World Database of Happiness
Correlational Findings
© on data collected: Ruut Veenhoven, Erasmus University Rotterdam

Findings on Happiness & FRIENDSHIP

Correlate Code: F 6

Classification of Findings		*Number of Studies*
Correlate Code	*Correlate Name*	*on this Subject*
F 6	FRIENDSHIP	0
F 6.1	Friendship career	0
F 6.1.1	Earlier friendships	1
F 6.1.2	Change in friendships	1
F 6.1.3	History of current friendships	1
F 6.1.4	Later friendships	1
F 6.2	Current number of friends	8
F 6.2.1	Number of close friends	10
F 6.2.2	Number of friends/acquaintances	1
F 6.3	Current contacts with friends	19
F 6.3.1	Visits to friends	2
F 6.3.2	Telephone calls with friends	3
F 6.3.3	Attendance of parties	2
F 6.3.5	Intimate discussions	1
F 6.4	Current friendship network	0
F 6.4.1	Friends in community	0
F 6.4.2	Friends are friends	1
F 6.4.3	Married friends	1
F 6.5	Current characteristics of friends	0
F 6.5.1	Happiness of friends	0
F 6.5.2	Similarity with friends	0
F 6.6	Attitudes to friendship	1
F 6.6.1	Concern about friends	0
F 6.6.2	Satisfactions with friends	70

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 & FRIENDSHIP
	World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness
	Erasmus University Rotterdam, 2003, Netherlands

Study	**ADAMS 1988**	*Page in Report:*	35/36

Reported in:	Adams, R.G.
	Which comes first: Poor psychological well-being or decreased friendship activity?
	Activities, Adaptation and Aging, 1988, vol. 12, p.27-41
Population:	62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84
Sample:	
Non-Response:	Dropout : 27% due to incapacity, 13% refusal
N:	70 (T1), 42 (T2)

Measured Correlate

Class:	Earlier friendships Code: F 6.1.1
Measurement:	Ss were first asked to list the persons they consider as friends. Next they indicated which of these are emotionally close.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-BB/cm/mq/v/2/a	r=+.17	ns	Synchronic correlation at T1.
	r=+.38	p<.05	Synchronic correlation at T2. The correlation has increased between T1 and T2 (difference in r .21).
	rpc=+.12 ns		Diachronic correlation: T1 emotionally close friends by T2 happiness, controlled for T1 happiness. Rpc indicates the effect of earlier emotionally close friends on later CHANGE IN HAPPINESS.

rpc=+.20 ns   Diachronic correlation: T1 happiness by T2
                   emotionally close friends, controlled for T1
                   emotionally close friends.
                   Rpc indicates the EFFECT OF EARLIER HAPPINESS on
                   later change of emotionally close friends.

                   The effect of emotionally close friends on
                   happiness appears somewhat smaller than the effect
                   of happiness on emotionally close friends
                   (difference in rpc .08).

Study   **HEADE 1982/2**   *Page in Report:*

Reported in:	Headey, B.; Holström, E.; Wearing, A.J.
	Australians' Priorities Satisfactions and Well-being: Methodological Issues
	Monograph in Public Policy Studies, nr.8, University of Melbourne, 1982, Australia
Population:	Adults, general public, Melbourne, Australia, followed 25 months 1978-81
Sample:	Probability sample (unspecified)
Non-Response:	0
N:	184

Measured Correlate

Class:	Change in friendships Code: F 6.1.2
Measurement:	Index of 4 single questions on satisfaction with:

```
Index of 4 single questions on satisfaction with:
a: The people you see socially
b: Your friends
c: The friends of opposite sex you have
d: How much you are accepted and included by others
All scored on a 1-9 D-T rating scale, summation by average.
```

Measured Values:

Error Estimates:

Remarks: Both Happiness (ABS) and satisfaction with friends were assessed at T1 and T2 (25 month interval)

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	Beta=+.2 p<.020	T1-T2 CHANGE in happiness by T1-T2 CHANGE in satisfaction with friends Both Happiness (ABS) and satisfaction with friends were assessed at T1 and T2 (25 month interval)
	Beta=+.0 ns	T1-T2 CHANGE in happiness by T1-T2 CHANGE in satisfaction with friends

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Beta controlled for satisfaction with
- sex life
- health
- house
- standard of living
- self-fulfillment
- leisure
```

Study   **AUSTR 1984/2**   *Page in Report:*   217

Reported in:	Austrom, D.R.
	The consequences of being single
	Peter Lang Publ., New York, 1984
Population:	23-59 aged English speaking, Toronto and Ontario, Canada, 198?
Sample:	
Non-Response:	45%
N:	1038

Measured Correlate

Class:	History of current friendships Code: F 6.1.3
Measurement:	Single open-ended question. The respondents were asked how many years they knew one friend in particular that they confided in.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/n/11/a	r=+.02 ns	

Study **ADAMS 1988**

Reported in:	Adams, R.G.
	Which comes first: Poor psychological well-being or decreased friendship activity?
	Activities, Adaptation and Aging, 1988, vol. 12, p.27-41
Population:	62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84
Sample:	
Non-Response:	Dropout : 27% due to incapacity, 13% refusal
N:	70 (T1), 42 (T2)

Measured Correlate

Class:	Later friendships Code: F 6.1.4
Measurement:	Ss were first asked to list the persons they consider as friends. Next they indicated which of these are emotionally close.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.17	ns	Synchronic correlation at T1.
	r=+.38	p<.05	Synchronic correlation at T2. The correlation has increased between T1 and T2 (difference in r .21).
	rpc=+.12 ns		Diachronic correlation: T1 emotionally close friends by T2 happiness, controlled for T1 happiness. Rpc indicates the effect of earlier emotionally close friends on later CHANGE IN HAPPINESS.

rpc=+.20 ns   Diachronic correlation: T1 happiness by T2
                     emotionally close friends, controlled for T1
                     emotionally close friends.
                     Rpc indicates the EFFECT OF EARLIER HAPPINESS on
                     later change of emotionally close friends.

                     The effect of emotionally close friends on
                     happiness appears somewhat smaller than the effect
                     of happiness on emotionally close friends
                     (difference in rpc .08).

Study	**ADAMS 1988**	*Page in Report:*	35/36

Reported in:	Adams, R.G.
	Which comes first: Poor psychological well-being or decreased friendship activity?
	Activities, Adaptation and Aging, 1988, vol. 12, p.27-41
Population:	62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84
Sample:	
Non-Response:	Dropout : 27% due to incapacity, 13% refusal
N:	70 (T1), 42 (T2)

Measured Correlate

Class:	Current number of friends Code: F 6.2
Measurement:	Ss were asked to list the persons they consider as friends. The persons mentioned were counted.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.21	p<.10	Synchronic correlation at T1.
	r=+.15	ns	Synchronic correlation at T2. The correlation has decreased between T1 and T2 (difference in r .06).
	rpc=+.21	p<.10	Diachronic correlation: T1 friends by T2 happiness, controlled for T1 happiness. Rpc indicates the effect of earlier friends on later CHANGE IN HAPPINESS.
	rpc=+.27	p<.05	Diachronic correlation: T1 happiness by T2 friends, controlled for T1 friends. Rpc indicates the EFFECT OF EARLIER HAPPINESS on later change in friends.
			The effect of friends on happiness appears somewhat smaller than the effect of happiness on friends (difference in rpc .06).

Study   **ALLAR 1973/1**   *Page in Report:*

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:	Current number of friends Code: F 6.2
Measurement:	8-point scale,m ranging from 'no friends' to '13 or more'
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/4/a	rpc=+.12	Controlled for:Income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, 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, no. of communities in which lived.

| **Study** | **ALLAR 1973/2** | *Page in Report:* |

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:	Current number of friends Code: F 6.2
Measurement:	8-point scale, ranging from 'no friends' to '13 or more'
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/4/a	rpc=+.13	Controlled for:Income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, 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, no. of communities in which lived.

Study   **ALLAR 1973/3**   *Page in Report:*

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, Norway, 1972
Sample:	
Non-Response:	
N:	1000

Measured Correlate

Class:	Current number of friends Code: F 6.2
Measurement:	`8-point scale, ranging from 'no friends' to '13 or more'`

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, 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.`

Study   **ALLAR 1973/4**   *Page in Report:*

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, Sweden, 1972
Sample:	
Non-Response:	
N:	1000

Measured Correlate

Class:	Current number of friends Code: F 6.2
Measurement:	`8-point scale, ranging from 'no friends' to '13 or more'`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/4/a	rpc=+.10	`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.`

| **Study** | **AUSTR 1984/2** | *Page in Report:* | 217 |

Reported in:	Austrom, D.R. The consequences of being single Peter Lang Publ., New York, 1984
Population:	23-59 aged English speaking, Toronto and Ontario, Canada, 198?
Sample:	
Non-Response:	45%
N:	1038

Measured Correlate

Class:	Current number of friends Code: F 6.2
Measurement:	Single closed question rated on a 6-point scale: Approximately how many friends do you have altogether: 1-5 / 6-10 / 11-15 / 16-25 / 26-35 / 35+?
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/n/11/a	r=+.23 p<.001	

Study	**MAKAR 1962**	*Page in Report:*	108

Reported in:	Makarczyk, W.
	Factors affecting life satisfaction among people in Poland.
	Polish Sociological Bulletin, 1962, vol. 1, p. 105-116.
Population:	Adults, general public, students and peasants excluded, Poland, 1960
Sample:	
Non-Response:	5%
N:	2387

Measured Correlate

Class:	Current number of friends Code: F 6.2
Measurement:	Single question: what can you say about your friends ?
	I live more or less on my own / On the whole I stick to the family
	/ I only have a small number of friends / I have a lot of friends.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SLW/u/sq/v/5/a	T=.19	p<.001	Non-agricultural people only.

Study	**MASTE 1984/1**	*Page in Report:*	411

Reported in:	Mastekaasa, A., & Moum, T.
	The perceived quality of life in Norway: regional variationsand contextual effects.
	Social Indicators Research, 1984, Vol 14, p.385-419
Population:	15-64 aged, general public, non-institutionalized, Norway, 1971
Sample:	
Non-Response:	15%
N:	854

Measured Correlate

Class:	Current number of friends Code: F 6.2
Measurement:	`Direct question about number of friends.`
Measured Values:	
Error Estimates:	
Remarks:	Curvilinear relationship.

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/4/d	Beta=+ p<.01	ß controlled for education, income, age, sex, household size, occupational prestige, occupational active, marital status.
		Curvilinear relationship
		Unaffected by both traditionalism and economic level of the county.

Study	**ABE 1986**	*Page in Report:*	259

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: Number of close friends Code: F 6.2.1

Measurement: `Single direct question: How many intimate friends do yiou have`
`other than members of your family?`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SL?/c/sq/v/3/a	DM= ns	

Study	**ABE 1986**	*Page in Report:*	259

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: Number of close friends Code: F 6.2.1

Measurement: `Single direct question`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Study   **ADAMS 1988**

| | | *Page in Report:* | 35/36 |

Reported in: Adams, R.G.
Which comes first: Poor psychological well-being or decreased friendship activity?
Activities, Adaptation and Aging, 1988, vol. 12, p.27-41

Population: 62+ aged, white, non-married, females, middle class suburb of Chicago, USA.
1981-84

Sample:

Non-Response: Dropout : 27%
due to
incapacity, 13%
refusal

N: 70 (T1), 42 (T2)

Measured Correlate

Class: Number of close friends Code: F 6.2.1

Measurement: Ss were first asked to list the persons they consider as friends.
Next they indicated which of these are emotionally close.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	r=+.17 ns	Synchronic correlation at T1.
	r=+.38 p<.05	Synchronic correlation at T2.
The correlation has increased between T1 and T2
(difference in r .21).
	rpc=+.12 ns	Diachronic correlation: T1 emotionally close
friends by T2 happiness, controlled for T1
happiness.
Rpc indicates the effect of earlier emotionally
close friends on later CHANGE IN HAPPINESS.

rpc=+.20 ns   Diachronic correlation: T1 happiness by T2
                     emotionally close friends, controlled for T1
                     emotionally close friends.
                     Rpc indicates the EFFECT OF EARLIER HAPPINESS on
                     later change of emotionally close friends.

                     The effect of emotionally close friends on
                     happiness appears somewhat smaller than the effect
                     of happiness on emotionally close friends
                     (difference in rpc .08).

Study	**AUSTR 1984/2**	*Page in Report:*	217

Reported in:	Austrom, D.R.
	The consequences of being single
	Peter Lang Publ., New York, 1984
Population:	23-59 aged English speaking, Toronto and Ontario, Canada, 198?
Sample:	
Non-Response:	45%
N:	1038

Measured Correlate

Class:	Number of close friends Code: F 6.2.1
Measurement:	Single open-ended question: How many people are there in your life that you feel raelly close to?
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/n/11/a	r=+.16 p<.001	

Study   **STAPE 1988/1**

			Page in Report:	4

Reported in: Stapel, J.
De Gelukkige Nederlanders (The happy dutchman)
Unpublished paper Netherlands Instutitute for Public   Opinion Research, (NIPO)
Amsterdam, the Netherlands, 1988.

Population: 18+ aged, general public, non-institutionalized, The Netherlands, 1988

Sample:

Non-Response:

N: 952

Measured Correlate

Class: Number of close friends Code: F 6.2.1

Measurement: `Single closed question:"Do you have`
`many, a few or no real friends?"`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
M-FH/u/sq/v/3/a	G=+.43 p<. 01	
	G=+.43 p<. 01	

Study	**VENTE 1995**	*Page in Report:*	164

Reported in: Ventegodt, S.
Livskvalitet i Danmark.(Quality of Life in Denmark)
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark,
ISBN 8790190017

Population: 18-88 aged, general public, Denmark, 1993

Sample: Non-probability purposive sample (unspecified)

Non-Response: 39%

N: 1494

Measured Correlate

Class: Number of close friends Code: F 6.2.1

Measurement:
```
Single question:
"Do you have a friend with whom you can talk about everything-and
do ?"
1: has friend
0: no friend
```

Measured Values: N: 803

Error Estimates:

Remarks: partner means: you have sex; friend: no sex

Observed Relation with Happiness

Happiness Query	Statistics	Remarks			
A-AOL/m/sq/v/5/a	DMt=+	no partner unemployed	no partner employed	partner unemployed	partner employed
		1: Ms=6.88	7.50	8.10	8.29
		0: Ms=5.00	6.80	7.05	7.53
O-HL/c/sq/v/5/h	DMt=+	no partner unemployed	no partner employed	partner unemployed	partner employed
		1: Ms=5.88	6.15	7.38	7.60
		0: Ms=5.00	5.40	6.25	6.63
O-SLu/c/sq/v/5/e	DMt=+	no partner unemployed	no partner employed	partner unemployed	partner employed
		1: Ms=6.88	6.86	7.50	8.08
		0: Ms=3.34	5.90	6.36	7.13

(remark overlay: partner means: you have sex; friend: no sex)

Study	**VENTE 1995**	*Page in Report:*	344

Reported in:	Ventegodt, S. Livskvalitet i Danmark.(Quality of Life in Denmark) Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017
Population:	18-88 aged, general public, Denmark, 1993
Sample:	Non-probability purposive sample (unspecified)
Non-Response:	39%
N:	1494

Measured Correlate

Class:	Number of close friends Code: F 6.2.1
Measurement:	Single question: "Do you have a friend with whom you can talk about everything - an do ?" 1: no 2: not sure 3: yes
Measured Values:	N: all:1431, 1:257, 2:237, 3:937
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.15	p<.00	1: Mt=7.18 2: Mt=7.50 3: Mt=7.99 All Mt=7.76
O-HL/c/sq/v/5/h	r=+.21	p<.00	1: Mt=6.24 2: Mt=6.56 3: Mt=7.24 All Mt=6.95
O-SLu/c/sq/v/5/e	r=+.20	p<.00	1: Mt=6.74 2: Mt=7.06 3: Mt=7.75 All Mt=7.45

Study   **WHITE 1979**

Page in Report:	874

Reported in: White, L.K.
Sex differentials in the effects of remarriage on global happiness
Journal of Marriage and the Family, vol 41, 1979, 869-876

Population: Adult, general public, married and divorced, Nebraska, USA, 1977

Sample:

Non-Response:

N: 1085

Measured Correlate

Class: Number of close friends Code: F 6.2.1

Measurement: Single direct question to: the number
of friends respondent feels close to

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/ad	r=	1: first marriage men r = +.08 (ns)
		2: first marriage women r = +.11 (05)
		3: remarriage men r = +.24 (ns)
		4: remarriage women r = +.10 (ns)

Study	**ZUMA 1989**	*Page in Report:*
Reported in:	Zentrum fur Umfrageforschung MAnnheim (ZUMA) Wohlfahrtsurveys 1978,1980,1984,1988. Unpublished data-set. Especially prepared for the World Database of Happiness.	
Population:	18+ aged, general public, West-Germany, 1978-88	
Sample:		
Non-Response:	?	
N:	varies from about 2000 - 2300	

Measured Correlate

Class:	Number of close friends Code: F 6.2.1
Measurement:	Question: 'Do you have one or more really close friends, I mean not within your family?' Coding reversed by us. Signs of correlations reversed accordingly. 0 no 1 yes
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks				
O-HL/c/sq/v/4/b	SNR=		eta	G	r	ß
		1978	+.14	+.31	+.14	
		1980				
		1984	+.08	+.17	+.08	
		1988	+.11	+.26	+.11	
		ß's controlled for age, gender, perceived class and marital status.				
O-SLW/c/sq/n/11/b	SNR=		eta	G	r	ß
		1978	-.12	-.15	-.12	
		1980				
		1984	-.08	-.10	-.08	
		1988	-.13	-.14	-.13	
		ß's controlled for age, gender, perceived class and marital status.				

Study	**ZUMA 1989**	*Page in Report:*
Reported in:	Zentrum fur Umfrageforschung MAnnheim (ZUMA) Wohlfahrtsurveys 1978,1980,1984,1988. Unpublished data-set. Especially prepared for the World Database of Happiness.	
Population:	18+ aged, general public, West-Germany, 1978-88	
Sample:		
Non-Response:	?	
N:	varies from about 2000 - 2300	

Measured Correlate

Class:	Number of close friends Code: F 6.2.1
Measurement:	Question: 'How many close friends do you have roughly?'
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks

O-HL/c/sq/v/4/b   SNR=

	eta	G	r	ß
1978	+.15	+.15	+.08	
1980				
1984				
1988	+.14	+.12	+.08	

ß's controlled for age, gender, perceived class and marital status.

O-SLW/c/sq/n/11/b   SNR=

	eta	G	r	ß
1978	+.13	+.04	+.04	
1980				
1984				
1988	+.16	+.10	+.08	

ß's controlled for age, gender, perceived class and marital status.

Study

STAPE 1988/1

Page in Report: 4

Reported in: Stapel, J.
De Gelukkige Nederlanders (The happy dutchman)
Unpublished paper Netherlands Instutitute for Public   Opinion Research, (NIPO)
Amsterdam, the Netherlands, 1988.

Population: 18+ aged, general public, non-institutionalized, The Netherlands, 1988

Sample:

Non-Response:

N: 952

Measured Correlate

Class: Number of friends/acquaintances Code: F 6.2.2

Measurement: `Single closed question:"Do you have many, a few or no aquantencies?"`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
M-FH/u/sq/v/3/a	G=+.48 p<. 01	
	G=+.48 p<. 01	

Study **ADAMS 1988**

Reported in:	Adams, R.G.
	Which comes first: Poor psychological well-being or decreased friendship activity?
	Activities, Adaptation and Aging, 1988, vol. 12, p.27-41
Population:	62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84
Sample:	
Non-Response:	Dropout : 27% due to incapacity, 13% refusal
N:	70 (T1), 42 (T2)

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Ss were first asked to list the persons they consider as friends. Next they estimated the number of contacts in the last year with each of these.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	$r=+.26$ $p<.05$	Synchronic correlation at T1.
	$r=+.12$ ns	Synchronic correlation at T2. The correlation has decreased between T1 and T2. (difference in r .14).
	$rpc=+.04$ ns	Diachronic correlation: T1 interaction by T2 happiness, controlled for T1 happiness. Rpc indicates the effect of earlier interaction on later CHANGE IN HAPPINESS.
	$rpc=+.08$ ns	Diachronic correlation: T1 happiness by T2 interaction, controlled for T1 interaction. Rpc indicates the EFFECT OF EARLIER HAPPINESS on later change in interaction.
		There is neither effect of interaction on happiness, nor effect of happiness on interaction

Study	**ALEXA 1968**	*Page in Report:*	153

Reported in: Alexander, W.E.

Some sociological aspects of psychological well-being in a schizophrenic population: Unpublished doctoral dissertation, 1968, Syracuse University USA

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

Sample:

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

N: 178

Measured Correlate

Class: Current contacts with friends Code: F 6.3

Measurement: Closed question: less than once a
month / between once a month and once a week / at least once a week

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cw/mq/v/4/f	G= +	Index of Positive Affects only: G = +.19 (05)

| **Study** | **AUSTR 1984/2** | *Page in Report:* | 217 |

Reported in:	Austrom, D.R.
	The consequences of being single
	Peter Lang Publ., New York, 1984
Population:	23-59 aged English speaking, Toronto and Ontario, Canada, 198?
Sample:	
Non-Response:	45%
N:	1038

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Single closed question rated on a 6-point scale: About how often do you get together socially with your friends: several times a week / a few times a week / once a week / a few times a month / once a month / less than once a month.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/n/11/a	r=+.02 ns	

Study	**BEALS 1985**		_Page in Report:_	80,91

Reported in:	Beals, J.
	Generational differences in well-being for two European groups
	Dissertation University of Michigan,1985. Printed 1990 by University Microfilms International, Ann Harbor, Mich.,USA.
Population:	Immigrants from Europe, USA, 1978
Sample:	
Non-Response:	-
_N:_	844

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Contacts the one (ggod) you most often talk to.
	1: less than once a year
	2: less than once a month
	3: once time a month or more
	4: once a week or more
	5: almost daily
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
M-AO/u/mq/*/0/a	ßL=+.10 ns	ßL standardized direct path coefficient in a LISREL-model, controlled for contacts with relatives, perceptions of US-life, immigration- generation and socioeconomic status. Also involved in the model are cognitive well-being and negative affect.
	r=+.12 p<.01	Immigrants from Western Europe
	r=+.12 p<.01	Immigrants from Eastern and Southern Europe
O-Sum/u/mq/*/0/b	ßL=+.03 ns	ßL standardized direct path coefficient in a LISREL-model, controlled for perceptions of US-life, contacts with relatives, socioeconomic status and immigration generation. Also involved in the model are positive and negative affect.
	r=+.07 p<.05	Immigrants from Western Europe
	r=+.10 p<.05	Immigrants from Eastern and Southern Europe

Study	**BRADB 1965/1**	*Page in Report:*	43

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

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Closed question on frequency of contact during last week, rated on a 5-point scale: not at all / once / twice.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-BB/cw/mq/v/4/e	G= +	p<.	Index of Positive Affects only: G' = +.31 (01). Unaffected by S.E.S.

Study	**BRADB 1969**	*Page in Report:*

Reported in:	Bradburn, N.M.
	The structure of psychological well-being
	Aldine Publishing Company, 1969, Chicago, USA
Population:	21-60 aged, general public, urban areas, USA, 1963 - 64
Sample:	
Non-Response:	± 20%, Attrition
	± 30%
N:	2787

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Direct question on how many times one got together with friends, during the past few weeks, rated on a 6-point scale.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	G=+	Data T1. Not computed for summed ABS. Index of Positive Affects: G= +.25 Index of Negative Affects: G= +.04

Study **LINN 1980**

Reported in: Linn,G.J.and McGranahan,D.A.
Personal disruption, social integration, subjective well- being and predisposition
American Journal of Community Psychology Vol 8, 1980, 87-100

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

Sample:

Non-Response: 7-24 %

N: 1423

Measured Correlate

Class: Current contacts with friends Code: F 6.3

Measurement: Direct question: "How often do you talk to one or more of your
close friends living in the county?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/c/sq/v/7/a	B=+	ns	B controlled for: sex, education, income, occupation, health, divorce/separation, unemployment; age and its interaction with health, divorce and unemployment.
	B=+	p<.01	Interaction with health problems
	B=+	p<.05	Interaction with divorce
	B=+	ns	interaction with unemployment
O-SLW/u/sq/v/7/a	B=+	ns	B controlled for: sex, education, income, occupation, health, divorce/separation, unemployment; age and its interaction with health, divorce and unemployment.
	B=+	p<.05	interaction with health
	B=+	ns	interaction with divorce
	B=+	p<.05	interaction with unemployed

| Study | **MARTI 1984** | *Page in Report:* | 104 |

Reported in: Martinson,O.B., Wilkening,E.A. & Mc Grahanan,D.
Predicting overall life-satisfaction: The role of life-cycleand social-psychological
Social Indicators Research 1984, vol.14, p. 99-108

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

Sample:

Non-Response: 12%

N: 1423

Measured Correlate

Class: Current contacts with friends Code: F 6.3

Measurement:
```
Single direct question:
1: less than once a week
2: once a week
3: two or more times a week
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLW/u/sqt/v/7/a	Beta=+.0 ns	age <30: ß = +.02 ns

```
age <30: ß = +.02  ns
30 - 49: ß = +.07  ns
50 - 64: ß = -.02  ns
  > 64: ß = +.05  ns

ß controlled for powerlessness, community
solidarity, health, days too sick to work, recent
move, separated/ divorced, unemployed, contact with
friends, church attendance, organizational
membership, education, family income.
```

Study	**MARTI 1985**	*Page in Report:*	309

Reported in:	Martinson,O.B., Wilkening,E.A. & Linn,J.G.
	Life change,health status and life satisfaction: A reconsideration
	Social Research Indicators, vol.16(1985), p.301-313
Population:	18+ aged, general public, NW Wisconsin,USA, 1974
Sample:	
Non-Response:	14%
N:	1423

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Single direct question: 1: less than once a week 2: once a week 3: two or more times a week
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sqt/v/7/a	Beta=	ß of different age groups: under 30 : .00 ns 30-49 : +.07 ns 50-54 : -.02 ns over 64 : +.05 ns ß controlled for: negative life change, degree of disability, days lost due to illness, powerlessness, community solidarity, recent migrant, contact with relatives, organizational affiliation, church attendance, separated / divorced, sex, unemployed, family income, education.

| **Study** | **PALIS 1986B** | *Page in Report:* | 369 |

Reported in:	Palisi, B.J.
	Urbanism and social psychological well-being: a test of three theories
	Sociological Spectrum, 1986, vol 6, p.361-378
Population:	18+ aged, general public, non-institutionalized, USA, 1974-1982
Sample:	
Non-Response:	
N:	7542

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Single closed question on spending a social evening with friends, rated on a 7-point scale, ranging from "almost every day" to "never" (order reversed).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/3/aa	r=+.04 p<.01	
	rpc=+.07 p<.01	rpc controlled for income, occupation, educational degree, children, age, marital status, race, sex, urbanism.

| **Study** | **PAYNE 1974** | *Page in Report:* | 17 |

Reported in:	Payne, R.L.
	N.M. Bradburn's measures of psychological well-being: an attempt at replication.
	Memo No: 61, MRC Social and Applied Psychology. Unit, Dpt.ofPsychology University of Sheffield, England, 1974.
Population:	Employed males, supervising jobs, England, 197?
Sample:	
Non-Response:	4% incomplete.
N:	192

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Direct question on number of contacts in the past 4 weeks rated on a 6-point scale ranging from 'not at all' to 'five or more'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/5/a	G=	Index of Positive Affects: G = +.13
		Index of Negative AFfects: G = +.11

Study	**PHILL 1967A**	*Page in Report:*	483-484

Reported in:	Phillips, D.L.
	Social participation and happiness
	The American Journal of Sociology, 1967, vol. 72, p. 479-488
Population:	Adult, general public, New Hampshire, USA, 196?
Sample:	
Non-Response:	-
N:	600

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Direct question on how many times one got together with friends during the past few weeks 0 / 1-2 / 3 or more.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	G= +	Index of Positive Affects: G = +.34 High S.E.S. : d = +.11 Medium S.E.S. : d = +.22 Low S.E.S. : d = +.35 Index of Negative Affects: G = +.03 High S.E.S. : G = -.09 Medium S.E.S. : G = +.02 Low S.E.S. : G = +.07 (See PHILL 1969, p. 7).
O-HL/u/sq/v/3/a	G=+.22	Unaffected by mental health (see Phill 1967B, p. 288).

Study   **SNIDE 1980**   *Page in Report:*   257-258

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

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Single direct question rated on a 5-point scale with the choice statements: 'never', 'yearly', 'monthly', 'weekly' and 'daily'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLu/g/sq/v/3/a	r=+.16 p<.001	
	tc=+.14 p<.001	
	Dyx=+.1 p<.001	

Study	**VENTE 1995**	*Page in Report:*	346

Reported in:	Ventegodt, S.
	Livskvalitet i Danmark.(Quality of Life in Denmark)
	Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark,
	ISBN 8790190017
Population:	18-88 aged, general public, Denmark, 1993
Sample:	Non-probability purposive sample (unspecified)
Non-Response:	39%
N:	1494

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Single question:
	"How are your current relations with your friends ?"
	1: very bad
	2: bad
	3: neither/nor
	4: good
	5: very good
Measured Values:	N: all:1368, 1:2, 2:9, 3:97, 4:700, 5:560
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.21	p<.00	1: Mt=5.00
			2: Mt=6.95
			3: Mt=6.80
			4: Mt=7.54
			5: Mt=8.24
			All Mt=7.76
O-HL/c/sq/v/5/h	r=+.23	p<.00	1: Mt=2.50
			2: Mt=5.84
			3: Mt=6.16
			4: Mt=6.71
			5: Mt=7.45
			All Mt=6.96
O-SLu/c/sq/v/5/e	r=+.25	p<.00	1: Mt=3.75
			2: Mt=5.28
			3: Mt=6.41
			4: Mt=7.20
			5: Mt=7.98
			All Mt=7.44

Study	**VENTE 1996**	*Page in Report:*	362,364

Reported in:	Ventegodt, S.
	Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)
	Forskningscenter for Livskvalitet,
	Forskningscentrets Forlag, København 1996,
	ISBN 8790190068
Population:	Persons born at the University Hospital in Copenhagen 1959-1961
Sample:	Non-probability purposive sample (unspecified)
Non-Response:	39%
N:	4500

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Single question:
	" Do you have a friend with whom you can talk about everything - and do ?"
	1: no
	2: not sure
	3: yes
Measured Values:	N women: All:2448; %:1:10,9; 2:12,0; 3:77,1
	M men: All:2103; %: 1:18,8; 2:19,6; 3:61,6
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a	r=+.19 p<.00	women:
		1: Mt=6.80
		2: Mt=7.19
		3: Mt=7.93
		men:
		1: Mt=7.06
		2: Mt=7.54
		3: Mt=8.06
O-HL/c/sq/v/5/h		women:
		1: Mt=6.21
		2: Mt=6.55
		3: Mt=7.29
		men:
		1: Mt=6.28
		2: Mt=6.70
		3: Mt=7.24

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

women:
1: Mt=6.40
2: Mt=6.91
3: Mt=7.69

men:
1: Mt=6.56
2: Mt=7.15
3: Mt=7.71

Study	**VENTE 1996**	*Page in Report:*	366

Reported in: Ventegodt, S.

Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)

Forskningscenter for Livskvalitet,
Forskningscentrets Forlag, København 1996,
ISBN 8790190068

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

Sample: Non-probability purposive sample (unspecified)

Non-Response: 39%

N: 4500

Measured Correlate

Class: Current contacts with friends Code: F 6.3

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

Measured Values: N: All:4473; %: 1:0,2; 2:0,8; 3:9,0; 4:51,6; 5:38,4

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a	r=+.26 p<.00	1: Mt=4.55 2: Mt=5.58 3: Mt=6.43 4: Mt=7.66 5: Mt=8.25
O-HL/c/sq/v/5/h		1: Mt=4.78 2: Mt=5.14 3: Mt=5.89 4: Mt=6.91 5: Mt=7.54
O-SLu/c/sq/v/5/e		1: Mt=2.73 2: Mt=4.86 3: Mt=6.10 4: Mt=7.33 5: Mt=7.99

Study   **WILKE 1978/1**

		Page in Report:	221

Reported in: Wilkening,E.A. & McGranahan,D.
Correlates of Subjective Well-being in Northern Wisconsin
Social Indicators Research,vol 5 (l978),p.221-234

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

Sample:

Non-Response: 12%

N: 1423

Measured Correlate

Class: Current contacts with friends Code: F 6.3

Measurement:
```
1: less than once a week
2: once or more times a week
3: daily
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sqt/v/7/a	r=+.11 p<.05	
	Beta=+.0 p<.05	ß controlled for 1+2+3+4+5 :

```
1: education, occupation, income, level of living
2: live alone, married, children, contact with
   relatives,church attendance, organizational
   membership.
3: health problems, recent move, separated/
   divorced, unemployed.
4: retired,widowed.
5: urban living, rural living, female.

ß in different age groups:
under 30: +.00 (ns)    30-49  : +.18 (05)
50-64   : +.10 (05)    over 64 : +.03 (ns)
```

	Beta=+.0 p<.05	ß controlled for 2 only:

```
interaction with age significant (01)
```

Study	**WILKE 1978/2**	*Page in Report:*	229

Reported in:	Wilkening,E.A. & McGranahan,D.
	Correlates of Subjective Well-being in Northern Wisconsin.
	Social Indicators Research,vol 5(1978) p.221- 234
Population:	18+ aged, general public, non-institutionalized, Wisconsin, USA, 1974
Sample:	
Non-Response:	
N:	534

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Single direct question:
	1: less than once a week
	2: once or more times a week
	3: daily
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLW/u/sq/v/7/a	Beta=+.0 ns	ß controlled for education, occupation, income, live alone, married status, contact with relatives, church attendance, organization membership, separated / divorced, retired, widowed, place of residence, sexe, age.

Study	**ZUMA 1989**	*Page in Report:*
Reported in:	Zentrum fur Umfrageforschung MAnnheim (ZUMA) Wohlfahrtsurveys 1978,1980,1984,1988. Unpublished data-set. Especially prepared for the World Database of Happiness.	
Population:	18+ aged, general public, West-Germany, 1978-88	
Sample:		
Non-Response:	?	
N:	varies from about 2000 - 2300	

Measured Correlate

Class:	Current contacts with friends Code: F 6.3
Measurement:	Question: 'How many times do you meet your best friend or your best girl-friend?' 1 hardly ever 5 nearly every day Coding reversed by us. Signs of correlations reversed accordingly.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks				
O-HL/c/sq/v/4/b	SNR=		eta	G	r	ß
		1978				
		1980				
		1984	-.08	-.13	-.07	
		1988	-.03	-.04	-.03	
O-SLW/c/sq/n/11/b	SNR=		eta	G	r	ß
		1978				
		1980				
		1984	+.09	+.09	+.07	
		1988	+.06	+.06	+.04	

ß's controlled for age, gender, perceived class and marital status.

Study	**PALIS 1983**	*Page in Report:*	537/8

Reported in: Palisi, B. J. & Canning, C.
Urbanism and Social Psychological Well-being: A Cross-Cultural Test of Three
The Sociological Quarterly, 1983, Vol 24, p.527-543

Population: Males, metropolitan areas England, USA, Australia, 1977-1980

Sample:

Non-Response: 67 %

N: 752 (London
226, L.A. 292,
Sydney 234)

Measured Correlate

Class: Visits to friends Code: F 6.3.1

Measurement: Single direct question on how frequently (daily or never) one
visits friends

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cw/mq/v/2/a	r=+.23	London
	rpc=+.12 ns	
	r=+.08	Los Angeles
	rpc=+.18 p<.05	
	r=+.12	Sydney
	rpc=+.24 p<.001	
		Controled for: Neighborhood (centre or suburb), type of house (single family home or not), marital status, education, native born or not, and age.

| **Study** | **PALIS 1986A** | *Page in Report:* | 75 |

Reported in:	Palisi, B.J.
	Friendship in Three Metropolitan Areas: Cross-Cultural Evidence of Its voluntariness
	Journal of Voluntary Action Research, 1986, Vol.15, 4, 67-78
Population:	Males, metropolitan areas: London, Los Angeles and Sydney, 1977-80
Sample:	
Non-Response:	67%
N:	N: 752(London 226, L.A. 292, Sydney 234)

Measured Correlate

Class:	Visits to friends Code: F 6.3.1
Measurement:	Single direct question on how frequently (daily to never) respondents visit with friends in either's home.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-BB/cm/mq/v/2/a	r=+.08	ns	London
	rpc=+.12 ns		
	r=+.12	p<.05	Los Angeles
	rpc=+.16 p<.01		
	r=+.23	p<.001	Sydney
	rpc=+.23 p<.001		Rpc controlled for: marital status, education and age.
M-FH/cm/sq/v/4/a	r=+.08	ns	London
	rpc=+.13 p<.05		
	r=+.10	p<.05	Los Angeles
	rpc=+.07 p<.01		
	r=+.09	ns	Sydney
	rpc=+.13 ns		

Study	**BRADB 1965/1**	*Page in Report:*	43

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

Measured Correlate

Class:	Telephone calls with friends Code: F 6.3.2
Measurement:	Closed question rated on a 6-point scale: none / less than one a day / once a day or more.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cw/mq/v/4/e	G= + p<.	Index of Positive Affects only: G' = +.22 (01) U-shaped curve: Those with less than 1 telephone contact a day having most positive feelings. Lower among high S.E.S : G' = +.12 (ns) Stronger among low S.E.S : G' = +.26 (ns)

Study   **BRADB 1969**   *Page in Report:*

Reported in:	Bradburn, N.M.
	The structure of psychological well-being
	Aldine Publishing Company, 1969, Chicago, USA
Population:	21-60 aged, general public, urban areas, USA, 1963 - 64
Sample:	
Non-Response:	± 20%, Attrition
	± 30%
N:	2787

Measured Correlate

Class:	Telephone calls with friends Code: F 6.3.2
Measurement:	Direct question on how many times a day during the past few weeks, rated on a 6-point scale.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	G=+	Data T1. Not computed for summed ABS. Index of Positive Affects: G= +.20 Index of Negative Affects: G= +.08

Study   **PAYNE 1974**

Page in Report: 17

Reported in:	Payne, R.L.
	N.M. Bradburn's measures of psychological well-being: an attempt at replication.
	Memo No: 61, MRC Social and Applied Psychology. Unit, Dpt.ofPsychology University of Sheffield, England, 1974.
Population:	Employed males, supervising jobs, England, 197?
Sample:	
Non-Response:	4% incomplete.
N:	192

Measured Correlate

Class:	Telephone calls with friends Code: F 6.3.2
Measurement:	Direct question on number of times per day, rated on a 5-point scale ranging from 'none' to '4 or more'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/5/a	G=	Index of Positive Affects: G = -.08 Index of Negative AFfects: G = -.21

Study   **ALEXA 1968**   *Page in Report:*   153

Reported in: Alexander, W.E.

Some sociological aspects of psychological well-being in a schizophrenic population: Unpublished doctoral dissertation, 1968, Syracuse University USA

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

Sample:

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

N: 178

Measured Correlate

Class: Attendance of parties Code: F 6.3.3

Measurement: `Direct question: never / once a month or less / more than once a month`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cw/mq/v/4/f	G= +	`Index of Positive Affects only: G = +.28 (05)`

Study	**BULAT 1973**	*Page in Report:*	232

Reported in:	Bulatao, R.A.
	Measures of happiness among Manila residents
	Philippine Sociological Review, 1973, vol. 2. p. 229-238
Population:	21+ aged, general public, Metro Manila, Philippines, 1972
Sample:	
Non-Response:	-
N:	941

Measured Correlate

Class:	Attendance of parties Code: F 6.3.3
Measurement:	Direct question: not at all / once / more than once in the past week.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-BW/c/sq/l/11/a	G= +	Males : G = +.42 Females : G = +.47
O-HL/c/sq/v/3/f	G= +	Males : G = +.19 Females : G = +.53

Study	**PALIS 1986A**	*Page in Report:*	75

Reported in:	Palisi, B.J.
	Friendship in Three Metropolitan Areas: Cross-Cultural Evidence of Its voluntariness
	Journal of Voluntary Action Research, 1986, Vol.15, 4, 67-78
Population:	Males, metropolitan areas: London, Los Angeles and Sydney, 1977-80
Sample:	
Non-Response:	67%
N:	N: 752(London 226, L.A. 292, Sydney 234)

Measured Correlate

Class:	Intimate discussions Code: F 6.3.5
Measurement:	Single direct question on how frequently (daily to never) respondents have intimate discussions with friends.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.11	ns	Los Angeles
	rpc=+.12	p<.05	
	r=+.27	p<.001	Sydney
	rpc=+.30	p<.001	Rpc controlled for: marital status, education and age.
			In London discussions with friends not measured.
M-FH/cm/sq/v/4/a	r=-.02	ns	Los Angeles
	rpc=+.06	ns	
	r=+.14	p<.01	Sydney
	rpc=+.15	p<.01	

| **Study** | **MOSER 1969** | *Page in Report:* | 29 |

Reported in:	Moser - Peters, C.M.J.
	Backgrounds of happiness feelings. (In Dutch: Achtergronden van geluksgevoel). Nederlands Instituut voor Preventieve Geneeskunde (NIPG/TNO)1969, Leiden, The Netherlands.
Population:	Adult, general public, Utrecht, city,The Netherlands, 1967
Sample:	
Non-Response:	14% unattainable etc.
N:	300

Measured Correlate

Class:	Friends are friends Code: F 6.4.2
Measurement:	Question: 'Do your friends and acqaint- ances also know each other?' Response categories ranged from 'no, practically none' (1) to 'yes, practically all' (5).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/c	G=+.24 p<.05	

| **Study** | **JONG 1969** | *Page in Report:* | 203 |

Reported in: Jong-Gierveld, J. de
The unmarried. (In Dutch: De ongehuwden).
Samson Publ. 1969, Alphen a/d Rijn, The Netherlands.

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

Sample:

Non-Response: 31%;

N: 600

Measured Correlate

Class: Married friends Code: F 6.4.3

Measurement: `Direct questions.`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SL?/?/sq/v/5/a	r=+	Computed for never marrieds only.

```
Males  : r = +.05
Females: r = +.09
```

Study	**COSTA 1985**	*Page in Report:*	142

Reported in:	Costa,P.T., Zonderman,A.B. & McCrae,R.R.
	Longitudinal course of social support among men in the Baltimore longitudinal study
	in: Sarason & Sarason eds.: 'Social support:Theory, Researchand Applications',M.Nijhoff Publ.,Dordr.Neth.1985 p.137-154
Population:	Married males, followed ±12 years Baltimore, USA, 1958-1970
Sample:	
Non-Response:	Attrition T1-T3: 82%
N:	196

Measured Correlate

Class:	Attitudes to friendship Code: F 6.6
Measurement:	Obtained by factor analysis. Factor consisting of 8 items. Items with high loading: " My many friends make my life happy and cheerful". "I have more friends than I ever had before". "How many friends do you have?" Questions administered at T1.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
C-A/h/sq/v/3/a	r=+.29 p<.01	Happiness assessed at T1

Study	**ABRAM 1972**	*Page in Report:*	21

Reported in:	Abrams, M.& Hall, J.
	The condition of the British people: report on a pilot survey using self-rating scales. Unpublished paper, Soc.Science Research Council,1972 London.Partly reported in Stöber et al.,1973.
Population:	15+ aged, general public, Britain, 1971
Sample:	
Non-Response:	
N:	213

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Closed question rated on an 11-point self-anchoring scale, based on Cantril (1965)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/l/11/b	r=+.08	

Study ANDRE 1976/1

Page in Report: 112

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

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

Sample:

Non-Response: 24%

N: 1297

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement:
```
Index of questions:"How do you feel about....?"
1. social contacts
2. the time spent with friends.
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	Unaffected by sex

Study **ANDRE 1976/3**

| | | *Page in Report:* | 112 |

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: Satisfactions with friends Code: F 6.6.2

Measurement: Closed question: "How do you feel about the things you do and the times you have with your friends?"
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=+.36	

Study	**ANDRE 1976/5**	*Page in Report:*	112

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:	Satisfactions with friends Code: F 6.6.2
Measurement:	3-item index containing satisfaction with the people one sees socially, with one's friends, and with the things one does and the times one has with friends: "How do you feel about...?" Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	r=+.46	

Study	**AUSTR 1984/2**	*Page in Report:*	109/134

Reported in:	Austrom, D.R.
	The consequences of being single
	Peter Lang Publ., New York, 1984
Population:	23-59 aged English speaking, Toronto and Ontario, Canada, 198?
Sample:	
Non-Response:	45%
N:	1038

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single closed question: All things considered, how satisfied or dissatisfied are you with your friendships (the number of friends you have, the type of people they are, the things you do together). Rated on a 11-point scale ranging from completely dissatisfied to completely satisfied.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLW/u/sq/n/11/a	r=+.47	ALL Ss (married (including not formally married cohabitating Ss (considered as married) and non-married):
		ß = +.18 after control for: gender, age, household income, marital status, being in love, desire to change dating pattern or marital status, locus of control, social support (1. instrumental: problems managing money, problems deciding how to spend money, not enough money to do things, unsatisfying job, not enough money to get by on; 2. expressive: having no close companions, having no one to depend on, unsatisfactory sex life, problems communicating, dissatisfied with marital status, having not enough close friends, having no one to show love/affection, too dependent on others, not having children, having no one to understand problems; 3. interpersonal demands: having too many responsibilities, having no one to depent on, too many demands on time, problems communicating, problems with children, problems with spouse/ex-spouse, conflicts with those who are close), and satisfaction with: job and financial situation and love relationships.

NON-MARRIED Ss ONLY:

- males: r = +.48 ß = +.27
- females: r = +.42 ß = +.10
Beta's controlled for the same variables as above,
except marital status and gender.

Study	**BAKER 1976**	*Page in Report:*	63

Reported in:	Baker, E.K.
	Satisfaction with life-events to locus-of-control
	Unpublished PhD dissertation, University of Wisconsin, Madison, USA, 1976
Population:	55+ aged males, USA, 1971
Sample:	
Non-Response:	
N:	200

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Question: How much dissatisfaction do you get from your friendships?
	Rated on 7 point scale ranging from 'completely dissatisfied' to 'completely satisfied'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/v/7/a	r=+.11	

Study	**BAKER 1976**	*Page in Report:*	63

Reported in:	Baker, E.K.
	Satisfaction with life-events to locus-of-control
	Unpublished PhD dissertation, University of Wisconsin, Madison, USA, 1976
Population:	55+ aged males, USA, 1971
Sample:	
Non-Response:	
N:	200

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Question: How much satisfaction do you get from your friendships? Rated on 7 point scale ranging from 'completely dissatisfied' to 'completely satisfied'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/v/7/a	r=+.16	

Study	**BAKER 1976**	*Page in Report:*	63

Reported in:	Baker, E.K.
	Satisfaction with life-events to locus-of-control
	Unpublished PhD dissertation, University of Wisconsin, Madison, USA, 1976
Population:	55+ aged males, USA, 1971
Sample:	
Non-Response:	
N:	200

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Question: How satisfied are you with your friendships? Rated on 7 point scale ranging from 'completely dissatisfied' to 'completely satisfied'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/v/7/a	r=+.30	

Study	**BAKKE 1974**	*Page in Report:*	27

Reported in: Bakker, P. & Berg, N. van de
Determinants and correlates of happiness.
Unpublished thesis, 1974, Erasmus University Rotterdam,   The Netherlands.

Population: 20-65 aged, general public, The Netherlands, 1968

Sample:

Non-Response: 34% refusal and
unattainable.

N: 1552

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement: Closed question rated on an open graphic scale ranging from 'very dissatisfied' to 'very satisfied'.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HP/g/sq/ol/7/a	G=+.59 p<.05	Unaffected by age and sex. Lower among medium S.E.S. Stronger among low educational level.

Study	**BALAT 1993**	*Page in Report:*	235
Reported in:	Balatsky, G. & Diener, E.		
	Subjective well-being among Russian students.		
	Social Indicators Research 1993, Vol 28, pp 225-243.		
Population:	Students, Moscow and Glazov (Ural), Russia, 1990		
Sample:	Non-probability chunk sample		
Non-Response:	not reported		
N:	116		

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single question:"How do you feel about your friendships right now?".
	Rated on 7-point scale from:
	1.Terrible.......to
	.
	.
	7. Delighted.
Measured Values:	M= 5.04; SD= 1.36
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/b	r=+.12	ns	
O-DT/u/sq/v/7/a	r=+.17	ns	

Study	**BECKE 1984**	*Page in Report:*	V576

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

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

Sample: Probability multi-stage cluster sample

Non-Response: 68-94%

N: 465

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement:
```
Single question:
"To what extent are you satisfied with your friends and
acquaintances?"
0=very dissatisfied
1=dissatisfied
2=neither satisfied nor dissatisfied
3=satisfied
4=very satisfied
```

Measured Values: M=1.9645
SD=0.6718

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SLL/c/sq/v/5/a	r=+.23	p<.000	working
	r=+.29	p<.000	unemployed
	r=+.26	p<.000	disabled

Study	**BERNO 1985**	*Page in Report:*	39

Reported in:	Bernow, R Livskvaliteten i Sverige. (Lifequality in Sweden) Stockhold Läns Landstring, 1985, Stockholm, Sweden.
Population:	18-70 aged, general public, Sweden., 1982
Sample:	
Non-Response:	?
N:	1558

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	`Single direct question`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sqt/v/7/a	r=+.43	

Study	**BERNO 1985**	*Page in Report:*	39

Reported in: Bernow, R
Livskvaliteten i Sverige. (Lifequality in Sweden)
Stockhold Läns Landstring, 1985, Stockholm, Sweden.

Population: 18-70 aged, general public, Sweden., 1982

Sample:

Non-Response: ?

N: 1558

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sqt/v/7/a	r=+.46	

Study	**BERNO 1985**	*Page in Report:*	40

Reported in:	Bernow, R Livskvaliteten i Sverige. (Lifequality in Sweden) Stockhold Läns Landstring, 1985, Stockholm, Sweden.
Population:	18-70 aged, general public, Sweden., 1982
Sample:	
Non-Response:	?
N:	1558

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	`Single direct question`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sqt/v/7/a	r=+.43	

| **Study** | **BRAEN 1991** | *Page in Report:* | 103 |

| *Reported in:* | Braenholm,I-B., Eklund,M., Fugl-Meyer, K.S. & Fugl-Meyer, A.R. |

On Work and Life Satisfaction

M.Eklund: On vocational rehabilitation in Northern Sweden, Diss. 1991 Univ. of Umea, pp 95-107

Population:	25-55 aged, vocationally actives, Umea, Northern Sweden, 1986/87
Sample:	Probability stratified sample
Non-Response:	
N:	163

Measured Correlate

| *Class:* | Satisfactions with friends Code: F 6.6.2 |

Measurement:
```
How satisfactory is this aspect of your life?......
Contacts with friends and acquintances.
1 very dissatisfying
2 dissatisfying
3 rather dissatisfying
4 rather satisfying
5 satisfying
6 very satisfying
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/v/6/a	rs=.+34 p<.001	

Study   **CAMPB 1981**   *Page in Report:*   107

Reported in:	Campbell, A.
	The Sense of Well-Being in America
	McCraw-Hill Book Company, Quinn, T.H. & Hennelly, M., U.S.A.1981
Population:	18+ aged, general public, non-institutionalized USA, 1978
Sample:	
Non-Response:	about 20 %
N:	3692

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single closed question on amount of satisfaction with friendships, rated on a 7-point scale ranging from completely dissatisfied to completely satisfied.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/n/7/a	r=+.39	

Study	**DIENE 1991/1**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Austria, 1991
Sample:	
Non-Response:	
N:	319

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.45	p<.01	females
	r=+.47	p<.01	males

Study	**DIENE 1991/2**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Bahrain, 1991
Sample:	
Non-Response:	
N:	275

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.22	p<.01	females
	r=+.28	p<.01	males

Study	**DIENE 1991/3**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Bangladesh, 1991
Sample:	
Non-Response:	
N:	262

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=-.05	ns	females
	r=+.17	p<.01	males

Study	**DIENE 1991/4**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students,Brazil,1991
Sample:	
Non-Response:	
N:	268

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.43	p<.01	females
	r=+.46	p<.01	males

Study   **DIENE 1991/5**

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<tr><td></td><td></td><td>Page in Report:</td><td>18</td></tr>
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Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Cameroon, 1991
Sample:	
Non-Response:	
N:	159

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.12	ns	females
	r=+.46	p<.01	males

Study	**DIENE 1991/6**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Canada, 1991
Sample:	
Non-Response:	
N:	1600

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.45	p<.01	females
	r=+.49	p<.01	males

Study	**DIENE 1991/7**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Chile, 1991
Sample:	
Non-Response:	
N:	256

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.33	p<.01	females
	r=+.35	p<.01	males

Study	**DIENE 1991/8**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Egypt, 1991
Sample:	
Non-Response:	
N:	274

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.22	p<.01	females
	r=+.27	p<.01	males

Study	**DIENE 1991/9**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Finland, 1991
Sample:	
Non-Response:	
N:	270

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.45	p<.01	females
	r=+.41	p<.01	males

Study   **DIENE1991/10**

<table>
<tr><td>Page in Report:</td><td>18</td></tr>
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Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Germany, 1991
Sample:	
Non-Response:	
N:	540

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.48	p<.01	females
	r=+.45	p<.01	males

Study	**DIENE1991/11**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Greece, 1991
Sample:	
Non-Response:	
N:	164

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.33	p<.01	females
	r=+.36	p<.01	males

Study	**DIENE1991/12**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, India, 1991
Sample:	
Non-Response:	
N:	234

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.31	p<.01	females
	r=+.34	p<.01	males

Study	**DIENE1991/13**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Israel, 1991
Sample:	
Non-Response:	
N:	317

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.42	p<.01	females
	r=+.53	p<.01	males

Study   **DIENE1991/14**

<table>
<tr><td></td><td></td><td>Page in Report:</td><td>18</td></tr>
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Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Japan, 1991
Sample:	
Non-Response:	
N:	1200

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.09	ns	females
	r=+.37	p<.01	males

Study   **DIENE1991/15**

<table>
<tr><td>Page in Report:</td><td>18</td></tr>
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Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Jordan, 1991
Sample:	
Non-Response:	
N:	279

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.12	ns	females
	r=+.24	p<.01	males

Study	**DIENE1991/16**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Kenya, 1991
Sample:	
Non-Response:	
N:	462

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.56	p<.01	females
	r=+.43	p<.01	males

Study **DIENE1991/17**

Page in Report: 18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Korea, 1991
Sample:	
Non-Response:	
N:	241

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.36	p<.01	females
	r=+.36	p<.01	males

Study **DIENE1991/18**

		Page in Report:	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Mexico, 1991
Sample:	
Non-Response:	
N:	220

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.25	p<.01	females
	r=+.44	p<.01	males

Study   **DIENE1991/19**

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Netherlands, 1991
Sample:	
Non-Response:	
N:	352

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.25	p<.01	females
	r=+.51	p<.01	males

Study   **DIENE1991/20**

Page in Report:	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, New Zealand,1991
Sample:	
Non-Response:	
N:	314

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	`Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.41	p<.01	`females`
	r=+.44	p<.01	`males`

Study   **DIENE1991/21**   *Page in Report:*   18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Norway, 1991
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.22	p<.01	females
	r=+.39	p<.01	males

Study	**DIENE1991/22**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Philippines, 1991
Sample:	
Non-Response:	
N:	953

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.37	p<.01	females
	r=+.28	p<.01	males

Study   **DIENE1991/23**

| | | *Page in Report:* | 18 |

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Puerto Rico, 1991
Sample:	
Non-Response:	
N:	297

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.21	p<.01	females
	r=+.56	p<.01	males

Study   **DIENE1991/24**   *Page in Report:*   18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Singapore, 1991
Sample:	
Non-Response:	
N:	256

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.40	p<.01	females
	r=+.41	p<.01	males

Study   **DIENE1991/25**

Page in Report:	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, South Africa, 1991
Sample:	
Non-Response:	
N:	275

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.24	p<.01	females
	r=+.35	p<.01	males

Study **DIENE1991/26**

<table>
<tr><td></td><td></td><td>Page in Report:</td><td>18</td></tr>
</table>

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Spain, 1991
Sample:	
Non-Response:	
N:	275

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.22	ns	females
	r=+.41	p<.01	males

Study   **DIENE1991/27**   *Page in Report:*   18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Tanzania, 1991
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.33	p<.01	females
	r=+.25	p<.01	males

Study	**DIENE1991/28**	*Page in Report:*	18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Thailand, 1991
Sample:	
Non-Response:	
N:	571

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.28	p<.01	females
	r=+.35	p<.01	males

Study   **DIENE1991/29**   *Page in Report:*   18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Turkey, 1991
Sample:	
Non-Response:	
N:	287

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.44	p<.01	females
	r=+.39	p<.01	males

Study   **DIENE1991/30**   *Page in Report:*   18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, U.S.A, 1991
Sample:	
Non-Response:	
N:	1234

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/c/sq/v/7/c	r=+.41	p<.01	females
	r=+.48	p<.01	males

Study   **DIENE1991/31**   *Page in Report:*   18

Reported in:	Diener, E.& Diener, M.
	Cross-Cultural Correlates of Life Satisfaction and Self-Esteem
	Unpublished paper Dept. of Psychology University of Illinois603 E. Daniel Street, Champaign, Il 61820 U.S.A.
Population:	University students, Yugoslavia, 1991
Sample:	
Non-Response:	
N:	332

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 7-point Delighted-Terrible scale. Part of a 12 item inventory of domain-satisfactions
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/c	r=+.32	p<.01	females
	r=+.63	p<.01	males

Study **GLENN 1981C**

Page in Report: 164

Reported in:	Glenn, N.D.; Weaver, C.N.
	The contribution of marital happiness to global happiness
	Journal of Marriage and the Family, Vol 43, 1981, 161-168
Population:	Marrieds, non-institutionalized, USA,
	1973-78
Sample:	
Non-Response:	
N:	9000 (1500
	each year)

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement:
```
Direct question: "For each area of life I am going to name, tell
me the number that shows how much satisfaction you get from that
area? 1.a very great deal, 2.a great deal, 3.quite a lot, 4.a fair
amount, 5.some, 6.a little,
7.none"
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/aa	**r=+**	Married persons working full-time: - white men: r=+.22 ß=+.03 - black men: r=+.23 ß=+.11 - white women: r=+.29 ß=+.01 - black women: r=+.13 ß= .06 All married women: - white: r=+.30 ß=+.06 - black: r=+.26 ß=+.11
	r=+	Married persons working full-time: - white men: r=+.22 ß=+.03 - black men: r=+.23 ß=+.11 - white women: r=+.29 ß=+.01 - black women: r=+.13 ß= .06 All married women: - white: r=+.30 ß=+.06 - black: r=+.26 ß=+.11

Beta=+   ß controled for marital happiness, satisfaction
with: work, financial situation, community,
nonworking activities, family life and health

| **Study** | **HARRY 1976** | *Page in Report:* | 292 |

Reported in: Harry, J.
Evolving sources of happiness for men over the life cycle: A structural analysis
Journal of Marriage and the Family, Vol 38, 1976, 289-296

Population: 18+ aged males, living with family, USA, 1973

Sample:

Non-Response:

N: 374

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement: `Single item self-rating on how much satisfaction one receives from friends`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-HL/c/sq/v/3/aa	r=+.14	ns	Single
	r=+.18	ns	Married, no children
	r=+.26	p<.05	Married, pre-school children
	r=+.21	ns	Married, schoolage children
	r=+.32	ns	Married, teenage children
	r=+.27	p<.05	Married, children grown up

Study	**HEADE 1981**	*Page in Report:*	166

Reported in:	Headey, B.
	The Quality of Life in Australia
	Social Indicators Research, 1981, Vol. 9, 155-181
Population:	Adults, general public, Australia 1978
Sample:	Probability sample (unspecified)
Non-Response:	not reported
N:	679

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2

Measurement:
```
Index of 4 single questions on satisfaction with:
a: The people you see socially
b: Your friends
c: The friends of opposite sex you have
d: How much you are accepted and included by others
All scored on a 1-9 rating scale, summation by average.
```

Measured Values:	M = 7.1 SD = 0.9
Error Estimates:	
Remarks:	All items scored on the same rating scale as the question on happiness.

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/9/a	r=+.49 p<.001	

Beta=+.0   All items scored on the same rating scale as the question on happiness.

```
all cases
Beta's controlled for satisfaction with
- self-fulfillment
- sex life
- problem handling
- family activities
- work around the house
- mother
- health
- house
- standard of living
- assertiveness
- fun and enjoyment
- marriage
```

Beta=+.0   married cases
          Beta's controlled for satisfaction with
          - self-fulfillment
          - sex life
          - problem handling
          - family activities
          - work around the house
          - mother
          - health
          - house
          - standard of living
          - assertiveness
          - fun and enjoyment
          - marriage

Study   **HEADE 1984**

| | | *Page in Report:* | 211 |

Reported in: Headey,B., Holmstroem,E. & Wearing,A.
The impact of life events and changes in domain-satisfaction on well-being
Social Indicators Research Vol.15 (1984), p.203-227

Population: 18-65 aged, general public, followed 3 years, Melbourne, Australia, 1979-80

Sample:

Non-Response:

N: 184

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement: Closed question rated on a 9- point scale (delighted ...
terrible) Assessed at T2.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	Beta=+.2 p<.05	Happiness T2 by satisfaction T2, controlling for happiness T1 and satisfaction T1.
		ß can be interpreted as regression between CHANGE OF HAPPINESS and CHANGE OF SATISFACTION in time.

Study	**HEADE 1985**	*Page in Report:*
Reported in:	Headey, B.	
	Victorian Panel Data 1985	
	Unpublished report, University of Melbourne	
Population:	18+ aged, general public, Melbourne, Australia, 1985	
Sample:		
Non-Response:	55%	
N:	550	

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct question rated on a 9-point delighted-terrible scale.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/c/sq/v/7/b	Beta=+.3 p<.05	ß controlled for satisfaction with: marriage and sex, job, standard of living, and health

Study   **HEADE 1989**

| | | *Page in Report:* | ll6 |

Reported in: Headey,B & Veenhoven,R.
Does happiness induce a rosy outlook?
in:R.Veenhoven,ed.'How harmful is happiness?'. UniversitairePers Rotterdam, Rotterdam, the Netherlands, 1989, p.106-127

Population: 18-65 aged, general public, followed 6 years, Melbourne, Australia, 1981-87

Sample:

Non-Response: Attrition T1-T4:
31%

N: 649

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement:
```
Index of two identical questions asked at the beginning and the
end of the interview (20 minute interval).   Rated on a 9-point
scale ranging from terrible (1) to delightfull (9). Assessed at T1
(1981), T2 (1983),
T3 (1985) and T4 (1987).
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-DT/u/sqt/v/10/a	ßL=	ns	Estimated same-time causal EFFECT ON HAPPINESS of satisfaction with friends (bottum-up).
	ßL=	ns	Estimated same-time causal EFFECT OF HAPPINESS on satisfaction with friends (top-down).
			Effect assessed at T1, T2, T3 and T4. Effects assumed to be identical at all times. ßL is the path-coefficient in a four wave LISREL model. T1 sex, age, SES, extraversion and neuroticism are controlled.

Study	**KENNE 1978**	*Page in Report:*	463

Reported in:	Kennedy, L.W., Northcott, H.C. & Kinzel, C.
	Subjective evaluation of well-being: Problems and prospects.
	Social Indicators Research, Vol 5, 1978, pp 457-497.
Population:	18+ aged, general public, Edmonton, Canada, 1977
Sample:	Probability multi-stage cluster sample
Non-Response:	not reported
N:	335

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single question, full item not reported. Rated:
	1 very dissatisfied
	.
	.
	7 very satisfied.
Measured Values:	M= 5.8; SD= 0.65
Error Estimates:	
Remarks:	N=340

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLu/c/sq/n/7/b	B=+.29	B controlled for satisfaction with:
		-standard of living N=340
		-health
		-recreation activities
		-family life.

Study	**KENNE 1985**	*Page in Report:*	108

Reported in:	Kennedy, L.W. & Mehra, A.N.
	Effects of social change on well-being : boom and bust in a western Canadian city
	Social Indicators Research, vol.17, 1985, p.101-113
Population:	18+ aged, general public, Edmonton, Canada, 1977-84
Sample:	Probability multi-stage cluster sample
Non-Response:	
N:	3440 *)

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Question on satisfaction with friends; Rated: 1. very dissatisfied . . 7. very satisfied
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLu/c/sq/n/7/b	Beta=+.1	Stepwise regression by age-group. age group 17-25 Beta controlled for: - standard of living satisfaction - family satisfaction - job satisfaction - neighbourhood satisfaction - financial better/worsen than year ago - health satisfaction - year of significant social change - education - things wanted to do satisfaction

Beta=+.1   age-group 26-45

Beta controlled for:
- standard of living satisfaction
- family satisfaction
- job satisfaction
- health satisfaction
- non work activities satisfaction
- neighbourhood satisfaction
- finanacial better/worse than year ago
- sex
- year of significant social change
- things wanted to do satisfaction

Beta=+.0   age-group 45+

Beta controlled for:
- standard of living satisfaction
- health satisfaction
- non work activities satisfaction
- financial better/worse than year ago
- job satisfacion
- family satisfaction
- things wanted to do satisfaction
- sex
- year of significant social change

Study	**MERED 1984**	*Page in Report:*	91

Reported in:	Meredith, W.H.
	Level and correlates of perceived quality of life for Lao Hmong refugees in Nebraska
	Social Indicators Research vol 14, 1984, p 83-97
Population:	16+ aged, recent refugees from Laos, USA, 1982
Sample:	
Non-Response:	0%
N:	145

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Index of closed questions, rated on a 7-point Delighted-Terrible scale: How do you feel about:
	- your friends?
	- the people you see socially?
	- the things you do and the times you have with your friends?
	- how much you are accepted and included by others?
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	r=+.37 p<.01	

Study	**MICHA 1980**	*Page in Report:*	399

Reported in:	Michalos, A.C.
	Satisfaction and Happiness
	Social Indicators Research, Vol 8, 1980, 385-422
Population:	University staff members, Guelph Canada, 1979
Sample:	
Non-Response:	59%
N:	357

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Closed question rated on a 7-point scale.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/c/sq/v/7/aa	r=+.54 p<.01	Controlled for 1 rpc= +.21 (01)
		Controlled for 1+2 rpc= +.13 (01)
		Controlled for 1+3 rpc= +.24 (01)
		Controlled for 1+2+3 rpc= +.15 (01)
		Controlled for 1 ß = +.20
		Controlled for 1+3+4 ß = +.20

1= Satisfaction with health, financial security, family life, housing, job, free time activity, education, self-esteem, area you live in, ability to get around, security from crime.
2= Global happiness(indicator 2, HAPP 1.1)
3= Demographic factors (sex, age, marital status, education, family income)
4= Workstatus.

O-HL/u/sq/v/7/a   r=+.51   p<.01   Controlled for 1   rpc= +.23 (01)
                                       Controlled for 1+2   rpc= +.15 (01)
                                       Controlled for 1+3   rpc= +.26 (01)
                                       Controlled for 1+2+3 rpc= +.17 (01)
                                       Controlled for 1   ß   = +.23
                                       Controlled for 1+3   ß   = +.24

                                       1= Satisfaction with health , financial security,
                                          family life, housing, job, free time activity,
                                          education, self-esteem, area you live in,
                                          ability to get around, security from crime.
                                       2= Satisfaction with life (indicator 1, HAPP 2.1)
                                       3= Demographic factors (sex, age, marital
                                          status, education, family income)

Study   **MICHA 1982**

Reported in: Michalos, A.C.
The satisfaction and happiness of some senior citizens in   rural Ontario
Social Indicators Research, Vol 11, 1982, p.1-30

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

Sample:

Non-Response: 37%

N: 392

Page in Report: 24

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement: Closed question on quality and quantity
of contacts with friends, rated on a 7-point scale

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/c/sq/v/7/aa	Beta=+.0	All ß's controlled for satisfaction with family life, financial security, self esteem, spouse, health,transportation, recreation, housing, religion,area you live in, government services; and for sex, age, formal education. Males: N:149 ß:+.06 Females N:121 ß:+.13 Farmer N:130 ß:+.01 Non-farmer N:141 ß:+.12 Aged 60-74 N:170 ß:+.07 Aged 75-up N:102 ß:+.08
O-HL/u/sq/v/7/a	Beta=+.2	All ß's are controlled for satisfaction with family life, financial security,self-esteem, spouse, health, transportation, recreation, housing, religion, area you live in,government services; and for sex, age and education. Males N:149 ß:+.10 Females N:121 ß:+.36 Farmers N:130 ß:+.25 Non-farmers N:141 ß:+.21 Age 60-74 N:170 ß:+.20 Age 75-up N:102 ß:+.27

Study	**MICHA 1983**	*Page in Report:*	233

Reported in:	Michalos,A.C.
	Satisfaction and happiness in a rural northern resource community
	Social Indicators Research, 1983, vol.13, p.225-252
Population:	18+ aged, rural community, N.Ontario, Canada, 1982
Sample:	
Non-Response:	8%
N:	598

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Clssded question on quality and quantity of contacts with friends, rated on a 7-point scale.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/c/sq/v/7/aa	Beta=+.0	All ß's controlled for satisfaction with health, financial security, family relations, paid employment, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the demographic factors: sex, age, formal education, language, work status, marital status, time in area. Males : N: 173 ß: +.10 Females: N: 154 ß: +.04
O-HL/u/sq/v/7/a	Beta=+.0	All ß's controlled for satisfaction with health, financial security, family relations, paid employment, housing, area you live in, recreation activity, religion, self esteem, transportation, government services; and for sex, age, formal education, language, work status, marital status, time in area. Males : N: 173 ß: +.05 Females: N: 154 ß: -.01

Study	**MICHA 1985**	*Page in Report:*	365

Reported in:	Michalos, A.C.
	Multiple Discrepancies Theory
	Social Indicators Research vol 16 (1985) p.347-413
Population:	Students undergraduates University of Guelph, Canada, 1984
Sample:	
Non-Response:	18%
N:	700

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Closed question on satisfaction with quality and quantity of contacts with friends, rated on a 7-point scale. 1: terrible...7:delightful.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/c/sq/v/7/aa	Beta=+.1 p<.01	Males N:140 ß=+.24 (01) Females N:149 ß=+.20 (01) ß's controlled for satisfaction with: health, financial security, family relations, paid employment, housing, recreation, religion, self esteem and education
O-HL/u/sq/v/7/a	Beta=+.2 p<.01	Males N:140 ß=+.24 (01) Females N:149 ß=+.23 (05) ß's controlled for satisfaction with: health, family relations, paid employment, self-esteem and education

Study **MICHA 1986**

Page in Report: 360

Reported in:	Michalos, A. C.
	An application of Multiple Discrepancies Theory to seniors
	Social Indicators Research, vol. 18 (1986), p. 349-373
Population:	60+ aged, rural districts, Canada, 1984
Sample:	
Non-Response:	47%
N:	457

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Closed question on satisfaction with quality and quantity of contacts with friends, rated on a 7-point scale. 1: terrible..7: delightful.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/c/sq/v/7/aa	Beta=+.1 p<.01	ß controlled for self-esteem and satisfaction with: health, financial security, housing, spouse.
	Beta=+.1 p<.01	Females
O-HL/u/sq/v/7/a	Beta=+.1 p<.01	ß controlled for self-esteem and satisfaction with: health, financial security, housing, spouse.
	Beta=+.1 p<.01	Males

Study	**MOOKH 1997**	*Page in Report:*	336

Reported in:	Mookherjee, H.N.
	Assessment of happiness among the elderly population in the United States
	Mookherjee, H.N.; Ed: 'Life in twilight years', Kwality Book Company, Calcutta, India, 327-343.
Population:	60+ aged, general public, USA 1982-91
Sample:	Probability multi-stage cluster sample
Non-Response:	not reported
N:	3049

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single question on satisfaction with friends: 1. not satisfied 2. somewhat satisfied 3. well satisfied
Measured Values:	N: 1= 213 2= 671 3= 2165
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/c/sq/v/3/aa	DM=+	p<.00	1. M= 1.78 SD= .71 2. M= 2.07 SD= .63 3. M= 2.34 SD= .64
	r=+.26	p<.00	

	Beta=+.0	p<.01	Beta controlled for
			- socio-demographic variables:
			  - Gender
			  - Race
			  - Marital status
			  - Education
			  - Financial status
			  - Place of residence
			  - Religious membership
			  - Religious attendance
			- satisfaction with:
			  - Neighbours
			  - Non-working activities
			  - Family
			  - Health
			  - Finance

Study	**MOSER 1969**	*Page in Report:*	29

Reported in:	Moser - Peters, C.M.J.
	Backgrounds of happiness feelings. (In Dutch: Achtergronden van geluksgevoel). Nederlands Instituut voor Preventieve Geneeskunde (NIPG/TNO)1969, Leiden, The Netherlands.
Population:	Adult, general public, Utrecht, city,The Netherlands, 1967
Sample:	
Non-Response:	14% unattainable etc.
N:	300

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Closed question rated oon a 5-point scale ranging from 'dissatisfied' to 'very satisfied'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/c	r=+.15 p<.s	

Study **PALIS 1986B**

Page in Report: 372

Reported in: Palisi, B.J.
Urbanism and social psychological well-being: a test of three theories
Sociological Spectrum, 1986, vol 6, p.361-378

Population: 18+ aged, general public, non-institutionalized, USA, 1974-1982

Sample:

Non-Response:

N: 7542

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement: Single closed question on satisfaction received from friendships,
rated on a 7-point scale, ranging from "a great deal" to "none"
(order reversed).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/aa	r=+.27	

Study	**SHICH 1984**	*Page in Report:*	234

Reported in:	Shichman, S.; Cooper, E.
	Life Satisfaction and Sex-Role Concept
	Sex Roles, Vol 11, 1984, p.227-240
Population:	Adults, students and churchmembers, USA, 198?
Sample:	
Non-Response:	5,9 %
N:	217

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single direct questions on both satisfaction and dissatisfaction with relations with friends.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SLu/u/sq/v/4/a	r=+.24	p<.00	satisfaction
	r=-.19	p<.01	dissatisfaction

Study	**VENTE 1995**	*Page in Report:*	352

Reported in:	Ventegodt, S.
	Livskvalitet i Danmark.(Quality of Life in Denmark)
	Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark,
	ISBN 8790190017
Population:	18-88 aged, general public, Denmark, 1993
Sample:	Non-probability purposive sample (unspecified)
Non-Response:	39%
N:	1494

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single question:

"How satisfied are you at present with your relations with your acquaintances ?"
1: very dissatisfied
2: dissatisfied
3: neither/nor
4: satisfied
5: very satisfied

Measured Values:	N: all:1459, 1:4, 2:22, 3:210, 4:823, 5:400
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-AOL/m/sq/v/5/a	r=+.27	p<.00	1: Mt=6.25
			2: Mt=6.03
			3: Mt=6.89
			4: Mt=7.73
			5: Mt=8.49
			All Mt=7.79
O-HL/c/sq/v/5/h	r=+.29	p<.00	1: Mt=5.63
			2: Mt=4.89
			3: Mt=6.14
			4: Mt=6.88
			5: Mt=7.69
			All Mt=6.96

O-SLu/c/sq/v/5/e   r=+.30   p<.00   1: Mt=5. 00
                                                2: Mt=5. 45
                                                3: Mt=6. 44
                                                4: Mt=7. 43
                                                5: Mt=8. 19
                                             All Mt=7. 45

Study	**VENTE 1996**	*Page in Report:*	374

Reported in: Ventegodt, S.
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)
Forskningscenter for Livskvalitet,
Forskningscentrets Forlag, København 1996,
ISBN 8790190068

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

Sample: Non-probability purposive sample (unspecified)

Non-Response: 39%

N: 4500

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement:
```
Single question:
"How satisfied are you at present with your relations with your
acquaintances ?"
1: very dissatisfied
2: dissatisfied
3: neither/nor
4: satisfied
5: very satisfied
```

Measured Values: N: All:4604; %: 1:0,5; 2:2,1; 3:17,9; 4:55,9; 5:23,6

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.31	p<.00	1: Mt=4.16 2: Mt=5.39 3: Mt=6.93 4: Mt=7.76 5: Mt=8.58
O-HL/c/sq/v/5/h	r=+.29	p<.00	1: Mt=4.40 2: Mt=5.05 3: Mt=6.36 4: Mt=6.98 5: Mt=7.85
O-SLu/c/sq/v/5/e	r=+.32	p<.00	1: Mt=3.69 2: Mt=5.10 3: Mt=6.54 4: Mt=7.41 5: Mt=8.38

Study **WARD 1979/1**

Page in Report: 866

Reported in:	Ward, R.A.
	The never-married in later life
	Journal of Gerontology, 1979, vol. 34, no. 6, pp. 861-869
Population:	50+ aged, non-institutionalized, USA, 1972-77
Sample:	
Non-Response:	
N:	3557

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	Single closed question rated on a 7-point scale: From each area of life I'm going to name, tell me how much satisfaction you get from that area: ... your friendships: a very great deal / a great deal / quite a bit / / a fair amount / some / a little / none.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/c/sq/v/3/ag	r=+	p<.05	Married: r = +.25 (05) Never-married: r = +.21 (05) Divorced and widowed subjects left out

Study	**WEBB 1915/1**	*Page in Report:*	26

Reported in:	Webb, E.
	Character and intelligence. An attempt at an exact study of character.
	London, 1915, Cambridge University Press.
Population:	Male college students, England, 1912
Sample:	
Non-Response:	-
N:	194

Measured Correlate

Class:	Satisfactions with friends Code: F 6.6.2
Measurement:	`Trained peer rating on a 7-point scale on the basis of observation during 6 months.`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-CP/g/rdp/ro/7/a	r=-.14	

Study	**WESSM 1956**	*Page in Report:*	201

Reported in: Wessman, A.E.
A psychological inquiry into satisfaction and happiness
Unpublished doctoral dissertation, 1956, Princeton   University, U.S.A.

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

Sample:

Non-Response: -

N: 2377

Measured Correlate

Class: Satisfactions with friends Code: F 6.6.2

Measurement:
```
Closed question:
0 Wish to move to a 'different circle'
1 Satisfied."
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/g/sq/v/3/c	G=+.43 p<.01	Stronger among those who are not getting along well with their family and/or are dissatisfied with their job. Unaffected by sex, education, age, income, S.E.S., marital status, and race

Appendix 1   *Queries on Happiness used in reported Studies*
Happiness Query Code   Full Text

A-AOL/m/sq/v/5/a

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

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

A-BB/cm/mq/v/2/a

Selfreport on 10 questions:

"During the past few weeks, did you ever feel ....?" (yes/no)
A   Particularly exited or interested in something?
B   So restless that you couldn't sit long in a chair?
C   Proud because someone complimented you on something
     you had done?
D   Very lonely or remote from other people?
E   Pleased about having accomplished something?
F   Bored?
G   On top of the world?
H   Depressed or very unhappy?
I   That things were going your way?
J   Upset because someone criticized you?

Answer options and scoring:
 yes = 1
 no = 0
Summation:
-Positive Affect Score (PAS): A+C+E+G+I
-Negative Affect Score (NAS): B+D+F+H+J
-Affect Balance Score (ABS): PAS minus NAS
Possible range: -5 to +5

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

A-BB/cm/mq/v/5/a

Selfreport on 13 questions:

"During the past four weeks have you ever felt....?" (yes/no)

A   Pleased about having accomplished something.
B   Things going my way.
C   Proud because someone complimented me on something I

---

had done.
D Particularly excited or interested in something I had done.
E On top of the world.
F A deep sense of joy.
G Pleased because my life feels orderly and secure.
H Bored.
I Very lonely and remote from other people.
J Jealous of somebody.
K Angry with someone.
L Disappointed in myself..
M Unhappy about the small number of times I have pleasant
    feelings and experiences.

Answer options:
0 no
    yes
If yes: How often did you feel so?
5 every day
4 several times a week
3 once a week
2 2 or 3 times a month
1 once a month

Summation:
- Positive Affect Score (PAS): Average A to G
- Negative Affect Score (NAS): Average H to M
- Affect Balance Score (AB): PAS minus NAS
Possible range: +42 tot -30

Name : Bradburn's "Affected Balance Scale' (modified version)

A-BB/cw/mq/v/2/a   Selfreport on 10 questions:

"During the past week, did you ever feel.....?"

A   So restless that you could not sit long in a chair
B   Proud, because someone had complimented you
C   Very lonely or remote from people?
D   Pleased about having accomplished something
E   Bored
F   On top of the world?
G   Depressed
H   That things were going your way?
I   Upset because someone critized you?
J   Could not do anything, simply because you could not start?

Answer options and scoring:
- yes = 1
- no = 0

Summation:
Positive Affect Score (PAS): summed scores on B,D F,H

Negative Affect Score (NAS): summed scores on A,C,E,G,I,J
Affect Balance Score (ABS): PAS minus NAS

Possible range -6 to +4

Name: Bradburn's `Affect Balance Scale' (adapted version)
A-BB/cw/mq/v/4/e   Selfreport on 9 questions:

"We are interested in the way people are feeling these days. The following list describes some of the ways people feel at different times. Please indicate how often you felt each way during the last week.

"How often last week did you feel .....?"

A On the top of the world
B Very lonely or remote from other people
C Particularly excited or interested in something
D Depressed or very unhappy
E   Pleased about having accomplished something
F   Bored
G Proud because someone complimented you on something
    you had done
H So restless you couldn't sit long in a chair
I   Vaguely uneasy about something without knowing why

Answer options:
0 not at all
1 once
2 several times
3 often

Summation:
Positive Affect Score (PAS): summed scores on A, C, E, G
Negative Affect Score (NAS): summed scores on B, D, F, H, I
Affect Balance Score (ABS): PAS minus NAS

Possible range: -15 tot +12

Name: Bradburn's `Affect Balance Scale' (modified version)
A-BB/cw/mq/v/4/f   Selfreport on 10 questions:

"We are interested in how people are feeling these days. The following items describe some of the ways people feel at different times. Please indicate how often you felt each way during the last week
A   Pleased about having accomplished something.
B   That things were going my way.
C   Proud because someone complimented me on something I
    had done.
D Particularly excited or interested in something I had done.
E On top of the world.
F Upset because someone criticized you

G So restless that you could not sit long in a chair
H Bored
I   Very lonely or remote from other people
J Depressed or very unhappy

Answer options:
0 not at all
1 once
2 several times
3 often

Summation:
- Positive Affect Score (PAS): Average A to E
- Negative Affect Score (NAS): Average F to J
- Affect Balance Score (AB): PAS minus NAS
Possible range: -25 to +25

Name : Bradburn's "Affected Balance Scale' (modified version)

A-CP/g/rdp/ro/7/a   Peer rating on single question (based on contact during 6 months):

Rater instruction: "personal qualities are named and briefly annotated in this schedule. If you have any doubt as to the meaning of any of them, please ask me (investigator)
2. In the collums under each subject's name, place one of the marks for each of the qualities specified (+3, +2, +1, 0, -1, -2, -3) To avoid errors, please put the + sign as well as the -

'General tendency to be 'cheerful' (as opposed to being depressed and low spirited)
+3 very high compared to average
+2 distinctly above average
+1 slightly above average
 0 average
 -1 slightly below average
 -2 distinctly below average
 -3 lowest as compared to average

C-A/h/sq/v/3/a   Selfreport on single question:

"How do you feel about what you have accomplished in life...?"
3 well satisfied
2 reasonable satisfied
1 dissatisfied:

M-AO/u/mq/*/0/a   Selfreport on 2 questions:

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

B "How often do you feel that you are really enjoying life.....?"

1 rarely
2 now and than
3 fairly often
4 all the time

Summation: factor score

M-FH/cm/sq/v/4/a   Selfreport on single question:

"......happiness during past few weeks....."
(Full lead not reported)
4 very happy
3
2
1 not too happy

M-FH/u/sq/v/3/a   Selfreport on single question:

"Do you feel.....?"
3 happy
2 not too happy
1 unhappy

Original text in Dutch:
" Voelt u zichzelf ......?"
c gelukkig
b niet zo gelukkig
a ongelukkig

O-BW/c/sq/l/11/a   Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of
the ladder respresents the best possible life for you and the
bottom represents the worst possible life for you. Where on the ladder do you feel
you personally stand at the present time?"
[10] best possible life
[9]
[8]
[7]
[6]
[5]
[4]
[3]
[2]
[1]
[0] worst possible life

Preceded by 1) open questions about what the respondent imagines as the best
possible life and the worst possible life. 2) ratings on the ladder of one's life five
years ago and where on the ladder one expects to stand five years from now.

Name: Cantril's selfanchoring 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-DT/c/sq/v/7/b   Selfreport on single question:

"How do you feel about your life as a whole right now.....?"
1 terrible
2 unhappy
3 mostly dissatisfied
4 mixed (about equally satisfied and dissatisfied)
5 mostly satisfied
6 pleased
7 delighted
- neutral (neither satisfied nor dissatisfied)
- I never thought about it
- does not apply to me

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

O-DT/c/sq/v/7/c   Selfreport on single question:

"Indicate the feeling you have now, generally speaking, how do you feel about your life...?"
1 terrible
2 unhappy
3 mostly dissatisfied
4 mixed (about equally satisfied and dissatisfied)
5 mostly satisfied
6 pleased
7 delighted
-   8 neutral (neither satisfied nor dissatisfied)
-   9 never thought about it
- 10 does not apply to me

Scoring: 8, 9 and 10 left out

O-DT/u/sq/v/7/a   Selfreport on single question:

"How do you feel about your life as a whole.....?"
7 delighted
6 pleased

5 mostly satisfied
4 mixed
3 mostly dissatisfied
2 unhappy
1 terrible

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

O-DT/u/sqt/v/10/a   Selfreport on single question asked twice in interview,

"How do you feel about your life as a whole......?"
10   delightfull
9
8
7
6
5
4
3
2
1   terrible

Summation: mean

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

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-DT/u/sqt/v/9/a   Selfreport on single question asked twice

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

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

'Taken all together, how would you say things are these days?   Would you say
that you are....?"
3 very happy
2 pretty happy
1 not too happy

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

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

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

"Taken all things together, how would you say things are these days. Wouyld you
say you were...."
1 not too happy
2 pretty happy
3 very happy

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

"Considering everything that has happened to you recently, how would you say
things are with you - would you say you are.....?"
3 very happy
2 pretty happy
1 not too happy

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

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

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

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

"Do you feel that your life at present is.....?"
4 very happy
3 quite happy
2 unhappy
1 very unhappy

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

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

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

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

'How happy are you now?'
5 very happy
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy

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

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

"In general, how happy would you say you are these days.....?"
7 extremely happy
6 very happy
5 pretty happy
4 not too happy
3 a bit unhappy
2 pretty unhappy
1 very unhappy

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

"In general, how happy would you say you are.....?"
3 very happy

2 fairly happy
1 not too happy

O-HL/u/sq/v/3/a   Selfreport on single question:

"Taking all together: how happy would you say you are? Would you say you
are.....?"
3 very happy
2 pretty happy
1 not too happy

O-HL/u/sq/v/7/a   Selfreport on single question:

"Considering your life as a whole, would you describe it as....:?"
1 very happy
2
| unhappy
3
4 an even mixture of unhappiness and happiness
5
| happy
6
7 very happy
no opinion

O-HP/g/sq/ol/7/a   Selfreport on single question:

"Generally speaking are you a happy person.......?"

Responses were made on an open line scale, and were later coded in 7
categories:
1 very unhappy
2
3
4
5
6
7 very happy.

Original text in Dutch:
 "Bent u over het algemeen een gelukkig mens?"
a zeer ongelukkig
b
c
d
e
f
g zeer gelukkig

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-SLL/c/sq/v/5/a   Selfreport on single question:

"How satisfying do you find the life you currently lead......?"
1 very satisfied
2 rather satisfied
3 satisfied
4 very satisfied
5 extremely satisfied

In Dutch:
"In hoeverre bent u tevreden met het leven dat u lop het ogenblik leidt.....?".
a niet zo tevreden
b tamelijk tevreden
c tevreden
d zeer tevreden
e buitengewoon tevreden

O-SLu/c/sq/n/7/b   Selfreport on single question:

"All in all, how satisfied are you with your life these days.....?"
1 very dissatisfied
2
3
4
5
6
7 very satisfied

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

'How satisfied are you with your life now?'
5 very satisfied
2 satisfied
3 neither satisfied nor dissatisfied
2 dissatisfied
1 very dissatisfied

Original text in Danish:
'Hvor tilfreds er du med dit liv for tiden?'
5 meget tilfreds
4 tilfreds
3 hverken tilfreds eller utilfreds

2 utilfreds
1 meget utilfreds

O-SLu/g/sq/v/3/a   Selfreport on single question:

"On the whole, how satisfied would you say you are with your life.....?"
1 not very satisfied
2 fairly satisfied
3 very satisfied

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

"Overall, how satisfied are you with your life.....?"
4 very satisfied
3 satisfied
2 dissatisfied
1 very dissatisfied.

O-SLW/c/sq/l/11/b   Selfreport on single question:

"How dissatisfied would you say you are with things in general today?'
Rated on ladder scale
[10] completely satisfied
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[0] completely dissatisfied

O-SLW/c/sq/n/11/b   Selfreport on single question;

"What do you think, how satisfied are you at this moment- all in all - with your life
?' 'If for instance you are totally satisfied with your life, please mark a '10'.If you
are totally unsatisfied with your life, mark a '0'.If you are not completely
unstatisfied nor totally satisfied range yourself somewhere between '1' and '9"

10 completely satisfied
9
8
7
6
5
4
3
2
1
0 completely dissatisfied

Originall text in German:
"Was meinen Sie, wie zufrieden sind Sie gegenwärtig - alles in allem - heute mit

Ihrem Leben ? Wenn Sie zum Beispiel mit Ihrem Leben heute ganz und gar zufrieden sind, geben Sie bitte die '10' an.Wenn Sie mit Ihrem Leben heute ganz und gar unzufrieden sind, geben Sie '0' an.Wenn Sie weder ganz und gar zufrieden noch ganz und gar unzufrieden sind, dann ordnen Sie sich irgendwo zwischen '1'und '9' ein."

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

"We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?"

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

O-SLW/c/sqt/v/7/a   Selfreport on single question, asked twice during the interview:

"Are you at this moment satisfied or dissatisfied with life in general......?"
7 very satisfied
6 for the greater part satisfied
5 rather more satisfied than dissatisfied
4 neither satisfied nor dissatisfied
3 somewhat more dissatisfied than satisfied
2 for the greater part dissatisfied
1 very dissatisfied
- Do not know, difficult to say

In Swedish:
" Ar du pa det hela taget nojd eller missnojd met livet i des helnet just nu?"

O-SLW/u/sq/n/11/a   Selfreport on single question:

"All things considered, how satisfied or dissatisfied are you with your life as a whole?"
10 completely satisfied
9
8
7
6
5
4
3
2
1
0   completely dissatisfied

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

"On the whole, are you satisfied with your life.....?"
5 definitely yes
4 rather yes

3 don't know
2 rather no
1 definitely no
- no reply

O-SLW/u/sq/v/6/a   Selfreport on single question:

"How satisfying are these different aspects of your life? Indicate the number which best suits your situation. Life as a whole is....."
1 very dissatisfying
2 dissatisfying
3 rather dissatisfying
4 rather satisfying
5 satisfying
6 very satisfying

This item was followed by eight questions on life domain satisfactions.

O-SLW/u/sq/v/7/a   Selfreport on single question:

"Considering everything, how satisfied are you with your life as whole.....?"
7 completely satisfied
6   satisfied
5 mostly satisfied
4 satisfied/dissatisfied
3 dissatisfied
2 very dissatisfied
1 completely dissatisfied

O-SLW/u/sqt/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

O-Sum/u/mq/*/0/b   Selfreport in 2 questions:

A. "How satisfied are you with your life as a whole these days?"
10 completely satisfied
9
8
7
6
5
4
3
2

1
0   not at all satisfied

B. "Where would you place your life as a whole?"
Rated on a thermometer scale.
100 perfect, as good as you can imagine it being
90
80
70
60
50
40
30
20
10
0   terrible, as bad as you can imagine it being

Summation: factor loading

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 introductary text to the Catalog of Happiness Queries.

Appendix 2 *Statistics used in reported studies*

Symbol	*Explanation*
B	REGRESSION COEFFICIENT (non-standardized) Type: test statistic Measurement level: Correlate: metric, Happiness: metric Theoretical range: unlimited Meaning: B > 0 « a higher correlate level corresponds with, on an average, higher happiness rating. B < 0 « a higher correlate level corresponds with, on an average, lower happiness rating. B = 0 « not any correlation with the relevant correlate.
Beta	(ß) STANDARDIZED REGRESSION COEFFICIENT Type: test statistic. Measurement level: Correlates: all metric, Happinessl: metric. Range: [-1 ; +1] Meaning: beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating. beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating. beta = 0 « no correlation. beta = + 1 or -1 « perfect correlation.
DM	DIFFERENCE of MEANS Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Range: depending on the happiness rating scale of the author; range symmetric about zero. Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.
DMt	DIFFERENCE of MEANS AFTER TRANSFORMATION Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Theoretical range: [-10; +10] Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.
Dyx	SOMERS' ASYMMETRIC TEST STATISTIC Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1] Meaning: Dyx = 0 «no rank correlation Dyx = +1 «strongest possible rank correlation, where high correlate values correspond

with high happiness ratings.
Dyx = -1 «strongest possible rank correlation, where high correlate values correspond
with low happiness ratings.

E²   CORRELATION RATIO (Elsewhere sometimes called h² or ETA)
            Type: test statistic
            Measurement level: Correlate: nominal or ordinal, Happiness: metric
            Range: [0; 1]

            Meaning: correlate is accountable for E² x 100 % of the variation in happiness.
            E² = 0 «   knowledge of the correlate value does not improve the prediction quality of
            the happiness rating.
            E² = 1 «   knowledge of the correlate value enables an exact prediction of the
            happiness rating

G   GOODMAN & Kruskal's GAMMA
            Type: test statistic
            Measurement level: Correlate: ordinal, Happinessl: ordinal
            Range: [-1; +1]

            Meaning:
            G = 0 « no rank correlation
            G = +1 « strongest possible rank correlation, where high correlate values correspond
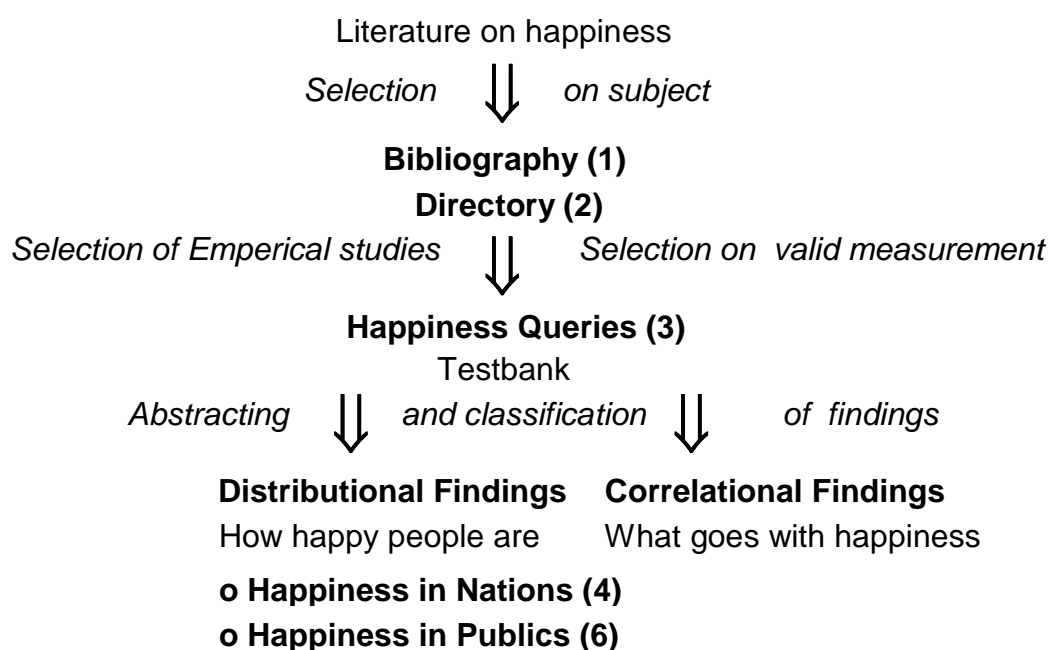   with high happiness ratings.
            G = -1 « strongest possible rank correlation, where high correlate values correspond
            with low happiness ratings.

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

SNR   Statistic Not Reported
ßL   PATH COEFFICIENT OBTAINED IN A LISREL MODEL.
                Range: unlimited, but seldom exceeds [-1, +1].

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

T   TSCHUPROW'S   T
                Type: test statistic.
                Measurement level: Correlate: nominal, Happiness: ordinal
                Range: [0 ; SQRT[[min(r,c)-1]/[max(r,c) -1]]], c and r being the numbers of colums resp. rows in a cross tabulation.

                Meaning:
                T = 0 «   no association
                T -> 1   «   strongest possible association.

                NOTE: sometimes the square value is reported instead !

tc   KENDALL'S TAU-C (Also referred to as Stuart's tau-c)
                Type: test statistic
                Measurement level: Correlate: ordinal, Happiness: ordinal
                Range: [-1; +1]

                Meaning:
                tc = 0 « no rank correlation
                tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
                tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

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

Appendix 3: About the World Database of Happiness

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

Literature on happiness

Selection ⇓ *on subject*

Bibliography (1)
Directory (2)

Selection of Emperical studies ⇓ *Selection on valid measurement*

Happiness Queries (3)
Testbank

Abstracting ⇓ *and classification* ⇓ *of findings*

Distributional Findings   **Correlational Findings**

How happy people are   What goes with happiness

o Happiness in Nations (4)
o Happiness in Publics (6)

1   BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 titles, mainly in English.

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.

6   CATALOG OF CORRELATIONAL FINDINGS Presents abstracts of correlational research findings. Detailed subject-classification. Allows comparison through time and across nations. Current contents: 7476 findings from 705 studies in 140 nations, 1911-2000.

Appendix 4 Further Findings in the World Database of Happiness

Main Category's	Category Name	*Number of Studies in this Category*
A 1	ACTIVITY LEVEL (how much one does)	53
A 2	ACTIVITY PATTERN (what one does)	7
A 3	AFFECTIVE LIFE	31
A 4	AGE	279
A 5	AGGRESSION	11
A 6	ANOMY	30
A 7	APPEARANCE (good looks)	8
A 8	ATTITUDES	4
A 9	AUTHORITARIANISM	4
B 3	BODY	66
C 1	CHILDREN 1:	4
C 10	CREATIVENESS	6
C 11	CULTURE (Arts and Sciences)	6
C 2	CHILDREN: WANT FOR (Parental aspirations)	6
C 3	CHILDREN: HAVING (parental status)	145
C 4	CHILDREN's CHARACTERISTICS	19
C 5	CHILDREN: RELATION WITH	8
C 6	CHILDREN: REARING (parental behavior)	11
C 7	COMMUNAL LIVING	1
C 8	CONCERNS	15
C 9	COPING	27
D 1	DAILY JOYS & HASSLES	4
E 1	EDUCATION	243
E 2	EMPLOYMENT	180
E 3	ETHNICITY	63
E 4	EXPRESSIVE BEHAVIOR	10
F 1	FAMILY OF ORIGIN (earlier family for adults, current for young)	195
F 2	FAMILY OF PROCREATION	42
F 3	FAMILY OF RELATIVES	145
F 4	FARMING	30
F 5	FREEDOM	24
F 6	FRIENDSHIP	123
G 1	GENDER	252
G 2	GRIEF	1
H 10	HOPE	3
H 11	HOUSEHOLD: COMPOSITION	90
H 12	HOUSEHOLD: WORK	10
H 13	HOUSING	75
H 2	HANDICAP	13

H 3	HAPPINESS: ATTITUDES	39
H 5	HAPPINESS CAREER	144
H 6	HAPPINESS: CURRENT LEVEL	260
H 8	HEALTH-BEHAVIOR	15
H 9	HELPING	4
I 1	INCOME	415
I 2	INSTITUTIONAL LIVING	28
I 3	INTELLIGENCE	63
I 4	INTERESTS	5
I 5	INTERVIEW	49
I 6	INTIMACY	70
L 1	LANGUAGE	1
L 10	LOCAL ENVIRONMENT	270
L 11	LOTTERY	7
L 12	LOVE-LIFE	26
L 2	LEADERSHIP	8
L 3	LEISURE	128
L 4	LIFE APPRAISALS: OTHER THAN HAPPINESS4	290
L 5	LIFE-CHANGE	26
L 6	LIFE-EVENTS	63
L 7	LIFE-GOALS	52
L 8	LIFE HISTORY	1
L 9	LIFE STYLE	4
M 1	MARRIAGE: MARITAL STATUS CAREER	32
M 10	MIGRATION: MIGRANT WORK	3
M 11	MILITARY LIFE	5
M 12	MODERNITY	5
M 13	MOOD	181
M 2	MARRIAGE: CURRENT MARITAL STATUS	315
M 3	MARRIAGE: RELATIONSHIP	99
M 4	MARRIAGE: PARTNER	34
M 5	MEANING	18
M 6	MEDICAL TREATMENT	49
M 7	MENTAL HEALTH	99
M 8	MIGRATION: OTHER COUNTRY	9
M 9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
N 1	NATIONALITY	5
N 2	NATION: TIME & PLACE	20
N 3	NATIONAL CHARACTER (modal personality)	2
N 4	NATION'S CONDITION	52
N 6	ATTITUDES TO THE NATION	111
N 7	LIVABILITY OF THE NATION	5
N 8	NUTRITION	18
O 1	OCCUPATION	133

O 2	ORGAN TRANSPLANTATION	11
P 1	PERSONALITY: HISTORY	44
P 10	POSSESSIONS	26
P 12	PROBLEMS	20
P 13	PSYCHO-SOMATIC COMPLAINTS	53
P 2	PERSONALITY: CHANGE	7
P 3	PERSONALITY: CURRENT ORGANIZATION	7
P 4	PERSONALITY: CURRENT TRAITS	392
P 5	PERSONALITY: LATER	23
P 6	PHYSICAL HEALTH	286
P 7	PLANNING	7
P 8	POLITICS	197
P 9	POPULARITY	22
R 1	RELIGION	198
R 2	RESOURCES	8
R 3	RETIREMENT	46
R 4	ROLES	13
S 1	SCHOOL	92
S 10	SOCIAL SUPPORT: RECEIVED	26
S 11	SOCIAL SUPPORT: Provided	3
S 12	SPORTS	32
S 13	STIMULANTS	33
S 14	SUICIDE	4
S 15	SUMMED EFFECTS ON HAPPINESS	71
S 2	SELF-IMAGE	193
S 3	SEX-LIFE	54
S 4	SLEEP	10
S 5	SOCIAL MOBILITY	16
S 6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	50
S 7	SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS	111
S 8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	25
S 9	SOCIAL STATUS (Socio-Economic Status)	140
T 1	TIME	27
T 2	THERAPY	9
T 3	TOLERANCE	37
V 1	VALUE CAREER	8
V 2	VALUES: CURRENT PREFERENCES (own)	49
V 3	VALUES: CLIMATE (current values in environment)	4
V 4	VALUES: SIMILARITY (current fit with others)	5
V 5	VICTIM	11
W 1	WAR	5
W 2	WORK CAREER	1
W 3	WORK CONDITIONS	34
W 4	WORK-ATTITUDES	313

W 5	WORK-PERFORMANCE (current)	6
W 6	WORRIES	27
X	UNCLASSIFIED	22

Appendix 5   Related Topics

This Topic		*Related Topics*	
Classification Page 1		*In Subject List on Appendix 4*	
F 6	FRIENDSHIP	L 12	LOVE-LIFE
		S 6	SOCIAL PARTICIPATION: PERSONAL CONTACTS
		I 6	INTIMACY
F 6.1	Friendship career		
F 6.1.1	Earlier friendships		
F 6.1.2	Change in friendships		
F 6.1.3	History of current friendships		
F 6.1.4	Later friendships		
F 6.2	Current number of friends		
F 6.2.1	Number of close friends		
F 6.2.2	Number of friends/acquaintances		
F 6.3	Current contacts with friends	S 6	SOCIAL PARTICIPATION: PERSONAL CONTACTS
F 6.3.1	Visits to friends		
F 6.3.2	Telephone calls with friends		
F 6.3.3	Attendance of parties		
F 6.3.5	Intimate discussions		
F 6.4	Current friendship network	I 6.3	Characteristics of intimate-network
F 6.4.1	Friends in community	L 10.6.2	Local social contacts
F 6.4.2	Friends are friends		
F 6.4.3	Married friends		
F 6.5	Current characteristics of friends		
F 6.5.1	Happiness of friends		
F 6.5.2	Similarity with friends	H 3.2.3.2	. perceived level of happiness of specific social categories
F 6.6	Attitudes to friendship		
F 6.6.1	Concern about friends		
F 6.6.2	Satisfactions with friends		SATISFACTION WITH PRIVATE LIFE

End of Report