.C.; Crider, D.M.
Migrant Status and Success: A Panel Study
Rural Sociology, 1978, Vol. 43, 386 - 402
Page in Report: 394

Population: Highschool pupils, rural area, followed 25 years, Pennsylvania, USA, 1946-71

Sample:

Non-Response: 26%

N: 2081

Correlate

Authors label: Migration (1)

Our classification: Recently moved, code M9.2.1

Measurement: 0. Non-migrants
1. Migrants

Ss. were defined as a migrant if their residences at T1 and T2 were more than 50 miles apart.

Remarks: Happiness assessed at T2.

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-HL/c/sq/v/3/aa Beta=-.05 Males: - non-migrants M = 1.27 Mt' = 6.4
ns - migrants M = 1.27 Mt' = 6.4

O-HL/c/sq/v/3/aa Beta= Females: - non-migrants M = 1.36 Mt' = 6.8
+.04 ns - migrants M = 1.42 Mt' = 7.1

β controlled for father's occupation, highschool grade point average and education.

Appendix 1: Happiness Items used

Happiness Item Code

Full Text

C-BW/c/sq/l/10/c

Selfreport on single question:

Here is a picture of a ladder. Suppose we say that the top of the ladder (10) represents the best possible life for you and the bottom (1) represents the worst possible life for you. Where on the ladder do you feel personally stand at the present time?

[9] best possible life for you

[8]

[7]

[6]

[5]

[4]

[3]

[2]

[1]

[0] worst possible life for you

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

C-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 represents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?"

[10] best possible life

[9]

[8]

[7]

[6]

[5]

[4]

[3]

[2]

[1]

[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.

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

O-DT/c/sq/v/7/aa

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

No opinion

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

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/4/a

Selfreport on single question:

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

4 very happy

3 quite happy

2 quite unhappy

1 very unhappy

O-HL/c/sq/v/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/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/7/a

Selfreport on single question:

Considering your life as a whole, would you describe it as.....?

1 very unhappy

2

| unhappy

3

4 an even mixture of unhappiness and happiness

5

| happy

6

7 very happy

no opinion

O-SLP/c/sq//11/a

Selfreport on single question :

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

[10] entirely satisfied

[9]

[8]

[7]

[6]

[5]

[4]

[3]

[2]

[1]

[0] entirely dissatisfied

Name Cantril ladder rating (modified version)

O-SLW/c/sq/v/5/d

Selfreport on single question:

Taking everything into consideration, how satisfied are you with life in general at the present time? Would you say you are.....?

5 extremely satisfied

4 very satisfied

3 fairly satisfied

2 slightly satisfied

1 not satisfied"

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

Selfreport on single question:

How do you feel about your life as a whole?

Rated on a seven step quality of life ladder was marked with a smiling face and marked "GOOD". The bottom marked with a frowning face and the word 'BAD'

[7] Good, picture of smiling face

[6]

[5]

[4]

[3]

[2]

[1] Bad, picture of frowning face

(Pictures not reproduced here)

O-SLW/u/sq/v/5/d

Selfreport on single question:

Taking your life as a whole, are you?

5 very satisfied

4 quite satisfied

3 more satisfied than discontented

2 more discontented than satisfied

1 quite dissatisfied

O-SLW/u/sq/v/7/a

Selfreport on single question, asked twice in interview:

Considering everything, how satisfied are you with your life as a whole.....?

7 completely satisfied

6

5

4

3

2

1 completely dissatisfied

Summation: both scores added

Possible range: 2 to 14

Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
AoV	<p>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 $N_e - 1$ 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.</p> <p>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)</p>
B	<p>REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS) Type: test statistic Measurement level: Correlate: metric, Happiness: metric Theoretical range: unlimited</p> <p>Meaning: $B > 0$ A higher correlate level corresponds with, on an average, higher happiness rating. $B < 0$ A higher correlate level corresponds with, on an average, lower happiness rating. $B = 0$ Not any correlation with the relevant correlate.</p>

Beta	<p>(β) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS) Type: test statistic. Measurement level: Correlates: all metric, Happiness: metric. Range: [-1 ; +1]</p> <p>Meaning: beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating. beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating. beta = 0 « no correlation. beta = + 1 or -1 « perfect correlation.</p> <p>Remark: Mean of observations is subtracted from all observations if standardized.</p>
DMt	<p>DIFFERENCE of MEANS AFTER TRANSFORMATION Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Theoretical range: [-10; +10]</p> <p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.</p>
r	<p>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]</p> <p>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.</p>
rpc	<p>PARTIAL CORRELATION COEFFICIENT Type: test statistic Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1]</p> <p>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,</p>

R²

COEFFICIENT of DETERMINATION

Type: test statistic

Measurement level: Correlates: all metric, Happiness: metric

Range: [0; 1]

Meaning:

R² = 0 « no influence of any correlate in this study has been established.

R² = 1 « the correlates determine the happiness completely.

Appendix 3: About the World Database of Happiness

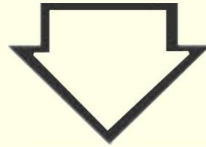
Structure of the collections

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.

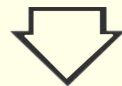
World literature on Happiness

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

<i>Main Subjects</i>	<i>Subject Description</i>	<i>Number of Studies</i>
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)*

M9.1.1 Earlier residential mobility	L6.1.1 Earlier life-events
M9.2 Current residential mobility	L6.2 Current life-events (past few years)
M9.2.3 Integration in new community S6	SOCIAL PARTICIPATION: PERSONAL CONTACTS
M9.2.3 Integration in new community S7	SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS
M9.2.3 Integration in new community S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)

A report of the World Database of Happiness, Correlational Findings