World Database of Happiness

Correlational Findings

© on data collected: Ruut Veenhoven, Erasmus University Rotterdam

Findings on Happiness & MEANING

Correlate Code: M 5

Classification of Findings		*Number of Studies*
Correlate Code	*Correlate Name*	*on this Subject*
M 5	MEANING	0
M 5.1	Meaning career	1
M 5.2	Current meaning of life	7
M 5.2.1	Perceived usefullness of one's life	3
M 5.2.2	Perceived meaning of life in general	0
M 5.3	Satisfaction with meaning	4
M 5.2.3	Feeling part of larger whole	3

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

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

Study	**VENTE 1996**	*Page in Report:*	166

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

Measured Correlate

Class:	Meaning career Code: M 5.1
Measurement:	Single question: " Do you think your work is meaningful?" a1: no a2: not sure a3: yes b: unemployed
Measured Values:	N:All:3932; %:a1:4,8; a2:11,3; a3:73,5
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a		a1: Mt=7.01 a2: Mt=7.19 a3: Mt=8.11 b: Mt=7.25
O-HL/c/sq/v/5/h		a1: Mt=6.33 a2: Mt=6.51 a3: Mt=7.31 b: Mt=6.59
O-SLu/c/sq/v/5/e		a1: Mt=6.46 a2: Mt=6.79 a3: Mt=7.83 b: Mt=6.81

Study	**VENTE 1995**	*Page in Report:*	256

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

Measured Correlate

Class:	Current meaning of life Code: M 5.2
Measurement:	Single question: "Do you feel that your life has a meaning ?" 1: no 2: not sure 3: yes
Measured Values:	N: 1:73, 2:260, 3:1103
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.39	p<.00	1: Mt=5.75 2: Mt=6.56 3: Mt=8.23 All Mt=7.80
O-HL/c/sq/v/5/h	r=+.38	p<.00	1: Mt=5.24 2: Mt=5.76 3: Mt=7.36 All Mt=6.96
O-SLu/c/sq/v/5/e	r=+.46	p<.00	1: Mt=5.18 2: Mt=5.90 3: Mt=7.99 All Mt=7.46

Study	**VENTE 1995**	*Page in Report:*	168

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

Measured Correlate

Class:	Current meaning of life Code: M 5.2
Measurement:	Single question:
	"Do you feel your life has a meaning?"
	1: no
	2: not sure
	3: yes
Measured Values:	N: 1:46, 2:181, 3:790
Error Estimates:	
Remarks:	Ss in laborforce only

Observed Relation with Happiness

Happiness Query	Statistics	Remarks		
			unemployed	employed
A-AOL/m/sq/v/5/a	DMt=+	no meaning in life	Mt= 5.36	6.25
		uncertain about meaning	Mt= 6.65	6.50
		meaning in life	Mt= 8.08	8.34
			unemployed	employed
O-HL/c/sq/v/5/h	DMt=+	no meaning in life	Mt= 5.18	5.31
		uncertain about meaning	Mt= 5.46	5.80
		meaning in life	Mt= 7.35	7.43
			unemployed	employed
O-SLu/c/sq/v/5/e	DMt=+	no meaning in life	Mt= 5.36	5.08
		uncertain about meaning	Mt= 5.40	5.79
		meaning in life	Mt= 7.63	8.06

Note: "Ss in laborforce only" appears overlapping in the A-AOL row.

Study	**VENTE 1995**	*Page in Report:*	132,160

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

Measured Correlate

Class:	Current meaning of life Code: M 5.2
Measurement:	Single question:
	"Do you feel your work is meaningful ?"
	1: no
	2: not sure
	3: yes
Measured Values:	N: 1:53, 2:109, 3:690
Error Estimates:	
Remarks:	employed Ss only

Observed Relation with Happiness

Happiness Query	Statistics		Remarks	
A-AOL/m/sq/v/5/a	r=+.12	p<.00	1: Mt=6.98 2: Mt=7.86 3: Mt=8.01 All Mt=7.94	employed Ss only
O-HL/c/sq/v/5/h	r=+.17	p<.00	1: Mt=6.04 2: Mt=6.70 3: Mt=7.21 All Mt=7.08	
O-SLu/c/sq/v/5/e	r=+.24	p<.00	1: Mt=6.23 2: Mt=6.81 3: Mt=7.79 All Mt=7.56	

Study	**VENTE 1996**	*Page in Report:*	266

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

Measured Correlate

Class:	Current meaning of life Code: M 5.2
Measurement:	Single question: "Do you feel that your life has a meaning?" 1: no 2: not sure 3: yes
Measured Values:	N: All:4567; 1:290; 2:828; 3:3449
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.45	p<.00	1: Mt=5.31 2: Mt=6.39 3: Mt=8.28
O-HL/c/sq/v/5/h	r=+.43	p<.00	1: Mt=4.93 2: Mt=5.68 3: Mt=7.53
O-SLu/c/sq/v/5/e	r=+.50	p<.00	1: Mt=4.55 2: Mt=5.83 3: Mt=8.05

Study	**VENTE 1996**	*Page in Report:*	174

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

Measured Correlate

Class:	Current meaning of life Code: M 5.2
Measurement:	with/without meaning in life
	unemployed :
	a1: no meaning
	a2: uncertain about meaning
	a3: with meaning in life
	employed:
	b1: no meaning
	b2: uncertain about meaning
	b3: with meaning in life
Measured Values:	N All:4122; %:a1:2,2; a2:3,3; a3:7,5; b1:3,6; b2:14,5; b3:68,9
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*	
A-AOL/m/sq/v/5/a		unemployed	employed
		a1: Mt=4.98	b1: Mt=5.90
		a2: Mt=6.23	b2: Mt=6.44
		a3: Mt=7.94	b3: Mt=8.35
O-HL/c/sq/v/5/h		unemployed	employed
		a1: Mt=43.76	b1: Mt=5.19
		a2: Mt=5.55	b2: Mt=5.65
		a3: Mt=7.21	b3: Mt=7.58
O-SLu/c/sq/v/5/e		unemployed	employed
		a1: Mt=4.13	b1: Mt=5.04
		a2: Mt=5.65	b2: Mt=5.85
		a3: Mt=7.70	b3: Mt=8.11

Study	**VENTE 1996**	*Page in Report:*	166

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

Measured Correlate

Class:	Current meaning of life Code: M 5.2
Measurement:	Single question: " Do you think your work is meaningful?" a1: no a2: not sure a3: yes b: unemployed
Measured Values:	N:All:3932; %:a1:4,8; a2:11,3; a3:73,5
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a		a1: Mt=7.01 a2: Mt=7.19 a3: Mt=8.11 b: Mt=7.25
O-HL/c/sq/v/5/h		a1: Mt=6.33 a2: Mt=6.51 a3: Mt=7.31 b: Mt=6.59
O-SLu/c/sq/v/5/e		a1: Mt=6.46 a2: Mt=6.79 a3: Mt=7.83 b: Mt=6.81

Study	**VENTE 1996**	*Page in Report:*	140

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

Measured Correlate

Class:	Current meaning of life Code: M 5.2
Measurement:	Single question:
	Do you feel your work is meaningful ?
	1 no
	2 not sure
	3 yes
Measured Values:	N All:3545; %:1:5,4; 2:12,6; 3:82
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=-.18	p<..00	1: Mt=7.03
			2: Mt=7.19
			3: Mt=8.11
O-HL/c/sq/v/5/h			1: Mt=6.31
			2: Mt=6.50
			3: Mt=7.31
O-SLu/c/sq/v/5/e			1: Mt=6.48
			2: Mt=6.79
			3: Mt=7.83

Study **ABE   1986**

		Page in Report:	261

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

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

Sample: Non-probability chunk sample

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

N: Patients:216
Controls:216

Measured Correlate

Class: Perceived usefullness of one's life Code: M 5.2.1

Measurement: `Single direct question:Do you think you are contributive to your family or community?`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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

Study   **KAMMA 1983/2**   *Page in Report:*

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

Measured Correlate

Class:	Perceived usefullness of one's life Code: M 5.2.1
Measurement:	Single direct question how one felt during the instructed time period (or otherwise in the past few weeks): "How often have you felt usefull?" Rated on a 5-point sclae ranging from 'not at all' to 'all the time'
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BK/cm/mq/v/5/a	r=+.54	p<.01	
M-FH/c/sq/v/7/a	r=+.33	p<.01	

Study	**KEYES 1998**		*Page in Report:*	132

Reported in:	Keyes, C.L. Social Well-Being Social Psychology Quarterly 1998, Vol. 61, 121-140
Population:	18 + aged, Dane County, Wisconsin USA, 1994
Sample:	Probability simple random sample
Non-Response:	37%
N:	373

Measured Correlate

Class:	Perceived usefullness of one's life Code: M 5.2.1
Measurement:	Respondents indicated (dis)agreement with the following statements: You think/believe/feel a) Your behavior has impact on others (+) b) You have something valuable to give to the world (+) c) Your daily activities do not produce anything worthwhile for your community (-) d) You don't have time or energy to give anything to your community (-) e) Your work provides an important product for society (+) f) You have nothing important to contribute to society (-) Items with (-) are reverse scored on scale ranging from 1.strongly 2.moderately 3.slightly disagree 4.slightly 5.moderately 6.strongly agree
Measured Values:	M = 30.3 SD = 5.2
Error Estimates:	Metric Loading ranging from .86 to 1.2 validity coefficient ranging from .49 to .65 Alpha Reliability .75
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-SLu/h/sq/v/4/a	r=+.20	p<.01	
O-SLW/cm/sq/v/4/a	r=+.27	p<.01	

Study	**ANDRE 1976/4**	*Page in Report:*	112

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

Measured Correlate

Class:	Satisfaction with meaning Code: M 5.3
Measurement:	Closed question: "How do you feel about how much you are really contributing to other people's lives?" Rated on a 7-point scale: terrible/ unhappy/ moslty dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	E²=+.43	

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

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

Measured Correlate

Class:	Satisfaction with meaning Code: M 5.3
Measurement:	Closed question: "How do you feel about how much you are really contributing to other people's lives?" Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	r=+.32	

Study	**FORTI 1983**	*Page in Report:*
Reported in:	Th.J. Forti, M.S. Hyg	
	A Documented Evaluation of Primary Prevention through Consultation	
	Community Mental Health Journal, 1983, p 290-304	
Population:	Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981	
Sample:		
Non-Response:	T1: 18%, T2: 14%, T3: 23%	
N:	T1: 146, T2: 154, T3: 137	

Measured Correlate

Class:	Satisfaction with meaning Code: M 5.3
Measurement:	Single closed question: 'How do you feel about contributing to other people's lives?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) neither. (order reversed)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/u/sq/f/7/a	r=+	T1: 1977 r= +.28 (01)
		T2: 1979 r= +.38 (01)
		T3: 1981 r= +.38 (01)
		Both variables assessed at T1, T2, and T3.
		Correlation concerns same time measures.

Study	**VENTE 1995**	*Page in Report:*	418
Reported in:	Ventegodt, S.		
	Livskvalitet i Danmark.(Quality of Life in Denmark)		
	Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017		
Population:	18-88 aged, general public, Denmark, 1993		
Sample:	Non-probability purposive sample (unspecified)		
Non-Response:	39%		
N:	1494		

Measured Correlate

Class:	Satisfaction with meaning Code: M 5.3
Measurement:	Single question: "How well is your need to be useful fulfilled at present?" 1: very badly 2: badly 3: neither well nor badly 4: well 5: very well
Measured Values:	N: all:1409, 1:8, 2:86, 3:360, 4:665, 5:290
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.32	p<.00	1: Mt=2.50 2: Mt=5.93 3: Mt=7.46 4: Mt=7.90 5: Mt=8.58 All Mt=7.78
O-HL/c/sq/v/5/h	r=+.36	p<.00	1: Mt=2.50 2: Mt=5.20 3: Mt=6.51 4: Mt=7.10 5: Mt=7.85 All Mt=6.96
O-SLu/c/sq/v/5/e	r=+.41	p<.00	1: Mt=1.56 2: Mt=5.06 3: Mt=7.05 4: Mt=7.61 5: Mt=8.46 All Mt=7.45

Study	**VENTE 1995**	*Page in Report:*	362

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	ISBN 8790190017
Population:	18-88 aged, general public, Denmark, 1993
Sample:	Non-probability purposive sample (unspecified)
Non-Response:	39%
N:	1494

Measured Correlate

Class:	Feeling part of larger whole Code: M 5.2.3
Measurement:	Single question:
	"Do you feel part of a larger whole?"
	1: no
	2: not sure
	3: yes
Measured Values:	N: all:1424, 1:158, 2:335, 3:931
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.23	p<.00	1: Mt=6.73
			2: Mt=7.41
			3: Mt=8.11
			All Mt=7.79
O-HL/c/sq/v/5/h	r=+.28	p<.00	1: Mt=5.65
			2: Mt=6.66
			3: Mt=7.29
			All Mt=6.96
O-SLu/c/sq/v/5/e	r=+.30	p<.00	1: Mt=6.08
			2: Mt=6.98
			3: Mt=7.86
			All Mt=7.46

Study	**VENTE 1996**	*Page in Report:*	388

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	Forskningscenter for Livskvalitet,
	Forskningscentrets Forlag, København 1996,
	ISBN 8790190068
Population:	Persons born at the University Hospital in Copenhagen 1959-1961
Sample:	Non-probability purposive sample (unspecified)
Non-Response:	39%
N:	4500

Measured Correlate

Class:	Feeling part of larger whole Code: M 5.2.3
Measurement:	Single question:
	" How are your current relations with nature ?"
	1: very bad
	2: bad
	3: neither/nor
	4: good
	5: very good
Measured Values:	N: All:4365: %:1:1,8; 2:5,4; 3:26,4; 4:73,2; 5:76,4
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.19	p<.00	1: Mt=6.93
			2: Mt=7.03
			3: Mt=7.30
			4: Mt=7.90
			5: Mt=8.30
O-HL/c/sq/v/5/h	r=+.20	p<.00	1: Mt=5.96
			2: Mt=6.51
			3: Mt=6.49
			4: Mt=7.20
			5: Mt=7.59
O-SLu/c/sq/v/5/e	r=+.20	p<.+.20	1: Mt=6.24
			2: Mt=6.64
			3: Mt=6.94
			4: Mt=7.61
			5: Mt=8.01

Study	**VENTE 1996**	*Page in Report:*	384

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	Forskningscenter for Livskvalitet,
	Forskningscentrets Forlag, København 1996,
	ISBN 8790190068
Population:	Persons born at the University Hospital in Copenhagen 1959-1961
Sample:	Non-probability purposive sample (unspecified)
Non-Response:	39%
N:	4500

Measured Correlate

Class:	Feeling part of larger whole Code: M 5.2.3
Measurement:	Single question:
	" Do you feel part of a larger whole ?"
	1: no
	2: not sure
	3: yes
Measured Values:	N: All:4553; %: 1:12,2; 2:21,7; 3:75,1
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-AOL/m/sq/v/5/a	r=+.27	p<.00	1: Mt=6.51
			2: Mt=7.23
			3: Mt=8.14
O-HL/c/sq/v/5/h	r=+.27	p<.00	1: Mt=5.86
			2: Mt=6.56
			3: Mt=7.39
O-SLu/c/sq/v/5/e	r=+.31	p<.00	1: Mt=5.98
			2: Mt=6.84
			3: Mt=7.89

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

A-AOL/m/sq/v/5/a	Single direct question: 'How are you feeling now....?' 5 very good 4 good 3 neither good nor poor 2 poor 1 very poor Original text in Danish: 'Hvordan har du det for tiden? 5 meget godt 4 godt 3 hverken godt eller darligt 2 dårligt 1 meget dårligt
A-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

M-FH/c/sq/v/7/a	Selfreport on single question:

"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

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

"Which face comes closest to expressing feeling about life as a whole?",
7 delighted
6 very satisfying
5 satisfying
4 mixed
3 dissatisfying
2 very dissatisfying
1 terrible
-   No opinion

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

Name: Andrews & Withey's "Delighted-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-HL/c/sq/v/5/h

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

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

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

O-SL?/c/sq/v/3/a

Selfreport on single question:

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

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

Selfreport on single question:

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

Original text in Danish:
'Hvor tilfreds er du med dit liv for tiden?'

	5 meget tilfreds
	4 tilfreds
	3 hverken tilfreds eller utilfreds
	2 utilfreds
	1 meget utilfreds
O-SLu/h/sq/v/4/a	Selfreport on single question:
	Ss were asked to pretend for a moment that their life would end next weekand then indicate how happy they felt about the life they been able to live. (Full question not reported)
	4 very satisfied
	3 somewhat satisfied
	2 a little satisfied
	1 not at all satisfied
O-SLW/cm/sq/v/4/a	Selfreport on single question
	'….satisfied with global life right now….'
	(full question not reported)
	4 very satisfied
	3 somewhat satisfied
	2 a little satisfied
	1 not at all satisfied

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.
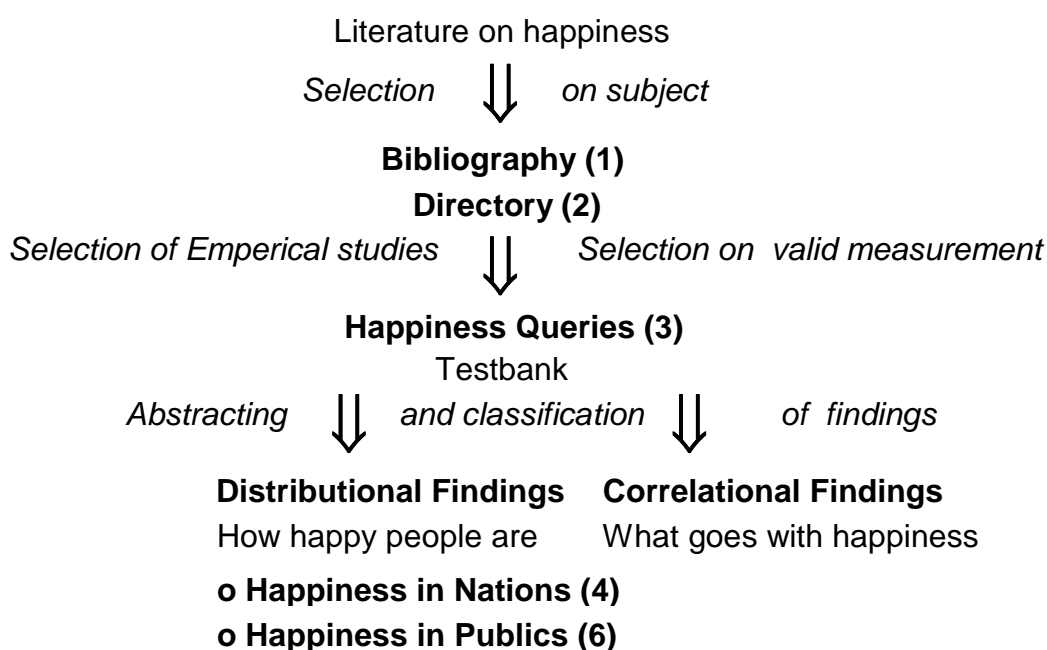
Appendix 2   Statistics used in reported studies

Symbol	*Explanation*
DM	DIFFERENCE of MEANS Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Range: depending on the happiness rating scale of the author; range symmetric about zero. Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.
DMt	DIFFERENCE of MEANS AFTER TRANSFORMATION Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Theoretical range: [-10; +10] Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.
E^2	CORRELATION RATIO (Elsewhere sometimes called h^2 or ETA) Type: test statistic Measurement level: Correlate: nominal or ordinal, Happiness: metric Range: [0; 1] Meaning: correlate is accountable for E^2 x 100 % of the variation in happiness. $E^2 = 0$ « knowledge of the correlate value does not improve the prediction quality of the happiness rating. $E^2 = 1$ « knowledge of the correlate value enables an exact prediction of the happiness rating
r	PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient' or simply 'correlation coefficient') Type: test statistic. Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1] Meaning: r = 0 « no correlation , r = 1 « perfect correlation, where high correlate values correspond with high happiness values, and r = -1 « perfect correlation, where high correlate values correspond with low happiness values.

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

Appendix 3: About the World Database of Happiness

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

Literature on happiness

Selection ⇓ *on subject*

Bibliography (1)

Directory (2)

Selection of Emperical studies ⇓ *Selection on valid measurement*

Happiness Queries (3)

Testbank

Abstracting ⇓ *and classification* ⇓ *of findings*

Distributional Findings   **Correlational Findings**

How happy people are   What goes with happiness

o Happiness in Nations (4)

o Happiness in Publics (6)

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

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

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

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

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

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

Appendix 4   Further Findings in the World Database of Happiness

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

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

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

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

Appendix 5   Related Topics

This Topic		*Related Topics*	
Classification Page 1		*In Subject List on Appendix 4*	
M 5	MEANING	A 6	ANOMY
			ALIENATION
M 5.1	Meaning career	M 13.3.7	Feeling full (vs empty)
		L 4.3.1.12	. meaningful (vs useless)
M 5.2	Current meaning of life	R 1.2	Current religious beliefs
M 5.2.1	Perceived usefullness of one's life	S 2.2.6	Self-perceived usefulness
		L 4.3.1.12	. meaningful (vs useless)
M 5.2.2	Perceived meaning of life in general	A 6	ANOMY
			ALIENATION
M 5.2.3	Feeling part of larger whole	R 1.2	Current religious beliefs
			ALIENATION
M 5.3	Satisfaction with meaning		

End of Report