



World Database of Happiness

Correlational Findings

© on data collected: Ruut Veenhoven, Erasmus University Rotterdam

Findings on Happiness & HAPPINESS CAREER

Correlate Code: H 5

Classification of Findings

<i>Correlate Code</i>	<i>Correlate Name</i>	<i>Number of Studies on this Subject</i>
H 5	HAPPINESS CAREER	0
H 5.1	Perceived happiness career	1
H 5.1.1	Retrospective level of happiness (period unspecified)	1
H 5.1.1.1	. in recent past	8
H 5.1.1.2	. in specific periods in the past	4
H 5.1.1.3	. happiest period in life	2
H 5.1.1.4	. extremes of happiness experienced	5
H 5.1.2	Retrospective changes in happiness (unspecified)	1
H 5.1.2.1	. recent change	8
H 5.1.2.2	. long term change	1
H 5.1.2.3	. perceived stability of feelings about life	4
H 5.1.3	Expected level of happiness (period unspecified)	16
H 5.1.3.1	. in the near future (up to 5 years)	7
H 5.1.3.2	. in the long run	0
H 5.1.3.3	. in specific phases in the future	0
H 5.1.4	Expected change in happiness (period unspecified)	1
H 5.1.4.1	. in the near future (up to 5 years)	9
H 5.1.4.2	. in the long run	4
H 5.1.4.3	. in specific phases of life	0
H 5.2	Actual happiness-career (assessed in follow-up)	0
H 5.2.1	Actual level of earlier/later happiness ³	0
H 5.2.1.1	. recent happiness (< 1 year ago)	22
H 5.2.1.2	. past happiness (1 to 10 years ago)	30
H 5.2.1.3	. long term happiness (< 10 years ago)	14
H 5.2.2	Actual changes in happiness	2
H 5.2.2.1	. change over life time	4
H 5.3	Attitudes to happiness career	0

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:

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

Study	BORTN 1974	<i>Page in Report:</i>	539
<i>Reported in:</i>	Bortner, R.W. & Hultsch, D.F. Patterns of subjective deprivation in adulthood Development Psychology, 1974, vol. 10, p. 534 - 545		
<i>Population:</i>	21+ aged, general public, USA, 1959		
<i>Sample:</i>			
<i>Non-Response:</i>	17% incomplete information		
<i>N:</i>	1294		

Measured Correlate

Class: Perceived happiness career Code: H 5.1

Measurement: Ss were classified on the basis of present-self, past-self and future-self ratings using the Cantril (1965) question on "best possible life".
(See CANTR 1965)

- TD temporary deprivation:
present lower than past: future higher than present
- CD continuous deprivation:
present lower than past: future lower than present
- GED great expectative deprivation:
present higher than past: future higher than present
- SND Stereotyped non-deprivation:
present higher than past: future slightly higher than present
- AD anticipatory deprivation:
present higher than past: future lower than present.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-RG/h/sq/l/11/a	DM= + p<.	Non-significant differences between TD and CD, between CD and GED and between SND and AD. Other differences are significant (05).
O-SLu/c/sq/l/11/a	DM= + p<.	Non-significant differences between TD and CD, and between GED, SND and AD. Other differences are significant (05).

Study	PEIL 1984	<i>Page in Report:</i>	372
<i>Reported in:</i>	Peil,M. African urban life: components of satisfaction in Sierra Leone Social Indicators Research, Vol 14, 1984, pp.363-384.		
<i>Population:</i>	Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981		
<i>Sample:</i>			
<i>Non-Response:</i>	5% (on some items up to 60%)		
<i>N:</i>	640		

Measured Correlate

Class: Retrospective level of happiness (period unspecified) Code: H 5.1.1

Measurement: Direct question: "Has your life been disappointing/rewarding, enjoyable/miserable, or in between?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/u/sq/l/7/a	r=+	Mal es : r = +. 32 Femal es: r = +. 36

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Closed question: "Where was your life five years ago?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.30	
O-DT/u/sq/v/7/a	mr=+.17	HAP 4.1 asked twice: at the beginning of the interview: r=+.18 at the end of the interview: r=+.16
O-DT/u/sq/v/7/a	r=+.18	
O-GBB/u/sq/c/9/a	r=+.26	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Weighted sum of possible answers to closed question: "Think back over what your life has been like during the past ten weeks. It may help to try to remember some of the specific things that happened to you, or which you did during this period. Your answers should add up to ten weeks. For what part of the time did you feel delighted about your life as a whole (answer A)... pleased (B)... mostly satisfied (C)... mixed-about equally satisfied and dissatisfied (D)... mostly dissatisfied (E)... unhappy (F)... terrible (G)?"
Two measures were derived:
1. weighted sum: $(1*A) + (2*B) + (3*C) + (4*D) + (5*E) + (6*F) + (7*G)$
2. Regression weighted sum: $52.366 + (1.244*A) + (.869*B) - (1.507*E) - (2.373*F)$

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.60	Measure 1: (weighted sum) Index of positive affects: r=-.40
	r=+.60	Measure 2: (regression weighted sum) Index of negative affects: r=+.40
O-BW/cy/sq/l/9/a	r=+.50	Measure 1: (weighted sum)
	r=+.50	Measure 2: (regression weighted sum)

O-DT/u/sq/v/7/a	mr=+.50	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Measure 1: (simple weighted sum) HAP 4.1 asked first : r=+.50 HAP 4.1 asked second: r=+.50 HAP 4.1 asked third : r=+.50
	mr=+.57	Measure 2: (regression weighted sum) HAP 4.1 asked first : r=+.50 HAP 4.1 asked second: r=+.60 HAP 4.1 asked third : r=+.60
O-GBB/u/sq/c/9/a	r=+.40	Measure 1: (weighted sum)
	r=+.30	Measure 2: (regression weighted sum)
O-HL/c/sq/v/3/aa	r=-.50	Measure 1: (weighted sum)
	r=-.50	Measure 2: (regression weighted sum)
O-HL/u/sq/v/7/b	r=+.50	Measure 1: (weighted sum)
	r=+.50	Measure 2: (regression weighted sum)
O-SLW/u/sq/f/7/a	r=+.50	Measure 1: (weighted sum)
	r=+.50	Measure 2: (regression weighted sum)

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Single closed question rated on a graphic scale: "Where was your life five years ago?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.00	
O-BW/cy/sq/l/9/a	r=+.20	
O-DT/u/sq/v/7/a	mr=+.13	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.10 HAP 4.1 asked second: r=+.10 HAP 4.1 asked third : r=+.20
O-GBB/u/sq/c/9/a	r=+.20	
O-HL/c/sq/v/3/aa	r=-.00	
O-HL/u/sq/v/7/b	r=+.10	
O-SLW/u/sq/f/7/a	r=+.20	

Study	BORTN 1970	<i>Page in Report:</i>	44
<i>Reported in:</i>	Bortner, R.W. & Hultsch, D.F. A multivariate analysis of correlates of life satisfaction in adulthood Journal of Gerontology, 1970, vol. 25, p. 41-47		
<i>Population:</i>	21+ aged, general public, USA 1959		
<i>Sample:</i>			
<i>Non-Response:</i>	9%		
<i>N:</i>	1406		

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Closed question rated on an 11-point self-anchoring scale, (Cantril past personal rating; see CANTR, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-RG/h/sq/l/11/a	r=+.18	
O-BW/c/sq/l/11/a	r=+.36	
O-SLu/c/sq/l/11/a	r=+.11	

Study	GORMA 1971	<i>Page in Report:</i>	215/-216
<i>Reported in:</i>	Gorman, B.S. A multivariate study of the relationship of cognitive control and cognitive style Unpublished doctoral dissertation, 1971, City University of New York, USA		
<i>Population:</i>	Undergraduate students, Nassau Community College, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	4%, 3% refusal, 1% incomplete information		
<i>N:</i>	67		

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Closed question rated on an 11-point self-anchoring scale (Cantril past personal rating).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.00 ns	
O-BW/c/sq/l/11/b	r=+.27 p<. 05	

Study	HALMA 1987	<i>Page in Report:</i>	373
<i>Reported in:</i>	Halman, L., Heunks, F., de Moor, R. and Zanders, H. Traditie, secularisatie en individualisering. A study into the values of the Dutch in a Tilburg University Press, Tilburg, The Netherlands, 187-215 283-325 and 368-379		
<i>Population:</i>	18+ aged, general public, EU nations, 1981		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	12464		

Measured Correlate

<i>Class:</i>	. in recent past Code: H 5.1.1.1
<i>Measurement:</i>	Direct question, rated on a 10 point scale (higher numbers indicating higher satisfaction in past): "How satisfied or dissatisfied would you say you were 5 years back?".
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/4/a	Beta=<.1	France
	Beta=<.1	Great-Bri tai n
	Beta=<.1	West Germany
	Beta=<.1	I tal y
	Beta=<.1	Netherl ands
	Beta=<.1	Denmark
	Beta=<.1	Bel gi um
	Beta=+.1	Spai n
	Beta=+.1	I rel and
	Beta=<.1	Northern I rel and

	Beta=<.1	EC
		<p>β controlled for: life satisfaction(HAPP 2.1), affect(AFF 2.3); satisfaction with health, income and family life; age, income, education, male sex, marital status, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in future; tolerance, loneliness, misanthropy, hopeless about life and sense of control.</p>
O-SLW/c/sq/n/10/aa	Beta=+.1	France
	Beta=+.1	Great-Britain
	Beta=+.1	West Germany
	Beta=+.1	Italy
	Beta=+.1	Netherlands
	Beta=+.1	Denmark
	Beta=+.2	Belgium
	Beta=+.3	Spain
	Beta=+.2	Ireland
	Beta=<.1	Northern Ireland
	Beta=+.1	EC
		<p>β's controlled for happiness(HAPP 1.1), affect(AFF 2.3); satisfaction with health, income and family life; age, income, education, marital status, having children, male sex, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in future; tolerance, loneliness, misanthropy, hopeless about life and sense of control.</p>

Study	VENTE 1997	<i>Page in Report:</i>	84,86
<i>Reported in:</i>	Ventegodt, S. Livskvalitet og omstændigheder tidligt i livet(The quality of Life and Factors in Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark, ISBN 8790190130		
<i>Population:</i>	31-33 aged, born at the university hospital, Denmark, 1993		
<i>Sample:</i>	Non-probability chunk sample		
<i>Non-Response:</i>	36%		
<i>N:</i>	4626		

Measured Correlate

<i>Class:</i>	. in recent past Code: H 5.1.1.1
<i>Measurement:</i>	the beginning of life: overview (mean of 3 domains) 1a: very poor 2a: poor 3a: neither/nor 4a: good 5a: very good the beginning of life: overview(extremized) 1b: very poor 2b: poor 3b: neither/nor 4b: good 5b: very good
<i>Measured Values:</i>	N: all a:4355, %:1a:3, 2a:15, 3a:35, 4a:36, 5a:12 N: all b:4355, %:1b:-, 2b:0,4, 3b:80, 4b:19, 5b:1
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-AOL/m/sq/v/5/a	r=+.00 ns	1a: Mt=7.74 2a: Mt=7.73 3a: Mt=7.70 4a: Mt=7.75 5a: Mt=7.74 All Mt=7.73
	r=+.01 ns	1b: Mt=- 2b: Mt=7.81 3b: Mt=7.71 4b: Mt=7.81 5b: Mt=7.39 All Mt=7.73

O-HL/c/sq/v/5/h	r=+.01	ns	1a: Mt=6.91 2a: Mt=7.01 3a: Mt=6.96 4a: Mt=7.08 5a: Mt=6.96 All Mt=7.01
	r=+.01	ns	1b: Mt=- 2b: Mt=7.35 3b: Mt=6.99 4b: Mt=7.14 5b: Mt=6.16 All Mt=7.01
O-SLu/c/sq/v/5/e	r=+.01	ns	1a: Mt=7.35 2a: Mt=7.38 3a: Mt=7.39 4a: Mt=7.43 5a: Mt=7.40 All Mt=7.40
	r=+.01	ns	1b: Mt=- 2b: Mt=7.35 3b: Mt=7.39 4b: Mt=7.49 5b: Mt=7.05 All Mt=7.40

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

Measured Correlate

<i>Class:</i>	. in recent past Code: H 5.1.1.1
<i>Measurement:</i>	Question : ' What do you think, how satisfied were you with your life, 5 years ago ? ' 0 very unsatisfied 10 very satisfied
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/4/b	SNR=	eta G r β
		1978 +. 20 +. 25 +. 17 +. 20 1980 +. 20 +. 26 +. 17 +. 20 1984 +. 19 +. 25 +. 16 +. 18 1988 +. 20 +. 23 +. 14 +. 21
		β 's controlled for age, gender, perceived class and marital status.
O-SLW/c/sq/n/11/b	SNR=	eta G r β
		1978 +. 52 +. 55 +. 50 +. 51 1980 +. 48 +. 48 +. 43 +. 48 1984 +. 43 +. 46 +. 38 +. 42 1988 +. 48 +. 73 +. 69 +. 49
		β 's controlled for age, gender, perceived class and marital status.

Study	ABRAM 1972	<i>Page in Report:</i>	21
<i>Reported in:</i>	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.		
<i>Population:</i>	15+ aged, general public, Britain, 1971		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	213		

Measured Correlate

<i>Class:</i>	. in specific periods in the past Code: H 5.1.1.2
<i>Measurement:</i>	Past happiness rated on an 11-point self-anchoring scale (Cantril, 1965). Ss were shown a ladder going from complete dissatisfaction, 0 to complete satisfaction, 10 and asked: "Where would you put yourself as you were about 4 or 5 years ago?"
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/c/sq/l/11/b	r=+.62	

Study	CRITE 1977	<i>Page in Report:</i>	721
<i>Reported in:</i>	Critelli, J.W. Romantic attraction and happiness Psychological Reports; 1977; vol.41; p.721-722		
<i>Population:</i>	Dating couples, midwest university, USA, 1975		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	61		

Measured Correlate

Class: . in specific periods in the past Code: H 5.1.1.2

Measurement: Question on how happy respondents were at time just before dating partner:
Unhappy, not very happy, fairly happy, happy, very happy

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>						
O-H?/c/sq/v/5/a	r=+	<table> <tr> <td>Males</td> <td>r=+.09</td> <td>(ns)</td> </tr> <tr> <td>Females</td> <td>r=+.27</td> <td>(.05)</td> </tr> </table>	Males	r=+.09	(ns)	Females	r=+.27	(.05)
Males	r=+.09	(ns)						
Females	r=+.27	(.05)						

Study	ORMEL 1980	<i>Page in Report:</i>	351
<i>Reported in:</i>	Ormel,H. Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life) Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.		
<i>Population:</i>	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77		
<i>Sample:</i>			
<i>Non-Response:</i>	18%		
<i>N:</i>	296		

Measured Correlate

Class: . in specific periods in the past Code: H 5.1.1.2

Measurement: Rated by the interviewer on a 3-point scale (3=unhappy).
Assessed at T2(1976)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/c	r=-.24 p<.01	T2 happiness by T2 unhappy childhood as judged by Ss.
	r=-.24 p<.01	T2 happiness by T2 unhappy childhood as judged by interviewer.

Study	WESSM 1956	<i>Page in Report:</i>	192
<i>Reported in:</i>	Wessman, A.E. A psychological inquiry into satisfaction and happiness Unpublished doctoral dissertation, 1956, Princeton University, U.S.A.		
<i>Population:</i>	21+ aged, general public, non-institutionalized, USA, 1946		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	2377		

Measured Correlate

<i>Class:</i>	. in specific periods in the past Code: H 5.1.1.2
<i>Measurement:</i>	Question whether one was happier when single: 0 No 1 Yes
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/g/sq/v/3/c	G=+.39 p<.01	Computed for marrieds only

Study	WESSM 1956	<i>Page in Report:</i>	220
<i>Reported in:</i>	Wessman, A.E. A psychological inquiry into satisfaction and happiness Unpublished doctoral dissertation, 1956, Princeton University, U.S.A.		
<i>Population:</i>	21+ aged, general public, non-institutionalized, USA, 1946		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	2377		

Measured Correlate

Class: . happiest period in life Code: H 5.1.1.3

Measurement: Open-ended direct question:
"Other periods vs period mentioned."

- a. Childhood, school days, college, when I was single
- b. Now, recently, until now
- c. Married life
- d. Having babies, raising children, when children were small
- e. Falling in love, getting married, early married life
- f. When family was together, before husband or wife died
- g. Early working days
- h. Always happy
- i. Never happy
- j. No opinion

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/g/sq/v/3/c	G=-.32 p<. 01	a.
	G=+.23 p<. 01	b.
	G=+.36 p<. 01	c.
	G=+.10 ns	d.
	G=-.07 ns	e.
	G=-.16 ns	f.
	G=-.48 p<. 01	g.
	G=+.47 p<. 01	h.
	G=-1.0 p<. 01	i.
	G=-.37 p<. 01	j.

Study	WESSM 1956	<i>Page in Report:</i>	221
<i>Reported in:</i>	Wessman, A.E. A psychological inquiry into satisfaction and happiness Unpublished doctoral dissertation, 1956, Princeton University, U.S.A.		
<i>Population:</i>	21+ aged, general public, non-institutionalized, USA, 1946		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	2377		

Measured Correlate

Class: . happiest period in life Code: H 5.1.1.3

- Measurement:*
- A. Marriage and family life (3+4+5+6)
 - B. Childhood, youth and early adulthood (1+7)
 - C. Other and no opinion

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/g/sq/v/3/c	G=+.17 p<. 01	
	G=-.35 p<. 01	
	G=-.05 ns	

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . extremes of happiness experienced Code: H 5.1.1.4

Measurement: Closed question: "Where on the ladder was your worst week in the past year - on which rung?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.52	
O-DT/u/sq/v/7/a	mr=+.31	HAP 4.1 asked twice: at the beginning of the interview: r=+.32 at the end of the interview: r=+.30
O-DT/u/sq/v/7/a	r=+.33	
O-GBB/u/sq/c/9/a	r=+.41	

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . extremes of happiness experienced Code: H 5.1.1.4

Measurement: Closed question: "Where on the ladder was your best week in the past year -on which rung would you put it?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.68	
O-DT/u/sq/v/7/a	mr=+.45	HAP 4.1 asked twice: at the beginning of the interview: r=+.45 at the end of the interview: r=+.44
O-DT/u/sq/v/7/a	r=+.48	
O-GBB/u/sq/c/9/a	r=+.52	

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . extremes of happiness experienced Code: H 5.1.1.4

Measurement: Difference in response to two questions
 1. "Where on the ladder was your best week in the past year - on which rung would you put it?"
 2. "Where on the ladder was your worst week during the past year - on which rung?"
 Both rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.00	
O-DT/u/sq/v/7/a	mr=+.04	HAP 4.1 asked twice: at the beginning of the interview: r=+.03 at the end of the interview: r=+.04
O-DT/u/sq/v/7/a	r=+.04	
O-GBB/u/sq/c/9/a	r=+.00	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

<i>Class:</i>	. extremes of happiness experienced Code: H 5.1.1.4
<i>Measurement:</i>	Closed question rated on a graphic scale: "Where on the ladder was your best week in the past year - on which rung would you put it?" Rated on a 9-point scale ranging from best life (9) to worst life (0). (HAP 3.1)
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.50	
O-DT/u/sq/v/7/a	mr=+.27	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Correlations with HAP 3.1 (asked once): HAP 4.1 asked first : r=+.30 HAP 4.1 asked second: r=+.20 HAP 4.1 asked third : r=+.30
O-GBB/u/sq/c/9/a	r=+.30	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=+.30	
O-SLW/u/sq/f/7/a	r=+.30	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . extremes of happiness experienced Code: H 5.1.1.4

Measurement: Closed question rated on a graphic scale: "Where on the ladder was your worst week - on which rung?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.40	
O-DT/u/sq/v/7/a	mr=+.30	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Correlations with HAP 3.1 (asked once): HAP 4.1 asked first : r=+.30 HAP 4.1 asked second: r=+.30 HAP 4.1 asked third : r=+.30
O-GBB/u/sq/c/9/a	r=+.20	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=-.40	
O-SLW/u/sq/f/7/a	r=+.20	

Study	HALMA 1987	<i>Page in Report:</i>	198
<i>Reported in:</i>	Halman, L., Heunks, F., de Moor, R. and Zanders, H. Traditie, secularisatie en individualisering. A study into the values of the Dutch in a Tilburg University Press, Tilburg, The Netherlands, 187-215 283-325 and 368-379		
<i>Population:</i>	18+ aged, general public, EU nations, 1981		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	12464		

Measured Correlate

Class: Retrospective changes in happiness (unspecified) Code: H 5.1.2

Measurement: Three direct questions, each rated on a 10 point scale: "How satisfied or dissatisfied are you with your life as a whole these days?", "And how about your life five years back?" and "How satisfied or dissatisfied you think you'll be five years from now?".

Respondents were grouped into 9 categories to present satisfaction with life being:

- 1 Higher than past, lower than future
- 2 Higher than past, equal to future
- 3 Higher than past, higher than future
- 4 Equal to past, lower than future
- 5 Equal to past, equal to future
- 6 Equal to past, higher than future
- 7 Lower than past, lower than future
- 8 Lower than past, equal to future
- 9 Lower than past, higher than future

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/4/a	DMt=	1 Mt' =7.36 2 Mt' =7.94 3 Mt' =7.51 4 Mt' =7.16 5 Mt' =7.74 6 Mt' =7.34 7 Mt' =6.52 8 Mt' =6.28 9 Mt' =6.55

Conclusion: Respondents with higher or equal

satisfaction "now" compared to the "past", are happier than those with lower satisfaction regardless of expectations about the future.

Study	ABRAM 1972	<i>Page in Report:</i>	21
<i>Reported in:</i>	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.		
<i>Population:</i>	15+ aged, general public, Britain, 1971		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	213		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Difference in scores on questions on satisfaction with life now, and 5 years ago. Each rated on an 11-point self-anchoring scale (Cantril, 1965)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/c/sq/l/11/b	r=+.62	

Study	ABRAM 1972	<i>Page in Report:</i>	21
<i>Reported in:</i>	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.		
<i>Population:</i>	15+ aged, general public, Britain, 1971		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	213		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Closed question on satisfaction now compared with 4 or 5 years ago
lot less / little less / same / little more / lot more

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/c/sq/l/11/b	r=+.40	

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Difference in response to the following questions:
 1. "Where was your life most of the time during the past year?"
 2. "Where was your life five years ago?"
 Both rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.37	
O-DT/u/sq/v/7/a	mr=+.18	HAP 4.1 asked twice: at the beginning of the interview: r=+.17 at the end of the interview: r=+.18
O-DT/u/sq/v/7/a	r=+.19	
O-GBB/u/sq/c/9/a	r=+.15	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Difference in response to two questions:
 1. "Where was your life most of the time during the past year?"
 2. "Where was your life five years ago?"
 Rated on a 9-point graphic scale ranging from best life (9) to worst life (0). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.40	
O-DT/u/sq/v/7/a	mr=+.20	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.20 HAP 4.1 asked second: r=+.20 HAP 4.1 asked third : r=+.20
O-GBB/u/sq/c/9/a	r=+.10	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=+.20	
O-SLW/u/sq/f/7/a	r=+.20	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Difference in response to two single direct questions:
 1. "Where on the ladder was your best week in the past year - on which rung would you put it?"
 2. "Where on the ladder was your worst week during the past year - on which rung?"
 Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=-.10	
O-BW/cy/sq/l/9/a	r=-.00	
O-DT/u/sq/v/7/a	mr=-.00	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.00 HAP 4.1 asked second: r=-.00 HAP 4.1 asked third : r=-.00
O-GBB/u/sq/c/9/a	r=-.00	
O-HL/c/sq/v/3/aa	r=+.10	
O-HL/u/sq/v/7/b	r=-.00	
O-SLW/u/sq/f/7/a	r=-.00	

Study	BORTN 1970	<i>Page in Report:</i>	44
<i>Reported in:</i>	Bortner, R.W. & Hultsch, D.F. A multivariate analysis of correlates of life satisfaction in adulthood Journal of Gerontology, 1970, vol. 25, p. 41-47		
<i>Population:</i>	21+ aged, general public, USA 1959		
<i>Sample:</i>			
<i>Non-Response:</i>	9%		
<i>N:</i>	1406		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Difference in scores on questions on satisfaction with life now, and 5 years ago (Cantril present and past personal ratings; see CANTR, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-RG/h/sq/l/11/a	r=+.16	
O-BW/c/sq/l/11/a	r=+.24	
O-SLu/c/sq/l/11/a	r=+.45	

Study	GORMA 1971	<i>Page in Report:</i>	215-216
<i>Reported in:</i>	Gorman, B.S. A multivariate study of the relationship of cognitive control and cognitive style Unpublished doctoral dissertation, 1971, City University of New York, USA		
<i>Population:</i>	Undergraduate students, Nassau Community College, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	4%, 3% refusal, 1% incomplete information		
<i>N:</i>	67		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Actual differences in scores on questions on satisfaction with life now, and 5 years ago (Cantril present and past personal ratings; see Cantril, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.03 ns	
O-BW/c/sq/l/11/b	r=+.09 ns	See also "Perceived past happiness" (H 1.4.1)

Study	HEADE 1986	<i>Page in Report:</i>	21
<i>Reported in:</i>	Headey, B.; Wearing, A. Chains of well-being, chains of ill-being: An Australian Panel Study, 1981-1985 Paper presented at Conference of the International Sociological Association , Quality of Life Panel, New Delhi, 18-24 August, 1986		
<i>Population:</i>	18-65 aged, general public, Victoria, Australia, followed from 1981 to 1985 in two 24 months periods		
<i>Sample:</i>	Probability stratified sample		
<i>Non-Response:</i>	0		
<i>N:</i>	942		

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Happiness was measured by asking twice in the interview:

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

Scored on a 1-7 DT rating scale, taking the arithmetic mean

Measured Values:

Error Estimates:

Remarks: Happiness was assessed at 1981, 1983 and 1985

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-DT/u/sqrt(v/7/a	r=+.63	Happiness at T1 by Happiness at T2 (24 months)
	r=+.56	Happiness at T2 by Happiness at T3 (24 months)
	r=+.43	Happiness at T1 by Happiness at T3 (48 months)

Study	NEAR 1978	<i>Page in Report:</i>	251
<i>Reported in:</i>	Near, J.P., Rice, R.W. & Hunt, R.G. Work and extra-work correlates of life and job satisfaction Academy of management Journal, vol.21, 1978, p. 248-264		
<i>Population:</i>	Adult, general public, Western New York State, USA, 1975		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	384		

Measured Correlate

Class: . long term change Code: H 5.1.2.2

Measurement: 'Over your lifetime, has the quality of your life: improved/
stayed the same/ gotten worse'

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/c/sq/v/5/d	r=+.31 p<.001	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

<i>Class:</i>	. perceived stability of feelings about life Code: H 5.1.2.3
<i>Measurement:</i>	Closed question on variability in feelings about life, rated on a 7-point scale: up and down and changing... even and steady and stays the same."
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.20	Index of positive affects: r=-.10 Index of negative affects: r=-.30
O-BW/cy/sq/l/9/a	r=+.10	
O-DT/u/sq/v/7/a	mr=+.17	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.20 HAP 4.1 asked second: r=+.20 HAP 4.1 asked third : r=+.10
O-GBB/u/sq/c/9/a	r=-.00	
O-HL/c/sq/v/3/aa	r=-.10	
O-HL/u/sq/v/7/b	r=+.10	
O-SLW/u/sq/f/7/a	r=+.10	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . perceived stability of feelings about life Code: H 5.1.2.3

Measurement: Closed question: "Please indicate how much your feelings about life as a whole change from month to month", rated on a 7-point scale, ranging from "my feelings about this never change" to "my feelings about this change a great deal".

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=-.30	Index of positive affects: r=-.20 Index of negative affects: r=+.20
O-BW/cy/sq/l/9/a	r=-.20	
O-DT/u/sq/v/7/a	mr=-.27	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.30 HAP 4.1 asked second: r=-.20 HAP 4.1 asked third : r=-.30
O-GBB/u/sq/c/9/a	r=-.20	
O-HL/c/sq/v/3/aa	r=+.20	
O-HL/u/sq/v/7/b	r=-.30	
O-SLW/u/sq/f/7/a	r=-.20	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . perceived stability of feelings about life Code: H 5.1.2.3

Measurement: Closed question on variability in feelings about life, rated on a 7-point scale: up and down and changing... even and steady and stays the same."

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-DT/u/sq/v/7/a	mr=+.17	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.20 HAP 4.1 asked second: r=+.20 HAP 4.1 asked third : r=+.10

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . perceived stability of feelings about life Code: H 5.1.2.3

Measurement: Closed question: "Please indicate how much your feelings about life as a whole change from month to month", rated on a 7-point scale, ranging from "my feelings about this never change" to "my feelings about this change a great deal".

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-DT/u/sq/v/7/a	mr=-.27	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.30 HAP 4.1 asked second: r=-.20 HAP 4.1 asked third : r=-.30

Study	KAMMA 1983/2	<i>Page in Report:</i>	75
<i>Reported in:</i>	Kammann, R.; Flett, R. Sourcebook for Measuring Well-being with Affectometer 2. Why Not? Foundation, Dunedin, New Zealand.		
<i>Population:</i>	18+ aged, general public, Dunedin, New Zealand, 1983		
<i>Sample:</i>			
<i>Non-Response:</i>	52%		
<i>N:</i>	112		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question how one felt during the instructed time period (or otherwise in the past few weeks):
"My future looks good"
Rated on a 5-point scale ranging from
'not at all' to 'all the time'

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BK/cm/mq/v/5/a	r=+.61 p<.01	
M-FH/c/sq/v/7/a	r=+.64 p<.01	

Study	KAMMA 1983/2	<i>Page in Report:</i>	74
<i>Reported in:</i>	Kammann, R.; Flett, R. Sourcebook for Measuring Well-being with Affectometer 2. Why Not? Foundation, Dunedin, New Zealand.		
<i>Population:</i>	18+ aged, general public, Dunedin, New Zealand, 1983		
<i>Sample:</i>			
<i>Non-Response:</i>	52%		
<i>N:</i>	112		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question how one felt during the instructed time period (or otherwise in the past few weeks):
"I feel as though the best years of my life are over"
Rated on a 5-point scale ranging from
'not at all' to 'all the time'

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BK/cm/mq/v/5/a	r=-.43 p<.01	
M-FH/c/sq/v/7/a	r=-.35 p<.01	

Study	LEISU 1980/1	<i>Page in Report:</i>	41/5
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values. Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo.		
<i>Population:</i>	18+ aged, general public, Australia, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1104		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.51 p<.01 tb=+.32 p<.01	
O-SLu/c/sq/v/5/a	G=+.52 p<.01 tb=+.31 p<.01	

Study	LEISU 1980/2	<i>Page in Report:</i>	99/103
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	Adult, general public, metropolitan areas Brazil, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1000		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.39 p<.01 tb=+.24 p<.01	
O-SLu/c/sq/v/5/a	G=+.34 p<.01 tb=+.22 p<.01	

Study	LEISU 1980/3	<i>Page in Report:</i>	157/161
<i>Reported in:</i>	The Leisure Development Center. A 13 country survey of values Table book for the 1980 International Conference on Human Values, The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, Canada, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1012		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.19 p<.01 tb=+.11 p<.01	
O-SLu/c/sq/v/5/a	G=+.53 p<.01 tb=+.32 p<.01	

Study	LEISU 1980/4	<i>Page in Report:</i>	215/9
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, France, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>			

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.30 p<.01 tb=+.21 p<.01	
O-SLu/c/sq/v/5/a	G=+.17 p<.01 tb=+.12 p<.01	

Study	LEISU 1980/5	<i>Page in Report:</i>	273/7
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo.		
<i>Population:</i>	18+ aged, general public, India, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1000		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.50 p<.01 tb=+.35 p<.01	
O-SLu/c/sq/v/5/a	G=+.51 p<.01 tb=+.34 p<.01	

Study	LEISU 1980/6	<i>Page in Report:</i>	331/5
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, Italy, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1042		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.36 p<.01 tb=+.25 p<.01	
O-SLu/c/sq/v/5/a	G=+.32 p<.01 tb=+.22 p<.01	

Study	LEISU 1980/7	<i>Page in Report:</i>	389/93
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, Japan, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1574		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.50 p<.01 tb=+.34 p<.01	
O-SLu/c/sq/v/5/a	G=+.49 p<.01 tb=+.33 p<.01	

Study	LEISU 1980/8	<i>Page in Report:</i>	447/51
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, Phillippines, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	996		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.26 p<.01 tb=+.16 p<.01	
O-SLu/c/sq/v/5/a	G=+.31 p<.01 tb=+.20 p<.01	

Study	LEISU 1980/9	<i>Page in Report:</i>	505/9
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, Singapore, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1006		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.56 p<.01 tb=+.26 p<.01	
O-SLu/c/sq/v/5/a	G=+.53 p<.01 tb=+.24 p<.01	

Study	LEISU1980/10	<i>Page in Report:</i>	563/7
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, urban areas, South Korea, 1972		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	997		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.32 p<.01 tb=+.18 p<.01	
O-SLu/c/sq/v/5/a	G=+.29 p<.01 tb=+.17 p<.01	

Study	LEISU1980/11	<i>Page in Report:</i>	621/5
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, United Kingdom, 1972		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	987		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.53 p<.01 tb=+.35 p<.01	
O-SLu/c/sq/v/5/a	G=+.53 p<.01 tb=+.34 p<.01	

Study	LEISU1980/12	<i>Page in Report:</i>	679/83
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, USA, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1127		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.54 p<.01 tb=+.33 p<.01	
O-SLu/c/sq/v/5/a	G=+.60 p<.01 tb=+.37 p<.01	

Study	LEISU1980/13	<i>Page in Report:</i>	737/41
<i>Reported in:</i>	The Leisure Development Center, 1980 A 13 country survey of values Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo		
<i>Population:</i>	18+ aged, general public, West Germany, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1020		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
 1. not hopeful at all
 2. fairly hopeless
 3. neither hopeful nor hopeless
 4. fairly hopeful
 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/e	G=+.64 p<.01 tb=+.41 p<.01	
O-SLu/c/sq/v/5/a	G=+.56 p<.01 tb=+.35 p<.01	

Study	PEIL 1984	<i>Page in Report:</i>	372
<i>Reported in:</i>	Peil,M. African urban life: components of satisfaction in Sierra Leone Social Indicators Research, Vol 14, 1984, pp.363-384.		
<i>Population:</i>	Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981		
<i>Sample:</i>			
<i>Non-Response:</i>	5% (on some items up to 60%)		
<i>N:</i>	640		

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Direct question: "Will your life be disappointing/rewarding, enjoyable/miserable, or in between?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/u/sq/l/7/a	r=+	Mal es : r = +. 52 Femal es: r = +. 46

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: Single closed question: "Where do you expect your life to be five years from now?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.48	
O-DT/u/sq/v/7/a	mr=+.42	HAPP 3.1a asked twice: at the beginning of the interview: r=+.42 at the end of the interview: r=+.42
O-DT/u/sq/v/7/a	r=+.45	
O-GBB/u/sq/c/9/a	r=+.42	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: Single closed question rated on a graphic scale: "Where do you expect your life to be five years from now?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.40	
O-DT/u/sq/v/7/a	mr=+.37	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.40 HAP 4.1 asked second: r=+.40 HAP 4.1 asked third : r=+.30
O-GBB/u/sq/c/9/a	r=+.30	
O-HL/c/sq/v/3/aa	r=-.30	
O-HL/u/sq/v/7/b	r=+.30	
O-SLW/u/sq/f/7/a	r=+.40	

Study	BORTN 1970	<i>Page in Report:</i>	44
<i>Reported in:</i>	Bortner, R.W. & Hultsch, D.F. A multivariate analysis of correlates of life satisfaction in adulthood Journal of Gerontology, 1970, vol. 25, p. 41-47		
<i>Population:</i>	21+ aged, general public, USA 1959		
<i>Sample:</i>			
<i>Non-Response:</i>	9%		
<i>N:</i>	1406		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: Closed question rated on an 11-point self-anchoring scale (Cantril future personal ratings; see CANTR, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-RG/h/sq/l/11/a	r=+.27	
O-BW/c/sq/l/11/a	r=+.58	
O-SLu/c/sq/l/11/a	r=+.28	

Study	GORMA 1971	<i>Page in Report:</i>	215-216
<i>Reported in:</i>	Gorman, B.S. A multivariate study of the relationship of cognitive control and cognitive style Unpublished doctoral dissertation, 1971, City University of New York, USA		
<i>Population:</i>	Undergraduate students, Nassau Community College, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	4%, 3% refusal, 1% incomplete information		
<i>N:</i>	67		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: Closed question rated on an 11-point self-anchoring scale (Control past personal rating).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.23 ns	
O-BW/c/sq/l/11/b	r=+.44 p<. 01	

Study	HALMA 1987	<i>Page in Report:</i>
<i>Reported in:</i>	Halman, L., Heunks, F., de Moor, R. and Zanders, H. Traditie, secularisatie en individualisering. A study into the values of the Dutch in a Tilburg University Press, Tilburg, The Netherlands, 187-215 283-325 and 368-379	
<i>Population:</i>	18+ aged, general public, EU nations, 1981	
<i>Sample:</i>		
<i>Non-Response:</i>		
<i>N:</i>	12464	

Measured Correlate

<i>Class:</i>	. in the near future (up to 5 years) Code: H 5.1.3.1
<i>Measurement:</i>	Direct question, rated on a 10 point scale (higher numbers indicating higher expected satisfaction): "How satisfied or dissatisfied you think you'll be 5 years from now?".
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/4/a	Beta=+.2	France
	Beta=+.2	Great-Bri tai n
	Beta=+.1	West Germany
	Beta=<.1	I tal y
	Beta=<.1	Netherl ands
	Beta=+.1	Denmark
	Beta=+.1	Bel gi um
	Beta=<.1	Spai n
	Beta=+.1	I rel and
	Beta=+.2	Northern I rel and

	Beta=+.1	EC	
			β controlled for: life satisfaction(HAPP 2.1), affect(AFF 2.3); satisfaction with health, income and family life; age, income, education, marital status, male sex, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past; tolerance, loneliness, misanthropy, hopeless about life and sense of control.
O-SLW/c/sq/n/10/aa	Beta=+.4	France	
	Beta=+.3	Great-Britain	
	Beta=+.3	West Germany	
	Beta=+.4	Italy	
	Beta=+.3	Netherlands	
	Beta=+.3	Denmark	
	Beta=+.4	Belgium	
	Beta=+.3	Spain	
	Beta=+.4	Ireland	
	Beta=+.5	Northern Ireland	
	Beta=+.3	EC	
			β 's controlled for: happiness(HAPP 1.1), affect(AFF 2.3); satisfaction with health, income and family life; age, income, education, marital status, having children, male sex, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past; tolerance, loneliness, misanthropy, hopeless about life and sense of control.

Study	MOLNA 1985	<i>Page in Report:</i>	150
<i>Reported in:</i>	Molnar, J.J. Determinants of subjective well-being among farm operators: characteristics of the Rural Sociology, Vol 50, 1985, pp. 141-162		
<i>Population:</i>	Farm operators, Alabama, USA, 1981		
<i>Sample:</i>			
<i>Non-Response:</i>	29,9%		
<i>N:</i>	705		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: Single direct question 'Where do you expect your life to be five years from now?'. Rated on a 9-point ladder scale ranging from 'worst' to 'best I could expect'. (Cantril 1965)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.46 p<.05	
	r=+.46 p<..05	

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

Measured Correlate

<i>Class:</i>	. in the near future (up to 5 years) Code: H 5.1.3.1
<i>Measurement:</i>	Question: 'What do you think how satisfied will you with your life over 5 years ?' 0 very unsatisfied 10 very satisfied
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/4/b	SNR=	eta G r β
		1978 +. 42 +. 57 +. 41 +. 37 1980 +. 38 +. 49 +. 37 +. 35 1984 +. 40 +. 53 +. 38 +. 39 1988 +. 37 +. 49 +. 35 +. 33
		β 's controlled for age, gender, perceived class and marital status.
O-SLW/c/sq/n/11/b	SNR=	eta G r β
		1978 +. 75 +. 80 +. 73 +. 74 1980 +. 68 +. 69 +. 67 +. 69 1984 +. 70 +. 73 +. 69 +. 69 1988 +. 70 +. 76 +. 69 +. 70
		β 's controlled for age, gender, perceived class and marital status.

Study	MATLI 1979	<i>Page in Report:</i>	412
<i>Reported in:</i>	Matlin M.W. & Gavron V.J. Individual Differences in Pollyannaism Journal of Personality Assessment, 1979, Vol.43, p411-412		
<i>Population:</i>	University students white, middle-class, State University of New-York, USA, 197?		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	133		

Measured Correlate

Class: Expected change in happiness (period unspecified) Code: H 5.1.4

Measurement: Difference between self-ratings of "future happiness" and "present happiness" on Cantril's Ladder of Life Scale. (see CANTR 1965)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/c/sq/l/11/a	r=-.23 p<.s	
O-H??/sq/?/0/a	r= ns	

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Difference in response to two questions 1. "Where was your life five years ago?"
2. "Where do you expect your life to be five years from now?"
Both rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=+.04	
O-DT/u/sq/v/7/a	mr=+.13	HAP 4.1 asked twice: at the beginning of the interview: r=+.11 at the end of the interview: r=+.14
O-DT/u/sq/v/7/a	r=+.13	
O-GBB/u/sq/c/9/a	r=+.05	

Study	ANDRE 1976/4	<i>Page in Report:</i>	78
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3		
<i>Sample:</i>			
<i>Non-Response:</i>	26%		
<i>N:</i>	1433		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Difference in response to two identical questions asked twice in the interview:
"Where do you expect your life to be five years from now?"
Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/cy/sq/l/9/a	r=-.41	
O-DT/u/sq/v/7/a	mr=-.03	HAP 4.1 asked twice: at the beginning of the interview: r=-.04 at the end of the interview: r=-.01
O-DT/u/sq/v/7/a	r=-.03	
O-GBB/u/sq/c/9/a	r=-.10	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Difference in response to two single direct questions:
 1. "Where do you expect your life to be five years from now?"
 2. "Where was your life most of the time during the past year?"
 Rated on a 9-point graphic scale ranging from best life (9) to worst life (0). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.00	
O-BW/cy/sq/l/9/a	r=-.50	
O-DT/u/sq/v/7/a	mr=-.07	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.00 HAP 4.1 asked second: r=-.10 HAP 4.1 asked third : r=-.10
O-GBB/u/sq/c/9/a	r=-.10	
O-HL/c/sq/v/3/aa	r=-.00	
O-HL/u/sq/v/7/b	r=+.20	
O-SLW/u/sq/f/7/a	r=-.00	

Study	ANDRE 1976/5	<i>Page in Report:</i>	92
<i>Reported in:</i>	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA		
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/7		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	222		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Difference in response to two questions:
 1. "Where was your life five years ago?"
 2. "Where do you expect your life to be five years from now?"
 Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.00	
O-DT/u/sq/v/7/a	mr=+.07	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.10 HAP 4.1 asked second: r=+.10 HAP 4.1 asked third : r=+.00
O-GBB/u/sq/c/9/a	r=-.00	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=+.10	
O-SLW/u/sq/f/7/a	r=+.10	

Study	BORTN 1970	<i>Page in Report:</i>	44
<i>Reported in:</i>	Bortner, R.W. & Hultsch, D.F. A multivariate analysis of correlates of life satisfaction in adulthood Journal of Gerontology, 1970, vol. 25, p. 41-47		
<i>Population:</i>	21+ aged, general public, USA 1959		
<i>Sample:</i>			
<i>Non-Response:</i>	9%		
<i>N:</i>	1406		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Difference in scores on questions on satisfaction with life now, and expected satisfaction 5 years from now (Cantril present and future personal ratings: see CANTR, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-RG/h/sq/l/11/a	r=+.04	
O-BW/c/sq/l/11/a	r=+.08	
O-SLu/c/sq/l/11/a	r=+.10	

Study	COHEN 1982	<i>Page in Report:</i>	384
<i>Reported in:</i>	Cohen, P.; Struening, E.L.; Muhlin, G.,L.; Genevie, L.,E; et al Community stressors, mediating conditions and wellbeing in urban neighborhoods. Journal of Community Psychology, vol 10, 1982, p 377-391.		
<i>Population:</i>	18-55 aged, general public, New York City, 1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	602		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Difference between:
 - expected happiness 5 years from now
 - retrospective happiness 5 years ago
 Both rated on Cantril 11-step ladder scale, ranging from best (10) to worst possible life (0).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BC/cm/mq/v/4/a	r=+.19 p<.01	

Study	GORMA 1971	<i>Page in Report:</i>	215-216
<i>Reported in:</i>	Gorman, B.S. A multivariate study of the relationship of cognitive control and cognitive style Unpublished doctoral dissertation, 1971, City University of New York, USA		
<i>Population:</i>	Undergraduate students, Nassau Community College, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	4%, 3% refusal, 1% incomplete information		
<i>N:</i>	67		

Measured Correlate

<i>Class:</i>	. in the near future (up to 5 years) Code: H 5.1.4.1
<i>Measurement:</i>	Actual difference in scores on ques- tions on satisfaction with life 5 years ago, and expected satisfacti on 5 years from now (Cantril past and future per- sonal ratiangs; see Cantril, 1965).
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.11 ns	For past and future personal ratings see resp. under 'Percei ved Past Happi ness' (H 1. 4. 1) and under 'Future Happi ness' (H 1. 5).
O-BW/c/sq/l/11/b	r=-.06 ns	For past and future personal ratings see resp. under "Percei ved Past Happi ness" (H 1. 4. 1) and under "Future Happi ness" (H 1. 5).

Study	GORMA 1971	<i>Page in Report:</i>	215-216
<i>Reported in:</i>	Gorman, B.S. A multivariate study of the relationship of cognitive control and cognitive style Unpublished doctoral dissertation, 1971, City University of New York, USA		
<i>Population:</i>	Undergraduate students, Nassau Community College, USA, 1970		
<i>Sample:</i>			
<i>Non-Response:</i>	4%, 3% refusal, 1% incomplete information		
<i>N:</i>	67		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Actual difference in scores on questions on satisfaction with life now, and expected satisfaction 5 years from now (Cantril present and future personal ratings; see Cantril 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=-.11 ns	See also second instrument in excerpt (Part II), and under 'Future Happiness' (Part III, H 1.5).
O-BW/c/sq/l/11/b	r=-.74 p<.01	See also under "Future Happiness" (H 1.5)

Study	MICHA 1983	<i>Page in Report:</i>	238
<i>Reported in:</i>	Michalos,A.C. Satisfaction and happiness in a rural northern resource community Social Indicators Research, 1983, vol.13, p.225-252		
<i>Population:</i>	18+ aged, rural community, N.Ontario, Canada, 1982		
<i>Sample:</i>			
<i>Non-Response:</i>	8%		
<i>N:</i>	598		

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Closed question: "All things considered, do you expect the next five years to be extremely worse than the last five years?"
Question rated on a 7-point scale, ranging from extremely worse(1) to extremely better(7).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-RG/u/sq/v/7/b	r=+.23 Beta=+.0	β controlled for life compared with best previous experience and that of average folks
O-DT/c/sq/v/7/aa	r=+.30 Beta=+.0	β controlled for best previous experience, comparison with average folks and goal achievement (CON 1.1)
O-HL/u/sq/v/7/a	r=+.31 Beta=+.1	β controlled for life compared with best previous experience, average folks and goal achievement (CON 1.1)

Study	GONZA 1967	<i>Page in Report:</i>	75
<i>Reported in:</i>	González, J.R. Study of student teachers' life adjustment. Unpublished doctoral dissertation, 1967, University of North Carolina, Chapel Hill, USA.		
<i>Population:</i>	Students teachers, University of California, USA, 1967		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	75		

Measured Correlate

Class: . in the long run Code: H 5.1.4.2

Measurement: Closed question on anticipation of happiness 5 or 10 years from now, compared with present life. Less happy / about the same / happier

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/c	G=-.43 p<.05	G' based on proportion very happy (vs not very happy).

Study	GURIN 1960	<i>Page in Report:</i>	34
<i>Reported in:</i>	Gurin, G., Veroff, J. & Feld, S. Americans view their mental health. A nation wide interview survey. Basic Books Inc. 1960, New York, USA		
<i>Population:</i>	21+ aged, general public, non-institutionalized, USA,1957		
<i>Sample:</i>			
<i>Non-Response:</i>	13%; 5% not at home, 8% refusals		
<i>N:</i>	2460		

Measured Correlate

Class: . in the long run Code: H 5.1.4.2

Measurement: Closed question on anticipation of happiness 5 or 10 years from now, compared with present life. Less happy / about the same / happier.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/3/aa	G=+.16 p<.01	Unaffected by age.

Study	VEROF 1962	<i>Page in Report:</i>	196
<i>Reported in:</i>	Veroff, J., Feld, S. & Gurin, G. Dimensions of subjective adjustment. Journal of Abnormal and Social Psychology, 1962, vol. 64, p. 192 - 205.		
<i>Population:</i>	21+ aged, married, with children, USA, 1957		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	797		

Measured Correlate

Class: . in the long run Code: H 5.1.4.2

Measurement: Closed question on anticipation of happiness 5 or 10 years from now, compared with present life: not as happy / about the same / happier.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	tb= ns	Males : $_b = +.04$ (ns) Females : $_b = -.04$ (ns)

Study	VEROF 1981	<i>Page in Report:</i>	52
<i>Reported in:</i>	Veroff, J.; Douvan, E.; Kulka, R.A. The Inner American, A Self-portrait from 1957 to 1976 Basic Books, 1981, New York, USA		
<i>Population:</i>	21 aged, general public, non-institutionalized, USA, 1976		
<i>Sample:</i>			
<i>Non-Response:</i>	29%		
<i>N:</i>	2264		

Measured Correlate

Class: . in the long run Code: H 5.1.4.2

Measurement: Compared to your life today, how do you think things will 5 or 10 years from now?
 - Happier
 - About the same
 - Less happy
 - Don't know - won't be here
 - Not ascertained

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>		
O-HL/c/sq/v/3/aa	G=-.21 p<.01	1957		
	tc=-.13 p<.01			
	G=+.00 ns	1976		
	tc=+.00 ns			
	% very happy:	1957	1976	
	- Happier	43	38	
	- About the same	38	37	
	- Less happy	6	8	
	- Don't know - Won't be here	11	10	
	- Not ascertained	2	6	

Study	BERNO 1985	<i>Page in Report:</i>	30
<i>Reported in:</i>	Bernow, R Livskvaliteten i Sverige. (Lifequality in Sweden) Stockhold Läns Landstring, 1985, Stockholm, Sweden.		
<i>Population:</i>	18-70 aged, general public, Sweden., 1982		
<i>Sample:</i>			
<i>Non-Response:</i>	?		
<i>N:</i>	1558		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Retest after 3-4 weeks.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/c/sqt/v/7/a	r=+.57	

Study	BRADB 1965/2	<i>Page in Report:</i>	92
<i>Reported in:</i>	Bradburn, N.M. & Caplovitz, D. Reports on happiness Aldine Publishing Company, 1965, Chicago USA		
<i>Population:</i>	Adult, general public, 2 towns, prosperous and depressed, Illinois, USA, 1962/3 - 1962/10		
<i>Sample:</i>			
<i>Non-Response:</i>	?		
<i>N:</i>	547		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: 10 item index of specific affects in the past few weeks. (Bradburn Affect Balance Scale)

Assessed at T1 and T2
(8 month interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/e	r=+.41 p<.001	Negative Affect scale
	r= .36 p<.001	Positive Affect scale Turnover in full ABS not reported.

Study	BRADB 1965/2	<i>Page in Report:</i>	90
<i>Reported in:</i>	Bradburn, N.M. & Caplovitz, D. Reports on happiness Aldine Publishing Company, 1965, Chicago USA		
<i>Population:</i>	Adult, general public, 2 towns, prosperous and depressed, Illinois, USA, 1962/3 - 1962/10		
<i>Sample:</i>			
<i>Non-Response:</i>	?		
<i>N:</i>	547		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Single direct question: Taking all together, how happy would you say you are these days? Would you say you are very happy, pretty happy or not too happy?"

Assessed at T1 and T2
(8 month interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/3/aa	r=+.48 p<.00	Between T1 and T2 the Cuban missile-crisis took place.

Study	BRADB 1969	<i>Page in Report:</i>	86
<i>Reported in:</i>	Bradburn, N.M. The structure of psychological well-being Aldine Publishing Company, 1969, Chicago, USA		
<i>Population:</i>	21-60 aged, general public, urban areas, USA, 1963 - 64		
<i>Sample:</i>			
<i>Non-Response:</i>	± 20%, Attrition ± 30%		
<i>N:</i>	2787		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Single direct question: Taking all things together. How happy would you say you are: Would you say you are;
- very happy (3)
- pretty happy (2)
- not too happy (1)
(HAPP 1.1)

Assessed at
T1: January 1963
T3: Oktober 1963

Measured Values:

Error Estimates:

Remarks: CHANGE in overall happiness (HAPP 1.1) by
CHANGE in hedonic level of affect (AFF 2.3)

Hedonic level of affect assessed at T1, T2 and T3.

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	DMr=+ p<.05	Hedonic level of affect in average ridits (RT): TO CHANGE in overall happiness (HAPP 1.1) by CHANGE in hedonic level of affect (AFF 2.3) T1 happiness - very .51 .44 .19 (05) - pretty .51 .51 .33 (05) - not too .66 .60 .44 (05) (05) (05) (05)

DMr=+	p<.05	Change in happi ness	T1-T2	T2-T3	T3-T4
		- i ncrease	.69	.58	.66
		- stable	.52	.46	.45
		- decrease	.42	.38	.38

Ridit analysis compares distribution in category with distribution in total sample RT above .50 means relative high level, RT below .50 relative low level.

Study	CRNIC 1984	<i>Page in Report:</i>
<i>Reported in:</i>	K.A. Crnic, M.T. Greenberg, N.M. Robinson, A.S. Ragozin Maternal stress and social support: effects on the mother- infant relationship from American Journal of Orthopsychiatric, vol. 2, 1984, pp. 224-235	
<i>Population:</i>	Mother-child pairs, followed 18 months after birth, USA, 1981-82	
<i>Sample:</i>		
<i>Non-Response:</i>	Attrition at T2: 10%, at T3: 14%	
<i>N:</i>	105	

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: T1: 1 month after birth of child
T2: 8 months after birth of child
T3: 18 months after birth of child

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-QLS/c/sq/v/5/a	r=+.61	T1 happiness by T2 happiness
	r=+.51	T1 happiness by T3 happiness

Study	FUGL 1991	<i>Page in Report:</i>
<i>Reported in:</i>	Fugl-Meyer, A.R. , Eklund, M. & Fugl-Meyer, K.S. Vocational rehabilitation in Northern Sweden; Aspects of life satisfaction. Eklund,M.: On vocational rehabilitation in Northern Sweden, Diss. Univ.of Umea, 1991, pp 87-95.	
<i>Population:</i>	Handicapped referred for vocational rehabilitation, followed 2 years, Umea, Sweden, 198?	
<i>Sample:</i>	Non-probability chunk sample	
<i>Non-Response:</i>		
<i>N:</i>	T1:149 ; T2: 126	

Measured Correlate

<i>Class:</i>	. recent happiness (< 1 year ago) Code: H 5.2.1.1
<i>Measurement:</i>	Retest after 2 months
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	N = 53: randomly selected from sample at follow-up (N = 126)

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/u/sq/v/6/a	rs=+.66 p<.001	N = 53: randomly selected from sample at follow-up (N = 126)

Study	GEHMA 1988	<i>Page in Report:</i>	54
<i>Reported in:</i>	Gehmacher, E. Wohlbefinden und Lebensqualität (Feeling well and Quality of Life) in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institut Stadtforschung		
<i>Population:</i>	Adults, followed 6 months, Austria, 198?		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>			

Measured Correlate

<i>Class:</i>	. recent happiness (< 1 year ago) Code: H 5.2.1.1		
<i>Measurement:</i>	Retest after 6 month		
<i>Measured Values:</i>			
<i>Error Estimates:</i>			
<i>Remarks:</i>			

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
M-FH/cm/sq/v/5/a	r=+.34	

Study	GEHMA 1988	<i>Page in Report:</i>	54
<i>Reported in:</i>	Gehmacher, E. Wohlbefinden und Lebensqualität (Feeling well and Quality of Life) in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institut Stadtforschung		
<i>Population:</i>	Adults, followed 6 months, Austria, 198?		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>			

Measured Correlate

<i>Class:</i>	. recent happiness (< 1 year ago) Code: H 5.2.1.1
<i>Measurement:</i>	Retest after 6 month
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CA/mh/ri/?/0/a	r=+.29	

Study	GEHMA 1988	<i>Page in Report:</i>	45
<i>Reported in:</i>	Gehmacher, E. Wohlbefinden und Lebensqualität (Feeling well and Quality of Life) in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institut Stadtforschung		
<i>Population:</i>	Adults, followed 6 months, Austria, 198?		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>			

Measured Correlate

<i>Class:</i>	. recent happiness (< 1 year ago) Code: H 5.2.1.1
<i>Measurement:</i>	Retest after 6 month
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/u/sq/n/5/b	r=+.44	

Study	GEHMA 1988	<i>Page in Report:</i>	54
<i>Reported in:</i>	Gehmacher, E. Wohlbefinden und Lebensqualität (Feeling well and Quality of Life) in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institut Stadtforschung		
<i>Population:</i>	Adults, followed 6 months, Austria, 198?		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>			

Measured Correlate

<i>Class:</i>	. recent happiness (< 1 year ago) Code: H 5.2.1.1
<i>Measurement:</i>	Retest after 6 month
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
M-AO/u/mq*/0/a	r=+.70	

Study	KOZMA 1980/2	<i>Page in Report:</i>	911
<i>Reported in:</i>	Kozma, A. & Stones, M.J. The measurement of happiness: Development of the Memorial University of New Journal of Gerontology, 1980, vol 80, page 906-912		
<i>Population:</i>	Eldery, living in old age home, New Foundland, Canada, 197?		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	55		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: 2 item index (AVHT) of direct questions, scored on 7 point scales:
 a. happiness 'at this moment of time'
 (AVH)
 b. happiness 'over the past month'
 (AVH30)
 (MIX 1.2; precise items not reported)
 Assessed with 6 to 12 month interval

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
M-FH/c/mq/?/7/a	r=+.57	

Study	KOZMA 1980/2	<i>Page in Report:</i>	911
<i>Reported in:</i>	Kozma, A. & Stones, M.J. The measurement of happiness: Development of the Memorial University of New Journal of Gerontology, 1980, vol 80, page 906-912		
<i>Population:</i>	Eldery, living in old age home, New Foundland, Canada, 197?		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	55		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: 10 item index of specific affects in the past few weeks
(Bradburn's Affect Balance Scale, ABS)
(AFF 2, 3)

Assessed with 6 to 12 month interval

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.27	

Study	LICHT 1980/1	<i>Page in Report:</i>	60
<i>Reported in:</i>	Lichter.S, Haye.K & Kamman.R Increasing happiness through cognitive retraining New Zealand Psychologist, 1980, vol.9, p.57-64		
<i>Population:</i>	Adults, trainees and controls, followed 10 weeks, Dunedin, New Zealand, 1978		
<i>Sample:</i>			
<i>Non-Response:</i>	15%		
<i>N:</i>	23		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Happiness assessed at T1 by affectometer 1 short form, T2 (T1+ 4 weeks) and T3 (T1+ 10 weeks)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BK/cm/mq/v/5/b	r=+.95 p<.01	T1 happiness by T2 happiness
	r=+.94 p<.01	T1 happiness by T3 happiness Control group, only (N=13)

Study	MOUM 1988	<i>Page in Report:</i>	134
<i>Reported in:</i>	Moum, T. Yea-saying and mood-of-the day effects in self-reported quality of life Social Indicators Research vol.20, 1988, p.117-139		
<i>Population:</i>	Adult, general public, county, followed 2 years, Norway, 1984-86		
<i>Sample:</i>			
<i>Non-Response:</i>	20%		
<i>N:</i>	622		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Happiness assessed at three points in time. The intervals varied from several days to several months.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLu/c/sq/n/7/a	r=+.69	T2 happiness by T1 happiness females: young +.73 old +.45 males : young +.76 old +.66
	r=+.57	T3 happiness by T1 happiness females: young +.43 old +.47 males : young +.59 old +.55
	r=+.54	T3 happiness by T2 happiness females: young +.51 old +.43 males : young +.65 old +.55

Study	NOELL 1977/6	<i>Page in Report:</i>
<i>Reported in:</i>	Noelle-Neumann, E. Politik und Glück (Politics and happiness) H. Baier (ed.) Freiheit und Sachzwang, Westdeutscher Verlag, Opladen, 1977, 208 - 262	
<i>Population:</i>	Carowners, followed 1 year, West-Germany, 1976-77	
<i>Sample:</i>		
<i>Non-Response:</i>		
<i>N:</i>	1084	

Measured Correlate

<i>Class:</i>	. recent happiness (< 1 year ago) Code: H 5.2.1.1
<i>Measurement:</i>	Interviewer rating of cheerful appearance on the following 8 aspects: look, mouth, posture, movements, eyes, elbos, lips and general cheerful appearance. (Allensbacher Ausdrücktest) AFF 5. 3. Assessed at T1 and T2 (6 month interval)
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CA/mh/ri/v/2/a	D%=+	<ul style="list-style-type: none"> - 78% identical ratings at T1 and T2 with the same interviewer. - 64% identical ratings at T1 and T2 with other interviewers.

Study	ORMEL 1980	<i>Page in Report:</i>	350
<i>Reported in:</i>	Ormel,H. Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life) Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.		
<i>Population:</i>	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77		
<i>Sample:</i>			
<i>Non-Response:</i>	18%		
<i>N:</i>	296		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: 4-item additive index of positive affects in the past few weeks (PA index from Bradburn's Affect Balance Scale: part of happiness indicator AFF 2.3). Assessed at T2(1976) and T3(1977).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/c	r=+.72 p<.01	T2 happiness by T2 positive affects
	r=+.32 p<.01	T3 happiness by T2 positive affects
	r=+.32 p<.01	T2 happiness by T3 positive affects
	r=+.74 p<.01	T3 happiness by T3 positive affects

Study	ORMEL 1980	<i>Page in Report:</i>	350
<i>Reported in:</i>	Ormel,H. Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life) Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.		
<i>Population:</i>	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77		
<i>Sample:</i>			
<i>Non-Response:</i>	18%		
<i>N:</i>	296		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Age at T1(1970):
16-29 (1)
30-44 (2)
45-59 (3)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/c	r=-.06 ns	T2 happiness by T1 age
	r=-.11 p<.05	T3 happiness by T1 age

Study	SEIDL 1993/3	<i>Page in Report:</i>	661
<i>Reported in:</i>	Seidlitz, L. and Diener E. Memory for positive versus negative life events: Theories for the differences Journal of Personality and Social Psychology, 1993, vol. 64, no 4, p. 654-664		
<i>Population:</i>	Psychology students, selected for earlier happiness, followed 11 month, USA, 1990-91		
<i>Sample:</i>			
<i>Non-Response:</i>	Drop-out: T0-T1: 28%, T1-T2: 41%		
<i>N:</i>	54		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Fordyce's 'Happiness-Measure'; 4 item index of questions about how happy one generally feels (MIX 1.2)

Assessed at T1 and T2
(11 month interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-AOL/g/mq/*/0/a	r=+.77 p<.001	
	rpc=+.70	rpc controlled for T1 current mood
	rpc=+.71	rpc controlled for T2 current mood

Study	VERKL 1989	<i>Page in Report:</i>	88
<i>Reported in:</i>	Verkley, H. & Stolk, J. Does happiness lead into idleness? Veenhoven, R. (ed): "How Harmfull is happiness? Consequences of enjoying life or not", Universitaire Pers Rotterdam, 1989		
<i>Population:</i>	30-50 aged, in working force, followed 1 year, urban areas, Netherlands, 1983-84		
<i>Sample:</i>			
<i>Non-Response:</i>	T1-T2 attrition: 27%		
<i>N:</i>	1100		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: 10 item index of specific affects in the past few weeks
(Bradburn's Affect Balance Scale AFF 2.3)

Assessed at T1 and T2
(1 year interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.48 p<.001	

Study	WESSM 1966/2	<i>Page in Report:</i>	103
<i>Reported in:</i>	Wessman, A.E. & Ricks, D.F. Mood and personality Holt, 1966, New York, USA		
<i>Population:</i>	Male college students, followed 3 years, Harvard University, USA, 1957-60		
<i>Sample:</i>			
<i>Non-Response:</i>	37%: 9 dropouts, incomplete; about the same happiness distribution.		
<i>N:</i>	17		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Composite clinical rank order of happiness by 6 staff psychologists, based on two years of experience with the subjects (MIX 5).

Assessed 6 months earlier.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.71	Hedonic level (Elation-Depression Scale: AFF 3.1) scored each night for the highest, lowest and average of the day. Mean daily highest mood : r = +.44 Mean daily average mood : r = +.71 Mean daily lowest mood : r = +.63

Study	WESSM 1966/2	<i>Page in Report:</i>	104
<i>Reported in:</i>	Wessman, A.E. & Ricks, D.F. Mood and personality Holt, 1966, New York, USA		
<i>Population:</i>	Male college students, followed 3 years, Harvard University, USA, 1957-60		
<i>Sample:</i>			
<i>Non-Response:</i>	37%: 9 dropouts, incomplete; about the same happiness distribution.		
<i>N:</i>	17		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Clinical rank on 'happy - unhappy life story', stressing autobiographic reports and information for three years, concerning past life experiences up to the time of entering college (MIX 5).

Assessed 6 months later.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.48 p<. 05	Hedonic level (Elation-Depression Scale: AFF 3.1) scored each night for the highest, lowest and average of the day. Mean daily highest mood : r = +.42 Mean daily average mood : r = +.48 Mean daily lowest mood : r = +.34

Study	WESSM 1966/2	<i>Page in Report:</i>	104
<i>Reported in:</i>	Wessman, A.E. & Ricks, D.F. Mood and personality Holt, 1966, New York, USA		
<i>Population:</i>	Male college students, followed 3 years, Harvard University, USA, 1957-60		
<i>Sample:</i>			
<i>Non-Response:</i>	37%: 9 dropouts, incomplete; about the same happiness distribution.		
<i>N:</i>	17		

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Clinical rank on present happiness - unhappiness, stressing possible aware subjective feelings (MIX 5).

Assessed 6 months after assessment of hedonic level.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.76	Hedonic level (Elation-Depression Scale; AFF 3.1) scored each night for highest, lowest and average of the day. Mean daily highest mood : r = +.57 Mean daily average mood : r = +.76 Mean daily lowest mood : r = +.56

Study	ADAMS 1988	<i>Page in Report:</i>	35
<i>Reported in:</i>	Adams, R.G. Which comes first: Poor psychological well-being or decreased friendship activity? Activities, Adaptation and Aging, 1988, vol. 12, p.27-41		
<i>Population:</i>	62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84		
<i>Sample:</i>			
<i>Non-Response:</i>	Dropout : 27% due to incapacity, 13% refusal		
<i>N:</i>	70 (T1), 42 (T2)		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Bradburn Affect Balance Scale (see BRADB 1969) (AFF 2. 3)

Assessed at:

- T1: 1981
- T2: 1984

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.38 p<.05	T1 happi ness by T2 happi ness.

Study	BACHM 1970	<i>Page in Report:</i>
<i>Reported in:</i>	Bachman, J.G./Kahn, R.L./Mednick, M./Davidson, T.N. Youth in transition. Vol.II: The impact of family background on intelligence in 10th- Ann Arbor, Michigan, 1970, Institute for Social Research.	
<i>Population:</i>	Public highschool boys followed 3 years from grade 10, USA, 1966-69	
<i>Sample:</i>		
<i>Non-Response:</i>	2.8% incomplete information in 1966	
<i>N:</i>	T1:2213, T2: 1886, T3: 1799	

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Six item index of closed questions:
"Describe the kind of person you are.
1. I feel like smiling
2. I generally feel in good spirits
3. I feel happy
4. I am satisfied with life
5. I find a good deal of happiness in life
6. I feel sad"
Scored: almost always true, often true, sometimes true, seldom true, never true

Assessed at:
T1 Fall 1966
T2 Spring 1968
T3 Spring 1969

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HP/g/mq/v/5/a	r=+.63	T2 - T3 (12 month)
	r=+.54	T1 - T2 (18 months)
	r=+.47	T1 - T3 (30 months)

Study	BACHM 1978	<i>Page in Report:</i>	291
<i>Reported in:</i>	Bachman, J. G., O'Malley, P. M., Johnston, J. Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the lives Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978		
<i>Population:</i>	Public highschool boys followed 8 years from grade 10, USA, 1966-74		
<i>Sample:</i>			
<i>Non-Response:</i>	2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5		
<i>N:</i>	T1 - T5: 2213/1886/1799/ 1620/1628		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Six item index of closed questions:
"Describe the kind of person you are:
1 I feel like smiling
2 I generally feel in good spirits
3 I feel happy
4 I am satisfied with my life
5 I find a good deal of happiness in life
6 I feel sad"
Scored: Almost always true, often true, sometimes true, seldom true, never true

Assessed at:
T1 Fall 1966
T2 Spring 1968
T3 Spring 1969
T4 Spring 1970

Measured Values:

Error Estimates:

Remarks: Raw correlations provided by the author:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HP/g/mq/v/5/a	r=+.54 p<.001	T1-T2 1.5 yr
	r=+.45 p<.001	T1-T3 2.5 yr
	r=+.43 p<.001	T1-T4 3.5 yr

Raw correlations provided by the author:

$r=+.64$	$p<.001$	T2-T3	1	yr
$r=+.53$	$p<.001$	T2-T4	1	yr
$r=+.54$	$p<.001$	T3-T4	1	yr

Attenuated overtime correlations:

$r=+.75$	$p<.001$	T1-T2
$r=+.84$		T2-T3
$r=+.89$	$p<.001$	T3-T4

Estimated yearly stability:

$r=+.84$	$p<.001$	T1-T2
$r=+.84$	$p<.001$	T2-T3
$r=+.89$	$p<.001$	T3-T4

Study	BLOCK 1971/1	<i>Page in Report:</i>	302-307
<i>Reported in:</i>	Block, J. Lives through time Bancroft Books inc., 1971, Berkely, USA		
<i>Population:</i>	Highschool pupils, followed from age 11 to 35, USA, 1936-1957		
<i>Sample:</i>			
<i>Non-Response:</i>	65% dropout, 11% incomplete data		
<i>N:</i>	160		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Rating on the basis of interview-protocols by independent judges of cheerfulness as personality descriptive variable from most uncharacteristic to most characteristic of the subject. Rated on a scale ranging from 1 to 9.

Happiness assessed at:

T1: junior high school: age 11-14, ±1936

T2: senior high school: age 14-17, ±1942

T3: fourth decade: age 28-35, ±1957

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/rc/?/9/a	mr=+.54	T1 by T2 happiness: males: r=+. 57 (001) r corrected for attenuation =+. 75 females: r=+. 50 (001) r corrected for attenuation =+. 69 Females tend to become less happy between T1 and T2. The individual rankorder is largely maintained (conclusion based on corrected r).
	mr=+.31	T2 by T3 happiness: males: r=+. 26 (05) r corrected for attenuation =+. 34 females: r=+. 36 (001) r corrected for attenuation =+. 46 Females tend to become more happy between T2 and T3. The individual rankorder changes considerably (conclusion based on corrected r).

Study	BRADB 1969	<i>Page in Report:</i>	82
<i>Reported in:</i>	Bradburn, N.M. The structure of psychological well-being Aldine Publishing Company, 1969, Chicago, USA		
<i>Population:</i>	21-60 aged, general public, urban areas, USA, 1963 - 64		
<i>Sample:</i>			
<i>Non-Response:</i>	± 20%, Attrition ± 30%		
<i>N:</i>	2787		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: 10-item index of specific affects in the past few weeks
(Bradburns' Affect Balance Scale AFF 2.3)

Assessed at:

T1: January 1963

T2: June 1963

T3: Oktober 1963

T4: January 1964

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	DMr=	Data Detroit Suburban sample only (N=408). Happiness Level (Affect Balance) in average ridits. (RT) T1: RT=. 47 T2: RT=. 54 T3: RT=. 53 T4: RT=. 50 Only T1-T2 difference significant. Ridit analysis compares distribution in category with distribution in total sample RT above .50 means relative high level, RT below .50 relative low level.

Study	CHIRI 1982	<i>Page in Report:</i>	23
<i>Reported in:</i>	Chiriboga, D.A. Consistency in adult functioning: The influence of social stress Ageing and Society, vol.2 part 1, p.7-29		
<i>Population:</i>	People in transition followed 4 years, metropolis, USA, 1969-1980		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition after 11 years 24%		
<i>N:</i>	163 (in 1969:216)		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Happiness (HAPP 1.1) as assessed 11 years ago at T1 (1969).
Closed question rated on a 3-point scale: "In general how happy are
you these days?" Very happy: 1, pretty happy: 2, not too happy: 3
(order reversed).

Assessed at:
- T1 (1969)
- T5 (1980; 11 years interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/3/cb	r=+ ns	Mal es: r= +.03 ns Femal es: r= +.18 ns

Study	CHIRI 1989	Page in Report:	65
<i>Reported in:</i>	Chiriboga, D.A. Stress and loss in middle age Midlife loss: coping strategies (1989). Editor: Kalish, R.A.Publisher: Sage Publications, Inc.		
<i>Population:</i>	People in transition, followed 4 years, metropolis, USA, 1969-1980		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition after 11 years 24%		
<i>N:</i>	163 (in 1969 216)		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Affect Balance Score (AFF 3.2)
8-item index of specific affects (Bradburn 1969), scored "never", "once", "several times" or "often" during the past week.

Assessed at:

- T1 (1969)
- T2 (1972)
- T3 (1974)
- T4 (1976)
- T5 (1980; 11 years interval)

Measured Values:

Error Estimates:

Remarks: HIGH STRESS GROUP (N=21)

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cw/mq/v/4/d	r=+.38 p<.05	T1 happiness by T2 happiness -T1 positive affect by T2 pos. affect r=+. 53 (01) -T1 negative affect by T2 neg. affect r=+. 36 ns
	r=+.46 p<.05	T1 happiness by T3 happiness -T1 positive affect by T3 pos. affect r=+. 55 (01) -T1 negative affect by T3 neg. affect r=+. 34 ns
	r=+.57 p<.01	T1 happiness by T4 happiness -T1 positive affect by T4 pos. affect r=+. 44 (05) -T1 negative affect by T4 neg. affect r=+. 50 (01)

r=+.04 ns T1 happiness by T5 happiness
 -T1 positive affect by T5 pos. affect r=+.48 (01)
 -T1 negative affect by T5 neg. affect r=+.01 ns

LOW STRESS GROUP (N=51)

r=+.45 p<.01 T1 happiness by T2 happiness
 -T1 positive affect by T2 pos. affect r=+.30 (05)
 -T1 negative affect by T2 neg. affect r=+.39 (01)

r=+.37 p<.01 T1 happiness by T3 happiness
 -T1 positive affect by T3 pos. affect r=+.52 (01)
 -T1 negative affect by T3 neg. affect r=+.37 (01)

r=+.39 p<.01 T1 happiness by T4 happiness
 -T1 positive affect by T4 pos. affect r=+.55 (01)
 -T1 negative affect by T4 neg. affect r=+.48 (01)

r=+.26 p<.05 T1 happiness by T5 happiness
 -T1 positive affect by T5 pos. affect r=+.36 (01)
 -T1 negative affect by T4 neg. affect r=+.29 (05)

Stress measured by a 48-item list of burdening life events, similar to Holmes & Rahe(1967) and Horowitz(1976). Scores assessed at T3, T4 and T5 and added. Ss were then subdivided into groups with high stress (N=21) and low stress(N=51).

Study	COSTA 1981	<i>Page in Report:</i>	81
<i>Reported in:</i>	Costa,P.T., McCrae,R.R. & Morris,A.H. Personal adjustment to aging: Longitudinal prediction from neuroticism and Journal of Gerontology, vol.36(1981), p.78-85		
<i>Population:</i>	17-97 aged males, visitors of the Gerontology Research Centre, followed \pm 10 years Baltimore, USA. 1958-70		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition 79% at T3, mostly among psychologically least adjusted		
<i>N:</i>	557 at T1, 423 at T2, 117 at T3		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Single closed question: 'How do you feel about what you have
accomplished in life: well satisfied, reasonably satisfied or
dissatisfied ?'
Assessed at:
- T1 (1958-1963)
- T2 (1964-1969; mean interval 5.3 yr)
- T3 (1969-1975; mean interval 12.6 yr)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-A/h/sq/v/3/a	r=+.49	T1 by T2
	r=+.46	T1 by T3

Study	HEADE 1984	<i>Page in Report:</i>	211
<i>Reported in:</i>	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		
<i>Population:</i>	18-65 aged, general public, followed 3 years, Melbourne, Australia, 1979-80		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	184		

Measured Correlate

<i>Class:</i>	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
<i>Measurement:</i>	Affect Balance Score, 10 item index of closed questions on occurrence of specific positive or negative affects during the past few weeks. (AFF 2.3) Assessed at: - T1 (1978) - T2 (1981)
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	Beta=+.3	β controlled for: - Satisfaction with standard of living at T1 - Satisfaction with standard of living at T2

Study	HEADE 1989	Page in Report:	114
<i>Reported in:</i>	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		
<i>Population:</i>	18-65 aged, general public, followed 6 years, Melbourne, Australia, 1981-87		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition T1-T4: 31%		
<i>N:</i>	649		

Measured Correlate

<i>Class:</i>	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
<i>Measurement:</i>	Single direct question asked twice: "How do you feel about your life-as-a-whole?" Rated on a 9 point scale. 1: terrible to 9: delightful. Happiness assessed at: T1 (1981), T2 (1983), T3 (1985), T4 (1987)
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/u/sqrt(v/10/a)	$\beta_L = +.68$ $p < .05$	Current happiness by earlier happiness: (T4 by T3, T3 by T2, T2 by T1). β_L is a path coefficients in a 4-wave LISREL model in which coefficients are assumed to be equal for all waves. Controls: satisfaction with marriage (T1, T2, T3 and T4), and T1 sex, age, SES, extraversion and neuroticism.
	$\beta_L = +.77$ $p < .05$	T4 happiness by T3 happiness. β_L is a path coefficient in a two wave LISREL model. Controls: earlier net life-events (reported at T3 and T4) and T1 sex, age, SES, extraversion and neuroticism.

Study	HENLE 1967	<i>Page in Report:</i>
<i>Reported in:</i>	Henley, B. & Davis, M.S. Satisfaction and dissatisfaction: A study of the chronically-ill aged patient. Journal of Health and Social Behavior, 1967, vol.8, p.65-75.	
<i>Population:</i>	60+ aged chronically-ill, followed three years, USA, 1959-62	
<i>Sample:</i>		
<i>Non-Response:</i>	24% not available because of death, mental deterioration, unknown address or r	
<i>N:</i>	167 (dropout at T2 46%)	

Measured Correlate

<i>Class:</i>	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
<i>Measurement:</i>	Single direct question: "In general, how satisfied are you with your way of life? Quite satisfied, fairly satisfied, sometimes dissatisfied, usually dissatisfied?"
	Assessed at: - T1 (1959) - T2 (1962; 3 years interval)
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLL/g/sq/v/4/a	G=+.65 p<.01 tb=+.33 p<.01	T1 happy T1 unhappy 50 10 T2 happy 14 13 T2 unhappy
		T1: 74% happy T2: 69% happy Change in happiness between T1 and T2: 28% Both decrease and turnover greater in domain satisfactions than in overall satisfaction

Study	HENLE 1967	Page in Report:	72
<i>Reported in:</i>	Henley, B. & Davis, M.S. Satisfaction and dissatisfaction: A study of the chronically-ill aged patient. Journal of Health and Social Behavior, 1967, vol.8, p.65-75.		
<i>Population:</i>	60+ aged chronically-ill, followed three years, USA, 1959-62		
<i>Sample:</i>			
<i>Non-Response:</i>	24% not available because of death, mental deterioration, unknown address or r		
<i>N:</i>	167 (dropout at T2 46%)		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Single direct question:
"In general, how satisfied are you with your life? Quite satisfied, fairly satisfied, sometimes dissatisfied, usually dissatisfied?"

Assessed at T1 and T2
(three years interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLL/g/sq/v/4/a	G=+.65 p<.01 tb=+.33 p<.01	T1 happy T1 unhappy T2 happy 50 10 T2 unhappy 14 13 T1: 74% happy T2: 69% happy Change between T1 and T2: 28% Both decrease and turnover greater in domain satisfactions than in overall satisfaction

Study	KEITH 1985	<i>Page in Report:</i>	414
<i>Reported in:</i>	P.M. Keith Work, retirement and well-being among unmarried men and women The Gerontologist, 1985, vol 25, p 410-416		
<i>Population:</i>	58-63 aged unmarried, followed 10 years, USA, 1969-1979		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1398 (326 men, 1072 women)		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Single closed question, rated on a 3-point scale: "Taking things all together, would you say you're very happy (3), pretty happy (2) or not too happy these days (1)?" (HAPP 1.1)

Assessed at T1 (10 years ago) and T2.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/3/aa	r=+	Current happiness assessed at T2: Wi dowed r= +.36 (ns) β= +.30 (05) Divorced/Separated r= +.33 (ns) β= +.30 (05) Never married r= +.34 (ns) β= +.23 (05) β's controlled for sex, earlier education, age, earlier occupation, retirement attitudes, health, income and employment.

Study	MCCRA 1990	<i>Page in Report:</i>	22
<i>Reported in:</i>	McCrae, R.R. & Costa jr, P.T. Adding Liebe und Arbeit. The full five factor model and Well-being Personality and Social Psychology Bulletin, vol.? (1990)p.?		
<i>Population:</i>	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	429		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

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

Assessed at:

- T1: 1979
- T2: 1981

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.51 p<.01	T2 happiness (full ABS) by T1 happiness (full ABS)
	r=+.37 p<.01	T2 happiness (full ABS) by T1 positive affect (part ABS)
	r=-.39 p<.01	T2 happiness (full ABS) by T1 negative affect (part ABS)
O-DT/u/sq/v/7/a	r=+.51 p<.01	T2 happiness (LS: HAPP 2.1) by T1 happiness (ABS: AFF 2.3)
	r=+.37 p<.01	T2 happiness (LS: HAPP 2.1) by T1 positive affect
	r=-.39 p<.01	T2 happiness (LS: HAPP 2.1) by T1 negative affect

Study	MCCRA 1990	<i>Page in Report:</i>	22
<i>Reported in:</i>	McCrae, R.R. & Costa jr, P.T. Adding Liebe und Arbeit. The full five factor model and Well-being Personality and Social Psychology Bulletin, vol.? (1990)p.?		
<i>Population:</i>	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	429		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

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

Assessed at:

- T1: 1979
- T2: 1981

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.51 p<.01	T1 happiness (full ABS) by T2 happiness (full ABS)
	r=+.39 p<.01	T1 happiness (full ABS) by T2 positive affect (part ABS)
	r=-.39 p<.01	T1 happiness (full ABS) by T2 negative affect (part ABS)
O-DT/u/sq/v/7/a	r=+.40 p<.01	T1 happiness (LS: HAPP 2.1) by T2 happiness (ABS: AFF 2.3)
	r=+.25 p<.01	T1 happiness (LS: HAPP 2.1) by T2 positive affect
	r=-.36 p<.01	T1 happiness (LS: HAPP 2.1) by T2 negative affect

Study	MCCRA 1990	<i>Page in Report:</i>	22
<i>Reported in:</i>	McCrae, R.R. & Costa jr, P.T. Adding Liebe und Arbeit. The full five factor model and Well-being Personality and Social Psychology Bulletin, vol.? (1990)p.?		
<i>Population:</i>	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	429		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Single direct question: "How do you feel about your life as a whole?" Rated on a 7-point terrible-delighted scale (HAP 4.1).

Assessed at:

- T1: 1979
- T2: 1981

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.40 p<.01	T2 happiness (ABS: AFF 2.3) by T1 happiness (LS: HAPP 2.1)
O-DT/u/sq/v/7/a	r=+.61 p<.01	T2 happiness (LS: HAPP 2.1) by T1 happiness (LS: HAPP 2.1)

Study	MCCRA 1990	<i>Page in Report:</i>	22
<i>Reported in:</i>	McCrae,R.R. & Costa jr,P.T. Adding Liebe und Arbeit. The full five factor model and Well-being Personality and Social Psychology Bulletin, vol.? (1990)p.?		
<i>Population:</i>	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	429		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Single direct question: "How do you feel about your life as a whole?" Rated on a 7-point terrible-delighted scale (HAP 4.1).

Assessed at:

- T1: 1979
- t2: 1981

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.51 p<.01	T1 happiness (ABS: AFF 2. 3) by T2 happiness (LS: HAPP 2. 1)
O-DT/u/sq/v/7/a	r=+.61 p<.01	T1 happiness (LS: HAPP 2. 1) by T2 happiness (LS: HAPP 2. 1)

Study	MORTI 1981	<i>Page in Report:</i>	16
<i>Reported in:</i>	Mortimer, J.T. & Lorence, J. Self-concept stability and change from late adolescence to early adulthood Research on community and mental health 1981, vol 2, page 5-42		
<i>Population:</i>	University graduates 1966/67, followed into adulthood, Michigan, USA, 1962-76		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition: 12%		
<i>N:</i>	442		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Single direct question rated on 7 point scale.
Happy.....Unhappy
(Lead sentence not reported)

Assessed at:
T1: 1962/63
T2: 1966
T3: 1976

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-H?/?/sq/n/7/a	r=+.33	T1-T2
	r=+.14	T1-T3
	r=+.26	T2-T3
	overtime correlations (r') computed from Lisrel model	

Study	MUSSE 1980	Page in Report:	337
<i>Reported in:</i>	Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M. Continuity and change in women's characteristics over four decades International Journal of Behavioral Development 1980, vol 3, page 333-347		
<i>Population:</i>	Mothers, followed from age 30 to 70, Berkeley, USA, 1930-70		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	81		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Rating of satisfaction with lot on 7 point scales by independent interviewers.

T1 (1930): Ratings by two interviewers:

- Clinical psychologist on the basis of an interview
- Social worker on the basis of observations at home and during tests of the child at university.

Inter-rater agreement: $r=+.60$.

T2 (1970): Rating by one interviewer on the basis of an extensive interview

Measured Values:

Error Estimates:

Remarks: Guidance group only (N=53)

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLC/g/fi/v/7/b	$r=+.15$ ns DMt=-.07	Guidance group only (N=53) T1: M=4.0 SD=1.2 Mt =5.01 T2: M=3.6 SD=1.3 Mt' =4.34

Study	MUSSE 1980	<i>Page in Report:</i>	337
<i>Reported in:</i>	Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M. Continuity and change in women's characteristics over four decades International Journal of Behavioral Development 1980, vol 3, page 333-347		
<i>Population:</i>	Mothers, followed from age 30 to 70, Berkeley, USA, 1930-70		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	81		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Rating by independent interviewers, scored on a 7 point scale
 T1 (1930): Ratings by two interviewers
 - Clinical psychologist on the basis of interview
 - Social worker on the basis of observations during visits at home and during tests of the child at university
 T2 (1970): Rating by one interviewer on the basis of extensive interview

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLC/g/fi/v/7/b	DMt=-0.7	T1: M=4.0 SD=1.2 Mt' =5.01 T2: M=3.6 Sd=1.3 Mt' =4.34

Study	ORMEL 1980	<i>Page in Report:</i>	350
<i>Reported in:</i>	Ormel,H. Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life) Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.		
<i>Population:</i>	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77		
<i>Sample:</i>			
<i>Non-Response:</i>	18%		
<i>N:</i>	296		

Measured Correlate

<i>Class:</i>	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
<i>Measurement:</i>	8-item additive index of specific affects in the past few weeks (Bradburn Affect Balance Scale: AFF 2.3) Assessed at: - T2 (1976) - T3 (1977)
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/c	r=+.52 p<.01	T3 happiness by T2 happiness

Study	PALMO 1977	<i>Page in Report:</i>	314
<i>Reported in:</i>	Palmore, E.B. and Kivett, V. Change in Life Satisfaction: A Longitudinal Study of Persons Aged 46-70 Journal of Gerontology, Vol 32, 1977, p 311-316		
<i>Population:</i>	46+ aged whites, North Carolina, USA, 1968-1972/74		
<i>Sample:</i>	Probability stratified sample		
<i>Non-Response:</i>			
<i>N:</i>	378		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Assessed at:
T1: 1968/70
T2: 1970/72
T3: 1972/74

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/c/sq/l/10/c	r=+.40 p<.05	T1 life satisfaction by T3 life satisfaction
	Beta=+.3 p<.05	Residual regression. Dependent T3 life satisfaction. T1 life satisfaction R = +.40 T1 self-rated health B1= +.41
	Beta=+.1 p<.05	Residual regression. Dependent T3 life satisfaction. T2 life satisfaction R = +.56 T2 self-rated health B1= +.57 T1 life satisfaction B2= +.59
	r=+.56 p<.05	T2 life satisfaction by T3 life satisfaction
	Beta=+.4 p<.05	Residual regression. Dependent T3 life satisfaction. T2 life satisfaction R = +.56 T2 self-rated health B1= +.57 T1 life satisfaction B2= +.59

Study	PALMO 1979	<i>Page in Report:</i>	345
<i>Reported in:</i>	Palmore, E.B., Cleveland Jr, P.C., Nowlin, J.B., Ramm, D. & Siegler, I.C. Stress and Adaptation in Later Life Reprint form Journal of Gerontology 1979, Vol 34 pp (in this reprint) 341-356		
<i>Population:</i>	46+ aged white, North Carolina, USA, 1968- 1976.		
<i>Sample:</i>	Probability stratified sample		
<i>Non-Response:</i>			
<i>N:</i>	375		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Self report on single question:

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

[9] best possible life for you
 [8]
 [7]
 [6]
 [5]
 [4]
 [3]
 [2]
 [1]
 [0] worst possible life for you

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

Assessed at T1 and T4.

Measured Values: T1 M= 7.0
T4 M = 7.0

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/c/sq/l/10/c	DM=ns	Difference life satisfaction T1 to T4.

Study	PALMO 1981	<i>Page in Report:</i>	98
<i>Reported in:</i>	Palmore, E.B. Social Patterns in Normal Aging: Findings from the Duke Longitudinal Study. Duke University Press, Durham, North Carolina, USA, 1981; pp 95-107.		
<i>Population:</i>	46+ aged whites, North Carolina, USA, 1968 - 1976.		
<i>Sample:</i>	Probability stratified sample		
<i>Non-Response:</i>			
<i>N:</i>	375		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: 46-50 years old
51-55
56-60
61-65
66-70
Assessed at
T1 1968/70
T2 1970/72
T3 1972/74
T4 1974/76

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/c/sq/l/10/c	DM=ns	

Study	PALMO 1981	<i>Page in Report:</i>	97
<i>Reported in:</i>	Palmore, E.B. Social Patterns in Normal Aging: Findings from the Duke Longitudinal Study. Duke University Press, Durham, North Carolina, USA, 1981; pp 95-107.		
<i>Population:</i>	46+ aged whites, North Carolina, USA, 1968 - 1976.		
<i>Sample:</i>	Probability stratified sample		
<i>Non-Response:</i>			
<i>N:</i>	375		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Assessed at:
T1 1968/70
T2 1970/72
T3 1972/74
T4 1974/76

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/c/sq/l/10/c	DM=ns	

Study	SCHAE 1963/2	<i>Page in Report:</i>	105
<i>Reported in:</i>	Schaefer, E.S. & Bailey, N. Maternal behavior, child behavior and their intercorrelations from infancy through Monographs of the Society for Research in Child Development Serial 87, vol 28, nr 3, 1963.		
<i>Population:</i>	Girls, followed from age 0 to 18, Berkely, California, USA, 1929-47		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	19		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: T1: age 0-3 (1929)
Clinical ratings on the basis of repeated observations of expressive behavior (AFF 5.1). Ratings were scored on a 7 point scale, that ranged from `happy' to `unhappy'. These ratings were part of wider observations on social and psychological functioning. Ratings were made in the following ages in months: 10, 11, 12, 14, 15, 18, 21, 27, 30, 36.

T2: age 12-18 (1947)
Happiness assessed in adolescence.
HAP 7.3 based on various interviews and observations in adolescence.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>	
A-CP/g/fi/v/7/a	mr=-.11	month 11	r=-.14 (ns)
		month 14	r=-.21 (ns)
		month 21	r=-.19 (ns)
		month 30	r=+.09 (ns)

Study	STACE 1991	Page in Report:	77
<i>Reported in:</i>	Stacey, C.A. & Gatz, M. Cross-sectional age-differences and longitudinal change on the Bradburn Affect Journal of Gerontology, 1991, vol 46, page 76-78		
<i>Population:</i>	Three generations of family members, followed 14 years, USA, 1971-85		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition T1-T2: 43%		
<i>N:</i>	1159		

Measured Correlate

<i>Class:</i>	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
<i>Measurement:</i>	10 item index of specific affects in the past few weeks (Bradburn's Affect Balance Scale) (AFF 2.3)
	Assessed at: - T1: 1971 - T2: 1985 (14 year interval)
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks																												
A-BB/cm/mq/v/2/a	r=+.32	<table border="1"> <thead> <tr> <th colspan="2">Age (years)</th> <th colspan="2">Happiness (Ms')</th> </tr> <tr> <th>T1</th> <th>T2</th> <th>T1</th> <th>T2</th> </tr> </thead> <tbody> <tr> <td>15-19</td> <td>29-33</td> <td>5.81</td> <td>6.70</td> </tr> <tr> <td>20-34</td> <td>34-48</td> <td>6.02</td> <td>6.82</td> </tr> <tr> <td>35-49</td> <td>49-63</td> <td>6.93</td> <td>7.40</td> </tr> <tr> <td>50-64</td> <td>64-78</td> <td>7.23</td> <td>7.62</td> </tr> <tr> <td>65-86</td> <td>79-100</td> <td>7.51</td> <td>6.38</td> </tr> </tbody> </table> <p>Significant effect of age. Both positive affect (PA) and negative affect (NA) decline with age. Negative affect declines most. As a result Affect Balance (Hedonic Level) rises. This appears both in cross-sectional and longitudinal comparison.</p> <p>Unaffected by sex</p> <p>Negative affect: overtime correlation +.44 Positive affect: overtime correlation +.30</p>	Age (years)		Happiness (Ms')		T1	T2	T1	T2	15-19	29-33	5.81	6.70	20-34	34-48	6.02	6.82	35-49	49-63	6.93	7.40	50-64	64-78	7.23	7.62	65-86	79-100	7.51	6.38
Age (years)		Happiness (Ms')																												
T1	T2	T1	T2																											
15-19	29-33	5.81	6.70																											
20-34	34-48	6.02	6.82																											
35-49	49-63	6.93	7.40																											
50-64	64-78	7.23	7.62																											
65-86	79-100	7.51	6.38																											

Study	THOMP 1960	Page in Report:
<i>Reported in:</i>	Thompson, W.E., Streib, G.F. & Kosa, J. The effect of retirement on personal adjustment: a panel analysis. Journal of Gerontology, 1960, vol. 15, p. 165-169.	
<i>Population:</i>	60+ aged, employed at start, followed 2 years, USA, 1952-54	
<i>Sample:</i>		
<i>Non-Response:</i>		
<i>N:</i>	1559	

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Happiness (MIX 1.2) assessed at:
- T1 (1952)
- T2 (1954)

Measure: index of closed questions (devised through the use of the Guttman (1944) scaling technique):

1. All in all, how much happiness would you say you find in life today?
2. In general, how would you say you feel most of the time, in good spirits or in low spirits?
3. On the whole, how satisfied would you say you are with your way of life today?

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
M-AO/g/mq/*/0/a	G=+.70 p<.01	Current happiness assessed at T2
		Gainfully employed throughout : G' =+. 75 (01)
		Retired between T1 and T2 : G' =+. 57 (01)
		-Positive orientation to retirement at T1 : G =+. 53 (01)
		-Negative orientation to retirement at T1 : G =+. 45 (01)
		-Voluntary retired : G' =+. 60 (01)
		-Compulsory retired : G' =+. 41 (01)
		-Pos. orientation (T1), voluntary retired : G' =+. 69 (01)
		-Pos. orientation (T1), compulsory retired : G' =+. 37 (01)
		-Neg. orientation (T1),

voluntary retired	: G' =+. 24 (05)
-Neg. orientation (T1),	
compulsory retired	: G' =+. 52 (01)

Study	WESSM 1966/2	<i>Page in Report:</i>	103
<i>Reported in:</i>	Wessman, A.E. & Ricks, D.F. Mood and personality Holt, 1966, New York, USA		
<i>Population:</i>	Male college students, followed 3 years, Harvard University, USA, 1957-60		
<i>Sample:</i>			
<i>Non-Response:</i>	37%: 9 dropouts, incomplete; about the same happiness distribution.		
<i>N:</i>	17		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Questionnaire items indicative of avowed happiness - unhappiness.
Assessed two years earlier.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-ARE/md/sqr/v/10/	r=+.67	Hedonic level (Elation-Depression Scale: AFF 3.1) scored each night for the highest, lowest and average of the day. Mean daily highest mood : r = +.66 Mean daily average mood : r = +.67 Mean daily lowest mood : r = +.32

Study	YEO 1987	<i>Page in Report:</i>	256
<i>Reported in:</i>	Yeo, G., Ingram, L., Skurnick, J., and Crapo, L. Effects of a Geriatric Clinic on Functional Health and Well-being of Elders Journal of Gerontology, 1987, Vol. 42, pp 252-258		
<i>Population:</i>	65+ aged, patients, ambulatory medical center, followed 18 mth, California, USA, 198?		
<i>Sample:</i>			
<i>Non-Response:</i>	Refusal 15.91%, unable 6.17%, to 1st question. 11.36%, to 2nd question. 21.43%		
<i>N:</i>	139		

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: 10 item index of closed questions on specific affects in the past few weeks.
(Bradburn Affect Balance Scale)

Assessed at
- T1: 1979
- T2: 18 months later

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cm/mq/v/2/a	r=+.34	geriatric clinic
	r=+.34	general medical clinic
		(r' computed from b and SD in table)

Study	BLOCK 1971/1	<i>Page in Report:</i>	302-307
<i>Reported in:</i>	Block, J. Lives through time Bancroft Books inc., 1971, Berkely, USA		
<i>Population:</i>	Highschool pupils, followed from age 11 to 35, USA, 1936-1957		
<i>Sample:</i>			
<i>Non-Response:</i>	65% dropout, 11% incomplete data		
<i>N:</i>	160		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Rating on the basis of interview-protocols by independent judges of cheerfulness as personality descriptive variable from most uncharacteristic to most characteristic of the subject. Rated on a scale ranging from 1 to 9.

Happiness assessed at:

T1: junior high school: age 11-14, ±1936

T2: senior high school: age 14-17, ±1942

T3: fourth decade: age 28-35, ±1957

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/rc/?/9/a	mr=+.54	T1 by T2 happiness: males: r=+. 57 (001) r corrected for attenuation =+. 75 females: r=+. 50 (001) r corrected for attenuation =+. 69 Females tend to become less happy between T1 and T2. The individual rankorder is largely maintained (conclusion based on corrected r).
	mr=+.31	T2 by T3 happiness: males: r=+. 26 (05) r corrected for attenuation =+. 34 females: r=+. 36 (001) r corrected for attenuation =+. 46 Females tend to become more happy between T2 and T3. The individual rankorder changes considerably (conclusion based on corrected r).

Study	BLOCK 1971/2	<i>Page in Report:</i>	81
<i>Reported in:</i>	Block, J. Lives through time Bancroft Books inc., 1971, Berkely, USA		
<i>Population:</i>	Highschool pupils, followed from age 11 to 32, USA, 1936-51		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	72		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Rating on the basis of interview protocols.
T1: adolescence age 11 to 17 ± 1936.
T2: adulthood age 32 ± 1951.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/rc/?/9/a	mr=+.23	T1 by T2 happiness: - males : r= +.26 (ns) - females : r= +.20 (ns)

Study	CHIRI 1982	<i>Page in Report:</i>	23
<i>Reported in:</i>	Chiriboga, D.A. Consistency in adult functioning: The influence of social stress Ageing and Society, vol.2 part 1, p.7-29		
<i>Population:</i>	People in transition followed 4 years, metropolis, USA, 1969-1980		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition after 11 years 24%		
<i>N:</i>	163 (in 1969:216)		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Happiness (HAPP 1.1) as assessed 11 years ago at T1 (1969).
Closed question rated on a 3-point scale: "In general how happy are you these days?" Very happy: 1, pretty happy: 2, not too happy: 3 (order reversed).

Assessed at:
- T1 (1969)
- T5 (1980; 11 years interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/3/cb	r=+ ns	Mal es: r= +.03 ns Femal es: r= +.18 ns

Study	CHIRI 1989	Page in Report:	65
<i>Reported in:</i>	Chiriboga, D.A. Stress and loss in middle age Midlife loss: coping strategies (1989). Editor: Kalish, R.A.Publisher: Sage Publications, Inc.		
<i>Population:</i>	People in transition, followed 4 years, metropolis, USA, 1969-1980		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition after 11 years 24%		
<i>N:</i>	163 (in 1969 216)		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Affect Balance Score (AFF 3.2)
8-item index of specific affects (Bradburn 1969), scored "never", "once", "several times" or "often" during the past week.

Assessed at:

- T1 (1969)
- T2 (1972)
- T3 (1974)
- T4 (1976)
- T5 (1980; 11 years interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cw/mq/v/4/d	r=+.38 p<.05	T1 happiness by T2 happiness -T1 positive affect by T2 pos. affect r=+.53 (01) -T1 negative affect by T2 neg. affect r=+.53 ns
	r=+.46 p<.05	T1 happiness by T3 happiness -T1 positive affect by T3 pos. affect r=+.55 (01) -T1 negative affect by T3 neg. affect r=+.34 ns
	r=+.57 p<.01	T1 happiness by T4 happiness -T1 positive affect by T4 pos. affect r=+.44 (05) -T1 negative affect by T4 neg. affect r=+.50 (01)

r=+.04 ns T1 happiness by T5 happiness
 -T1 positive affect by T5 pos. affect r=+.48 (01)
 -T1 negative affect by T5 neg. affect r=+.01 ns

LOW STRESS GROUP (N=51)

r=+.45 p<.01 T1 happiness by T2 happiness
 -T1 positive affect by T2 pos. affect r=+.30 (05)
 -T1 negative affect by T2 neg. affect r=+.39 (01)

r=+.37 p<.01 T1 happiness by T3 happiness
 -T1 positive affect by T3 pos. affect r=+.52 (01)
 -T1 negative affect by T3 neg. affect r=+.37 (01)

r=+.39 p<.01 T1 happiness by T4 happiness
 -T1 positive affect by T4 pos. affect r=+.55 (01)
 -T1 negative affect by T4 neg. affect r=+.48 (01)

r=+.26 p<.05 T1 happiness by T5 happiness
 -T1 positive affect by T5 pos. affect r=+.36 (01)
 -T1 negative affect by T5 neg. affect r=+.29 (05)

Study	COSTA 1981	<i>Page in Report:</i>	81
<i>Reported in:</i>	Costa,P.T., McCrae,R.R. & Morris,A.H. Personal adjustment to aging: Longitudinal prediction from neuroticism and Journal of Gerontology, vol.36(1981), p.78-85		
<i>Population:</i>	17-97 aged males, visitors of the Gerontology Research Centre, followed \pm 10 years Baltimore, USA. 1958-70		
<i>Sample:</i>			
<i>Non-Response:</i>	Attrition 79% at T3, mostly among psychologically least adjusted		
<i>N:</i>	557 at T1, 423 at T2, 117 at T3		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Single closed question: 'How do you feel about what you have accomplished in life: well satisfied, reasonably satisfied or dissatisfied ?'
Assessed at:
- T1 (1958-1963)
- T2 (1964-1969; mean interval 5.3 yr)
- T3 (1969-1975; mean interval 12.6 yr)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-A/h/sq/v/3/a	r=+.49	T1 by T2
	r=+.46	T1 by T3

Study	DOBSO 1985	Page in Report:	124
<i>Reported in:</i>	Dobson, C. Attitudes and Perceptions Powers, E.A., Goudy, W.J. & Klein, P.M. (eds), Later life Transitions: Older Males in America. Kluwer, 1985, Dordrecht		
<i>Population:</i>	50+ aged males, fulltime employed, followed ten years, Iowa, USA, 1964-74		
<i>Sample:</i>			
<i>Non-Response:</i>	T1 refusals: 8% T1-T2 drop-out: 29%, of which 20% deceased		
<i>N:</i>	T1: 1870, T2: 1319		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Single direct question:
"How do you feel things have worked out for you generally?"
4. very well
3. fairly well
2. not very well
1. not at all well (CON 1.1)
Assessed at T1 and T2 (10 yr interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks																
M-CO/h/sq/v/4/a	r=+.39 p<.001	<table border="1"> <thead> <tr> <th></th> <th>T2 very</th> <th>T2 fairly</th> <th>T2 not</th> </tr> </thead> <tbody> <tr> <td>T1: very</td> <td>71%</td> <td>32%</td> <td>23%</td> </tr> <tr> <td>T1: fairly</td> <td>28%</td> <td>65%</td> <td>62%</td> </tr> <tr> <td>T1: not</td> <td>1%</td> <td>3%</td> <td>15%</td> </tr> </tbody> </table> <p>T1: M=3.52 SD= 0.54 Mt' =8.40 T2: M=3.53 SD=0.55 Mt' =8.43</p>		T2 very	T2 fairly	T2 not	T1: very	71%	32%	23%	T1: fairly	28%	65%	62%	T1: not	1%	3%	15%
	T2 very	T2 fairly	T2 not															
T1: very	71%	32%	23%															
T1: fairly	28%	65%	62%															
T1: not	1%	3%	15%															

About one-third changed their estimate of well-being. The average remained the same.

Study	MUSSE 1980	<i>Page in Report:</i>	337
<i>Reported in:</i>	Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M. Continuity and change in women's characteristics over four decades International Journal of Behavioral Development 1980, vol 3, page 333-347		
<i>Population:</i>	Mothers, followed from age 30 to 70, Berkeley, USA, 1930-70		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	81		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Rating of cheerfulness (vs gloomy) on 7 point scales by independent interviewers.

T1 (1930): Ratings by two interviewers:

- Clinical psychologist on the basis of an interview
- Social worker on the basis of observations at home and during tests of the child at university.

Inter-rater agreement: $r=+.59$

T2 (1970): Rating by one interviewer on the basis of an extensive interview

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/fi/n/7/a	$r=+.28$ $p<.05$	Guidance group (N=53)
	$r=+.27$ ns	Control group (N=28)
	D _{Mt} =0	T1: M=3.7 SD=1.1 Mt' =4.51 T2: M=3.7 Sd=1.2 Mt' =4.51

Study	MUSSE 1980	Page in Report:	337
<i>Reported in:</i>	Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M. Continuity and change in women's characteristics over four decades International Journal of Behavioral Development		1980, vol 3, page 333-347
<i>Population:</i>	Mothers, followed from age 30 to 70, Berkeley, USA, 1930-70		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	81		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Rating of cheerfulness (vs gloomy) on 7 point scale by independent interviewers
T1 (1930): Rating by two independent interviewers:
- clinical psychologist on the basis of an interview, and
- social worker on the basis of observations during visits at home and during tests of the child at university
T2 (1970): Rating by one interviewer on the basis of an extensive interview

Measured Values:

Error Estimates:

Remarks: Guidance group only (N=53)

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CP/g/fi/n/7/a	DMt=0	T1: M=3.7 SD=1.1 Mt' =4.51 T2: M=3.7 SD=1.1 Guidance group only (N=53)

Study	MUSSE 1980/2	<i>Page in Report:</i>	337
<i>Reported in:</i>	Musse, P.; Eichorn, D.H.; Honzik, M.P.; Bieber, S.L.; Meredith, W.M. Continuity and Change in Women's Characteristics over four Decades International Journal of Behavioral Development, Vol. 3 1980, p. 333 - 347		
<i>Population:</i>	Mothers of preschool-aged-children, Berkeley USA, 1928-68		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	28		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: T1 happiness (age \pm 30) assessed by interviewer ratings of cheerfulness.
Index of two ratings by a psychologist and a psychiatric social worker, who interviewed the subject independently.

T2 happiness (age \pm 70) assessed by an index of two independent ratings: one by the interviewer and the other by a clinical psychologist who read the interview protocol.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/fi/v/7/a	r=+.27 p<.10	

Study	SCHAE 1963/1	<i>Page in Report:</i>
<i>Reported in:</i>	Schaefer, E.S. & Bayley, N. Maternal behavior, child behavior, and their intercorrelations from infancy through Monographs of the Society for Research in Child Development, Serial no. 87, vol. 28, nr. 3 .	
<i>Population:</i>	Children followed from age 0 to 18, Berkeley, California, USA, 1929-47	
<i>Sample:</i>		
<i>Non-Response:</i>	13% drop-outs (7 children and their mothers)	
<i>N:</i>	54: see under remarks	

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: T1: (1929)
Happiness (AFF 5.1, hedonic level) rated 12 times between 10-36
months of age. Ratings combined: months 10 + 11 + 12 / 13 + 14 +
15 / 18 + 21 + 24 / 27 + 30 + 36.

T2: (1947)
Ratings by two judges on the basis of notes from observations and
interviews between age 12-18. (inter-rater agree-
ment rather low)

1. 4-item index involving:
 - discontented
 - unhappy
 - dissatisfied
 - complains (HAPP 3.4)
2. 2-item index involving:
 - gloomy
 - not cheerful (AFF 1.5)

Measured Values:

Error Estimates:

Remarks:

Months Months Months Months
 10-12 13-15 18-24 27-36

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>				
A-CP/mi/tsb/n/7/a	mr=-.03	1.		-. 09(ns)	-. 07(ns)	-. 02(ns) +. 07(ns)
	mr=-.11	2.		-. 14(ns)	-. 21(ns)	-. 19(ns) +. 09(ns)
			Computed for girls only (N = 19).			

Months Months Months Months
 10-12 13-15 18-24 27-36

Study	SCHAE 1963/2	<i>Page in Report:</i>	105
<i>Reported in:</i>	Schaefer, E.S. & Bailey, N. Maternal behavior, child behavior and their intercorrelations from infancy through Monographs of the Society for Research in Child Development Serial 87, vol 28, nr 3, 1963.		
<i>Population:</i>	Girls, followed from age 0 to 18, Berkely, California, USA, 1929-47		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	19		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: T1: age 0-3 (1929)
Clinical ratings on the basis of repeated observations of expressive behavior (AFF 5.1). Ratings were scored on a 7 point scale, that ranged from 'happy' to 'unhappy'. These ratings were part of wider observations on social and psychological functioning. Ratings were made in the following ages in months: 10, 11, 12, 14, 15, 18, 21, 27, 30, 36.

T2: age 12-18 (1947)
Happiness assessed in adolescence.
HAP 7.3 based on various interviews and observations in adolescence.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>	
O-Sum/g/rc/v/7/a	mr=-.03	month 11	r=-.09 (ns)
		month 14	r=-.07 (ns)
		month 21	r=-.02 (ns)
		month 30	r=+.07 (ns)

Study	TUDEDE 1959	<i>Page in Report:</i>	16
<i>Reported in:</i>	Tuddenham, R.D. The constancy of personality ratings over two decades. Genetic {Psychology Monographs, 1959, vol. 60, page 3-29		
<i>Population:</i>	High school pupils, followed into adulthood, California USA, 1934-53		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	72		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Clinical rating by two independent observers:
 T1: Observation on playground by two female staff members
 T2: Ratings on the basis of clinical interviews with two psychologists (interviews with one week interval)

Interrater agreement high
 T1: boys $r=+.66$ girls $r=+.80$
 T2: men $r=+.78$ women $r=+.78$

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/c/rc/n/9/a	$r=+.26$ ns	men
	$r=+.20$ ns	women

Study	TUDE 1962	<i>Page in Report:</i>	666
<i>Reported in:</i>	Tuddenham, R.D. Constancy of personal morale over a 15 year interval. Child Development 1962, vol. 33, page 663-673		
<i>Population:</i>	Senior high-school pupils, followed into adulthood, USA, 1938-53		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	92		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Single direct question: "Will people of your age get the things they want most of life?"
 4. I expect to get almost all the things I really want in life
 3. I will probably get more of the things I really want than not
 2. There are several things I want in life but will probably never have
 1. I will probably never have most of the things I really want in life

Assessed at:
 - T1 (1938)
 - T2 (1953)
 (25 year interval)

Measured Values:

Error Estimates:

Remarks: Temporal stability:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
C-W/u/sq/v/4/a	r=+.23 p<.05	- males
	r=+.08 ns	- females
		Temporal stability:
		Temporal shift:
	DMt=+1.	- males T1: M=2.79 Mt' =5.96
	Chi²=+ p<.05	T2: M=3.13 Mt' =7.09
	DMt=+1.	- females T1: M=2.90 Mt' =6.32
	Chi²=+ ns	T2: M=3.19 Mt' =7.29

Both males and females get more contented

Study	TUDE 1962	Page in Report:	666
<i>Reported in:</i>	Tuddenham, R.D. Constancy of personal morale over a 15 year interval. Child Development 1962, vol. 33, page 663-673		
<i>Population:</i>	Senior high-school pupils, followed into adulthood, USA, 1938-53		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	92		

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Single direct question: "Is it fun to be alive?"
 4. I enjoy life so much that it is really just fun to be alive
 3. There are only a few things in life that are really disappointing
 2. There are many things in life that are really disappointing
 1. Sometimes life seems just a series of disappointments

Assessed at:
 - T1 (1938)
 - T2 (1953)
 (25 year interval)

Measured Values:

Error Estimates:

Remarks: Temporal stability:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
C-W/u/sq/v/4/a	r=+.10 ns	- males
	r=+.19 ns	- females
		Temporal stability:
	DMt=.06	- males T1: M=3.21 Mt' =7.35
	Chi²=+ ns	T2: M=3.25 Mt' =7.49
	DMt=.00	- females T1: M=3.18 Mt' =7.25
	Chi²=+ ns	T2: M=3.18 Mt' =7.25
		Fewer adults than adolescents say to enjoy life (score 4), but also fewer emphasize disappointments (scores 2 and 1)

Study	FUGL 1991	<i>Page in Report:</i>	90
<i>Reported in:</i>	Fugl-Meyer, A.R. , Eklund, M. & Fugl-Meyer, K.S. Vocational rehabilitation in Northern Sweden; Aspects of life satisfaction. Eklund,M.: On vocational rehabilitation in Northern Sweden, Diss. Univ.of Umea, 1991, pp 87-95.		
<i>Population:</i>	Handicapped referred for vocational rehabilitation, followed 2 years, Umea, Sweden, 198?		
<i>Sample:</i>	Non-probability chunk sample		
<i>Non-Response:</i>			
<i>N:</i>	T1:149 ; T2: 126		

Measured Correlate

Class: Actual changes in happiness Code: H 5.2.2

Measurement: Difference in life-satisfaction at:
T1: before start of vocational training
T2: two years after

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLW/u/sq/v/6/a	W= ns	Same job T1 and T2 (N = 24)
	W= p<.02	New job/ vocationally activated at T2 (N = 50)
	W= p<.03	In training/education at T2 (N = 21)
	W= ns	Sick/unemployed at T1 and T2 (N = 31)

Study	PALMO 1977	<i>Page in Report:</i>	313
<i>Reported in:</i>	Palmore, E.B. and Kivett, V. Change in Life Satisfaction: A Longitudinal Study of Persons Aged 46-70 Journal of Gerontology, Vol 32, 1977, p 311-316		
<i>Population:</i>	46+ aged whites, North Carolina, USA, 1968-1972/74		
<i>Sample:</i>	Probability stratified sample		
<i>Non-Response:</i>			
<i>N:</i>	378		

Measured Correlate

Class: Actual changes in happiness Code: H 5.2.2

Measurement:

Tabel 1 nog invoeren hier.
Assessed at:
T1: 1968/70
T2: 1970/72
T3: 1972/74

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/c/sq/l/10/c	DM=0 p<.05	Age-groups at T1, T2, T3: no difference of means. Change from round 1 to 3: -1.

Study	ORMEL 1980	<i>Page in Report:</i>	235
<i>Reported in:</i>	Ormel,H. Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life) Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.		
<i>Population:</i>	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77		
<i>Sample:</i>			
<i>Non-Response:</i>	18%		
<i>N:</i>	296		

Measured Correlate

Class: . change over life time Code: H 5.2.2.1

Measurement: Increase in happiness over T2-T3.
8-item additive index of specific affects in the past few weeks
(Bradburn Affect Balance Scale: AFF 2.3)
Assessed at T2(1976) and T3(1977).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/c	r=+.18 p<.01	T3 happiness by T2-T3 increase in happiness

Study	THOMA 1986	<i>Page in Report:</i>	838
<i>Reported in:</i>	Thomas, M.E.; Hughes, M. The continuing significance of race: a study of race, class, and quality of life in American Sociological Review, 1986, Vol. 51, 830-841		
<i>Population:</i>	18+ aged, general public, USA, 1972-85		
<i>Sample:</i>	Probability multi-stage cluster sample		
<i>Non-Response:</i>			
<i>N:</i>	18000		

Measured Correlate

<i>Class:</i>	. change over life time Code: H 5.2.2.1
<i>Measurement:</i>	1972 . . 1985
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	cross-sectional analysis split-up by age cohorts

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/3/aa	DMA= ns	youngest cohort (turned 18 in 1970 or later)
	DMA= ns	young/middle cohort (turned 18 between 1960-69)
	DMA= p<.05	middle cohort (turned 18 between 1950-59)
	DMA= ns	middle/old cohort (turned 18 between 46-49)
	DMA= p<.05	eldest cohort (turned 18 prior to 1940)
		Means adjusted for social class, age and marital status

Study	THURN 1983	<i>Page in Report:</i>	56
<i>Reported in:</i>	Thurnher, M. Turning points and development change: Subjective and "objective" assessments American J. Orthopsychiat. vol 53, 1983, p.52-60		
<i>Population:</i>	People in transition, followed 8 years, Metropolis USA, 1969-77		
<i>Sample:</i>			
<i>Non-Response:</i>	Sample attrition: 17%		
<i>N:</i>	180 (216 in 1969)		

Measured Correlate

Class: . change over life time Code: H 5.2.2.1

Measurement: Index (HAP 3.2) consisting of:
 - "Dissatisfied" and "unhappy" responses on the Block (1961) Adjective Rating List
 - Overall happiness
 - Present-year score on the Life-Evaluation Chart
 Assessed at T1 (1969) and T2 (1977)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-Sum/u/mq/*/0/a	AoV= ns	T2 Happiness by change in happiness (T2-T1). Change in happiness over the 8 years period indicated by including 'time' in ANOVA. No interaction with age and sex.

Study	THURN 1983	<i>Page in Report:</i>	56
<i>Reported in:</i>	Thurnher, M. Turning points and development change: Subjective and "objective" assessments American J. Orthopsychiat. vol 53, 1983, p.52-60		
<i>Population:</i>	People in transition, followed 8 years, Metropolis USA, 1969-77		
<i>Sample:</i>			
<i>Non-Response:</i>	Sample attrition: 17%		
<i>N:</i>	180 (216 in 1969)		

Measured Correlate

Class: . change over life time Code: H 5.2.2.1

Measurement: 8-item index of specific affects (Bradburn 1969), scored "never", "once", "several times" or "often" during the past week (AFF 2.3).

Assessed at T1 (1969) and T2 (1977)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/d	AoV=+ p<.01	T2 Happiness by change in happiness (T2-T1). Change in happiness over the 8 years period indicated by including 'time' in ANOVA. No interaction with age and sex.
	E ² =+.18 p<.01	

Appendix 1 **Queries on Happiness used in reported Studies**

Happiness Query Code *Full Text*

A-AOL/g/mq/*/0/a

Selfreport on 2 questions:

A: "In general how happy or unhappy do you usually feel? Check the one statement below that best describes your average happiness.

- 10 extremely happy (feeling ecstatic, joyous, fantastic)
- 9 very happy (feeling really good, elated)
- 8 pretty happy (spirits high, feeling good)
- 7 mildly happy (feeling fairly good and somewhat cheerful)
- 6 slightly happy (just a bit above neutral)
- 5 neutral (not particularly happy or unhappy)
- 4 slightly unhappy (just a bit below neutral)
- 3 mildly unhappy (just a little low)
- 2 pretty unhappy (somewhat "blue", spirits down)
- 1 very unhappy (depressed, spirits very low)
- 0 extremely unhappy (utterly depressed, completely down)"

B: "Consider your emotions a moment further. On the average.

- What percent of the time do you feel happy?
- What percent of the time do you feel unhappy?
- What percent of the time do you feel neutral (neither happy nor unhappy)?

Make sure the three figures add-up to equal 100%".

Scoring:

- Question A : 0.- 10
- Question B : % happy
- Summation : (A * 10 + B)/2

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 dårligt
- 2 dårligt
- 1 meget dårligt

A-ARE/md/sqr/v/10/a

Selfreport on single question, repeated every evening before retiring during 3 weeks (experience sampling).

"On the average, how happy or unhappy did you feel today....?"

- 1 Extremely unhappy. Utterly depressed. Completely down.

- 2 Very unhappy. Depressed. Spirits very low.
- 3 Pretty unhappy. Somewhat 'blue'. Spirits down.
- 4 Mildly unhappy. Just a little low.
- 5 Barely unhappy. Just this side of neutral.
- 6 Barely happy. Just this side of neutral.
- 7 Mildly happy. Feeling fairly good and somewhat cheerful.
- 8 Pretty happy. Spirits high. Feeling good.
- 9 Very happy. Feeling really good. Elated.
- 10 Extremely happy. Feeling ecstatic, joyous, fantastic.

Name: Wessman & Ricks' `Elation - Depression Scale" (adapted version)

A-ARE/md/sqr/v/10/b

Selfreport on single question, answered every evening before retiring during six weeks (experience sampling)

"On average; how elated or depressed, happy or unhappy you felt today....?"

- 10 Complete elation, rapturous joy and soaring ecstasy
- 9 Very elated and in very high spirits. Tremendous delight and buoyancy
- 8 Elated and in high spirits
- 7 Feeling very good and cheerful
- 6 Feeling pretty good, "OK"
- 5 Feeling a little bit low. Just so-so
- 4 Spirits low and somewhat 'blue'
- 3 Depressed and feeling very low. Definitely 'blue'
- 2 Tremendously depressed. Feeling terrible, really miserable, "just awful"
- 1 Utter depression and gloom. Completely down. All is black and leaden. Wish it were all over.

Name: Wessman & Ricks' `Elation - depression scale'

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

Selfreport on 10 questions:

"During the past few weeks, did you ever feel?" (yes/no)

- A Particularly excited or interested in something?
- B So restless that you couldn't sit long in a chair?
- C Proud because someone complimented you on something you had done?
- D Very lonely or remote from other people?
- E Pleased about having accomplished something?
- F Bored?
- G On top of the world?
- H Depressed or very unhappy?
- I That things were going your way?
- J Upset because someone criticized you?

Answer options and scoring:

yes = 1
no = 0

Summation:

-Positive Affect Score (PAS): A+C+E+G+I

-Negative Affect Score (NAS): B+D+F+H+J
 -Affect Balance Score (ABS): PAS minus NAS
 Possible range: -5 to +5

A-BB/cw/mq/v/4/c
 Name: Bradburn's 'Affect Balance Scale' (standard version)
 Selfreport on 8 questions:

" In the past few weeks did you ever feel.....?"
 A Pleased about having accomplished something
 B Upset because someone criticized you
 C Proud because someone complimented you one something you had done
 D That things are going your way
 E So restless you couldn't sit long in a chair
 F Unhappy or depressed
 G Particularly interested in something
 H Lonely and remote from other people

Response options:

0 not at all
 1 sometimes
 2 often
 3 very often

Scoring: a = 0.....d = 3

Summation:

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

A-BB/cw/mq/v/4/d
 Name: Bradburn's Affect Balance Scale (variant)
 Selfreport on 8 questions.

"During the past week, did you ever feel.....?"
 A very lonely
 B restless
 C bored
 D depressed
 E on top of the world
 F exited or interested
 G pleased about accomplishment
 H proud

Answer options:

1 never
 2 once
 3 several times
 4 often

Summation:

-Positive Affect Score (PAS): E+F+G+H

-Negative Affect Score (NAS): A+B+C+D
 -Affect Balance Score (ABS): PAS-NAS+13

A-BB/cw/mq/v/4/e

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

A-BC/cm/mq/v/4/a

Name: Bradburn's 'Affect Balance Scale' (modified version)
 Selfreport on 13 questions:

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

- A. Exited or pleased about something you were doing
- B. That important things in life are going your way
- C. Happy, satisfied, or pleased with your personal life.
- D. Exited or pleased with something you did or a problem you solved
- E. That you have a lot of friends you can count on
- F. Nervous or tense
- G. So restless and irritated you couldn't sit still
- H. Down-hearted or depressed
- I. Felt concerned or worried about your health

- J. Guilty about something you shouldn't have done
- K. Unable to get a good night's sleep
- L. That your mind was not working the way it should
- M. Miserable or discouraged about your future

Answer options:

- 1 none of the time
- 2
- 3
- 4 most of the time

Summation:

Positive Affect Scale (PAS):A+B+C+D+E

Negative Affect Scale (NAS):F+G+H+I+J+K+L+M

Affect Balance Scale (ABS): PAS minus NAS

Possible range: -32 to + 20

Name: Bradburn's Affect Balance Scale (variation by Cohen)

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

Selfreport on 40 questions:

"Over this time period (the last few weeks) I have had the feeling described by":

- A My life is on the right track
- B I seem to be left alone when I don't want to be
- C I feel I can do whatever I want to
- D I think clearly and creatively
- E I feel like a failure
- F Nothing seems very much fun any more
- G I like myself
- H I can't be bothered doing anything
- I I feel close to people around me
- J I feel as though the best years of my life are over
- K My future looks good
- L I have lost interest in other people and don't care about them
- M I have energy to spare
- N I smile and laugh a lot
- O I wish I could change some parts of my life
- P My thoughts go around in useless circles
- Q I can handle any problems that come up
- R My life seems stuck in a rut
- S I feel loved and trusted
- T I feel there must be something wrong with me

"Over this period (the last few weeks), "how often you felt..."

- U Satisfied
- V Lonely
- W Free-and-easy
- X Clear-headed
- Y Helpless
- Z Impatient
- AA Usefull
- AB Depressed

AC Loving
 AD Hopeless
 AE Optimistic
 AF Withdrawn
 AG Enthusiastic
 AH Good-natured
 AI Discontented
 AJ Confused
 AK Confident
 AL Tense
 AM Understood
 AN Insignificant

Answer options;

0 not at all
 1 occasionally
 2 some of the time
 3 often
 4 all the time

Summation:

- Positive Affect score (PAS): mean positive items
 - Negative Affect Score (NAS): mean negative items
 - Affect balance score (ABS): PAS minus NAS

Possible range: -4 to +4

A-BK/cm/mq/v/5/b

Selfreport on 48 questions:

SENTENCES

Each of the sentences below describes a FEELING. Mark HOW OFTEN you had that feeling during the past few weeks.

- A Nothing goes right with me
- B I feel close to people around me
- C I feel as though the best years of my life are over
- D I feel my life is on the right track
- E I feel loved and trusted
- F My work gives me a lot of pleasure
- G I don't like myself
- H I feel very tense
- I I feel life isn't worth living
- J I am content with myself
- K My past life is filled with failure
- L Everything I do seems worthwhile
- M I can't be bothered doing anything
- N I feel I can do whatever I want to
- O I have lost interest in other people and don't care about them
- P Everything is going right for me
- Q I can express my feelings and emotions towards other people
- R I'm easy going
- S I seem to be left alone when I don't want to be

-
- T I wish I could change some parts of my life
 - U I seem to have no real drive to do anything
 - V The future looks good
 - W I become very lonely
 - X I can concentrate well on what I'm doing
 - Y I feel out of place
 - Z I think clearly and creatively
 - AA I feel alone
 - AB I feel free and easy
 - AC I smile and laugh a lot
 - AD I feel things are going my way
 - AE The world seems a cold and impersonal place
 - AF I feel I've made a mess of things again
 - AG I feel like hiding away
 - AH I feel confident about decisions I make
 - AI I feel depressed for no apparent reason
 - AJ I feel other people like me
 - AK I feel like a failure
 - AL I feel I'm a complete person
 - AM I'm not sure I'm done the right thing
 - AN My future looks good
 - AO I'm making the most out of my life
 - AP Everything is going right for me
 - AQ I feel unimportant
 - AR I feel as though there must be something wrong with me
 - AS I don't feel like making the effort to do anything
 - AT I feel confident in my dealings with the opposite sex
 - AU I want to hurt those who have hurt me
 - AV The results I have obtained make my efforts worthwhile

ADJECTIVES

Each of the objectives below describe a FEELING. Mark HOW OFTEN you had that feeling during the past few weeks;

- A Confident
- B Hopeless
- C Pleasant
- D Insignificant
- E Discontented
- F Healthy
- G Dejected
- H Annoyed
- I Down
- J Glad
- K Glowing
- L Relaxed
- M Comfortable
- N Moody
- O Understood
- P Blue
- Q Miserable
- R Joyful

S Tense
 T Insecure
 U Shaky
 V Satisfied
 W Safe
 X Successful
 Y Free
 Z Sad
 AA Good-natured
 AB Impatient
 AC Rejected
 AD Lively
 AE Frustrated
 AF Fearful
 AG Lonely
 AH Warm
 AI Contented
 AJ Good
 AK Secure
 AL Disappointed
 AM Understanding
 AN Depressed
 AO Low
 AP Calm
 AQ Unhappy
 AR Upset
 AS Empty
 AT Enthusiastic
 AU Happy
 AV Vibrant

Answer options:

0 not at all
 1 occasionally
 2 some of the time
 3 often
 4 all of the time

Summation:

-Positive Affect Score (PAS): mean positive items
 -Negative Affect Score (NAS): mean negative items
 -Affect Balance Score (ABS): PAS minus NAS
 Possible range - 4 to +4

A-CA/mh/ri/?/0/a

Interviewer rating

Interviewer rating of happiness, using flexible standards relative to the age of the subject.

Full instructions not reported.

A-CA/mh/ri/v/2/a

Interviewer-rating of cheerful appearance on 8 aspects

-
- A The look is
 - 2) open
 - 1) evasive
 - impossible to say
 - B The corners of the mouth turn
 - 2) up
 - 1) down
 - impossible to say
 - C The posture is
 - 2) relaxed, at ease
 - 1) rather tense
 - impossible to say
 - D The movements are
 - 2) relaxed, at ease
 - 1) limited, withdrawn
 - impossible to say
 - E The eyes are
 - 2) big, open
 - 1) small, screwn up
 - impossible to say
 - F The elbowes are kept
 - 2) not close to the body
 - 1) close to the body
 - impossible to say
 - G The lips are more
 - 2) broad, full
 - 1) thin, pend up
 - impossible to say
 - H All in all the subject looks
 - 2) quite cheerfull
 - 1) not very cheerfull
 - difficult to say

Scoring: sum of aspect ratings

Name: `Allensbacher Ausdruckstest'

Original text in German:

- A Der Blick ist-
 - 2) frei
 - 1) eher ausweichend
 - unmöglich zu sagen
- B Die Mundwinkel weisen -
 - 2) nach oben
 - 1) nach unten
 - unmöglich zu sagen
- C Die Haltung ist -
 - 2) locker, gelöst
 - 1) eher steif
 - unmöglich zu sagen
- D Die Bewegungen sind -

- 2) locker, gelöst
 1) sparsam, zurückhaltend
 - unmöglich zu sagen
 E Die Augen sind eher -
 2) grosz, offen
 1) klein, verengt
 - unmöglich zu sagen
 F Die Elbogen werden gehalten -
 2) nicht so eng am Körper
 1) eng am Körper
 - unmöglich zu sagen
 G Die Lippen sind eher -
 2) breit, voll
 1) schmal, verpreszt
 - unmöglich zu sagen
 H Die Beobagte sieht insgesamt
 2) ganz frohlich aus
 1) nicht so frohlich aus
 - schwer zu sagen

A-CP/c/rc/n/9/a

Clinical rating of cheerfulness:

Based on independent interviews by two psychologists with one week interval.

A-CP/g/fi/n/7/a

Rating cheerfull - glum on 9 step scale (rating scale not reported)

Selfreport in focussed interview:

Rating of cheerfulness by interviewer on the basis of an extensive interview.

Rating options:

7 cheerfull

6

5

4

3

2

1 gloomy

A-CP/g/fi/v/7/a

Selfreport in focussed interview

Rating two independant interviewers.

A. Psychiatric social worker who interviewed parents at home. Interview focussed on child

B. Clinical psychologist who interviewed parents separately. Interview focussed on family life.

Rating options:

7 extremely cheerfull, animated, jolly

6

5

4 usually good-humored air

3

2

	1 dejected, melancholic appearance, in the dumps
A-CP/g/rc/?/9/a	Summation: average ratings A and B Clinical rating of cheerfulness. Rating on the basis of interview-protocols by 2 or 3 independent judges of cheerfulness as personality descriptive variable from most uncharacteristic to most characteristic of the subject.
A-CP/mi/tsb/n/7/a	Rating options: scale rating from 1 to 9 (scale options not reported) Time sampling of happy behaviors The children were rated during the first 3 years of their lives, after 10, 11, 12, 13, 14, 15, 18, 21, 24, 27, 30 and 36 months of living for 'Emotional tone: unhappy - happy' on a 7-point scale. Scoring rated on 7-step numerical scale.
C-A/h/sq/v/3/a	Summation: Later the ratings of 10 - 12, 13 - 15, 18 - 24, and 27 - 36 months were combined. Rated on 7-step numerical scale. Selfreport on single question:
C-RG/h/sq/l/11/a	"How do you feel about what you have accomplished in life...?" 3 well satisfied 2 reasonable satisfied 1 dissatisfied: Selfreport on single question:
C-RG/u/sq/v/7/b	"How would you rate yourself as to how successful or unsuccessful you have been in terms of achieving your own goals and aims in life? Think of the top of the ladder as being completely successful, the bottom being entirely unsuccessful." [10] completely succesfull [9] [8] [7] [6] [5] [4] [3] [2] [1] [0] entirely unsuccessfull Selfreport on single question:
	"Some people have certain goals or aspirations for various aspects of their lives. They aim for a particular sort of home, income, family lifestyle, and so on. Compared to your general aims and goals, how would you say that your life measures up to it.....?" 1 not at all 2 fairly

	<ul style="list-style-type: none"> 3 poorly 4 half as well as your goal 5 fairly 6 well 7 matches your goal
C-W/u/sq/v/4/a	<p>Selfreport on single question:</p> <p>"Will people of your age get the things they want most in life.....?"</p> <ul style="list-style-type: none"> 4 I expect to get almost all the things I really want in life 3 I will probably get more of the things I want than not 2 There are several things I want in life but will probably not get 1 I will probably never get most of the things I really want in life
M-AO/g/mq*/0/a	<p>Selfreport on 3 questions:</p> <p>A "All in all, how much happiness would you say you find in life today.....?"</p> <ul style="list-style-type: none"> 3 a great deal 2 some but not very much 1 almost none <p>B "In general, how would you say you feel most of the time, in good spirits or in low spirits.....?"</p> <ul style="list-style-type: none"> 1 I am usually in low spirits 2 I am sometimes in good spirits, sometimes in low spirits 3 I am mostly in good spirits <p>C "On the whole, how satisfied are you with your way of life today.....?"</p> <ul style="list-style-type: none"> 4 very satisfied 3 fairly satisfied 2 not very satisfied 1 not satisfied at all
M-AO/u/mq*/0/a	<p>Items selected by Guttman scaling.</p> <p>Selfreport on 2 questions:</p> <p>A "Taking all things together, how would you say things are these days? Would you say you are.....?"</p> <ul style="list-style-type: none"> 1 not too happy 2 pretty happy 3 very happy <p>B "How often do you feel that you are really enjoying life.....?"</p> <ul style="list-style-type: none"> 1 rarely 2 now and than 3 fairly often 4 all the time
M-CO/h/sq/v/4/a	<p>Summation: factor score</p> <p>Selfreport on single question:</p> <p>"How do you feel things have worked out for you generally?"</p> <ul style="list-style-type: none"> 4 very well

M-FH/c/mq/?/7/a	<p>3 fairly well 2 not very well 1 not at all well</p> <p>Selfreport on 2 questions:</p> <p>A "avowed happiness at this moment of life....." B "avowed happiness over the past month....." (Full questions not reported)</p> <p>Response options: 1 2 3 4 5 6 (response labels not reported)</p>
M-FH/c/sq/v/7/a	<p>Summation : not reported</p> <p>Selfreport on single question:</p> <p>"Taking all things together, how would you say you have been this period? Check the frase that best describes how you have felt." 7 very happy 6 happy 5 somewhat happy 4 mixed (about equally happy and unhappy) 3 somewhat unhappy 2 unhappy 1 very unhappy</p>
M-FH/cm/sq/v/5/a	<p>Selfreport on single question:</p> <p>"How would you rate the last month of your life. Was it a happy or an unhappy time for you.....?" 5 very happy time 4 fairly happy time 3 happy nor unhappy 2 rather unhappy time 1 very unhappy time</p>
O-BW/c/sq/l/10/c	<p>Original text in German: "Wie wurden Sie den letzten Monat Ihres Lebens einstufen? War das für Sie eine glückliche oder eine unglückliche Zeit.....?" e sehr glückliche Zeit d recht glückliche Zeit c weder glücklich noch unglücklich b eher unglückliche Zeit a sehr unglückliche Zeit</p> <p>Selfreport on single question:</p> <p>"Here is a picture of a ladder. Suppose we say that the top of the ladder (10)</p>

represents the best possible life for you and the bottom (1) represents the worst possible life for you. Where on the ladder do you feel personally stand at the present time?

[9] best possible life for you
 [8]
 [7]
 [6]
 [5]
 [4]
 [3]
 [2]
 [1]
 [0] worst possible life for you

O-BW/c/sq/l/11/a

Name: Cantril's selfanchoring ladder rating of life (adapted version)
 Selfreport on single question:

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

[10] best possible life
 [9]
 [8]
 [7]
 [6]
 [5]
 [4]
 [3]
 [2]
 [1]
 [0] worst possible life

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

O-BW/c/sq/l/11/b

Name: Cantril's selfanchoring ladder rating of life (original)
 Selfreport on single question:

"Above you see a numbered ladder. Consider the top of the ladder as the best possible life and the bottom of the ladder as the worst possible life.

A Please place an X where you feel you are now.

B Place an Y at the point where you were five years ago.

C Please place a Z at the point that you feel you will be at five years from now.

[10] best possible life
 [9]
 [8]
 [7]

- [6]
- [5]
- [4]
- [3]
- [2]
- [1]
- [0] worst possible life

Question A is the case question.

O-BW/cy/sq/l/9/a Name: Cantril's selfanchoring ladder rating of life (modified version)
Selfreport on single question:

"Here is a picture of a ladder. At the bottom of the ladder is the worst life you might reasonably expect to have. At the top is the best life you might expect to have. Of course, life from week to week falls somewhere in between. Where was your life most of the time during the past year?"

- [9] best life you might expect to have
- [8]
- [7]
- [6]
- [5]
- [4]
- [3]
- [2]
- [1] worst life you might expect to have

O-DT/c/sq/v/7/aa Name: Cantril's selfanchoring ladder rating (modified version)
Selfreport on single question:

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

- 7 delightfull
- 6 very satisfying
- 5 satisfying
- 4 mixed
- 3 dissatisfying
- 2 very dissatisfying
- 1 terrible
- No opinion

O-DT/u/sq/v/7/a Name: Andrews & Withey's `Delighted-Terrible Scale' (modified version)
Selfreport on single question:

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

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

O-DT/u/sqt/v/10/a

1 terrible

Name: Andrews & Withey's `Delighted-Terrible Scale' (original version)
 Selfreport on single question asked twice in interview,

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

10 delightfull
 9
 8
 7
 6
 5
 4
 3
 2
 1 terrible

Summation: mean

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

Name: Andrews & Withey's `Delightfull-Terrible Scale' (modified version)
 Selfreport on single question, asked twice in interview:

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

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

Summation: arithmetic mean

O-GBB/u/sq/c/9/a

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

"Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"
 (circles not reproduced here)

8 + + + + + + + +
 7 + + + + + + + -
 6 + + + + + + - -
 5 + + + + + - - -
 4 + + + + - - - -
 3 + + + - - - - -
 2 + + - - - - - -
 2 + - - - - - - -
 0 - - - - - - - -

O-H?/?/sq/?/0/a	Name: Andrews & Withey's 'Circles Scale' Selfreport on single question:
O-H?/?/sq/n/7/a	".....happiness....." (Full text not reported) Selfreport on single question:
O-H?/c/sq/v/5/a	Lead item not reported. Response options: 7 happy 6 5 4 3 2 1 unhappy (Originally scored on a horizontal scale) Selfreport on single question:
O-HL/c/sq/v/3/aa	Lead item not reported Response options: 1 unhappy 2 not very happy 3 fairly happy 4 happy 5 very happy Selfreport on single question:
O-HL/c/sq/v/3/cb	'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 Selfreport on single question:
O-HL/c/sq/v/4/b	"In general, how happy are you these days" 3 very happy 2 pretty happy 1 not too happy 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....?"

	<p>d sehr glücklich c ziemlich glücklich b ziemlich unglücklich a sehr unglücklich</p>
O-HL/c/sq/v/5/e	<p>Selfreport on single question:</p> <p>"How happy do you feel as you live now? Please choose one item on this card that comes closest to your feeling.</p> <p>5 very happy 4 fairly happy 3 neither happy nor unhappy 2 fairly unhappy 1 very unhappy</p>
O-HL/c/sq/v/5/h	<p>Selfreport on single question</p> <p>'How happy are you now?'</p> <p>5 very happy 4 happy 3 neither happy nor unhappy 2 unhappy 1 very unhappy</p>
	<p>Original text in Danish: 'Hvor lykkelig er du for tiden?'</p> <p>5 meget lykkelig 4 lykkelig 3 hverken eller 2 ullykkelig 1 meget ullykkelig</p>
O-HL/q/sq/v/3/c	<p>Selfreport on single question:</p> <p>"In general, how happy would you say you are.....?"</p> <p>3 very happy 2 fairly happy 1 not too happy</p>
O-HL/u/sq/v/3/a	<p>Selfreport on single question:</p> <p>"Taking all together: how happy would you say you are? Would you say you are.....?"</p> <p>3 very happy 2 pretty happy 1 not too happy</p>
O-HL/u/sq/v/3/c	<p>Selfreport on single question:</p> <p>"Would you say:.....?"</p> <p>1 You are unhappy? 2 You are reasonably happy? 3 You are happy ?</p>
O-HL/u/sq/v/4/a	<p>Selfreport on single question:</p>

O-HL/u/sq/v/7/a	<p>"Taking all things together, would you say you are.....?"</p> <p>4 very happy 3 quite happy 2 not very happy 1 not at all happy.</p> <p>Selfreport on single question:</p>
O-HL/u/sq/v/7/b	<p>"Considering your life as a whole, would you describe it as.....?"</p> <p>1 very happy 2 unhappy 3 4 an even mixture of unhappiness and happiness 5 happy 6 7 very happy no opinion</p> <p>Selfreport on single question:</p>
O-HP/g/mq/v/5/a	<p>"How do you feel how happy you are.....?"</p> <p>7 delighted 6 pleased 5 mostly satisfied 4 mixed (about equally satisfied and dissatisfied) 3 mostly 2 unhappy 1 terrible</p> <p>Selfreport on 6 questions:</p>
O-QLS/c/sq/v/5/a	<p>" Describe the kind of person you are. Please read each sentence, then mark how often it is true for you"</p> <p>1 I feel like smiling 2 I generally feel in good spirits 3 I feel happy 4 I am very satisfied with life 5 I find a good deal of happiness in life 6 I feel sad</p> <p>Response options: 5 almost always true 4 often true 3 sometimes true 2 seldom true 1 never true</p> <p>Summation: average Possible range: 1 to 5</p> <p>Selfreport on single question:</p> <p>"When you take everything into consideration, your child, your adult life, etc, how</p>

O-SLC/q/fi/v/7/b	<p>would you describe your current life situation.....?'</p> <p>1 things are very bad right now</p> <p>2</p> <p>3</p> <p>4</p> <p>5 things are very good</p> <p>(Response options not fully reported)</p> <p>Selfreport in focussed interview</p>
O-SLL/q/sq/v/4/a	<p>Two independent interviews. Each interviewer rated `satisfaction with lot' on the same scale.</p> <p>1 tremendously satisfied</p> <p>2</p> <p>3</p> <p>4 average</p> <p>5</p> <p>6</p> <p>7 extremely dissatisfied</p> <p>Selfreport on single question:</p>
O-SLu/c/sq/l/11/a	<p>"In general, how satisfied are you with your way of life.....?"</p> <p>4 quite satisfied</p> <p>3 fairly satisfied</p> <p>2 sometimes dissatisfied</p> <p>1 usually dissatisfied</p> <p>Selfreport on single question :</p>
O-SLu/c/sq/n/7/a	<p>"Some people seem to be quite happy and satisfied with their lives, while others seem quite unhappy and dissatisfied. Now look at this ladder (again). Suppose that a person who is entirely satisfied with his life would be at the top of the ladder and a person who is extremely dissatisfied with his life would be at the bottom of the ladder. Where would you put yourself on the ladder at the present stage of your life in terms of how satisfied or dissatisfied you are with your personal life?"</p> <p>[10] entirely satisfied</p> <p>[9]</p> <p>[8]</p> <p>[7]</p> <p>[6]</p> <p>[5]</p> <p>[4]</p> <p>[3]</p> <p>[2]</p> <p>[1]</p> <p>[0] entirely dissatisfied</p> <p>Name Cantril ladder rating (modified version)</p> <p>Selfreport on single question:</p> <p>"Overall, how satisfied are you with your life as it is at this time.....?"</p> <p>1 completely dissatisfied</p> <p>2</p>

	3
	4 neutral
	5
	6
	7 completely satisfied
O-SLu/c/sq/v/5/a	Selfreport on single question:
	"Overall, how satisfied are you with your present life.....?"
	Please choose from this card that is closest to your feeling.
	5 very satisfied
	4 fairly satisfied
	3 neither satisfied nor dissatisfied
	2 fairly dissatisfied
	1 very dissatisfied
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-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/10/aa	Selfreport on single question:
	"All things considered, how satisfied are you with your life as-a-whole now.....?"
	1 dissatisfied
	2
	3

	4
	5
	6
	7
	8
	9
	10 satisfied
O-SLW/c/sq/n/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 unsatisfied 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
	Original 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/v/5/d	Selfreport on single question:
	"Taking everything into consideration, how satisfied are you with life in general at the present time? Would you say you are.....?"
	5 extremely satisfied
	4 very satisfied
	3 fairly satisfied
	2 slightly satisfied
	1 not satisfied"
O-SLW/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

	<p>1 very dissatisfied - Do not know, difficult to say</p>
O-SLW/u/sq/f/7/a	<p>In Swedish: "Ar du pa det hela taget nojd eller missnojd met livet i des helnet just nu?" Selfreport on single question: "Which face comes closest to expressing how you feel about your life as a whole?" Rated on pictorial scale, consisting of seven faces varying from smiles to frowns. 7 smiling cheerful face 6 5 4 neutral face 3 2 1 frowning depressed face (Pictures not reproduced here)</p>
O-SLW/u/sq/l/7/a	<p>Selfreport on single question: "How do you feel about your life as a whole?" Rated on a seven step quality of life ladder was marked with a smiling face and marked 'GOOD'. The bottom marked with a frowning face and the word 'BAD' [7] Good, picture of smiling face [6] [5] [4] [3] [2] [1] Bad, picture of frowning face (Pictures not reproduced here)</p>
O-SLW/u/sq/n/5/b	<p>Selfreport on single question: "Taking all together, how satisfied are you with your life as a whole.....?" 5 very satisfied 4 3 2 1 not at all satisfied Numbers presented in reversed order (very satisfied '1', not t all satisfied '5')</p>
O-SLW/u/sq/v/6/a	<p>In German: "Wiezufrieden sind Sie, alles im allem gesehen, mit Iherm Leben insgesamt....?" 5 sehr zufrieden 2 3 2 1 gar nicht zufrieden Selfreport on single question:</p>

"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

O-Sum/q/rc/v/7/a

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

Ratings by four judges on the basis of notes from observations and interviews between age 12-18.

Ratings were made on the following dimensions:

- A. discontented
- B. unhappy
- C. dissatisfied
- D. complaints

Rating options:

- 1 not at all true
- 2
- 3
- 4 average
- 5
- 6
- 7
- 8 extremely true

O-Sum/u/mq/*/0/a

Summation: not reported
Selfreport on 3 questions:

A. "Dissatisfied" and "Unhappy" responses on the Block (1961) Adjective Rating List.

B. Overall happiness. Single direct question: "Taking all things together, how would you say things are these days? Would you say you are"?

- 3 very happy
- 2 pretty happy
- 1 not too happy

C. Present-year score on Life-Evaluation Chart, ranging from:

- 1 low
- 2
- 3
- 4
- 5
- 6
- 7

8
9 high

On the web you will find an overview of valid queries on happiness and an explanation of the classification used. Go to: www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm. This is the introductory text to the Catalog of Happiness Queries.

Appendix 2 *Statistics used in reported studies*

<i>Symbol</i>	<i>Explanation</i>
AoV	<p>ANALYSIS of VARIANCE (ANOVA) Type: statistical procedure Measurement level: Correlate(s): nominal, Happiness: metric. In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to $N_e - 1$ for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value.</p> <p>NOTE: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN's MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS)</p>
Beta	<p>(β) STANDARDIZED REGRESSION COEFFICIENT Type: test statistic. Measurement level: Correlates: all metric, Happiness!: metric. Range: [-1 ; +1]</p> <p>Meaning: $\beta > 0$ « a higher correlate level corresponds with, on an average, higher happiness rating. $\beta < 0$ « a higher correlate level corresponds with, on an average, lower happiness rating. $\beta = 0$ « no correlation. $\beta = + 1$ or -1 « perfect correlation.</p>
Chi ²	<p>CHI-SQUARE Type: test statistic Range: [0; $N_e * (\min(c,r)-1)$], where c and r are the number of columns and rows respectively in a cross tabulation of N_e sample elements.</p> <p>Meaning: $\chi^2 \leq (c-1) * (r-1)$ means: no association $\chi^2 \gg (c-1) * (r-1)$ means: strong association</p>
D%	<p>DIFFERENCE in PERCENTAGES Type: descriptive statistic only. Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous Range: [-100; +100]</p>
DM	<p>Meaning: the difference of the percentages happy people at two correlate levels. DIFFERENCE of MEANS</p>

	<p>Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Range: depending on the happiness rating scale of the author; range symmetric about zero.</p>
DMa	<p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels. DIFFERENCE IN ADJUSTED MEANS, See also Ma Computed in Analysis of Covariance (ANCOVA) or in multiple classification analysis (MCA)</p>
DMr	<p>Seldom used in happiness research. See excerpted report for further reference. DIFFERENCE IN MEAN RIDITS Type: test statistic Measurement level: Happiness ordinal Range: [0; +1]</p> <p>Meaning: Mr < .50: average happiness in this subgroup lower than in the larger population Mr = .50: average happiness in this subgroup the same as in the larger population Mr > .50: average happiness in this subgroup higher than in the larger population</p> <p>'Ridit analysis' compares the distribution of happiness scores in subgroups to its distribution in the entire sample ("Relative to an Identified Distribution")</p>
DMt	<p>Testing for significance can be performed through a "BROSS Confidence Interval" (BCI). If all values the BCI for a subgroup are above/below 0.500, the subgroup is significantly more/less happy than the larger population. DIFFERENCE of MEANS AFTER TRANSFORMATION Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Theoretical range: [-10; +10]</p>
E ²	<p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels. CORRELATION RATIO (Elsewhere sometimes called h² or ETA) Type: test statistic Measurement level: Correlate: nominal or ordinal, Happiness: metric Range: [0; 1]</p>
G	<p>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 GOODMAN & Kruskal's GAMMA Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1]</p> <p>Meaning: G = 0 « no rank correlation</p>

	<p>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.</p>
mr	<p>Mean correlation coefficient (r). For r, see PRODUCT-MOMENT CORRELATION</p>
r	<p>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also 'Pearson's correlation coefficient' or simply 'correlation coefficient') Type: test statistic. Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1]</p> <p>Meaning: r = 0 « no correlation , r = 1 « perfect correlation, where high correlate values correspond with high happiness values, and r = -1 « perfect correlation, where high correlate values correspond with low happiness values.</p>
rpc	<p>PARTIAL CORRELATION COEFFICIENT Type: test statistic Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1]</p> <p>Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores. Under that conditions rpc > 0 « a higher correlate level corresponds with a higher happiness rating, rpc < 0 « a higher correlate level corresponds with a lower happiness rating,</p>
rs	<p>SPEARMAN'S RANK CORRELATION COEFFICIENT Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal. Range: [-1; +1]</p> <p>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</p>
SNR	Statistic Not Reported
βL	<p>PATH COEFFICIENT OBTAINED IN A LISREL MODEL. Range: unlimited, but seldom exceeds [-1, +1].</p> <p>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.</p>
tb	<p>KENDALL'S RANK CORRELATION COEFFICIENT TAU-B Type: test statistic</p>

Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:

tb = 0 « no rank correlation

tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.

tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

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.

W

WILCOXON'S SIGNED RANK TEST.

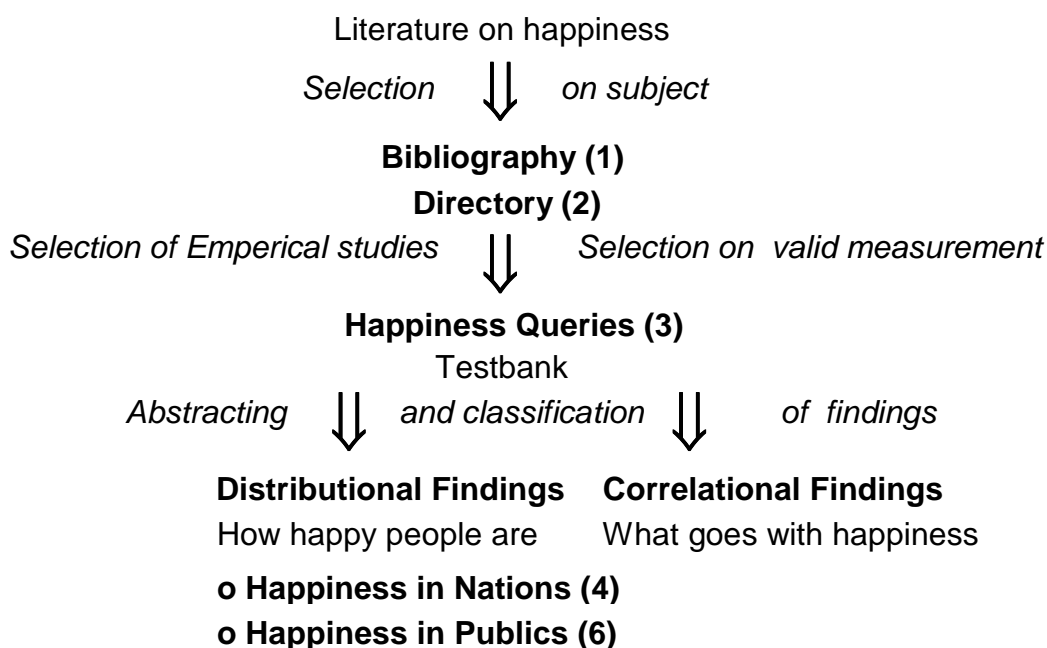
Type: test statistic

Seldom used in happiness research. See excerpted report for further reference.

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:



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- 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

<i>Main Category's</i>	<i>Category Name</i>	<i>Number of Studies in this Category</i>
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
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End of Report