Findings on Happiness & HOUSING

Correlate Code: H 13

Classification of Findings		*Number of Studies*
Correlate Code	*Correlate Name*	*on this Subject*
H 13	HOUSING	2
H 13.1	Housing-career	0
H 13.1.1	Earlier housing	0
H 13.1.2	Change in housing	1
H 13.1.4	Later housing	0
H 13.2	Current dwelling	0
H 13.2.1	Type of current dwelling	11
H 13.2.2	Current house owned or rented	7
H 13.2.3	Quality of current dwelling	2
H 13.2.3.1	. quality of house	6
H 13.2.3.2	. quality of housing estate	3
H 13.3	Attitudes to housing	2
H 13.3.1	Concern about housing	1
H 13.3.2	Satisfaction with housing	40

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

Study   **MORAW 1977**   *Page in Report:*   518

Reported in:	Morawetz, D.
	Income distribution and self-rated happiness: some empirical evidence
	The Economic Journal, 1977, vol. 87, pp 511-522
Population:	Adults, two villages (one equal in incomes, one unequal), Israel, 1976
Sample:	Non-probability purposive-expert sample
Non-Response:	38%
N:	109

Measured Correlate

Class:	HOUSING Code: H 13
Measurement:	`Number of rooms per person`
Measured Values:	M= 0,96 (rooms)
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*

O-BW/c/sq/l/11/a	B=+.08 ns	`B controlled for:`
		`- years lived in moshav`
		`- religion`
		`- place of birth`
		`- age`
		`- sex`
		`- education`
		`- not married`
		`- children at home`
		`- rooms per house`
		`- telephone`
		`- no car`
		`- agricultural work`
		`- income per standard adult`
		`- Moshav`
		`Unaffected by kind of community`

	B=+.14 p<.05	`B controlled for the above variables with income` `left out`

Study   **MORAW 1977**   *Page in Report:*   518

Reported in:	Morawetz, D.
	Income distribution and self-rated happiness: some empirical evidence
	The Economic Journal, 1977, vol. 87, pp 511-522
Population:	Adults, two villages (one equal in incomes, one unequal), Israel, 1976
Sample:	Non-probability purposive-expert sample
Non-Response:	38%
N:	109

Measured Correlate

Class:	HOUSING Code: H 13
Measurement:	Number of rooms per house
Measured Values:	M= 3,9 (rooms)
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-BW/c/sq/l/11/a	B=-.27 ns	B controlled for: - years lived in moshav - religion - place of birth - age - sex - education - not married - rooms per house - rooms per person - telephone - no car - agricultural work - income per standard adult - Moshav Unaffected by kind of community
	B=-.28 ns	B controlled for the above variables with income left out

Study	**HEADE 1982/2**	*Page in Report:*	53

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

Measured Correlate

Class:	Change in housing Code: H 13.1.2
Measurement:	Single question on satisfaction with your house/flat, scored on a 1-9 rating scale.
Measured Values:	
Error Estimates:	
Remarks:	Both Happiness (ABS) and satisfaction with housing were assessed at T1 and T2 (25 month interval)

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	Beta=+.0 ns	T1-T2 CHANGE in happiness by T1-T2 CHANGE in satisfaction with housing. Both Happiness (ABS) and satisfaction with housing were assessed at T1 and T2 (25 month interval)
	Beta=-.0 ns	T1-T2 CHANGE in happiness by T1-T2 CHANGE in satisfaction with house
		Beta controlled for satisfaction with
		- sex life
		- health
		- leisure
		- friends
		- self-fulfillment
		- standard of living

Study	**BOELH 1999**	*Page in Report:*	62

Reported in:	Boelhouwer, J. & Stoop, I. Measuring Well-Being in the Netherlands Social Indicators Research, vol 48, 51-75, 1999
Population:	18+ aged, general public, The Netherlands, 1974-1997
Sample:	Probability sample (unspecified)
Non-Response:	
N:	±3500 each year

Measured Correlate

Class:	Type of current dwelling Code: H 13.2.1

Measurement:	`Type of the house`
	`1 detached single family dwelling`
	`2 attached single family dwelling`
	`3 appartment`

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HP/u/sq/v/5/a	r=-.10	p<.05	1993
	r=-.10	p<.05	1997

Study	**HALMA 1987**	*Page in Report:*	203

Reported in: 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

Population: 18+ aged, general public, EU nations, 1981

Sample:

Non-Response:

N: 12464

Measured Correlate

Class: Type of current dwelling Code: H 13.2.1

Measurement: Direct question: "Do you live in a...?" 0 House
1 Flat/appartment

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/u/sq/v/4/a	r=-.08	p<.01	France
	r=-.07	p<.01	Great-Britain
	r=-.03	ns	West Germany
	r=-.06	p<.01	Italy
	r=-.08		Netherlands
	r=-.11	p<.01	Denmark
	r=-.08	p<.01	Belgium
	r=+.01	ns	Spain
	r=-.04	ns	Ireland
	r=-.03	ns	Northern Ireland
	r=-.15		EC
	DMt=		EC (stratified sample) House Mt'= 7.22 Flat/appartment Mt'= 6.56

	Beta=	ns	In none of the European countries ß weights of this variable reached .10 level in multiple regression analysis, when controlling for: life satisfaction (HAPP 2.1), affect (AFF 2.3); satisfaction with health,income and family life; age, income, education, marital status, having children, male sex, work; urbanisation, own home, lack of purpose religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; loneliness, tolerance, trust in people and sense of control.
O-SLW/c/sq/n/10/aa	r=-.05	p<.05	France
	r=-.07	p<.01	Great-Britain
	r=-.07	p<.01	West Germany
	r=-.08	p<.01	Italy
	r=-.06		Netherlands
	r=-.09	p<.01	Denmark
	r=-.14	p<.01	Belgium
	r=+.05	p<.01	Spain
	r=-.08	p<.01	Ireland
	r=-.03	ns	Northern Ireland
	r=-.12		EC
	DMt=		EC (stratified sample) House Mt'= 7.00 Flat/appartment Mt'= 6.44
	Beta=	ns	In none of the European countries ß weights of this variable reached .10 level in multiple regression analysis, when controlling 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, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; loneliness, tolerance, trust in people, hopeless about life and sense of control.

Study	**HALMA 1987****	*Page in Report:*	376

Reported in: 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, 1987,   p. 187-215, 283-325 and 368-379

Population: 18 + aged, general public, 10 EU nations, 1981

Sample:

Non-Response:

N: 12464

Measured Correlate

Class: Type of current dwelling Code: H 13.2.1

Measurement:
```
Direct question: "Do you live in a....? 0 House
1 Flat/appartement
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	Beta=<.1	`France`
	Beta=<.1	`Great-Britain`
	Beta=<.1	`West Germany`
	Beta=<.1	`Italy`
	Beta=<.1	`Netherlands`
	Beta=-.1	`Denmark`
	Beta=<.1	`Belgium`
	Beta=<.1	`Spain`
	Beta=<.1	`Ireland`
	Beta=<.1	`Northern Ireland`
	Beta=<.1	`EC`

```
ß's controlled for: marital status, work, income,
age, having children, social participation,
education.
```

Study	**JOL 1985**	*Page in Report:*	177/178

Reported in:	Jol, C.
	Liever samen dan alleen? Veranderingen in levensomstandig- heden en
	CBS-Select 3, 1985, p. 171-184. Central Bureau of StatisticsThe Hague, The Netherlands
Population:	18+ aged, general public, The Netherlands, 1974-83
Sample:	
Non-Response:	1974: 28%,
	1983: 43%
N:	1974: 4806,
	1983: 3987

Measured Correlate

Class:	Type of current dwelling Code: H 13.2.1
Measurement:	0 = other
	1 = appartment
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SLL/c/sq/v/5/a	Beta=	ns	Singles (N = 484)
	Beta=	ns	All (N = 3931)
			ß controlled for sex and age.
			Results 1974 not significantly different.

Study	**KENG 1995**	*Page in Report:*	83

Reported in:	Keng, A.H.; Hooi, S.W.
	Assessing quality of life in Singapore: An exploratory study
	Social Indicators Research, 1995, Vol. 35, 71-95
Population:	15-54 aged, Singapore, 1993
Sample:	Non-probability accidental sample
Non-Response:	14%
N:	329

Measured Correlate

Class:	Type of current dwelling Code: H 13.2.1
Measurement:	a: HDB flat - 3 rooms or less
	b: HDB flat - 4 rooms
	c: HDB flat - 5 rooms
	d: HDB - maisonette/executive appartment
	e: HUDC condominium/private flat
	f: Terrace house
	g: Semi-detached/detached bungalow
Measured Values:	a: 25.2% b: 26.4% c: 13.7% d: 7.0% e: 12.4%
	f: 8.2% g: 7.0%
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SLW/?/sqt/n/5/a	DM=	ns	a: M = 3.34
			b: M = 3.54
			c: M = 3.56
			d: M = 3.59
			e: M = 3.67
			f: M = 3.59
			g: M = 3.50

Study	**KOUSH 2000**	*Page in Report:*	274

Reported in:	Kousha, M.; Mohseni, N.
	Are Iranians happy? A comparative study between Iran and the United States
	Social Indicators Research 2000; Vol. 52, pp 259-289 ISSN 0303 8300
Population:	Residents big city (Tehran), Iran, 1995-97
Sample:	Non-probability snowball sample
Non-Response:	4,8%
N:	1561

Measured Correlate

Class:	Type of current dwelling Code: H 13.2.1
Measurement:	a= rental b= personal property c= living with parents d= others
Measured Values:	1995: a=134, b=222, c=151, d=23 1997: a=226, b=396, c=346, d=54
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-HL/c/sq/v/3/ab	DM=	ns	

1995 M   S.D.
 a=   1,72   0,31
 b=   1,85   0,35
 c=   1,76   0,33
 d=   1,91   0,25

DM=   p<.00

1997 M   S.D.
 a=   1,73   0,34
 b=   1,91   0,34
 c=   1,81   0,44
 d=   1,72   0,42

D%=   ns

1995

	very happy %	fairly happy %	not at all happy %
a=	5,2	61,2	33,6
b=	10,8	63,1	26,1
c=	7,3	61,6	31,1
d=	8,7	73,9	17,4

	very happy %	fairly happy %	not at all happy %
D%=	p<.00	1997	
a=	7,1	58,4	34,5
b=	12,9	65,2	22,0
c=	14,2	52,6	33,2
d=	11,1	50,0	38,9

Study   **MOLLE 1988**   *Page in Report:*   630

Reported in: Moller, V.
                   Quality of life in retirement: a case study of zulu return migrants
                   Social Indicators Research, Vol. 20, 1988, pp. 621-658

Population: Ex-migrant workers, returned to rural KwaZulu, South Africa, 1983

Sample:

Non-Response:

N: 253

Measured Correlate

Class: Type of current dwelling Code: H 13.2.1

Measurement: ```
                   0: Doub house, hut
                   1: Brick/concrete house
                   ```

*Measured Values:*

*Error Estimates:*

*Remarks:*         Direction of correlation unclear in original report. Sign in table is negative, but text
                   indicates positive relationship. Present version approved by author.

## Observed Relation with Happiness

| *Happiness Query* | *Statistics* | *Remarks* |
|---|---|---|
| O-HL/c/sq/v/5/a | r=+.40   p<.01 | All |
| | Beta=+.1 ns | 65+ years old |

Direction of correlation unclear in original report. Sign in table is negative, but text indicates positive relationship. Present version approved by author.

```
ß controlled for:
1   Seldom restricted by poor health
2   Higher affluence rating
3   Need to purchase maize
4   Grows cash crop
5   Religious traditionalist
6   More active person
7   Keeps chicken
8   Has a confidant
9   Keeps goats
10  Larger size field
11  Higher monthly income
12  No desire to return to work
```

O-SLW/u/sq/v/5/d	r=+.34 p<.01	All

Beta=+.0 ns   All
                     ß controlled for:
                     1   Satisfied with health
                     2   Voluntary retirement
                     3   More active person
                     4   No pension income
                     5   Has a confidant
                     6   Community elder
                     7   Satisfied with job while working
                     8   Enjoys aspects of retirement
                     9   Retired suddenly
                     10 Is happy as grandparents were
                     11 Agrees: planning is key to success
                     12 Preference for entrepreneurship in
                         retirement
                     13 Higher modernity score

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

Reported in:	Palisi, B. J. & Canning, C.
	Urbanism and Social Psychological Well-being: A Cross-Cultural Test of Three
	The Sociological Quarterly, 1983, Vol 24, p.527-543
Population:	Males, metropolitan areas England, USA, Australia, 1977-1980
Sample:	
Non-Response:	67 %
N:	752 (London 226, L.A. 292, Sydney 234)

Measured Correlate

Class:	Type of current dwelling Code: H 13.2.1
Measurement:	`0 No single family home` `1 Single family home`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cw/mq/v/2/a	r=+.10	ns	London
	rpc=+.12		
	r=+.07	ns	Los Angeles
	rpc=+.11		
	r=+.02	ns	Sydney
	rpc=-.06		
			`rpc controled for: Age, frequency of visits to friends, visits to kin and perceived crowding`

Study	**VENTE 1995**	*Page in Report:*	66

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:	Type of current dwelling Code: H 13.2.1
Measurement:	a: own house
	b: condomium
	c: co-operative flat
	d: rented house
	e: rented flat
	f: rented room
	g: hall of residence
	h: shared flat or house
	i: other
Measured Values:	N: a:818, b:60, c:98, d:84, e:317, f:36, g:14, h:7, i:42
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-AOL/m/sq/v/5/a	DMt=	a: own house Mt=7.85
		b: condomium Mt=8.13
		c: co-operative flat Mt=7.73
		d: rented house Mt=7.50
		e: rented flat Mt=7.55
		f: rented room Mt=7.36
		g: hall of residence Mt=7.33
		h: shared house Mt=8.21
		i: other Mt=7.74
		All Mt=7,74

O-HL/c/sq/v/5/h	DMt=	a: own house	Mt=7.00
		b: condomium	Mt=7.09
		c: co-operative flat	Mt=6.64
		d: rented house	Mt=6.84
		e: rented flat	Mt=6.93
		f: rented room	Mt=6.46
		g: hall of residence	Mt=6.96
		h: shared house	Mt=6.79
		i: other	Mt=7.04
		All	Mt=6,94
O-SLu/c/sq/v/5/e	DMt=	a: own house	Mt=7.59
		b: condomium	Mt=7.54
		c: co-operative flat	Mt=7.28
		d: rented house	Mt=7.11
		e: rented flat	Mt=7.28
		f: rented room	Mt=6.80
		g: hall of residence	Mt=6.79
		h: shared house	Mt=7.86
		i: other	Mt=7.26
		All	Mt=7,44

Study	**VENTE 1996**	*Page in Report:*	70

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:	Type of current dwelling Code: H 13.2.1
Measurement:	1: own house 2: condominium 3: co-operative flat 4: rented house 5: rented flat 6: rented room 7: hall of residence 8: shared flat or house 9: other
Measured Values:	N all:4574; %: 1:40,7, 2:8,1, 3:7,6, 4:7,7, 5:31,5, 6:1,6, 7:0,3, 8:0,5, 9:2,0
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a		1: Mt=8.04 2: Mt=7.94 3: Mt=7.70 4: Mt=7.84 5: Mt=7.40 6: Mt=6.70 7: Mt=6.73 8: Mt=6.14 9: Mt=7.40

O-HL/c/sq/v/5/h

1: Mt=7.36
2: Mt=7.11
3: Mt=6.98
4: Mt=7.15
5: Mt=6.66
6: Mt=5.76
7: Mt=5.39
8: Mt=6.03
9: Mt=6.60

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

1: Mt=7.81
2: Mt=7.51
3: Mt=7.34
4: Mt=7.50
5: Mt=7.03
6: Mt=6.18
7: Mt=6.54
8: Mt=5.80
9: Mt=6.80

Study	**ZEHNE 1977**	*Page in Report:*	118/119
Reported in:	Zehner, R.B.		
	Indicators of the quality of life in new communities.		
	Indicators of the quality of life in new communities. Ballinger Publishers, 1977, Cambridge, USA.		
Population:	Residents communities,planned and unplanned, USA, 1973		
Sample:			
Non-Response:			
N:	planned;2596, unplanned;1298, total;3894		

Measured Correlate

Class:	Type of current dwelling Code: H 13.2.1
Measurement:	`Single detached townhouse or rowhouse apartement.`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/n/7/a	G=	`Apartement dwellers are least happy. (Both in planned and conventionally developed communities).`

Study	**BOELH 1999**	*Page in Report:*	62

Reported in:	Boelhouwer, J. & Stoop, I.
	Measuring Well-Being in the Netherlands
	Social Indicators Research, vol 48, 51-75, 1999
Population:	18+ aged, general public, The Netherlands, 1974-1997
Sample:	Probability sample (unspecified)
Non-Response:	
N:	±3500 each year

Measured Correlate

Class:	Current house owned or rented Code: H 13.2.2
Measurement:	Ownership of the house
	1 tenant
	2 owner
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-HP/u/sq/v/5/a	r=+.12	p<.05	1993
	r=+.15	p<.05	1997

Study	**GEHMA 1992A2**	*Page in Report:*	13

Reported in:	Gehmacher, E.
	Coping, Happiness and Ideology. Some suggestions for the application of happiness
	Paper presented at the international sociological conference`Towards the Good Society', June 1992, Rotterdam
Population:	Adults, general public, Austria, 1992
Sample:	
Non-Response:	?
N:	1553

Measured Correlate

Class:	Current house owned or rented Code: H 13.2.2
Measurement:	
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/v/5/d	Beta=+.0	ß controled for sex, age, education, and work status

Study	**HALMA 1987***	*Page in Report:*	369

Reported in:	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, 1987, p.187-215, 283-325 p.187-215, 283-325 and 368-379
Population:	18+ aged, general public, 10 EU nations, 1981
Sample:	
Non-Response:	
N:	12464

Measured Correlate

Class:	Current house owned or rented Code: H 13.2.2
Measurement:	Direct question: "Does the house/flat you live in, belong to you, do you rent the place or does it belong to someone you live with? (order reversed) 1 Own home 2 Rented from community 3 Rented from organization 4 Living with owner
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/u/sq/v/4/a	r=-.07	p<.01	France
	r=-.07	p<.05	Great-Britain
	r=-.00	ns	West Germany
	r=-.05	p<.05	Italy
	r=-.09		Netherlands
	r=-.07	p<.01	Denmark
	r=-.05	p<.05	Belgium
	r=-.07	p<.01	Spain
	r=-.02	ns	Ireland
	r=-.11	p<.05	Northern Ireland
	r=-.06		EC

	DMt=+		EC (stratified sample)
			Own home Mt'= 7.44
			Rent/community Mt'= 7.00
			Rent/organization Mt'= 6.67
			Live with owner Mt'= 6.78
	Beta=		In none of the european countries, ß weights of this variable reached .10 level in multiple regression analysis, when controlling for: life satisfaction (HAPP 2.1), affect (AFF 2.3); satisfaction with income, health and family life; age, income, 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 past and future; tolerance, loneliness, misantropy, hopeless about life and sense of control.
O-SLW/c/sq/n/10/aa	r=-.04	ns	France
	r=-.08	p<.01	Great-Britain
	r=-.08	p<.01	West Germany
	r=-.10	p<.01	Italy
	r=-.02		Netherlands
	r=-.05	p<.05	Denmark
	r=-.09	p<.01	Belgium
	r=-.06	p<.01	Spain
	r=-.10	p<.01	Ireland
	r=-.12	p<.05	Northern Ireland
	r=-.07		EC
	DMt=+		EC (stratified sample)
			Own home Mt' = 6.89
			Rent/community Mt' = 6.67
			Rent/organization Mt' = 6.33
			Live with owner Mt' = 6.33
	Beta=		In none of the european countries, ß weights of this variable reached .10 level in multiple regression analysis, when controlling for: life satisfaction (HAPP 2.1), affect (AFF 2.3); satisfaction with income, health and family life; age, income, 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 past and future; tolerance, loneliness, misantropy, hopeless about life and sense of control.

Study	**NEAR 1978**	*Page in Report:*	253

Reported in:	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
Population:	Adult, general public, Western New York State, USA, 1975
Sample:	
Non-Response:	
N:	384

Measured Correlate

Class:	Current house owned or rented Code: H 13.2.2
Measurement:	0 rents
	1 owns
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/v/5/d	R²=.02 p<.01	Explained variance in ANOVA.
		Respondents who own their own home are happier

Study	**SHINN 1978**	*Page in Report:*	483/487

Reported in:	Shinn, D.C. & Johnson, D.M. Avowed happiness as an overall assessment of the quality of life Social Indicators Research, Vol 5, 1978, pp. 475-492
Population:	Heads of households, Illinois, USA, 1975
Sample:	
Non-Response:	17%
N:	665

Measured Correlate

Class:	Current house owned or rented Code: H 13.2.2
Measurement:	`Question whether or not the subject owned the place in which he or she lived`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*

O-HL/c/sq/v/3/aa	r=+.18 p<..05	`When controlled for: - resources only  ß = +.11`
		`                     - resources and`
		`                       assessments     ß = +.04`
		`                     - resources`
		`and`
		`comparisons     ß = +.10`
		`                     - resources,`
		`                       assessments and`
		`                       comparisons     ß = +.05`
		`'Resources': race, sex, age, income, education, marital status, number of children, number of household members;`
		`'Assessments': satisfaction with: standard of living, leisure time, housing, health, education, community, government;`
		`'Comparisons': perception of being happier than others and perceived financial improvement in the past few years.`

Study	**SHINN 1986/1**	*Page in Report:*	367

Reported in: Shinn, Doh C.
Education and the quality of life in Korea and the United States: a cross-cultural
Public Opinion Quarterly, Vol. 50, 1986, p. 360-370.

Population: 18+ aged, general public, non-institutionalized, South Korea, 1980

Sample:

Non-Response:

N: 1215

Measured Correlate

Class: Current house owned or rented Code: H 13.2.2

Measurement:
```
0 Renters
1 Owners
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
M-AO/c/mq/*/0/a	r=+.12 p<.05	
	r=+.12 p<.05	
	Beta=+.0 p<.05	ß controled for education, income, age, gender, married status and community size.

Study	**SHINN 1986/2**	*Page in Report:*	367

Reported in: Shinn, Doh C.
Education and the quality of life in Korea and the United States: a cross-cultural
Public Opinion Quaterly, vol. 50, 1986, p 360-370

Population: 18+ aged, general public, non-institutionalized, USA, 1978

Sample:

Non-Response:

N: 3642

Measured Correlate

Class: Current house owned or rented Code: H 13.2.2

Measurement:
```
0 Renters
1 Owners
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
M-AO/c/mq/*/0/a	r=+.13	p<.05	
	r=+.13	p<.05	
	Beta=+.0	p<.05	ß controled for education, income, age, gender, married status and commuunity size.

Study	**GEHMA 1992C1**	*Page in Report:*	2

Reported in:	Gehmacher, E.
	Housing and Happiness. Life-satisfaction as a consequence of housing conditions
	Paper presented at the international sociological conference`Towards the Good Society' June 1992, Rotterdam, Netherlands
Population:	Residents communal housing estates, Vienna, Austria, 1989
Sample:	
Non-Response:	?
N:	886

Measured Correlate

Class:	Quality of current dwelling Code: H 13.2.3
Measurement:	a. Size (of appartment, sleeping room, living room, children's room)
	b. Environment (noise from outside, noise protection from neighbours, open space)
	c. Aesthetices (view from windows, sunlight, design of access to appartment)
	d. Infrastructure (shopping opportunities, leisure opportunities)

Measured Values:

Error Estimates:

Remarks:	Happiness assessed in summer (T1) and winter (T2)
	ß's controled for...?.

Observed Relation with Happiness

Happiness Query	Statistics	Remarks	
O-SLW/u/sq/n/5/b	Beta=+.0	a. summer	
	Beta=+.0	a. winter	Happiness assessed in summer (T1) and winter (T2)
			ß's controled for...?.
	Beta=+.2	b. summer	
	Beta=+.1	b. winter	
	Beta=+.0	c. summer	
	Beta=+.0	c. winter	
	Beta=+.1	d. summer	
	Beta=+.0	d. winter	

Study	**KAINU 1998**	*Page in Report:*	261

Reported in:	Kainulainen, Sakari
	Elämäntapahtumat ja elämään tyytyväisyys eri sosiaaliluokissa, (Life Events and Kuopio University Publications (E Social Sciences 62), Kuopio ,Finland . ISBN 951-781-821-1
Population:	18+ aged, general public, non-institutionalized, former province Kuopio, Finland, 1991-'96.
Sample:	Probability sample (unspecified)
Non-Response:	not rep
N:	2682

Measured Correlate

Class:	Quality of current dwelling Code: H 13.2.3
Measurement:	Have you experienced inadequate facilities (in housing) (a) during the last year ? (b) ever in your life ? Answers: No(=0) or Yes(=1).
Measured Values:	Never: N = 1930 Ever in your life: N = 518
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-SLu/c/sq/v/5/g	r=-.13	p<.	during the last year
	r=-.08	p<.	ever in your life
	DM=-	p<.	never: M = 3.89 ever in your life: M = 3.73 95% CI for difference: [0.08 ; 0.24]

Study	**BOELH 1999**	*Page in Report:*	62

Reported in:	Boelhouwer, J. & Stoop, I.
	Measuring Well-Being in the Netherlands
	Social Indicators Research, vol 48, 51-75, 1999
Population:	18+ aged, general public, The Netherlands, 1974-1997
Sample:	Probability sample (unspecified)
Non-Response:	
N:	±3500 each year

Measured Correlate

Class:	. quality of house Code: H 13.2.3.1

Measurement:	`Area of living room in m2`
	`1 less than 20 m2`
	`2 20 - 29 m2`
	`3 30 - 39 m2`
	`4 40 - 49 m2`
	`5 50 m2`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HP/u/sq/v/5/a	r=+.12 p<.05	1997

Study	**BOELH 1999**	*Page in Report:*	62

Reported in:	Boelhouwer, J. & Stoop, I.
	Measuring Well-Being in the Netherlands
	Social Indicators Research, vol 48, 51-75, 1999
Population:	18+ aged, general public, The Netherlands, 1974-1997
Sample:	Probability sample (unspecified)
Non-Response:	
N:	±3500 each year

Measured Correlate

Class:	. quality of house Code: H 13.2.3.1
Measurement:	Average number of rooms in the house

```
1 one or two rooms
2 three rooms
3 four rooms
4 five rooms
5 six rooms
6 seven or more rooms
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HP/u/sq/v/5/a	r=+.11 p<.05	1997

Study	**KIM 1998**	*Page in Report:*	7 &9

Reported in:	Kim, B.
	Socioeconomic Status and perception of Quality of life
	Development and Society, vol 27, p 1-15
Population:	20-60 aged, general public, South Korea, 1996
Sample:	Probability stratified sample
Non-Response:	not rep
N:	1000

Measured Correlate

Class:	. quality of house Code: H 13.2.3.1
Measurement:	Asset value of current housing arrangement, measured in million won
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/f	r=+.08 p<.05	
	B=+.00 ns	Beta controlled for:

```
                            Beta controlled for:
                            demographic variables
                            -age
                            -education
                            -married
                            -never married
                            objective socioeconomic status variables
                            -income
                            -household income
                            -household income divided by the number of
                             household members
                            -future income
                            -white collar occupation
                            subjective socioeconomic status variables
                            -perception of income
                            -social class position
                            -equality
```

```
        B=+.00  ns        Beta controlled for:
                          demographic variables
                          -age
                          -education
                          -married
                          -never married
                          objective socioeconomic status variables
                          -income
                          -household income
                          -household income divided by the number of
                           household members
                          -future income
                          -white collar occupation
```

Study	**NEAR 1978**	*Page in Report:*	253

Reported in:	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
Population:	Adult, general public, Western New York State, USA, 1975
Sample:	
Non-Response:	
N:	384

Measured Correlate

Class:	. quality of house Code: H 13.2.3.1
Measurement:	
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/v/5/d	R^2=.03 p<.01	Explained variance in ANOVA.
		Ss whose homes were rated more favorably are happier than those whose homes were rated unfavorably

| **Study** | **PALIS 1984B** | *Page in Report:* | 25-26 |

Reported in: Palisi, B.J.
Household crowding and well-being: a cross-cultural analysis
International Journal of Sociology of the Family, Vol. 14, 1984, p.17-31

Population: Males, metropolitan areas: London, Los Angeles and Sydney, 1977-80

Sample:

Non-Response: 67%

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

Measured Correlate

Class: . quality of house Code: H 13.2.3.1

Measurement:
```
1. Objective crowding: closed questions
     on:
- number of persons in the household
- number of persons per bedroom
- number of persons per room
- number of bedrooms
- number of rooms

2. Subjective crowding: closed
   questions on how frequently the
   respondent has had the following
   feelings, ranging from 1 (all the
   time) to 4 (never):
- feelings that the home is the right
  size
- feelings of personal privacy from
  household members
- perception of lack of room in the
  household
- feelings that there are too many
  people at home
- feelings that people get in each
  other's way at home

3. Objective and subjective crowding
   (1+2)
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks

M-FH/cm/sq/v/4/a   Beta=   p<.

```
1. Objective
crowding
London      L.A.        Sydney
-p household  ß =   +.06 ns    -.22 ns    +.06 ns
-p bedroom    ß =   -.51 ns    -.10 ns    -.36 ns
-p room       ß =   +.47 ns    -.02 ns    +.37 ns
-n bedrooms   ß =   +.37 ns    +.06 ns    +.32 ns
-n rooms      ß =   -.44 05    +.14 ns    -.38 ns
              R²=    .02 ns     .03 ns     .01 ns

2. Subjective crowding
-right size   ß =   +.13 ns    +.19 05    +.08 ns
-privacy      ß =        ns         ns         ns
-lack room    ß =   +.06 ns    -.03 ns    -.06 ns
-too many     ß =   -.06 ns    +.07 ns    -.16 ns
-in way       ß =   -.03 ns    -.14 ns    +.04 ns
              R²=    .07 ns     .10 ns     .08 ns
```

```
3. Obj.+ subj. R²=   .11 ns     .13 ns     .12 ns

All values controlled for marriage status,
occupation, education, age and neighbourhood noise.
```

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

Measured Correlate

Class:	. quality of house Code: H 13.2.3.1
Measurement:	3 item index : is there in your home : a) toilet,b) bath, c) central heating ? 0 = no 1 = yes
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/4/b	SNR=	

	eta	G	r	ß
1978	-.12	-.17	-.11	+.07
1980				
1984				
1988	-.10	-.09	-.07	+.06

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

Happiness Query	Statistics	Remarks
O-SLW/c/sq/n/11/b	SNR=	

	eta	G	r	ß
1978	+.15	+.14	+.15	+.10
1980				
1984				
1988	+.08	+.11	+.08	+.08

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

Study	**GEHMA 1987**	*Page in Report:*	155

Reported in:	Gehmacher, E.
	Gebaute Gemeinschaft (Built community: effects of architecture on social contacts
	Sozial Wissenschaftliche Rundschau (SWS) vol 27, 1987, page 147-156
Population:	Residents housing estates, Vienna, Austria, 1987
Sample:	
Non-Response:	?
N:	218

Measured Correlate

Class:	. quality of housing estate Code: H 13.2.3.2
Measurement:	Comparison of 2 housing estates in Vienna:

```
Comparison of 2 housing estates in Vienna:
1. Low facility estate:  Wiener Flur
   Scattered built, few common facil.
2. High facility estate: Alt-Erlaa
   Compact built,many common facilities
Both estates were built in 1979.
The quality of the housing is comparable.
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
M-FH/cm/sq/v/5/a	DMt=+1,	1. 6,2 2, 7,8
O-SLL/c/sq/v/5/b	DMt=+1,	1. Mt' = 6,9 2. Mt' = 8,1

Study	**GEHMA 1992C1**	*Page in Report:*	3

Reported in:	Gehmacher, E.
	Housing and Happiness. Life-satisfaction as a consequence of housing conditions
	Paper presented at the international sociological conference`Towards the Good Society' June 1992, Rotterdam, Netherlands
Population:	Residents communal housing estates, Vienna, Austria, 1989
Sample:	
Non-Response:	?
N:	886

Measured Correlate

Class:	. quality of housing estate Code: H 13.2.3.2
Measurement:	Presence in housing-estate of: a. Open space (playground, courts, communal green) b. Utilities (laundries, communal workshop, etc) c. Bath (swimming pool, sauna)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLW/u/sq/n/5/b	Beta=+.1	open space
	Beta=+.0	utilities
	Beta=+.0	bath

Study	**GEHMA 1992C2**	*Page in Report:*	8

Reported in:	Gehmacher, E.
	Housing and Happiness. Life-satisfaction as a consequence of housing conditions
	Paper presented at the international sociological conference`Towards the Good Society' June 1992, Rotterdam, Netherlands
Population:	Residents new appartments blocks, urban areas, Austria, 1991
Sample:	
Non-Response:	
N:	1472

Measured Correlate

Class:	. quality of housing estate Code: H 13.2.3.2
Measurement:	Comparison of happiness in 20 estates: have nots vs utilizers. a. private garden b. public green in estate c. adjacent large green d. sauna in estate e. swimming pool in estate f. sun-terrace or roof in estate g. sport rooms in block h. club rooms in block i. garage in block

Measured Values:	
Error Estimates:	
Remarks:	Difference in % fully satisfied with life

Observed Relation with Happiness

Happiness Query	Statistics	Remarks	
O-SLW/u/sq/n/5/a	D%=+04	a	
	D%=+05	b	Difference in % fully satisfied with life
	D%=+10	c	
	D%=+14	d	
	D%=+11	e	
	D%=+11	f	
	D%=+13	g	
	D%=+11	h	
	D%=+10	i	

Study	**AUSTR 1984/2**		*Page in Report:*	237

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

Measured Correlate

Class:	Attitudes to housing Code: H 13.3
Measurement:	Single closed question: To what degree does your current place of residence feel like a 'home' to you (i.e., a personal refuge, sanctuary, etc.)? Rated o a 11-point scale ranging from 'not at all' to 'completely'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/n/11/a	r=+.35 p<.001	

Study	**ZEHNE 1977**	*Page in Report:*	118/119

Reported in:	Zehner, R.B.
	Indicators of the quality of life in new communities.
	Indicators of the quality of life in new communities. Ballinger Publishers, 1977, Cambridge, USA.
Population:	Residents communities,planned and unplanned, USA, 1973
Sample:	
Non-Response:	
N:	planned;2596, unplanned;1298, total;3894

Measured Correlate

Class:	Attitudes to housing Code: H 13.3
Measurement:	0. Non-subsidized housing 1. Subsidized housing
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/n/7/a	D%= ns	

| **Study** | **KAINU 1998** | *Page in Report:* | 261 |

Reported in:	Kainulainen, Sakari
	Elämäntapahtumat ja elämään tyytyväisyys eri sosiaaliluokissa, (Life Events and Kuopio University Publications (E Social Sciences 62), Kuopio ,Finland .
	ISBN 951-781-821-1
Population:	18+ aged, general public, non-institutionalized, former province Kuopio, Finland, 1991-'96.
Sample:	Probability sample (unspecified)
Non-Response:	not rep
N:	2682

Measured Correlate

| *Class:* | Concern about housing Code: H 13.3.1 |
| *Measurement:* | ```
Have you experienced shortage of housing
(a) during the last year ?
(b) ever in your life ?
Answers:  No(=0)  or  Yes(=1).
``` |
Measured Values:	Never: N = 2102
	Ever in your life: N = 378
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SLu/c/sq/v/5/g	r=-.16	p<.	during the last year
	r=-.13	p<.	ever in your life
	DM=-	p<.	never: M = 3.90
			ever in your life: M = 3.63
			95% CI for difference: [0.18 ; 0.36]

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

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question rated on an 11-point self-anchoring scale, based on Cantril (1965)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/l/11/b	r=+.13	

Study	**ANDRE 1976/1**	*Page in Report:*	112

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976. New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1972/75
Sample:	
Non-Response:	24%
N:	1297

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question: "How do you feel about your house/apartment?" Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	E²=+.36	Unaffected by sex
	Beta=+.1	ß controlled for 11 domain satisfactions (efficacy, family, money, amount of fun, spare-time activities, national government, things do with family, consumer, time to do things, health, job).
	Beta=+.1	ß controlled for sociodemographic variables (family life-cycle, age, family income, education, race, sex) and 11 domain satisfactions.

Study	**ANDRE 1976/3**	*Page in Report:*	112

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non institutionalized, USA, 1972/11
Sample:	
Non-Response:	38%
N:	1072

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question: "How do you feel about your house/ apartment?" Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	E²=+.44	

Study	**ANDRE 1976/3**	*Page in Report:*	156

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non institutionalized, USA, 1972/11
Sample:	
Non-Response:	38%
N:	1072

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question: "How do you feel about your house/ apartment?" 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-SLW/c/sq/n/7/a	r=+.32	
O-SLW/u/sq/t/101/a	r=+.22	

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 housing Code: H 13.3.2
Measurement:	Closed question: "How do you feel about your house/ apartment?" 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*
A-BB/cm/mq/v/2/a	r=+.22	
O-BW/cy/sq/l/9/a	r=+.26	
O-DT/u/sqt/v/7/a	r=+.36	
O-HL/c/sq/v/3/aa	r=+.24	
O-HL/u/sq/v/7/b	r=+.41	
O-SLW/u/sq/f/7/a	r=+.29	

Study	**ANDRE 1976/6**	*Page in Report:*	156

Reported in:	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1972-73
Sample:	
Non-Response:	
N:	1072+1433+222

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question: "How do you feel about your house/ apartment?" (asked in November 1972 and July 1973) 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=+.40	

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

Reported in:	Bakker, P. & Berg, N. van de
	Determinants and correlates of happiness.
	Unpublished thesis, 1974, Erasmus University Rotterdam, The Netherlands.
Population:	20-65 aged, general public, The Netherlands, 1968
Sample:	
Non-Response:	34% refusal and
	unattainable.
N:	1552

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question rated on an open graphic scale ranging from 'very dissatisfied' to 'very satisfied'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HP/g/sq/ol/7/a	G=+.41 p<.05	Lower among medium S.E.S. Stronger among high or low S.E.S. Lower among medium and high educational level. Unaffected by age and sex.

Study	**BALAT 1993**	*Page in Report:*	235

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single question "How do you feel about your housing right now?". Rated on 7-point scale from: 1.Terrible.......to . . 7. Delighted.
Measured Values:	M= 4.21; SD=1.67.
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-DT/c/sq/v/7/b	r=+.31	p<.01	p two tailed
O-DT/u/sq/v/7/a	r=+.32	p<.01	p two-tailed

Study	**BATIS 1996**	*Page in Report:*	159-168

Reported in: Batista-Foquet, J.M., Coenders, G. & Sureda-Pascual, J.
A Comparative Study of Satisfaction with Life in Europe: "Satisfaction in Catalonia,
Eotvos University Press, Budapest 1996, pp 155-174.

Population: 16+ aged, general public, Catalonia, Spain, 1989

Sample: Probability stratified sample

Non-Response: not reported

N: 406

Measured Correlate

Class: Satisfaction with housing Code: H 13.3.2

Measurement:
```
Single question:
"How satisfied are you recently with your housing?"
1. completely dissatisfied
2. dissatisfied
3 neither satisfied nor dissatisfied
4 satisfied
5 completely satisfied
```

Measured Values: M= 3.58; SD= 1.04

Scale	%
1.	2.7
2.	13.8
3.	26.6
4.	36.5
5.	20.4

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLW/c/sq/v/5/e	r=+.33	
	rp=+.48	rp corrects for random and systematic measurement error

Study **BECKE 1984**

Page in Report: V582

Reported in:	Becker, J.W.; Vink, R.
	A comparison between the unemployed, disabled workers and the employed
	Rijswijk: Sociaal en Cultureel Planbureau, 1984
Population:	18-64 aged, general public, The Netherlands, 1982
Sample:	Probability multi-stage cluster sample
Non-Response:	68-94%
N:	465

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single question:
	"To what extent are you satisfied with your housing (the quality of the house you are living in)?"
	0=very dissatisfied
	1=dissatisfied
	2=neither satisfied nor dissatisfied
	3=satisfied
	4=very satisfied
Measured Values:	M=2.1868
	SD=0.9567
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-SLL/c/sq/v/5/a	r=+.14	p<.002	working
	r=+.25	p<.000	unemployed
	r=+.23	p<.000	disabled

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

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	`Single direct question`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sqt/v/7/a	r=+.44	

Study   **BHARA 1977**   *Page in Report:*   430

Reported in: Bharadwaj, L. & Wilkening, E.A.
                 The prediction of perceived well-being
                 Social Indicators Research, l977, vol 4, 421-439

Population: 18+ aged, general public, Wisconsin, USA, 197?

Sample:

Non-Response: 12%

N: 1423

Measured Correlate

Class: Satisfaction with housing Code: H 13.3.2

Measurement: `direct closed question rated on a 7-point scale, ranging from "completely satisfied" to "completely dissatisfied".`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sqt/v/7/a	r=+.3?	
	Beta=ns	All ß`s controlled for satisfaction with family-life, standard of living, work, health, income, sparetime activities, community, food, spiritual matters, education, organizational involvement, natural environment, national government.

```
AGE                    INCOME
under 30  ß:  ns       under $4000     ß:  ns
30-49     ß: +.17      $4000- 7999     ß:  ns
50-64     ß: +.07      $8000-15999     ß: + 13
over 65   ß:  ns       over $16000     ß:  ns
GENDER
males     ß:  ns
females   ß:  ns
```

Study	**BUTTE 1977**	*Page in Report:*	358

Reported in:	Buttel, F.H. & Martinson, O.B.
	Ideology and social indicators of the quality of life
	Social Indicators Research, vol 4, 1977, p.353-369
Population:	18+ aged, general public, Winconsin USA, 1974
Sample:	
Non-Response:	
N:	548

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single closed question rated on a 7-point scale: How satisfied or dissatisfied are you with this house, apartment: completely satisfied / very satisfied / satisfied / satisfied-dissatisfied / dissatisfied / very dissatisfied / completely dissatisfied?
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
C-A/u/sq/v/7/a	r=+.24	p<.05	
O-HL/c/sq/v/7/a	r=+.25	p<.05	
O-SLW/u/sq/v/7/b	r=+.31	p<.05	

Study	**CAMPB 1981**	*Page in Report:*	157

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single closed question on amount of satisfaction with housing, rated on a 7-point scale ranging from completely dissatisfied to completely satisfied.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

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

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 housing Code: H 13.3.2
Measurement:	Single closed question: 'How do you feel about your house/apartment?, 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= +.21 (01) T2: 1979 r= +.13 (05) T3: 1981 r= +.36 (01) Both variables assessed at T1, T2, and T3. Correlation concerns same time measures.

Study	**GEHMA 1986**	*Page in Report:*	9

Reported in:	Gehmacher, E.
	Gluck als Mathematische Gleichung.(Happiness as an mathematical equation.)
	Start und Aufstieg. Zeitschrift des Berufsforderungs Instituts, Vienna, Austria 1986, vol 2. page 8-9
Population:	Adult, general public, Austria, 1985
Sample:	
Non-Response:	?
N:	1814

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/n/6/a	r=+.37	
	Beta=+.1	ß controled for satisfaction with work, health, leisure and politics

Study	**GEHMA 1987**	*Page in Report:*	150

Reported in: Gehmacher, E.
Gebaute Gemeinschaft (Built community: effects of architecture on social contacts
Sozial Wissenschaftliche Rundschau (SWS)   vol 27, 1987, page 147-156

Population: Residents housing estates, Vienna, Austria, 1987

Sample:

Non-Response: ?

N: 218

Measured Correlate

Class: Satisfaction with housing Code: H 13.3.2

Measurement: `Single direct question rated on a 1-5 step scale.`

Measured Values:

Error Estimates:

Remarks: ß controled for satisfaction with leisure, social contacts and activities.

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*	
M-FH/cm/sq/v/5/a	r=+.29		
	Beta=+.1 p<.05	`- high ß=+.15` `- low  ß=+.10`	ß controled for satisfaction with leisure, social contacts and activities.
O-SLL/c/sq/v/5/b	r=+.29		

	Beta=+.1 p<.05	`Contact-facilities in housing estate:`
		`- high  ß=+.10`
		`- low   ß=+.06`	

Study	**HALL 1973**	*Page in Report:*	100

Reported in:	Hall, J.
	Measuring the quality of life using sample surveys.
	Stöber, J. et al.: 'Technology assessment and the quality oflife', Elsevier, 1973. Amsterdam, The Netherlands.
Population:	Adults, general public, Britain, 1971
Sample:	
Non-Response:	
N:	593

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	`Question rated on a 7-point self- anchoring scale, based on Cantril (1965)`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/l/7/a	r=+.19	

| **Study** | **HALL 1976** | *Page in Report:* | 50 |

Reported in: Hall, J.
Subjective measures of quality of life in Britain: 1971-1975. Some developments and
Social Trends, 1976, vol 7, p.47-60

Population: Adults, general public, Great Britain, 1971-75

Sample:

Non-Response: ?

N: 593 in '71, 966
in '73 and 932 in
'75

Measured Correlate

Class: Satisfaction with housing Code: H 13.3.2

Measurement: `Direct closed question rated on a 11-point scale.`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/l/11/a	r=+.18	1971
	r=+.35	1973
	r=+.37	1975

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

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	`1 single question on satisfaction with  your house/flat, scored on a 1-9 rating scale.`
Measured Values:	M = 6.6 SD = 1.4
Error Estimates:	
Remarks:	Item scored on the same rating scale as the question on happiness.

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/9/a	r=+.30 p<.001	
	Beta=+.0	Item scored on the same rating scale as the question on happiness.

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

Beta=+.0

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

Study	**HEADE 1984**	*Page in Report:*	211

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

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

Sample:

Non-Response:

N: 184

Measured Correlate

Class: Satisfaction with housing Code: H 13.3.2

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

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*

A-BB/cm/mq/v/2/a	Beta=+.0 ns	`Happiness T2 by satisfaction T2, controlling for`
		`happiness T1 and satisfaction T1.`
		
		`ß can be interpreted as regression between CHANGE`
		`OF HAPPINESS and CHANGE OF SATISFACTION in time.`

Study	**HERZO 1982/2**	*Page in Report:*	68- 72

Reported in:	Herzog, A.R., Rodgers, W.L. and Woodworth, J.
	Subjective well-being among different age groups.
	Research report series, Institute for Social Research, University of Michigan, USA. 1982
Population:	25-97 aged, general public, non-institutionalized, USA,1971-78
Sample:	
Non-Response:	
N:	1955/1822/3141

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	DATASET 1 "This community as a place to live?": "How do you feel about your house or appartment?" Both rated on a 7-point scale (high score indicating high satisfaction): responses were combined into index. DATASET 6 and 7 "Consider all the things we have talked about, how satisfied or dissatisfied are you eith this house/appartement?: "I want you to tell me how satisfied you are with (name city or county) as a place to live in". Both rated on a 7-point scale (high score indicating high satisfaction): responses were combined into index.
Measured Values:	
Error Estimates:	
Remarks:	DATASETS: 1: 1972, N=1955, SI Study, See ANDRE 1976 6: 1971, N=1822, QOL Survey, See CAMPB 1975 7: 1978, N=3141, QOL Survey, See CAMPB 1981

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/aa	Beta=+.0 p<.05	DATASET 1: ß identical across age (25-44/45-64/65-97). ß controlled for Economic, Job, Health, Marriage and Interpersonal/Leisure satisfaction.
	Beta=+.0 ns	DATASET 6: ß identical across age (25-44/45-64/65-97). ß controlled for Economic, Job, Health, Marriage and Inerpersonal/Leisure satisfaction.
	Beta=+.0 p<.05	DATASET 7: ß identical across age (25-44/45-64/65-97). ß controlled for Economic, Job, Health, Marriage and Interpersonal/Leisure satisfaction.

Study	**HULIN 1969**	*Page in Report:*	285

Reported in:	Hulin, C.L.
	Sources of variation in job and life satisfaction: The role of community and job-related
	Journal of Applied Psychology, 1969, vol. 53, p. 279-291.

Population:	White collar workers, living in company towns, Columbia Canada, 196?
Sample:	
Non-Response:	24%
N:	470

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Question rated on a graphic rating scale very dissatisfied / somewhat dissatisfied / neither dissatisfied nor satisfied / somewhat satisfied / very satisfied.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SLu/g/sq/f/7/a	r=+	p<.	Males : r = +.23 (01)
			Females: r = +.08 (ns)

Study	**JONG 1969**	*Page in Report:*	192

Reported in:	Jong-Gierveld, J. de
	The unmarried. (In Dutch: De ongehuwden).
	Samson Publ. 1969, Alphen a/d Rijn, The Netherlands.
Population:	30-55 aged, general public, Amsterdam, The Netherlands, 1965
Sample:	
Non-Response:	31%;
N:	600

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Direct question.
	0 No
	1 Yes
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-SL?/?/sq/v/5/a	r=+	p<.	Never married males : r = +.30 (01)
			Married males : r = +.01 (ns)
			Never married females: r = +.29 (025)
			Married females : r = +.04 (ns)

Study   **KASL 1975**   *Page in Report:*   277

Reported in: Kasl, S.V. and Harburg, E.

                  Mental Health and Urban Environment, some doubts and second thoughts

                  Journal of Health and Social Bahavior, 1975, Vol.16, Nr.3   pp 268-282

Population: 25-60 aged married adults, Detroit, USA, 197?

Sample:

Non-Response: 17%

N: 1000

Measured Correlate

Class: Satisfaction with housing Code: H 13.3.2

Measurement: ```
                  Single direct question: How satisfied
                  or dissatisfied are you with your house
                  or appartment as a place to live?
                  (dissatisfied vs satisfied)
                  ```

*Measured Values:*

*Error Estimates:*

*Remarks:*

## Observed Relation with Happiness

*Happiness Query*    *Statistics*          *Remarks*

O-HL/c/sq/v/3/d      r=+                  ```
                                          High stress area - Low stress area
                                          Black males   r =     +.28   -      +.28
                                          White males   r =     +.30   -      +.21
                                          Black females r =     +.19   -      +.42
                                          White females r =     +.09   -      +.10
                                          ```

Study	**LEVY 1975/1**	*Page in Report:*	372

Reported in:	Levy, S. & Guttman, L. On the multivariate structure of well-being Social Indicators Research, 1975, vol. 2, p.361-388
Population:	18+ aged, general public, urban areas, Israel, 1973
Sample:	
Non-Response:	-
N:	1940

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	`Closed question ranging from 'very un- satisfied' to 'very satisfied'.`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-AOL/c/sq/v/4/b	mc=+.26	
O-HL/c/sq/?/6/a	mc=+.30	

Study	**LEW 1998**	*Page in Report:*	61

Reported in:	Lew, S. & Park, H.
	Economic development, housing standards, and quality of life in S.Korea.
	Development and Society, vol 27, p 51-66
Population:	20-60 aged, general public, South Korea, 1996
Sample:	Probability stratified sample
Non-Response:	not rep
N:	1000

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	single question:
	'how satisfied with the home you and your family currently live'
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/f	Beta=+.1 p<.001	Beta controlled for:
		- satisfaction with social security and
		cultural life
		- satisfaction with economic social status
		- satisfaction with personal relations and
		health
		- satisfaction with child raising and education

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

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

Measured Correlate

| *Class:* | Satisfaction with housing Code: H 13.3.2 |
| *Measurement:* | Single direct question rated on a 7-point Delighted-Terrible scale: How do you feel about your residence (house, apartment, duplex)? |

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	r=+.16 p<.05	

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

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question rated on a 7-point scale.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/c/sq/v/7/aa	r=+.27 p<.01	Controlled for 1 rpc= -.09 (05) Controlled for 1+2 rpc= -.10 (05) Controlled for 1+3 rpc= -.06 (ns) Controlled for 1+2+3 rpc= -.06 (ns) Controlled for 1 ß = -.05 Controlled for 1+3+4 ß = -.02
		1= Satisfaction with health, financial security, family life, friendships, job, free time activity, education, self-esteem, area you live in, ability to get around, security from crime. 2= Global happiness(indicator 2, HAPP 1.1) 3= Demographic factors (sex, age, marital status, education, family income) 4= Workstatus.
O-HL/u/sq/v/7/a	r=+.25 p<.01	
	rpc=+.02 ns	rpc controlled for: Satisfaction with health , financial security, family life, friendships, job, free time activity, education, self-esteem, area you live in, ability to get around, security from crime.

Study   **MICHA 1982**

Page in Report: 24

Reported in:	Michalos, A.C.
	The satisfaction and happiness of some senior citizens in rural Ontario
	Social Indicators Research, Vol 11, 1982, p.1-30
Population:	60+ aged, rural townships,Southern Huron County, Ontario, Canada, 198?
Sample:	
Non-Response:	37%
N:	392

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question on suitability of present home,rated on a 7-point scale
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/c/sq/v/7/aa	Beta=+.2	All ß's controlled for satisfaction with family life, friendships, financial security, self esteem, spouse, health, transportation, recreation, religion,area you live in, government services; and for sex, age, formal education.
		Males: N:149 ß:+.18
		Females N:121 ß:+.19
		Farmer N:130 ß:+.16
		Non-farmer N:141 ß:+.22
		Aged 60-74 N:170 ß:+.21
		Aged 75-up N:102 ß:+.23
O-HL/u/sq/v/7/a	Beta=-.0	All ß's are controlled for satisfaction with family life, friendships, financial security,self-esteem, spouse, health, transportation,recreation, religion, area you live in,government services; and for sex, age and education.
		Males N:149 ß:+.02
		Females N:121 ß:-.05
		Farmers N:130 ß:- 02
		Non-farmers N:141 ß:-.03
		Age 60-74 N:170 ß:-.04
		Age 75-up N:102 ß:+.02

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

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question on suitability of present home, rated on a 7-point scale
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/c/sq/v/7/aa	Beta=+.0	All ß's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the demographic factors: sex, age, formal education, language, work status, marital status, time in area.
		Males : N: 173 ß: +.04
		Females: N: 154 ß: +.16
O-HL/u/sq/v/7/a	Beta=+.0	All ß's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, area you live in, recreation activity, religion, self esteem, transportation, government services; and for sex, age, formal education, language, work status, marital status, time in area.
		Males : N: 173 ß: +.06
		Females: N: 154 ß: +.16

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

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	`Closed question on suitability of present home,rated on a 7 point scale. 1: terrible...7:delightful.`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*

O-DT/c/sq/v/7/aa	Beta=+.1 p<.01	`N: 296`
		
		`ß controlled for satisfaction with:`
		`health, financial security, family relations, paid`
		`employment, friendships, recreation, religion, self-`
		`esteem and education`

Study	**MICHA 1986**	*Page in Report:*	360

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Closed question on suitability of present home, rated on a 7-point scale. 1: terrible..7: delightful.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/c/sq/v/7/aa	Beta=+.1 p<.01	ß controlled for self-esteem and satisfaction with: health, financial security, friendships, spouse.
	Beta=+.2 p<.01	Females
O-HL/u/sq/v/7/a	Beta=+.1 p<.01	ß controlled for self-esteem and satisfaction with: health, financial security, friendships, spouse.
	Beta=+.1 p<.01	Males
	Beta=+.2 p<.01	Females

Study	**PALIS 1984B**	*Page in Report:*	25-26

Reported in:	Palisi, B.J.
	Household crowding and well-being: a cross-cultural analysis
	International Journal of Sociology of the Family, Vol. 14, 1984, p.17-31
Population:	Males, metropolitan areas: London, Los Angeles and Sydney, 1977-80
Sample:	
Non-Response:	67%
N:	752 (London 226, L.A. 292, Sydney 234)

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Subjective crowding: closed questions on how frequently the respondent has had the following feelings, ranging from 1 (all the time) to 4 (never):

- feelings that the home is the right size
- feelings of personal privacy from   household members
- perception of lack of room in the   household
- feelings that there are too many   people at home
- feelings that people get in each   other's way at home

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
M-FH/cm/sq/v/4/a	Beta= p<.	

```
                          Subj. crowding      London       L.A.        Sydndey
                          -right size   ß =   +.13 ns     +.19 05     +.08 ns
                          -privacy      ß =        ns          ns          ns
                          -lack room    ß =   +.06 ns     -.03 ns     -.06 ns
                          -too many     ß =   -.06 ns     +.07 ns     -.16 ns
                          -in way       ß =   -.03 ns     -.14 ns     +.04 ns
                                        R²=    .07 ns      .10 ns      .08 ns

                          All values controlled for marriage status,
                          occupation, education, age and neighbourhood noise.
```

Study	**PEIL 1984**		*Page in Report:*	372

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Direct question: "How do you feel about your house?"
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/l/7/a	r=+	Males : r = +.32
		Females: r = +.46

Study	**SHINN 1978**	*Page in Report:*	483/487

Reported in:	Shinn, D.C. & Johnson, D.M.
	Avowed happiness as an overall assessment of the quality of life
	Social Indicators Research, Vol 5, 1978, pp. 475-492
Population:	Heads of households, Illinois, USA, 1975
Sample:	
Non-Response:	17%
N:	665

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single closed question rated on a scale ranging from very satisfied to very dissatisfied or from excellent to very poor
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/3/aa	r=+.29 p<..05	When controlled for: - assessments only ß = +.10
		- resources and
		assessments ß = +.10
		- assessments and
		comparisons ß = +.10
		- assessmenents,
		resources and
		comparisons ß = +.09

'Assessments': satisfaction with: standard of living, leisure time, health, education, community, government;'Resources': race, sex, age, income, education, house ownership, marital status, number of children, number of household members; 'Comparisons': perception of being happier than others and perceived financial improvement in the past few years.

Study	**SONDE 1975**	*Page in Report:*

Reported in:	Sondermeijer, B.
	Health correlates of happiness
	Unpublished report, 1975, Rotterdam.
Population:	40-60 aged male employees, Rotterdam, The Netherlands, 197?
Sample:	
Non-Response:	5%
N:	13,000

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single direct question:
	0 No
	1 Yes
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
M-FH/g/sq/v/2/a	G=+.26 p<. 000	
	G=+.26 p<. 000	

Study	**WHITE 1979**	*Page in Report:*	874

Reported in:	White, L.K.
	Sex differentials in the effects of remarriage on global happiness
	Journal of Marriage and the Family, vol 41, 1979, 869-876
Population:	Adult, general public, married and divorced, Nebraska, USA, 1977
Sample:	
Non-Response:	
N:	1085

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single closed question: "How satis-factory is your present residence?"
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/3/ad	r=	1: first marriage men r = +.23 (05)
		2: first marriage women r = +.18 (05)
		3: remarriage men r = +.31 (05)
		4: remarriage women r = -.07 (ns)

Study	**ZEHNE 1977**	*Page in Report:*	112

Reported in:	Zehner, R.B.
	Indicators of the quality of life in new communities.
	Indicators of the quality of life in new communities.　　Ballinger Publishers, 1977, Cambridge, USA.
Population:	Residents communities,planned and unplanned, USA, 1973
Sample:	
Non-Response:	
N:	planned;2596, unplanned;1298, total;3894

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	Single closed direct question rated on a 7-point scale.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/n/7/a	r=+.33	
	Beta=+.1	ß controlled for: - Socio-demographic variables: age, sex, education, marital status, family income, dwelling unit value, tenure, lenght of residence, number of children in the household. - Satisfaction with: standard of living, family life, use of leisure time, marriage, health, housework, job, neighbourhood, community. Unplanned communities are left out.

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

Measured Correlate

Class:	Satisfaction with housing Code: H 13.3.2
Measurement:	`Single direct question rated on a 11-point scale.`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*				
O-HL/c/sq/v/4/b	SNR=		eta	G	r	ß
		1978	+.19	+.27	+.18	+.19
		1980				
		1984	+.19	+.25	+.17	+.18
		1988	+.21	+.28	+.18	+.20

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

Happiness Query	*Statistics*	*Remarks*				
O-SLW/c/sq/n/11/b	SNR=		eta	G	r	ß
		1978	+.35	+.36	+.34	+.33
		1980				
		1984	+.32	+.33	+.32	+.32
		1988	+.27	+.28	+.25	+.26

ß'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/c/sq/v/4/b   Selfreport on single closed question:

"How is your mood these days....?"
4 very good all the time
3
2
1 not good almost all the time

A-AOL/m/sq/v/5/a   Single direct question:
'How are you feeling now....?'
5 very good
4 good
3 neither good nor poor
2 poor
1 very poor

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

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

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

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

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

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

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

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

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

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

Possible range -6 to +4

Name: Bradburn's `Affect Balance Scale' (adapted version)

C-A/u/sq/v/7/a	Selfreport on single question:

"How do you feel about what you are acomplishing in life...?"
7 completely satisfied
6 very satisfied
5 satisfied
4 satisfied-dissatisfied
3 dissatisfied
2 very dissatisfied
1 completely dissatisfied.

M-AO/c/mq/*/0/a	Selfreport on 4 questions:

A "For the past five years, how much have you accomplished of what you
planned in your life?"
B "How much are you satisfied with your life as a whole these days?"
C "How much do you enjoy your life these days?"
D "How happy have you been for the past five years?"

Summation: simple average

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

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

3
2
1 not too happy

M-FH/cm/sq/v/5/a   Selfreport on single question:

"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

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

M-FH/g/sq/v/2/a   Selfreport on single question:

"Are you generally satisfied? "
2   yes
1   no

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

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

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

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

O-BW/cy/sq/l/9/a   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/c/sq/v/7/b

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

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

O-DT/u/sq/f/7/a

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

Name: Andrews & Withey's "Delighted-Terrible Scale" (modified
version)

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

"How do you feel about your life as a whole.....?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed
3 mostly dissatisfied
2 unhappy
1 terrible

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

O-DT/u/sqt/v/7/a   Selfreport on single question, asked twice in interview:

"How do you feel about your life as a whole......?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed
3 mostly dissatisfied
2 unhappy
1 terrible

Summation: arithmetic mean

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

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

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

O-HL/c/sq/?/6/a   Selfreport on single question:

                         "Generally speaking, are you happy these days......?"
                         6 very happy
                         5
                         4
                         3
                         2
                         1 very unhappy
                         (Response options not fully reported)

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

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

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

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

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

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

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

                         "Now thinking about your life these days in general, would you say, you are.....?"
                         3 very happy
                         2 fairly happy
                         1 unhappy

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

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

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

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

"Taking all things together in your life, how would you say things are these days? Would you say you are ....?"
5 very happy
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy

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

"Taking all things together, do you feel happy these days....?
5 very happy
4 somewhat happy
3 so so
2 somewhat not happy
1 not happy at all

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

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

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

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

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

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

"Taking all things together, would you say you are.....?"
4 very happy
3 quite happy
2 not very happy
1 not at all happy.

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

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

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

"How do you feel how happy you are.....?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed (about equally satisfied and dissatisfied)
3 mostly
2 unhappy
1 terrible

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

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

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

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

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

"To what extend do you consider yourself a happy person....?"
5 very happy
4 happy
3 neither happy nor unhappy

2 not very happy
1 unhappy

In Dutch:
"In welke mate vindt u zichzelf een gelukkig mens   ?"
5 erg gelukkig
4 gelukkig
3 niet gelukkig, niet ongelukkig
2 niet zo gelukkig
1 ongelukkig
- weigert
- weet niet

O-SL?/?/sq/v/5/a   Selfreport on single question:

"....... satisfaction with life ....."
(full question not reported)
5 very satisfied
4 satisfied
3 don't know/satisfied
2 don't know/not satisfied
1 disappointed in life

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

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

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

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

"How satisfied are you with the life you lead these days.......?"
5 very satisfied
4 fairly satisfied
3 neither satisfied nor dissatisfied
2 rather dissatisfied
1 very dissatisfied

In German:
"Wie zufrieden sind sie mit dem Leben, wie Sie es

zur Zeit furhren.....?"
e sehr zufrieden
d recht zufrieden
c weder zufrieden noch unzufrieden
b eher unzufrieden
a sehr unzufrieden

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/c/sq/v/5/g   Self report on single question:

'How satisfying do you find your life at the moment.....?'
1 very dissatisfying
2 quite dissatisfying
3 not satisfying not dissatisfying
4 quite satisfying
5 very satisfying

In Finnish: 'Kuinka tyydyttäväksi koet elämäsi tällä hetkellä ?'

O-SLu/g/sq/f/7/a   Selfreport on single question:

"...... satisfaction with life in general........"
(Full question not reported.)

Responses scored on pictorial scale consisting of seven smilies, expressing
variations from very unhappy to very happy.
1   unhappy face
2
3
4   neutral face
5
6
7   unhappy face
(Pictures not reproduced here.)

Name: Kunin's `Faces Scale'.

O-SLW/?/sqt/n/5/a   Selfreport on single question asked twice
".... satisfaction with life on the whole..'
(full lead item not reported)

1 completely dissatisfied
2
3 neither satisfied nor dissatisfied
4
5 completely satisfied

O-SLW/c/sq/l/11/a   Selfrating on single question:

"All things considered, how satisfied or dissatisfied are you overall with your life as
a whole these days?"

Rated on ladder scale
[10] completely satisfied
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[   ]
[0] completely dissatisfied

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

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

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

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

	1 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 unstatisfied nor totally satisfied range yourself somewhere between '1' and '9"

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

Originall text in German:
"Was meinen Sie, wie zufrieden sind Sie gegenwärtig - alles in allem - heute mit Ihrem Leben ? Wenn Sie zum Beispiel mit Ihrem Leben heute ganz und gar zufrieden sind, geben Sie bitte die '10' an.Wenn Sie mit Ihrem Leben heute ganz und gar unzufrieden sind, geben Sie '0' an.Wenn Sie weder ganz und gar zufrieden noch ganz und gar unzufrieden sind, dann ordnen Sie sich irgendwo zwischen '1'und '9' ein."

O-SLW/c/sq/n/6/a	Selfreport on single question:

"Are you currently satisfied with your life all in all......?"
0 not satisfied
1
2
3
4
5 very satisfied

In German:

"Sind Sie derzeits mit Ihrem Leben im grossen und ganzen zufrieden.....?"
0   nicht zufrieden
1
2
3
4
5   sehr zufrieden

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

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

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

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

"How satisfied are you recently with your life as a whole.....?"
1 completely dissatisfied
2 dissatisfied
3 neither satisfied nor dissatisfied
4 satisfied
5 completely 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
1   very dissatisfied
-   Do not know, difficult to say

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

O-SLW/u/sq/f/7/a   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)

O-SLW/u/sq/l/7/a   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)

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

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

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

"Taking all together, how satisfied are you with your life-as-a-whole? Please mark
a number below."
1 very satisfied
2
3
4
5 not at all satisfied

In German:

"Alles im allem gesehen. Wie zufrieden sind Sie mit Ihrem Leben insgesammt.....?"

1 sehr zufrieden
2
3
4
5 gar nicht zufrieden

O-SLW/u/sq/n/5/b   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')

In German:
"Wiezufrieden sind Sie, alles im allem gesehen, mit Iherm Leben insgesamt....?"
5 sehr zufrieden
2
3
2
1 gar nicht zufrieden

O-SLW/u/sq/t/101/a   Selfreport on single question :

"Where would you put your life as a whole on a feeling thermometer?"
Rated on 'thermometer scale' (in grades)
0 degrees: very cold, negative
10
20
30
40
50
60
70
80
90
100 very warm, positive

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

"Taking your life as a whole, are you ....?"
5 very satisfied
4 quite satisfied
3 more satisfied than discontented
2 more discontented than satisfied
1 quite dissatisfied

In German:

"Wenn Sie Ihr Leben jetzt alles in allem betrachten, sind Sie.....?"
5   sehr zufrieden
4   ziemlich zufrieden
3   eher zufrieden
2   eher unzufrieden
1   ziemlich unzufrieden

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

"How do you feel about your life as a whole.....?"
7   completely satisfied
6   very satisfied
5   satisfied
4   satisfied/dissatisfied
3   dissatisfied
2   very dissatisfied
1   completely dissatisfied

O-SLW/u/sqt/v/7/a   Selfreport on single question, asked twice in interview:

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

Summation: both scores added
Possible range: 2 to 14

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

Appendix 2   Statistics used in reported studies

Symbol	Explanation

B — REGRESSION COEFFICIENT (non-standardized)
Type: test statistic
Measurement level: Correlate: metric, Happiness: metric
Theoretical range: unlimited

Meaning:
B > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.
B < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.
B = 0 « not any correlation with the relevant correlate.

Beta — (ß) STANDARDIZED REGRESSION COEFFICIENT
Type: test statistic.
Measurement level: Correlates: all metric, Happinessl: metric.
Range: [-1 ; +1]

Meaning:
beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.
beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.
beta = 0 « no correlation.
beta = + 1 or -1 « perfect correlation.

D% — 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]

Meaning: the difference of the percentages happy people at two correlate levels.

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.

E² — CORRELATION RATIO (Elsewhere sometimes called h² or ETA)

Type: test statistic
Measurement level: Correlate: nominal or ordinal, Happiness: metric
Range: [0; 1]

Meaning: correlate is accountable for 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

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

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

mc   Guttman's monotonicy coefficient.
           Range: [-1, +1].
           Measurement level: Both correlate and happiness ordinal or interval
           Based on the multiplication of signed differences within one variable with the corresponding difference in the second variable and summation over all possible differences.
           Seldom used in happiness research. See excerpted report.

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.

R²   COEFFICIENT of DETERMINATION
           Type: test statistic
           Measurement level: Correlates: all metric, Happiness: metric
           Range: [0; 1]

           Meaning:
           $R^2 = 0$ «   no influence of any correlate in this study has been established.
           $R^2 = 1$ «   the correlates determine the happiness completely.

rp   POLYCHORIC CORRELATION
           Variant of r
           Seldom used in happiness research. See excerpted report for further reference.

rpc   PARTIAL CORRELATION COEFFICIENT
                Type: test statistic
                Measurement level: Correlate: metric, Happiness: metric
                Range: [-1; +1]

                Meaning: a partial correlation between happiness and one of the correlates is that
                correlation, which remains after accounting for the contribution of the other influences,
                or some of them, to the total variability in the happiness scores.
                Under that conditions
                rpc > 0 « a higher correlate level corresponds with a higher happiness rating,
                rpc < 0 « a higher correlate level corresponds with a lower happiness rating,
SNR   Statistic Not Reported

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
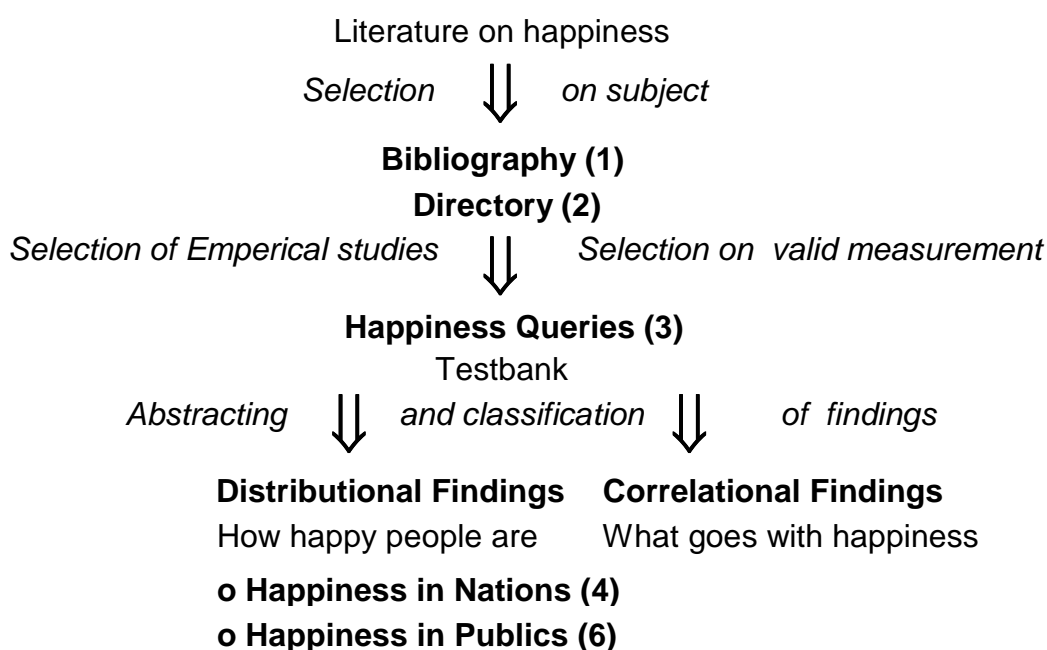Correlational Findings. An overview of all statistics is in chapter 4.

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

Appendix 5   Related Topics

This Topic		*Related Topics*	
Classification Page 1		*In Subject List on Appendix 4*	
H 13	HOUSING	L 10	LOCAL ENVIRONMENT
H 13.1	Housing-career	L 10.1	Residential career
		M 8	MIGRATION: OTHER COUNTRY
		M 9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)
H 13.1.1	Earlier housing		
H 13.1.2	Change in housing		
H 13.1.4	Later housing		
H 13.2	Current dwelling		
H 13.2.1	Type of current dwelling		
H 13.2.2	Current house owned or rented	P 10	POSSESSIONS
H 13.2.3	Quality of current dwelling	L 10.3.3	Local quality of housing
H 13.2.3.1	. quality of house		
H 13.2.3.2	. quality of housing estate		
H 13.3	Attitudes to housing		
H 13.3.1	Concern about housing		
H 13.3.2	Satisfaction with housing		

End of Report