



World Database of Happiness

Correlational Findings

© on data collected: Ruut Veenhoven, Erasmus University Rotterdam

Findings on Happiness & HOPE

Correlate Code: H 10

Classification of Findings

Correlate Code *Correlate Name*

***Number of Studies
on this Subject***

H 10	HOPE	0
H 10.1	Hope-career	0
H 10.1.1	Earlier hope	0
H 10.1.2	Change in hope	0
H 10.1.4	Later hope	0
H 10.2	Current hope	1
H 10.2.2	Specific personal hopes	0
H 10.3	Hopefulness	2

- 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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Erasmus University Rotterdam, 2003, Netherlands

Study	KEYES 1998	<i>Page in Report:</i>	132
<i>Reported in:</i>	Keyes, C.L. Social Well-Being Social Psychology Quarterly 1998, Vol. 61, 121-140		
<i>Population:</i>	18 + aged, Dane County, Wisconsin USA, 1994		
<i>Sample:</i>	Probability simple random sample		
<i>Non-Response:</i>	37%		
<i>N:</i>	373		

Measured Correlate

Class: Current hope Code: H 10.2

Measurement: Respondents indicated (dis)agreement with the following statements:
 a) Society has stopped making progress (-)
 b) Society is not improving for people like you (-)
 c) Social institutions (e.g. government & law) do not make your life better (-)
 d) Society is continually evolving (+)
 e) Society is a productive place for people to live in (+)
 f) There is no social progress (-)
 g) The world is becoming a better place for everyone (+)
 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 = 32.1 SD = 5.7

Error Estimates: Metric Loading ranging from 0.54 to 1.0
 Validity coefficient for the scoring ranged from 0.46 to 0.62
 Alpha reliability 0.69

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLu/h/sq/v/4/a	r=+.16 p<.01	
O-SLW/cm/sq/v/4/a	r=+.26 p<.01	

Study	COSTA 1980/1	<i>Page in Report:</i>	672-673
<i>Reported in:</i>	Costa, P.T. and Mc Crae, R.R. Influence of extraversion and neuroticism on subjective well-being: happy and Journal of Personality and Social Psychology, vol. 38: 4, 1980, p.668-678		
<i>Population:</i>	35-85 aged white males (largely veterans), USA, 1976		
<i>Sample:</i>			
<i>Non-Response:</i>	T1:21%; T2:18%; T3:27%; T4:46%		
<i>N:</i>	1100		

Measured Correlate

<i>Class:</i>	Hopefulness Code: H 10.3
<i>Measurement:</i>	The Hopelessness Scale (Beck, Weisman, Lester and Trexler, 1974)
<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/b	r=+.61 p<.001	Hopelessness assessed at T3. Hedonic level sum of scores at T1, T2, T3 and T4 (3 month-intervals).

Study	STAPE 1988/1	<i>Page in Report:</i>	4
<i>Reported in:</i>	Stapel, J. De Gelukkige Nederlanders (The happy dutchman) Unpublished paper Netherlands Institute for Public Opinion Research, (NIPO) Amsterdam, the Netherlands, 1988.		
<i>Population:</i>	18+ aged, general public, non-institutionalized, The Netherlands, 1988		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	952		

Measured Correlate

<i>Class:</i>	Hopefulness Code: H 10.3
<i>Measurement:</i>	Single closed question: "What do you expect in general of the next year, will it become a good year for yourself or less good?"
<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/u/sq/v/3/a	G=+.70 p<. 01	
	G=+.70 p<. 01	

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

Happiness Query Code *Full Text*

A-BB/cm/mq/v/2/b	<p>Selfreport on 10 questions, repeated four times at 3 months intervals:</p> <p>"During the past few weeks, did you ever feel?" (yes/no)</p> <p>A Particularly exited or interested in something? B So restless that you couldn't sit long in a chair? C Proud because someone complimented you on something you had done? D Very lonely or remote from other people? E Pleased about having accomplished something? F Bored? G On top of the world? H Depressed or very unhappy? I That things were going your way? J Upset because someone criticized you?</p> <p>Answer options and scoring: yes = 1 no = 0</p> <p>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</p>
M-FH/u/sq/v/3/a	<p>Name: Bradburn's 'Affect Balance Scale' (standard version)</p> <p>Selfreport on single question:</p> <p>"Do you feel.....?" 3 happy 2 not too happy 1 unhappy</p> <p>Original text in Dutch: " Voelt u zichzelf"? c gelukkig b niet zo gelukkig a ongelukkig</p>
O-SLu/h/sq/v/4/a	<p>Selfreport on single question:</p> <p>Ss were asked to pretend for a moment that their life would end next weekend then indicate how happy they felt about the life they been able to live. (Full question not reported)</p> <p>4 very satisfied 3 somewhat satisfied 2 a little satisfied 1 not at all satisfied</p>
O-SLW/cm/sq/v/4/a	<p>Selfreport on single question</p>

'....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.

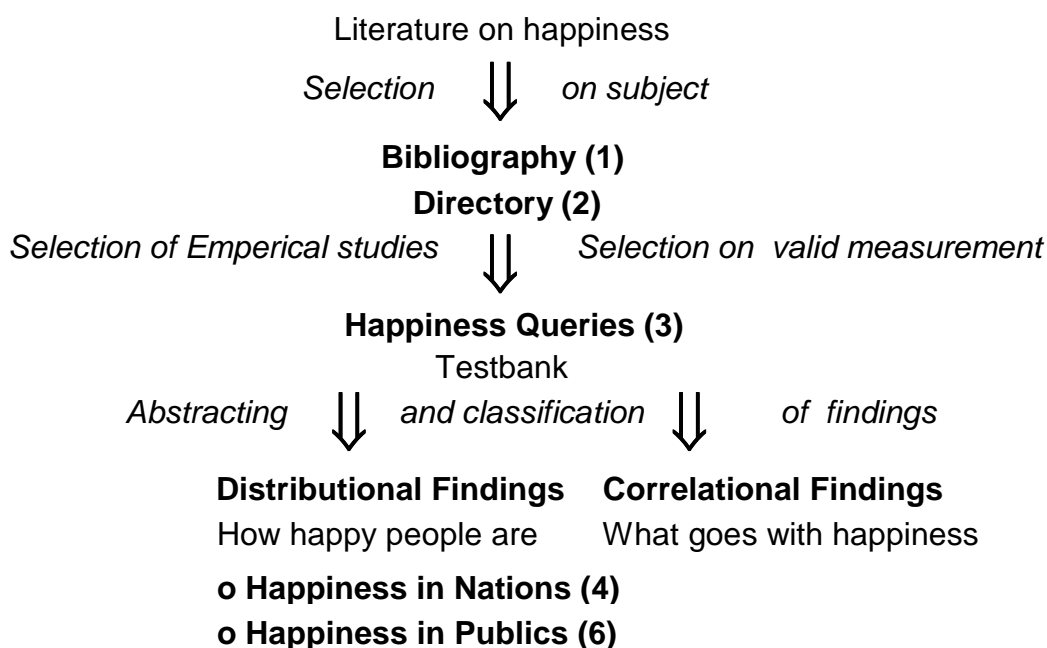
Appendix 2 Statistics used in reported studies

<i>Symbol</i>	<i>Explanation</i>
G	<p>GOODMAN & Kruskal's GAMMA Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1]</p> <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.</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>

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
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*

H 10	HOPE		
H 10.1	Hope-career		
H 10.1.1	Earlier hope	P 1.2.77	Earlier optimism
H 10.1.2	Change in hope		
H 10.1.4	Later hope		
H 10.2	Current hope		
H 10.2.2	Specific personal hopes	W 6.2.2	Specific worries
		L 7.2.2	Object of life-goals
H 10.3	Hopefulness	P 4.85	Positive reacting
		P 4.77	Optimistic

End of Report