



World Database of Happiness

Correlational Findings

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Findings on Happiness & CONCERNS

Correlate Code: C 8

Classification of Findings

Number of Studies on this Subject

<i>Correlate Code</i>	<i>Correlate Name</i>	
C 8	CONCERNS	0
C 8.1	Concern career	1
C 8.2	Current concerns	1
C 8.2.1	Pattern of concerns	0
C 8.2.2	Specific concerns	13

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- 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

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

Study	BACHM 1978*	<i>Page in Report:</i>
<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 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

<i>Class:</i>	Concern career Code: C 8.1
<i>Measurement:</i>	A mean of 6 items measuring respondent's concern about overpopulation and his perception of what an ideal population size would be for the U.S. and for the world. Scale: 1.00 = low to 5.00 = high concern about overpopulation. Assessed at T4 and T5
<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-HP/g/mq/v/5/a	tau=- ns	Concern about overpopulation
		Happiness T4 T5
		T1 _ = -.04 -.00
		T2 _ = -.01 -.01
		T3 _ = -.02 -.02
		T4 _ = -.02 -.01
		All _ not significant
		T1: 1966, T2: 1968, T3: 1969, T4: 1970, T5: 1974

Study	BRINK 1997C	<i>Page in Report:</i>	269
<i>Reported in:</i>	Brinkerhoff, M & Fredell, K & Frideres, J Basic minimum needs, Quality of life and selected correlates: explorations in villages Social Indicators Research,42, p 245-281		
<i>Population:</i>	Adult, general public, two poor rural villages, Garhwal area, Northern India, 1996		
<i>Sample:</i>	Non-probability purposive-quota sample		
<i>Non-Response:</i>	341		
<i>N:</i>	not rep		

Measured Correlate

Class: Current concerns Code: C 8.2

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-H?/?/sq/f/7/a	r=-.11 ns	
O-SLu/?/sq/l/5/a	r=-.23 p<.001	

Study	BACHM 1978	Page in Report:
<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: Specific concerns Code: C 8.2.2

Measurement: A mean of 6 items measuring respondent's concern about overpopulation and his perception of what an ideal population size would be for the U.S. and for the world. Scale: 1.00 = low to 5.00 = high concern about overpopulation. Assessed at T4 and T5

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HP/g/mq/v/5/a	tau=- ns	Concern about overpopulation
		Happiness T4 T5
		T1 _ = -.04 -.00
		T2 _ = -.01 -.01
		T3 _ = -.02 -.02
		T4 _ = -.02 -.01
		All _ not significant
		T1: 1966, T2: 1968, T3: 1969, T4: 1970, T5: 1974

Study	BRADB 1965/1	<i>Page in Report:</i>	54
<i>Reported in:</i>	Bradburn, N.M. & Caplovitz D. Reports on happiness Aldine Publishing Company, 1965, Chicago USA		
<i>Population:</i>	Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	2006		

Measured Correlate

Class: Specific concerns Code: C 8.2.2

Measurement: Closed questions: "Last week how often did you think about"
not at all / sometimes / often

1. Getting ahead
2. Money
3. Personal enemies
4. Work
5. Marriage
6. Bringing up children

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=	
		1. High S. E. S. -group only: $G' = -.06$ (ns)
		2. Unaffected by S. E. S. : $G' = -.22$ (01)
		3. High S. E. S. : $G' = -.32$ (01) Low S. E. S. : $G' = -.27$ (05)
		4. High S. E. S. : $G' = -.08$ (ns)

	Low S. E. S.	: G' = -. 11 (05)
5.	Hi gh S. E. S.	: G' = -. 07 (ns)
	Low S. E. S.	: G' = -. 03 (ns)
6.	Hi gh S. E. S.	: G' = +. 06 (ns)
	Low S. E. S.	: G' = +. 02 (ns)

Study	BRADB 1965/1	Page in Report:	54
<i>Reported in:</i>	Bradburn, N.M. & Caplovitz D. Reports on happiness Aldine Publishing Company, 1965, Chicago USA		
<i>Population:</i>	Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	2006		

Measured Correlate

Class: Specific concerns Code: C 8.2.2

Measurement: Closed questions: "Last week how often did you think about"
not at all / sometimes / often

1. Growing old
2. Death
3. Health
4. Atom bomb or fallout

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/aa	G= -	
		1. High S. E. S. : G' = -. 55 (01) Low S. E. S. : G' = -. 52 (01)
		2. Low S. E. S. -group only : G' = -. 34 (01)
		3. High S. E. S. : G' = -. 31 (01) Low S. E. S. : G' = -. 37 (01)
		4. High S. E. S. : G' = -. 04 (ns) Low S. E. S. : G' = -. 26 (05)

Study	BRINK 1997C	<i>Page in Report:</i>	269
<i>Reported in:</i>	Brinkerhoff, M & Fredell, K & Frideres, J Basic minimum needs, Quality of life and selected correlates: explorations in villages Social Indicators Research,42, p 245-281		
<i>Population:</i>	Adult, general public, two poor rural villages, Garhwal area, Northern India, 1996		
<i>Sample:</i>	Non-probability purposive-quota sample		
<i>Non-Response:</i>	341		
<i>N:</i>	not rep		

Measured Correlate

Class: Specific concerns Code: C 8.2.2

Measurement: not reported

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-H?/?/sq/f/7/a	r=-.08 ns	
O-SLu/?/sq/l/5/a	r=-.02 ns	

Study	NOELL1977/10	<i>Page in Report:</i>	233
<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>	16-29 aged and pensioners, West-Germany, 1976		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	855		

Measured Correlate

Class: Specific concerns Code: C 8.2.2

Measurement: Single direct question: no (0) yes (1)
'If I come in an unknown town, I'm very interested in the local places of interest'.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CA/mh/ri/v/2/b	D%+=	Young (16 - 29) and pensioners only. In both categories the cheerful claim more touristic interest.

Study	SYMON 1937	<i>Page in Report:</i>	292
<i>Reported in:</i>	Symonds, P.M. Happiness as related to problems and interests Journal of Educational Psychology, 1937, vol. 28, p. 290-294		
<i>Population:</i>	High school pupils and college students, USA, 1937		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	1651		

Measured Correlate

<i>Class:</i>	Specific concerns Code: C 8.2.2
<i>Measurement:</i>	Closed question
<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-CP/g/sq/v/7/a	DM= ns	
	SNR= ns	

Study	SYMON 1937	<i>Page in Report:</i>	292
<i>Reported in:</i>	Symonds, P.M. Happiness as related to problems and interests Journal of Educational Psychology, 1937, vol. 28, p. 290-294		
<i>Population:</i>	High school pupils and college students, USA, 1937		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	1651		

Measured Correlate

Class: Specific concerns Code: C 8.2.2

Measurement: 15-item inventory of closed questions on interests in:

1. Health
2. Sex
3. Safety
4. Money
5. Mental hygiene
6. Study habits
7. Recreation
8. Personal and moral qualities
9. Family relationships
10. Manners
11. Personal attractiveness
12. Daily schedule
13. Civic interests
14. Getting along with others
15. Philosophy of life

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/sq/v/7/a	SNR= - ns	College students only: L-shaped curve: significant among unhappier students only.
	DM=- ns	
	DM= ns	College students only: L-shaped curve: significant among unhappier students only.
	SNR= ns	
	DM= ns	
	SNR= ns	
	SNR= ns	
	DM= ns	
	SNR= ns	
	DM= ns	
	SNR= ns	
	DM= ns	
	SNR= ns	
	DM= ns	
	SNR= ns	
	DM= ns	
	SNR= ns	
	SNR= +	High school students only: U-shaped curve: students of 'average' happiness being most interested in personal attractiveness.

DM=+		High school students only: U-shaped curve: students of 'average' happiness being most interested in personal attractiveness.
SNR= -	p<.s	High school students only
DM=-	p<.s	High school students only
DM=+	p<.s	College students only: L-shaped curve: stronger among unhappier students.
SNR= +	p<.s	College students only: L-shaped curve: stronger among unhappier students.
SNR=	ns	
DM=	ns	
DM=+	p<.s	College students only: L-shaped curve: stronger positive among unhappier students.
SNR= +	p<.s	College students only: L-shaped curve: stronger positive among unhappier students.

Study	SYMON 1937	<i>Page in Report:</i>	292
<i>Reported in:</i>	Symonds, P.M. Happiness as related to problems and interests Journal of Educational Psychology, 1937, vol. 28, p. 290-294		
<i>Population:</i>	High school pupils and college students, USA, 193?		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	1651		

Measured Correlate

<i>Class:</i>	Specific concerns Code: C 8.2.2
<i>Measurement:</i>	Closed question
<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-CP/g/sq/v/7/a	DM=+	High school students only: L-shaped curve: significant positive among happier students only
	SNR= +	High school students only: L-shaped curve: significant positive among happier students only

Study	SYMON 1937	<i>Page in Report:</i>	292
<i>Reported in:</i>	Symonds, P.M. Happiness as related to problems and interests Journal of Educational Psychology, 1937, vol. 28, p. 290-294		
<i>Population:</i>	High school pupils and college students, USA, 1937		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	1651		

Measured Correlate

<i>Class:</i>	Specific concerns Code: C 8.2.2
<i>Measurement:</i>	Closed question
<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-CP/g/sq/v/7/a	DM= ns	
	SNR= ns	

Study	SYMON 1937	<i>Page in Report:</i>	292
<i>Reported in:</i>	Symonds, P.M. Happiness as related to problems and interests Journal of Educational Psychology, 1937, vol. 28, p. 290-294		
<i>Population:</i>	High school pupils and college students, USA, 1937		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	1651		

Measured Correlate

<i>Class:</i>	Specific concerns Code: C 8.2.2
<i>Measurement:</i>	Closed question
<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-CP/g/sq/v/7/a	DM=	High school students: significant positive
		College students : significant negative L-shaped curve: stronger among happier students
		Graduate students : negative L-shaped curve: significant negative among happier students only
	SNR=	High school students: significant positive
		College students : significant negative L-shaped curve: stronger among happier students
		Graduate students : negative L-shaped curve: significant negative among happier students only

Study	VENTE 1995	<i>Page in Report:</i>	372,374
<i>Reported in:</i>	Ventegodt, S. Livskvalitet i Danmark.(Quality of Life in Denmark) Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017		
<i>Population:</i>	18-88 aged, general public, Denmark, 1993		
<i>Sample:</i>	Non-probability purposive sample (unspecified)		
<i>Non-Response:</i>	39%		
<i>N:</i>	1494		

Measured Correlate

<i>Class:</i>	Specific concerns Code: C 8.2.2
<i>Measurement:</i>	Single direct question: 'My life is mainly a question of: a: surviving b: making money c: my job d: being creative e: sex f: feeling good g: fulfilling my needs h: relationships i: my children/having children j: having good friends k: living in harmony with myself l: self-realization m: making a career n: making the world a better place o: serving God'
<i>Measured Values:</i>	N: a:896, b:666, c:738, d:776, e:579, f:1384, g:1092, h:1045, i:1092, j:1284, k:1332, l:895, m:381, n:507, o:228
<i>Error Estimates:</i>	
<i>Remarks:</i>	a given respondent may appear in several groups

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-AOL/m/sq/v/5/a	DMt=	a: Mt=7.75 b: Mt=7.96 c: Mt=8.00 d: Mt=7.96 e: Mt=7.89 f: Mt=7.83 g: Mt=7.91 h: Mt=8.00 a given respondent may appear in several groups

		i : Mt=7.89
		j : Mt=7.86
		k : Mt=7.84
		l : Mt=7.94
		m : Mt=8.06
		n : Mt=7.90
		o : Mt=7.91
O-HL/c/sq/v/5/h	DMt=	a : Mt=6.96
		b : Mt=7.09
		c : Mt=7.15
		d : Mt=7.13
		e : Mt=7.23
		f : Mt=6.99
		g : Mt=7.08
		h : Mt=7.25
		i : Mt=7.13
		j : Mt=7.04
		k : Mt=7.01
		l : Mt=7.11
		m : Mt=7.25
		n : Mt=7.24
		o : Mt=7.38
O-SLu/c/sq/v/5/e	DMt=	a : Mt=7.39
		b : Mt=7.55
		c : Mt=7.70
		d : Mt=7.69
		e : Mt=7.60
		f : Mt=7.50
		g : Mt=7.58
		h : Mt=7.70
		i : Mt=7.63
		j : Mt=7.55
		k : Mt=7.54
		l : Mt=7.64
		m : Mt=7.75
		n : Mt=7.66
		o : Mt=7.80

Study	VENTE 1996	<i>Page in Report:</i>	394
<i>Reported in:</i>	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		
<i>Population:</i>	Persons born at the University Hospital in Copenhagen 1959-1961		
<i>Sample:</i>	Non-probability purposive sample (unspecified)		
<i>Non-Response:</i>	39%		
<i>N:</i>	4500		

Measured Correlate

<i>Class:</i>	Specific concerns Code: C 8.2.2
<i>Measurement:</i>	Single question: "My life is mainly a question of: a: surviving b: making money c: my job d: being creative e: sex f: feeling good g: fulfilling my needs h: relationships i: my children/having children j: having good friends k: living in harmony with myself l: self-realization m: making a career n: making the world a better place
<i>Measured Values:</i>	N: a:2745; b:2360; c:2412; d:2682; e:2215; f:4469; g:3590; h:3533; i:3659; j:4070; k:4180; l:2728; m:1175; n:1429; o:271
<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		a: Mt=7.68 b: Mt=7.85 c: Mt=8.01 d: Mt=7.95 e: Mt=8.04 f: Mt=7.80 g: Mt=7.86 h: Mt=7.98 i: Mt=7.84

	j: Mt=7.86
	k: Mt=7.84
	l: Mt=7.86
	m: Mt=8.11
	n: Mt=7.78
	o: Mt=7.80
O-HL/c/sq/v/5/h	a: Mt=7.03
	b: Mt=7.10
	c: Mt=7.24
	d: Mt=7.24
	e: Mt=7.31
	f: Mt=7.06
	g: Mt=7.13
	h: Mt=7.36
	i: Mt=7.16
	j: Mt=7.14
	k: Mt=7.11
	l: Mt=7.13
	m: Mt=7.33
	n: Mt=7.10
	o: Mt=7.23
O-SLu/c/sq/v/5/e	a: Mt=7.35
	b: Mt=7.53
	c: Mt=7.69
	d: Mt=7.66
	e: Mt=7.71
	f: Mt=7.49
	g: Mt=7.55
	h: Mt=7.71
	i: Mt=7.55
	j: Mt=7.54
	k: Mt=7.53
	l: Mt=7.51
	m: Mt=7.80
	n: Mt=7.49
	o: Mt=7.58

Study	ZUMA 1989	Page in Report:
<i>Reported in:</i>	Zentrum für 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

Class: Specific concerns Code: C 8.2.2

Measurement: Questions on perceived importance of:

- job
- family
- income
- love
- political influence
- success
- leisure time
- religion
- health

Each rated on a 4 point scale ranging from 'not very important' to 'very important'.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks				
O-HL/c/sq/v/4/b	SNR=	eta	G	r	β	
		Importance of job				
		1978				
		1980	+. 10	+. 16	+. 10	+. 08
		1984	+. 06	+. 09	+. 05	+. 04
		1988	+. 12	+. 21	+. 12	+. 11
		Importance of family				
		1978				
		1980	+. 18	+. 37	+. 18	+. 10
		1984	+. 15	+. 34	+. 14	+. 10

1988	+. 18	+. 41	+. 18	+. 11
Importance of income				
1978				
1980	+. 09	+. 18	+. 09	+. 08
1984	+. 05	+. 01	+. 00	+. 04
1988	+. 08	+. 14	+. 07	+. 09
Importance of love				
1978				
1980	+. 19	+. 37	+. 19	+. 14
1984	+. 14	+. 31	+. 14	+. 09
1988	+. 20	+. 40	+. 19	+. 13
Importance of political influence				
1978				
1980	+. 05	+. 06	+. 04	+. 05
1984	+. 03	+. 04	+. 02	+. 04
1988	+. 06	+. 05	+. 04	+. 04
Importance of succes				
1978				
1980	+. 15	+. 25	+. 14	+. 10
1984	+. 08	+. 12	+. 07	+. 03
1988	+. 13	+. 18	+. 12	+. 07
Importance of leisure time				
	eta	G	r	β
1978				
1980	+. 17	+. 28	+. 17	+. 14
1984	+. 15	+. 27	+. 15	+. 14
1988	+. 15	+. 17	+. 12	+. 11
importance of religion				
	eta	G	r	β
1978				
1980	+. 03	+. 02	+. 01	+. 04
1984	-. 02	-. 01	-. 01	+. 02
1988	-. 03	+. 01	-. 00	+. 04
importance of health				
1978				
1980				
1984	+. 03	+. 10	+. 03	+. 03
1988	+. 07	+. 19	+. 07	+. 06

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

O-SLW/c/sq/n/11/b	SNR=	eta	G	r	β
Importance of: job					
1978					
1980		-.10	-.10	-.09	+.11
1984		-.06	-.09	-.06	+.03
1988		-.15	-.17	-.15	+.15
Importance of: family					
1978					
1980		-.14	-.18	-.14	+.10
1984		-.15	-.23	-.13	+.11
1988		-.20	-.29	-.19	+.15
Importance of: income					
1978					
1980		-.07	-.09	-.06	+.07
1984		-.04	-.04	-.01	+.04
1988		-.05	-.06	-.03	+.05
Importance of: love					
1978					
1980		-.09	-.11	-.09	+.07
1984		-.15	-.22	-.24	+.11
1988		-.15	-.19	-.15	+.11
Importance of: political influence					
1978					
1980		-.04	-.02	-.02	+.06
1984		-.05	-.02	-.02	+.02
1988		-.08	+.00	-.03	+.04
Importance of: succes					
1978					
1980		-.09	-.10	-.09	+.09
1984		-.06	-.07	-.05	+.02
1988		-.15	-.13	-.13	+.11
Importance of: leisure time					
1978					
1980		-.14	-.15	-.14	+.15
1984		-.15	-.18	-.15	+.13
1988		-.16	-.12	-.12	+.15
Importance of: religion					
1978					
1980		-.09	-.09	-.07	+.09
1984		-.04	-.04	-.03	+.05
1988		-.05	-.03	-.04	+.04
Importance of: health					
1978					
1980					
1984		-.06	-.10	-.03	+.07
1988		-.08	-.14	-.08	+.06

β 's controlled for age, gender, perceived class and

marital status.

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 dårligt
2 dårligt
1 meget dårligt

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

Interviewer-rating of cheerfulness:

Altogether the respondent looks.....
2 quite cheerfull
1 not too cheerfull
- difficult to say

Part of the 8 item Allensbacher Ausdrücktest which also involves ratings of cheerful appearance in: look, mouth, posture, movements, eyes, elbows and lips. This general rating is the last item in the test.

Original text in German:

Der Befragte sieht insgesamt -
2 Ganz fröhlich aus.....
1 Nicht so fröhlich aus.....
- Unmöglich zu sagen.....

A-CP/q/sq/v/7/a

Selfreport on single question:

"Check one of the following groups of adjectives which best describes you."
7 full of deep joy, excitedly happy, enthusiastic, thrilled
6 cheerful, succesful, optimistic, lighthearted
5 satisfied, comfortable, life goes smoothly, peaceful
4 contented at times and at other times discontented, life has both favorable and unfavorable features
3 restless, impatient, uncertain, dull, cross, confined
2 anxious, irritated, discouraged, disappointed, discontented
1 gloomy, miserable, a failure, no pleasure in anything

O-H?/?/sq/f/7/a

Selfreport on single question:

Lead item not reported
Rated on a 7-step pictorial faces scale, presented on a card

	(pictures not shown here)
	7 smiling face, very happy
	6
	5
	4
	3
	2
	1 frowning face, very unhappy
O-HL/c/sq/v/3/aa	Selfreport on single question:
	'Taken all together, how would you say things are these days? Would you say that you are....?'
	3 very happy
	2 pretty happy
	1 not too happy
O-HL/c/sq/v/4/b	Selfreport on single question:
	" Is your life at this moment?"
	4 very happy
	3 fairly happy
	2 fairly unhappy
	1 very unhappy
	In German:
	"Ist Ihr Leben im Augenblick....?"
	d sehr glücklich
	c ziemlich glücklich
	b ziemlich unglücklich
	a sehr unglücklich
O-HL/c/sq/v/5/h	Selfreport on single question
	'How happy are you now?'
	5 very happy
	4 happy
	3 neither happy nor unhappy
	2 unhappy
	1 very unhappy
	Original text in Danish:
	'Hvor lykkelig er du for tiden?'
	5 meget lykkelig
	4 lykkelig
	3 hverken eller
	2 ullykkelig
	1 meget ullykkelig
O-HP/g/mq/v/5/a	Selfreport on 6 questions:
	" Describe the kind of person you are. Please read each sentence, then mark how often it is true for you"
	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

Response options:

- 5 almost always true
- 4 often true
- 3 sometimes true
- 2 seldom true
- 1 never true

Summation: average

Possible range: 1 to 5

O-SLu/?/sq/l/5/a

Selfreport on single question:

"..... satisfaction with life"
(full lead item not reported)

Rated on a wooden miniature ladder, handed to the respondent

- [5] very satisfied
- [4]
- [3]
- [2]
- [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/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."

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>
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 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>
DMt	<p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels. DIFFERENCE of MEANS AFTER TRANSFORMATION Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Theoretical range: [-10; +10]</p>
G	<p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels. GOODMAN & Kruskal's GAMMA Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1]</p>
r	<p>Meaning: G = 0 « no rank correlation G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings. G = -1 « strongest possible rank correlation, where high correlate values correspond with low happiness ratings. 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>
SNR	<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. Statistic Not Reported</p>

tau

GOODMAN & Kruskal's TAU

Type: descriptive statistic only.

Measurement level: Correlate: nominal, Happiness: ordinal

Range: [0; +1]

Meaning:

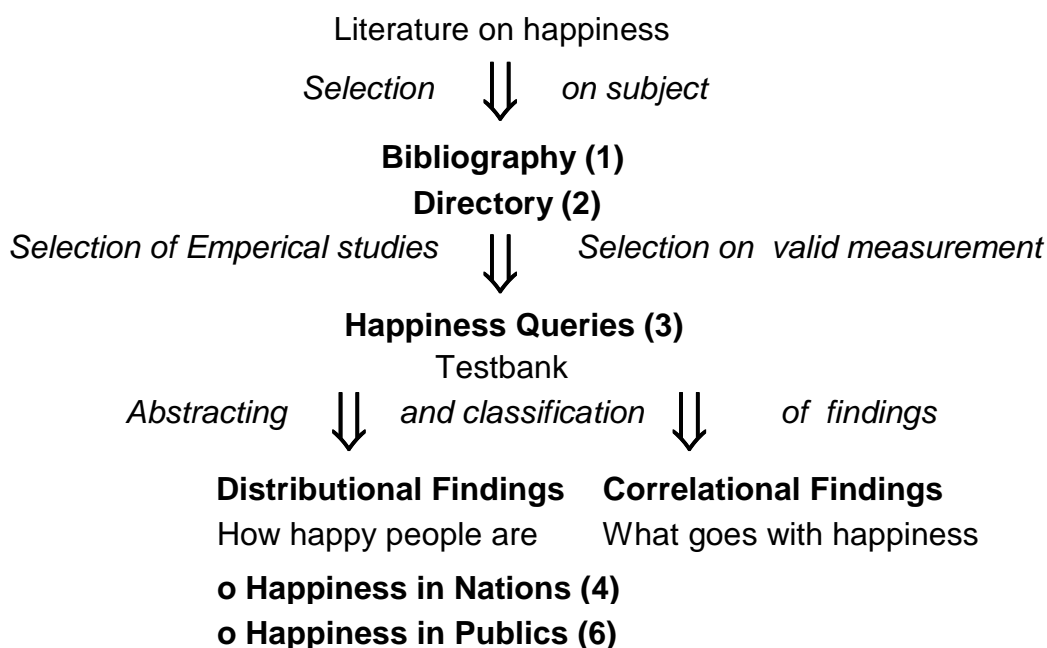
tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.

tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.

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.
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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
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*Classification Page 1****Related Topics****In Subject List on Appendix 4*

C 8	CONCERNS	W 6	WORRIES
		P 12	PROBLEMS
		I 4	INTERESTS
C 8.1	Concern career		
C 8.2	Current concerns		
C 8.2.1	Pattern of concerns		
C 8.2.2	Specific concerns	W 6.2.2	Specific worries
		P 12.2.2	Kind of problems perceived

End of Report