## Findings on Happiness & EDUCATION

**Correlate Code: E 1**

<table>
<thead>
<tr>
<th>Classification of Findings</th>
<th>Number of Studies on this Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 1 EDUCATION</td>
<td>2</td>
</tr>
<tr>
<td>E 1.1. Educational career</td>
<td>1</td>
</tr>
<tr>
<td>E 1.1.1 Earlier educational level</td>
<td>5</td>
</tr>
<tr>
<td>E 1.1.2 Change in education</td>
<td>0</td>
</tr>
<tr>
<td>E 1.1.2.1 Recent completion of study</td>
<td>0</td>
</tr>
<tr>
<td>E 1.1.4 Later educational level</td>
<td>1</td>
</tr>
<tr>
<td>E 1.2 Current education</td>
<td>3</td>
</tr>
<tr>
<td>E 1.2.1 Level of school-education</td>
<td>201</td>
</tr>
<tr>
<td>E 1.2.2 Educational specialization</td>
<td>3</td>
</tr>
<tr>
<td>E 1.3 Attitudes to one's education</td>
<td>1</td>
</tr>
<tr>
<td>E 1.3.1 Educational aspirations</td>
<td>6</td>
</tr>
<tr>
<td>E 1.3.2 Satisfaction with education</td>
<td>19</td>
</tr>
<tr>
<td>E 1.2.3 Literacy</td>
<td>1</td>
</tr>
</tbody>
</table>

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

Correlate Code: E 1

**Study**  
**BRINK 1997B**  

*Reported in:* Brinkhoff, M. & Fredell, K. & Frideres, J.  
Basic minimum needs, Quality of life and selected correlates: explorations in villages  
Social Indicators Research 42 p. 245-281

*Population:* Adult, general public, poor rural village, Bhopalpani, India 1991

*Sample:* Non-probability purposive-quota sample

*Non-Response:* 108

*N:* not rep

---

**Measured Correlate**

*Class:* EDUCATION  
*Code:* E 1

*Measurement:*  
Family needs prioritized by Paired Comparisons. Out of four basic needs, ss were asked to compare two at a time and to select, which they sought 'their family needs most'.  
Items were: food, health, employment, leisure  
This leads to six pairs of comparisons.  
Score per need can be:  
0. not mentioned  
1. once  
2. twice  
3. three times  
Needs index is the mean number of times an item is chosen.

*Measured Values:*  
0: 1,72; 1: 12,8; 2:24,8; 3: 39,4; M: 22,9;

*Error Estimates:*  

*Remarks:* Items for pairwise comparison were selected by participant observation and open interviews

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H?/?/sq/t/7/a</td>
<td>$r=+.08$</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLu/?/sq/5/a</td>
<td>$r=-.04$</td>
<td>ns</td>
</tr>
</tbody>
</table>

*Items for pairwise comparison were selected by participant observation and open interviews*
Study MORAW 1977

Reported in: Morawetz, D.
Income distribution and self-rated happiness: some empirical evidence

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: EDUCATION Code: E 1

Measurement: 1 less than 9 years school
2 9-12 years
3 13+ years

Measured Values:
1 M= 15,9 (%) 
2 M= 57,4 (%) 
3 M= 26,7 (%) 

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-BW/c/sq/l/11/a B= ns B controlled for:
- years live in moshav
- religion
- place of birth
- age
- education
- not married
- children at home
- rooms per house
- rooms per person
- telephone
- no car
- agricultural work
- income per standard adult
- Moshav
Unaffected by kind of community

B= ns B controlled for the above variables with income left out
Findings on Happiness & EDUCATION

**Study**

**MPOFU 1999**

*Reported in:* Mpofu, E
Modernity and subjective well-being in Zimbabwean college students

*Population:* Students, University of Zimbabwe

*Sample:* Non-probability purposive-expert sample

*Non-Response:* N: 110

---

**Measured Correlate**

*Class:* Educational career  Code: E 1.1.

*Measurement:* Teachers with a three to four year diploma or degree in education and at least three years teaching experience.

*Measured Values:* teaching experience in years M=16 SD=9.7

*Error Estimates:* 

*Remarks:* 

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-Sum/u/mq/v/7/a| DMt=4.2 ns | lower M=4.3 SD=1.6  
higher M=4.2  SD=1.7 |
| X/X/X/1/a       | DMt=3.5 ns | lower M=3.2 SD=1.8  
higher M=3.8  SD=1.7 |
|                 | DMt=4.0 ns | lower M=4.1 SD=1.6  
higher M=4.0  SD=1.1 |
|                 | DMt=3.5 ns | lower M=3.1 SD=1.5  
higher M=3.8  SD=1.9 |

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 4 of 364
Study  
**HANSO 1983**  
*Reported in:* Hanson, S.L. & Spanier, G.B.  
Family development and adjustment to marital separation.  
*Population:* Recently separated, followed 2 years, County, Pennsylvania, USA, 1977-79  
*Sample:*  
*Non-Response:* T1: 39 %, T2: 48 %  
*N:* 210  

**Measured Correlate**  
*Class:* Earlier educational level *Code:* E 1.1.1  
*Measurement:* Education assessed at T1 and T2  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mq/v/2/a | B= +  p<.01 | Associated with level of happiness:  
- T1 education by T1 happiness: b = + (01)  
- T2 education by T2 happiness: b = + (01) |
|                 | B=+/-  ns  | Associated with change in happiness T1 - T2:  
- T1 education by change happiness: b = - (ns)  
- T2 education by change happiness: b = + (ns) |

b's controlled for: age, sexe, workstatus, income, occupational status, and family history
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**Study**
KEITH 1985

**Reported in:** P.M. Keith
Work, retirement and well-being among unmarried men and women
The Gerontologist, 1985, vol 25, p 410-416

**Population:** 58-63 aged unmarried, followed 10 years, USA, 1969-1979

**Sample:**
Non-Response:

N: 1398 (326 men, 1072 women)

**Measured Correlate**

**Class:** Earlier educational level  Code: E 1.1.1

**Measurement:** Single closed question, rated on a 6-point scale, ranging from elementary education or less (1) to having done graduate work (6). Assessed at T1. (10 years ago)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>r=+</td>
<td>Happiness assessed at T2: Widowed $r = +.10$ (ns) $\beta = -.05$ (ns) Divorced/Separated $r = +.07$ (ns) $\beta = -.02$ (ns) Never married $r = +.18$ (ns) $\beta = +.10$ (ns) (\beta)'s controlled for sex, age, earlier occupation, earlier happiness, retirement attitudes, health, income and employment.</td>
</tr>
</tbody>
</table>
Study SEARS 1977A

Reported in: Sears, P.S. & Barbee, A.H.

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample: Attrition in 1972:
25%

N: 1928 N=671:
1972 N=430

Measured Correlate

Class: Earlier educational level Code: E 1.1.1

Measurement:
1. High school graduate
2. Some college
3. College graduate

Assessed in 1940

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
C-ASG/h/mq/v/5/a G=+.00 ns Earlier education (1940) by present happiness (1972). The gifted women were about 62 yrs of age at that time.

Specification by education.
- College graduates 52% contented
- Some college 54% contented
- High school graduate 49% contented

Comparison with average 30+ aged women in the USA 1971 (Data CAMPB 1975, happiness indicator HAPP 2.1): G=-.01 (ns)
- College graduate 73% satisfied
- Some college 69% satisfied
- High school graduate 71% satisfied

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 7 of 364
Study VENTE 1995

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: Earlier educational level Code: E 1.1.1

Measurement: 1: < 13 years
2: 13-14 years
3: 15-16 years
4: > 16 years


Error Estimates:

Remarks: Ss in laborforce only

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=</td>
<td>schooling unemployed employed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt; 13 years Mt=7.41 Mt=7.98</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13-14 years Mt=7.65 Mt=7.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15-16 years Mt=7.23 Mt=7.86</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 16 years Mt=5.00 Mt=7.93</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>DMt=</td>
<td>schooling unemployed employed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt; 13 years Mt=6.63 Mt=7.13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13-14 years Mt=6.48 Mt=6.81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15-16 years Mt=6.66 Mt=6.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 16 years Mt=5.00 Mt=6.91</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=</td>
<td>schooling unemployed employed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt; 13 years Mt=6.85 Mt=7.59</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13-14 years Mt=6.76 Mt=7.44</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15-16 years Mt=6.39 Mt=7.65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 16 years Mt=5.00 Mt=7.63</td>
</tr>
</tbody>
</table>
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Study  VENTE 1996

Reported in:  Ventegodt, S.  Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)

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:  Earlier educational level  Code: E 1.1.1
Measurement:

- years of schooling without employment
  - < 13 years: a1
  - 13-14 years: a2
  - 15-16 years: a3
  - > 16 years: a4
- years of schooling with employment
  - < 13 years: b1
  - 13-14 years: b2
  - 15-16 years: b3
  - > 16 years: b4

Measured Values:  N: All:1009; a1:108; a2:17; a3:9; a4:2; b1:614; b2:83; b3:117; b4:59

Error Estimates:
Remarks:

Observed Relation with Happiness

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<th>Happiness Query</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>schooling</td>
<td>unemployed</td>
</tr>
<tr>
<td></td>
<td>&lt; 13 years</td>
<td>Mt = 6.98</td>
</tr>
<tr>
<td></td>
<td>13-14 years</td>
<td>Mt = 7.50</td>
</tr>
<tr>
<td></td>
<td>15-16 years</td>
<td>Mt = 6.90</td>
</tr>
<tr>
<td></td>
<td>&gt; 16 years</td>
<td>Mt = 7.28</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>schooling</td>
<td>unemployed</td>
</tr>
<tr>
<td></td>
<td>&lt; 13 years</td>
<td>Mt = 6.38</td>
</tr>
<tr>
<td></td>
<td>13-14 years</td>
<td>Mt = 6.34</td>
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<td></td>
<td>15-16 years</td>
<td>Mt = 6.15</td>
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<tr>
<td></td>
<td>&gt; 16 years</td>
<td>Mt = 6.51</td>
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<tr>
<td>Schooling</td>
<td>Unemployed</td>
<td>Employed</td>
</tr>
<tr>
<td>-----------</td>
<td>------------</td>
<td>----------</td>
</tr>
<tr>
<td>&lt; 13 years</td>
<td>Mt = 6.51</td>
<td>Mt = 7.60</td>
</tr>
<tr>
<td>13-14 years</td>
<td>Mt = 6.50</td>
<td>Mt = 7.63</td>
</tr>
<tr>
<td>15-16 years</td>
<td>Mt = 6.70</td>
<td>Mt = 7.65</td>
</tr>
<tr>
<td>&gt; 16 years</td>
<td>Mt = 6.66</td>
<td>Mt = 7.58</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

Study

**BACHM 1978**

*Reported in:* Bachman, J. G., O'Malley, P. M., Johnston, J.
*Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the lives* Institute for Social Research, University of Michigan, *Ann Arbor, Michigan, 1978*

*Population:* Public highschool boys followed 8 years from grade 10, USA, 1966-74

*Sample:*

*Non-Response:* 2.8% at T1,
17.2% at T2,
21.0% at T3,
28.9% at T4,
28.5% at T5

*N:* T1 - T5:
2213/1886/1799/
1620/1628

*Measured Correlate*

**Class:** Later educational level  Code: E 1.1.4

**Measurement:** Educational level at T5
1 = HS dropout;
2 = HS grad with no further education; 3 = HS grad with some vocational or technical training;
4 = HS grad with some two-year college; 5 = HS grad with some four-year college;
6 = HS grad with an associate degree;
7 = HS grad with a bachelor degree;
8 = HS grad with some graduate school

*Measured Values:*

*Error Estimates:*

*Remarks:*

*Observed Relation with Happiness*

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HP/g/mq/v/5/a</td>
<td>tau=+</td>
<td></td>
</tr>
<tr>
<td>T1 happiness:</td>
<td>- = +.13 (001)</td>
<td></td>
</tr>
<tr>
<td>T2 happiness:</td>
<td>- = +.10 (01)</td>
<td></td>
</tr>
<tr>
<td>T3 happiness:</td>
<td>- = +.08 (05)</td>
<td></td>
</tr>
<tr>
<td>T4 happiness:</td>
<td>- = +.04 (ns)</td>
<td></td>
</tr>
</tbody>
</table>

Study

**BLOOD 1969**

*Reported in:* Blood, M.R.
Work values and job satisfaction.

*Population:* Military, airforce, low rank maintenance jobs, USA, 196?

*Sample:*

*Non-Response:* 6%
*N:* 420

---

**Measured Correlate**

*Class:* Current education  Code: E 1.2

*Measurement:*

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SL?!/?/sq/l7/a</td>
<td>Beta=-.1 ns</td>
<td>Beta controlled for: age, tenure, fathers occupation and work ethic</td>
</tr>
<tr>
<td></td>
<td>Beta=-.0 ns</td>
<td>Beta controlled for: age, tenure, fathers occupation and work ethic</td>
</tr>
</tbody>
</table>

---

### Study

**BRINK 1997C**

*Reported in:* Brinkerhoff, M & Fredell, K & Frideres, J  
Basic minimum needs, Quality of life and selected correlates: explorations in villages  
Social Indicators Research,42, p 245-281

*Population:* Adult, general public, two poor rural villages, Garhwal area, Northern India, 1996

*Sample:* Non-probability purposive-quota sample

*Non-Response:* 341

*N:* not rep

### Measured Correlate

*Class:* Current education  
*Code:* E 1.2

*Measurement:* Level of education  
1. no formal education  
2. 1st-8th  
3. 9th-12th  
4. University

*Measured Values:* 1: 39%  2: 32%  3: 30%  4: 2%

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
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</thead>
<tbody>
<tr>
<td>O-H/?/sq/l7/a</td>
<td>r=.13</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td>O-SLu/?/sq/l5/a</td>
<td>r=.08</td>
<td>ns</td>
</tr>
</tbody>
</table>
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Correlate Code: E 1

Study: LEE 1998

Reported in: Lee, S.
Marital Status, Gender, and subjective quality of life in Korea.

Population: 20-60 aged, general public, South Korea, 1996

Sample: Probability stratified sample
Non-Response: 4.5%
N: 1000

Measured Correlate

Class: Current education Code: E 1.2
Measurement:

1. elementary
2. middle
3. high school
4. college

Measured Values: 1: 9.7%; 2: 12.0%; 3: 49.1%; 4: 29.1%

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/5/f B=+.03 ns B c o n t r o l l e d f o r
- age
- marital status
- gender
- subjective class
- household income
Findings on Happiness & EDUCATION Correlate Code: E 1

**Study**

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

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

**Sample:** Non-probability chunk sample

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

**N:** Patients:216

**Measured Correlate**

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** Single direct question

**Observed Relation with Happiness**
Findings on Happiness & EDUCATION

**Study**

**ABE 1986**

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


*Sample:* Non-probability chunk sample

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

*N:* Patients: 216
Controls: 216

---

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Single direct question

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

*Happiness Query*  
O-SL?/c/sq/v/3/a

*Statistics*  
DM=

*Remarks*  
p<.05
Findings on Happiness & EDUCATION  

ALEXA 1968  

**Study**  
Reported in: Alexander, W.E.  

Population: Schizophrenic males non-hospitalized, Monroe County, New York, USA, 1964-65  
Sample:  
Non-Response: 28%, most of them patients'or family member refusal  
N: 178  

**Observed Relation with Happiness**  
Happiness Query Statistics Remarks  
O-HL/c/sq/v/3/aa tc=.10 p<.05 Ss with some college are less happy than high school graduates.
Findings on Happiness & EDUCATION Correlate Code: E 1

Study: ALGEM 1982

Reported in: Algemeen Dagblad
We're very happy
Unpublished report nr. 3810, "Centrum voor marketing analyses en soc. wet. onderzoek bv", Amsterdam, NL, 1982

Population: 18+ aged, general public, The Netherlands, 1982

Sample: Non-Response: 5%

N: 300

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
1.
2.
3.
4.
5.
6.
7.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
M-FH/u/sq/v/3/b G=+.21 p<.01 % happy

tc=+.06 ns

| 1.     | 80.0 |
| 2.     | 85.0 |
| 3.     | 82.0 |
| 4.     | 87.2 |
| 5.     | 84.0 |
| 6.     | 93.8 |
| 7.     | 100.0 |


Population: 18+ aged, general public, The Netherlands, 1982

Sample: Non-Response: 5%

N: 300

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
1.
2.
3.
4.
5.
6.
7.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
M-FH/u/sq/v/3/b G=+.21 p<.01 % happy

tc=+.06 ns

| 1.     | 80.0 |
| 2.     | 85.0 |
| 3.     | 82.0 |
| 4.     | 87.2 |
| 5.     | 84.0 |
| 6.     | 93.8 |
| 7.     | 100.0 |

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Study

**ALLAR 1973/1**

_Reported in:_ Allardt, E.

About dimensions of wellfare: an explanatory analysis of a comparative Research Reports, no.1, 1973; research group for comparativesociology, University of Helsinki.

_Population:_ 15-64 aged, general public, Denmark, 1972

_Sample:_

Non-Response:

_N:_ 1000

Measured Correlate

_Class:_ Level of school-education Code: E 1.2.1

_Measurement:_ 8-point scale ranging from "less than elementary school" to "university degree".

_Measured Values:_

_Error Estimates:_

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/a</td>
<td>rpc=.08</td>
<td>Controlled for: Income, housing density, social status, chronic illness, anxiety, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, number of communities in which lived.</td>
</tr>
</tbody>
</table>

World Database of Happiness: www.eur.nl/fsw/research/happiness
Study  |  ALLAR 1973/2
---|---
Reported in:  |  Allardt, E.

About dimensions of wellfare: an explanatory analysis of a comparative Research Reports, no.1, 1973; research group for comparativesociology, University of Helsinki.

Population:  |  15-64 aged, general public, Finland, 1972

Sample:  |  N: 1000

Non-Response:  |  

Measured Correlate

Class:  |  Level of school-education  Code: E 1.2.1

Measurement:  |  8-point scale ranging from "less than elementary school" to "university degree".

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/a</td>
<td>rpc=+.18</td>
<td>Controlled for: Income, housing density, social status, chronic illness, anxiety, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, number of communities in which lived.</td>
</tr>
</tbody>
</table>
### Study

**ALLAR 1973/3**

**Reported in:**
Allardt, E.
About dimensions of wellfare: an explanatory analysis of a comparative
Research Reports, no.1, 1973; research group for comparativesociology, University
of Helsinki.

**Population:**
15-64 aged, general public, Norway, 1972

**Sample:**
Non-Response:

| N: 1000 |

---

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** 8-point scale ranging from "less than elementary school" to "university degree".

---

### Observed Relation with Happiness

**Happiness Query**

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/a</td>
<td>rpc=-+.10</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

**Study**

ALLAR 1973/4

**Reported in:**
Allardt, E.

About dimensions of wellfare: an explanatory analysis of a comparative
Research Reports, no.1, 1973; research group for comparativesociology , University
of Helsinki.

**Population:**
15-64 aged, general public, Sweden, 1972

**Sample:**

**Non-Response:**
N: 1000

**Measured Correlate**

**Class:**
Level of school-education  Code: E 1.2.1

**Measurement:**
8-point scale ranging from “less than elementary school” to "university degree".

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/a</td>
<td>rpc=.05</td>
<td>Controlled for: income, housing density, social status, chronic illness, anxiety, no. of friends, freq. of meetings with relatives, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, no. of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, satisfaction with income, age, gender, no. of communities in which lived, gets sufficient attention.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Correlate Code: E 1

**Study**  
**ALSTO 1974**

*Reported in:* Alston, J.P., Lowe, G.D. & Wrigley, A.  
Socioeconomic correlates for four dimensions of self-perceived satisfaction.  

*Population:* Adult, general public, non-institutionalized, USA 1972

*Sample:
*Non-Response:

*N:* 1602

---

**Measured Correlate**

*Class:* Level of school-education  
Code: E 1.2.1

*Measurement:*  
0-8 yrs / 1-4 yrs high school / college

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/3/a</td>
<td>G=+.09 p&lt;.05</td>
<td>Gammas based on proportions 'very happy'.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Whites: G' =+.12 (05)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blacks: G' =-.37 (01)</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 23 of 364
Study | ANDRE 1976/1  
---|---
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: | Level of school-education  
Code: | E 1.2.1
Measurement: | 1. fifth grade or less  
2. 6-8th grade  
3. 9-11th grade  
4. 9-11th grade plus noncollege training  
5. 12th grade  
6. 12th grade plus noncollege training  
7. some college  
8. BA or BS  
9. BA plus; higher degree

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>$E^2=+.07$</td>
<td></td>
</tr>
</tbody>
</table>
Beta=+.0 controlled for sociodemographic variables (family life cycle, age, income, race and sex)  
Beta=+.0 controlled for sociodemographic variables and 12 domain satisfactions

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 24 of 364
Study  
**ANDRE 1976/4**  
*Reported in:* Andrews, F.M. & Withey, S.B.  
*Social Indicators of Well-being: Americans’ Perceptions of Life Quality*  
Plenum Press, 1976, New York, USA  
*Population:* 18+ aged, general public, non-institutionalized, USA, 1973/3  
*Sample:*  
*Non-Response:* 26%  
*N:* 1433  

**Measured Correlate**  
*Class:* Level of school-education  
*Code:* E 1.2.1  
*Level:*  
1. 0-11 grades of school  
2. high school graduate  
3. some college education  
4. college degree  

*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>$E^2=+.14\quad\beta=+.0$</td>
<td>$\beta$ controlled for sociodemographic variables (family life-cycle, family income, age, race, sex).</td>
</tr>
<tr>
<td></td>
<td>$\beta=+.0$</td>
<td>$\beta$ controlled for sociodemographic variables and 8 criterion variables (fun and enjoyment, physical needs met, yourself, how fairly treated, develop self, interesting daily life, adjust to changes, financial security).</td>
</tr>
</tbody>
</table>

---
Findings on Happiness & EDUCATION Correlate Code: E 1

**Study**

**BAHR 1980**

*Reported in:* Bahr, H.H. & Harvey, C.D.
Correlates of morale among the newly widowed

*Population:* Recently widowed miner’s wives and controls, USA, 1972

*Sample:*

*Non-Response:* Widows 39%, survivor wives 19%, other miners wives 48%

*N:* 222

---

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Direct question on schooling:
No schooling, some grade schooling, completed grade school, technical speciality, some high school, high school graduate, some college, college graduate

**Measured Values:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/10/b</td>
<td>r=+.53</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>p&lt;.?</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td>Other miners wives (husband was not involved in mine fire)</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td>Other miners wives (husband was not involved in mine fire)</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/ac</td>
<td>r=+.52</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>p&lt;.?</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td>Other miners’ wives (husband was not involved in mine fire)</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 26 of 364
| $r$ | ns | Other miners wives (husband was not involved in mine fire) |
### Study

**BAKKE 1974**

**Reported in:** Bakker, P. & Berg, N. van de

*Determinants and correlates of happiness.*


**Population:** 20-65 aged, general public, The Netherlands, 1968

**Sample:**

**Non-Response:** 34% refusal and unattainable.

**N:** 1552

### Measured Correlate

**Class:** Level of school-education  

**Measurement:** Number of years of schooling and level of school education.

### Measured Values

**Error Estimates:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HP/g/sq/ol/7/a</td>
<td>G=-.12 p&lt;.05</td>
<td>Unaffected by sex. Significant among young persons (G = -.16), among high S.E.S. (G = -.17) and among those who experienced a downward intergenerational mobility (G = -.24) only.</td>
</tr>
</tbody>
</table>

---

Page 28 of 364
### Study

**BAMUN 1980**

*Reported in:* Bamundo, P. & Kopelman, R.E.
The moderating effects of occupation, age, and urbanization on the relationship between job satisfaction and life satisfaction

*Journal of Vocational Behavior vol.17, 1980, p.106-123*

*Population:* Heads of households, USA, 1977

*Sample:*

*Non-Response:* 59%

*Measurement:*

1. Grammar school only  
2. High school only  
3. College degree/Graduate degree

*Observed Relation with Happiness*

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLL/g/sq/v/3/a</td>
<td>r=+.04</td>
<td>ns</td>
</tr>
</tbody>
</table>

---

**Measured Correlate**

*Class:* Level of school-education  

*Measurement:*

1. Grammar school only  
2. High school only  
3. College degree/Graduate degree

*Measured Values:*

*Error Estimates:*

*Remarks:*
Findings on Happiness & EDUCATION

Study

BATUS 1996

Reported in: Batista-Foquet, J.M., Coenders, G. & Sureda-Pascual, J.

Population: 16+ aged, general public, Catalonia, Spain, 1989
Sample: Probability stratified sample
Non-Response: not reported
N: 406

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement:
1. compulsory
2. secondary
3. higher

Measured Values:
1. 60.0%
2. 20.0%
3. 20.0%

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/c/sq/v/5/e Beta=-.0 ns
1. compulsory Ma = 3.77
2. secondary Ma = 3.79
3. higher Ma = 3.70

beta and Ma controlled for
gender
age
town size
## Study

**Beiser, M.**  
Components and correlates of mental well-being  
*Journal of Health and Social Behavior, 1974, vol. 15, p. 320-327*

**Population:** 18+ aged, general public, Stirling County, Canada, 1968

**Sample:**

- **Non-Response:** 10%
- **N:** 112

### Measured Correlate

- **Class:** Level of school-education  
  Code: E 1.2.1

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cq/mq/v/3/a</td>
<td>r = ns</td>
<td>Index of Negative Affects: ns</td>
</tr>
</tbody>
</table>
**Study**  
**BELL 1975**  

*Reported in*: Bell, R.  
Significant Roles among a sample of Australian Women  
The Australian and New Zealand Journal of Sociology vol 11, p 2-11  

*Population*: Women, ever married, Melbourne, Australia, 1975  

*Sample*: Non-probability purposive sample (unspecified)  

*Non-Response*: not rep  

*N*: 439  

---  

**Measured Correlate**  

*Class*: Level of school-education  
Code: E 1.2.1  

*Measurement*:  
1. low education (<form 4)  
2. high education (>form 5)  

*Measured Values*:  
1: 57 %  
2: 51 %  

---  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-TH/g/sq/v/3/c</td>
<td>G=+.40</td>
<td>old (&gt;40)</td>
</tr>
<tr>
<td></td>
<td>G=+.30</td>
<td>young (&lt;40)</td>
</tr>
<tr>
<td></td>
<td>G=-.35</td>
<td>% happy most of the time: all: low: 57 high: 75</td>
</tr>
</tbody>
</table>
### Study

**BENNE 1971**

*Reported in:* Bennett, F.A.
Avowed happiness in communities of religious women
Unpublished Phd. dissertation, University of Utah, 1971, USA

*Population:* Nuns, Catholic congregations, USA, 1969

*Sample:* 11.5%

*N:* 963

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Level of school-education</th>
<th>Code: E 1.2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. No college</td>
<td>2. College, but no degree</td>
<td></td>
</tr>
<tr>
<td>3. Bachelor's degree</td>
<td>4. Graduate work but no graduate degree</td>
<td>5. Master's degree</td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/f</td>
<td>r = -.05</td>
<td>ns</td>
</tr>
</tbody>
</table>

*Happiness and education appeared to be related in a U-shaped pattern with the least educated and the best educated being the happiest groups. Since, however these groups also had the oldest average age, it seems likely that happiness is more a function of age than of education.*
## Study

**BOELH 1999**

**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:**  
\[ N = \pm 3500 \text{ each year} \]

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:**  
- Finished school:
  - 1 primary education
  - 2 lower education
  - 3 higher secondary education
  - 4 high education

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HP/u/sq/v/5/a</td>
<td>Beta=.2 1974</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.2 1977</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.2 1980</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.2 1983</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.2 1986</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.2 1989</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.2 1990</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.2 1991</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.1 1992</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.1 1993</td>
<td>Beta's controlled for</td>
</tr>
<tr>
<td></td>
<td></td>
<td>age</td>
</tr>
<tr>
<td></td>
<td></td>
<td>employment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>income (level and source)</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Study

BORTN 1970

Reported in: Bortner, R.W. & Hultsch, D.F.
A multivariate analysis of correlates of life satisfaction in adulthood

Population: 21+ aged, general public, USA 1959

Sample: 9%
N: 1406

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: None to 4 years / 5-7 years / 8 years / high school incomplete /
technical trade or business school / college incomplete / college complete

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
C-RG/h/sq/l/11/a r=+.06
O-BW/c/sq/l/11/a r=+.16
O-SLu/c/sq/l/11/a r=+.03
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study: BRADB 1965/1

Reported in: Bradburn, N.M. & Caplovitz D.
Reports on happiness
Aldine Publishing Company, 1965, Chicago USA

Population: Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962

Sample:
Non-Response: -
N: 2006

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement: 8th grade or less / less than high school graduate / high school graduate / part college / college graduate or more

Measured Values:
Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v/4/e</td>
<td>G=+.31 p&lt;.01</td>
<td>Lower income categories: Stronger positive relationship Unaffected by age Negative in higher income categories: When elaborated for age U-shaped curve: under age 40: slightly positive age 40-59 : no relationship age 60+ : negative</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=+.18 p&lt;.01</td>
<td>Stronger in low income categories</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness
### Findings on Happiness & EDUCATION

**Code: E 1**

**8th grade or lest**
**part high school high school graduate**
**part college**
**college graduate or more**

---

**Study**

**BRADB 1969**

**Reported in:** Bradburn, N.M.
*The structure of psychological well-being*
Aldine Publishing Company, 1969, Chicago, USA

**Population:** 21-60 aged, general public, urban areas, USA, 1963 - 64

**Sample:**

**Non-Response:** ± 20%, Attrition
± 30%

**N:** 2787

---

**Measured Correlate**

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:** 8th grade or lest
part high school high school graduate
part college
college graduate or more

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mq/v/2/a | DMr=+ p<.05 | Data T1. Happiness level in average ridits. (RT)
- 8th grade RT = .39
- part high school RT = .44
- high school RT = .50
- part college RT = .53
- college graduate RT = .57
- Strongest among <35 aged.
- The relation disappears largely when controlled for income. |

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

| O-HL/c/sq/v/3/aa | G=+.15 | |

---

*Print date: 7-2-2003*  
*World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)*
### Study
**BRINK 1986A**

*Reported in:* Brinkerhoff, M & Jacob, J  
Quality of life in an alternative lifestyle. The smallholding movement.  
Social Indicators Research 18, p 153-173  

*Population:* Back to the land' mini-farmers, West USA and Canada, 198?  

*Sample:* Non-probability purposive sample (unspecified)  

*N: 510*  

*Non-Response:* 44 %  

### Measured Correlate

*Class:* Level of school-education  
*Code:* E 1.2.1  

*Measurement:*  
- Educational attainment  
1. some high school  
2. high school  
3. technical school  
4. some university  
5. university  
6. post university  

*Measured Values:* about 60% university trained  
about 25% post university  

*Error Estimates:*  

*Remarks:*  

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H/?/sq/v/4/a</td>
<td>r=+.05</td>
<td>ns</td>
</tr>
</tbody>
</table>
Study  
BUCHA 1953/1  
Reported in: Buchanan, W. & Cantril, H. 
How nations see each other. A study in public opinion. 
Urbans, USA, 1953, University of Illinois Press. 
Population: 21+ aged, general public, Australia, 1948-49 
Sample: 
Non-Response: - 
N: 945 

Measured Correlate  
Class: Level of school-education  Code: E 1.2.1 
Measurement: Stage of education reached: 
1 Primary 
2 Secondary 
3 University 

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
O-SLC/c/sq/v/3/a  r=+.03  ns  1  M'=1.99  M'+5.0  
2  2.03  5.2  
3  2.02  5.1  
G=+.05  ns
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study BUCHA 1953/2

Reported in: Buchanan, W. & Cantril, H.
How nations see each other. A study in public opinion.
Urbans, USA, 1953, University of Illinois Press.

Population: 21+ aged, general public, Great Britain, 1948-49

Sample:
Non-Response: -
N: 1195

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Stage of education reached:
1 Primary
2 Secondary
3 University

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLC/c/sq/v/3/a r=+.07 p<.05 1 M' =1.75 Mt' =3.8
2 1.78 3.9
3 2.00 5.0

G=+.08 p<.05
Study **BUCHA 1953/3**  
*Reported in:* Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.  
*Population:* 21+ aged, general public, France, 1948-49  
*Sample:*  
*Non-Response:* -  
*N:* 1000

**Measured Correlate**  
*Class:* Level of school-education  
*Measurement:* Stage of education reached:  
1 Primary  
2 Secondary  
3 University  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLC/c/sq/v/3/a</td>
<td>r=+.10</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>M =1.30</td>
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<tr>
<td></td>
<td>3</td>
<td>1.42</td>
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<td></td>
<td>1.44</td>
<td>2.2</td>
</tr>
<tr>
<td>G=+.22</td>
<td>p&lt;.01</td>
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</tr>
</tbody>
</table>

Page 41 of 364
#### Study
**BUCHA 1953/4**  
*Reported in:* Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.

*Population:* 21+ aged, general public, West Germany, 1948-49

*Sample:*

*Non-Response:* -

*N:* 3341

#### Measured Correlate

*Class:* Level of school-education  
*Code:* E 1.2.1

*Stage of education reached:*
- 1 Primary
- 2 Secondary
- 3 University

#### Measured Values:

#### Error Estimates:

#### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>O-SLC/c/sq/v/3/a</td>
<td>r=-.02 ns</td>
<td>M' =1.57 M&quot; =2.9</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>1.58 2.9</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>1.48 2.4</td>
</tr>
</tbody>
</table>

G=-.02 ns
Findings on Happiness & EDUCATION

Study  
**BUCHA 1953/5**

*Reported in:* Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.

*Population:* 21+ aged, general public, Italy, 1948-49

*Sample:* -

*N:* 1078

Measured Correlate

*Class:* Level of school-education  
Code: E 1.2.1

*Measurement:* Stage of education reached:
1 Primary
2 Secondary
3 University

Measured Values:

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<td>O-SLC/c/sq/v/3/a</td>
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<td></td>
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<td>M' =1.52</td>
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<td>1.60</td>
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<td></td>
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<td>1.65</td>
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<tr>
<td></td>
<td>3</td>
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</table>

Remarks:

Observed Relation with Happiness

*Error Estimates:*

G=+.14  p<.01
### Study

**BUCHA 1953/6**  
*Reported in:* Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.  
*Population:* 21+ aged, general public, Mexico, 1948 - 49  
*Sample:*  
*Non-Response:* -  
*N:* 1752

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1  
**Measurement:** Stage of education reached:  
1 Primary  
2 Secondary  
3 University

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLC/c/sq/v/3/a</td>
<td>r=+.10</td>
<td>p&lt;.01</td>
</tr>
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<td></td>
<td>1</td>
<td>M'=1.53</td>
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<td>1.65</td>
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<td>3</td>
<td>1.77</td>
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<td></td>
<td>G=+.20</td>
<td>p&lt;.01</td>
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**Study**  
**BUCHA 1953/7**  

*Reported in:* Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.

*Population:* 21+ aged, general public, Netherlands, 1948 - 49

*Sample:*
*Non-Response:* -
*N:* 942

---

**Measured Correlate**

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* Stage of education reached:
1 Primary  
2 Secondary  
3 University

*Measured Values:*
*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
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<th>Statistics</th>
<th>Remarks</th>
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<td>O-SLC/c/sq/v/3/a</td>
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<tr>
<td></td>
<td></td>
<td>1 M'=1.64 Mt'=3.2</td>
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<td></td>
<td>2 1.87 4.4</td>
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<tr>
<td></td>
<td></td>
<td>3 2.14 5.7</td>
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<tr>
<td></td>
<td>G=+.36</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Study | BUCHA 1953/8
---|---
Reported in: | Buchanan, W. & Cantril, H.
How nations see each other. A study in public opinion.
Urbans, USA, 1953, University of Illinois Press.
Population: | 21+ aged, general public, Norway, 1948 - 49
Sample: | -
Non-Response: | -
N: | 1030

Measured Correlate

Class: | Level of school-education Code: E 1.2.1
Measurement: | Stage of education reached:
1 Primary
2 Secondary
3 University

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
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<td>O-SLC/c/sq/v/3/a</td>
<td>r=+.15 p&lt;.01</td>
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<tr>
<td></td>
<td></td>
<td>2 2.21 6.1</td>
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<td></td>
<td>3 2.19 6.0</td>
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<td>G=+.29 p&lt;.01</td>
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</table>

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 46 of 364
Study: **BUCHA 1953/9**  
*Reported in:* Buchanan, W. & Cantril, H.  
How nations see each other. A study in public opinion.  
Urbans, USA, 1953, University of Illinois Press.  

*Population:* 21+ aged, general public, USA, 1948 - 49  

*Sample:*  

*Non-Response:* -  
*N:* 1015  

**Measured Correlate**  
*Class:* Level of school-education  
*Measurement:* Stage of education reached:  
1 Primary  
2 Secondary  
3 University  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-SLC/c/sq/v/3/a</td>
<td>r=+.13</td>
<td>p&lt;.01</td>
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<td></td>
<td>1</td>
<td>M' = 1.78</td>
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<td>2</td>
<td>1.95</td>
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<td></td>
<td>3</td>
<td>1.99</td>
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</table>

G=+.20  p<.01
Findings on Happiness & EDUCATION  

Correlate Code: E 1

Study  

**BULAT 1973**  

*Reported in:* Bulatao, R.A.  
Measures of happiness among Manila residents  

*Population:* 21+ aged, general public, Metro Manila, Philippines, 1972  

*Sample:*  
*Non-Response:* -  
*N:* 941

---

**Measured Correlate**  

*Class:* Level of school-education  
*Code:* E 1.2.1  

*Measurement:*  

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

---

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cw/mq/v/4/b  | G= +       | Index of Positive Affects:  
Males : G = +.22  
Females : G = +.22 |
| O-BW/c/sq/l/11/a | G=+.52     | Unaffected by sex. |
| O-HL/c/sq/v/3/f  | G= ±0      | Males : G = +.17  
Females : G = +.41 |

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 48 of 364
### Study

**BUTTE 1977**

**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, Wisconsin USA, 1974

**Sample:**

**Non-Response:**

**N:** 548

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** Direct question on exact number of years of schooling completed

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-CO/u/mq/v/7/a</td>
<td>$r = -0.07$</td>
<td>ns</td>
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</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

Study: CAMPB 1976

Reported in: Campbell, A., Converse, P.E. & Rodgers, W.L.
The Quality of American life
Russell Sage Foundation, New York, 1976

Population: 18+ aged, general public, non-institutionalized USA, 1971

Sample:
Non-Response: 20%
N: 2164

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
1. Less than high school
2. High school graduate
3. Some or complete college

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/c/sq/n/7/a
Findings on Happiness & EDUCATION

Study: CAMPB 1981

- **Reported in:** Campbell, A.
  The Sense of Well-Being in America
- **Population:** 18+ aged, general public, non-institutionalized USA, 1978
- **Sample:**
- **Non-Response:** about 20%
  **N:** 3692

**Measured Correlate**

- **Class:** Level of school-education  Code: E 1.2.1
- **Measurement:**
  1. No high school
  2. Some high school
  3. High school graduate
  4. Some college
  5. College graduate

**Measured Values**

**Error Estimates**

**Remarks**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
</table>
**Study**  CANTR 1965/1  

 Reported in:  Cantril, H.  
 The pattern of human concerns.  
 New Brunswick, Rutgers University Press, New Jersey, 1965  

 Population:  Adults, general public, 14 countries ±1960  

 Sample:  -  

 Non-Response:  -  

 N:  18,653 (See "Remarks")

---

**Measured Correlate**

 Class:  Level of school-education  Code:  E 1.2.1  

 Measurement:  Level of school education: low / middle / high  

 Measured Values:  

 Error Estimates:  

 Remarks:  

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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<td>O-BW/c/sq/l/11/a</td>
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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 52 of 364
**Study**

**CANTR 1965/2**

*Reported in:* Cantril, H.
The pattern of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

*Population:* 21+ aged, general public, USA, 1959

*Sample:*

*Non-Response:* -

*N:* 1549

---

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Grammar school / high school / college

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=+.23</td>
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</table>
### Study

**CANTR 1965/3**  
*Reported in:* Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press, New Jersey, 1965  
*Population:* 18+ aged, general public, Brazil, 1960-61  
*Sample:*  
*Non-Response:* -  
*N:* 2168

### Measured Correlate

*Class:* Level of school-education  
Code: E 1.2.1  
*Measurement:* Illiterate / low / middle / high

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
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<td>O-BW/c/sq/l/11/a</td>
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</table>
### Study

**CANTR 1965/4**

*Reported in:* Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press

*Population:* 20+ aged, general public, urban areas, Cuba, 1960

*N: 992*

### Measured Correlate

*Class:* Level of school-education  *Code: E 1.2.1*

*Measurement:* Elementary: none / secondary / higher

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & EDUCATION Correlate Code: E 1

No schooling / some primary / some secondary.

CANTR 1965/5

Stud

Year: 1965/5

Level of school-education  Code: E 1.2.1

21+ aged, general public, Dominican Republic, 1962

Probability sample (unspecified)

Non-Response: 814

N: 814

The pattern of human concerns

Cantril, H.


Population:

Reported in:

Sample:

Remarks:

Probability sample (unspecified)

Population:

Class:

Level of school-education  Code: E 1.2.1

Measurement:

No schooling / some primary / some secondary.

Measured Correlate

Measured Values:

Error Estimates:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-BW/c/sq/l/11/a  G=+.69  p<.01
### Study

**CANTR 1965/7**

- **Reported in:** Cantril, H.  
  The pattern of human concerns.  
- **Population:** Adults, general public, India, 1962
- **Sample:**
- **Non-Response:** -
- **N:** 2366

### Measured Correlate

- **Class:** Level of school-education  
  Code: E 1.2.1
- **Measurement:** Illiterate / under matriculate / matriculate / higher

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</table>
### Study

**CANTR 1965/8**  
*Reported in:* Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press, New Jersey, 1965

**Population:** Adults, general public, Israel, 1961-62

**Sample:**

**Non-Response:** -

**N:** 1170

### Measured Correlate

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:**  
Elementary incomplete / secondary or elementary complete / university

### Observed Relation with Happiness

**Happiness Query**  
Statistics  
Remarks

<table>
<thead>
<tr>
<th>Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<td>O-BW/c/sq/l/11/a</td>
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# Study

**CANTR 1965/9**

**Reported in:** Cantril, H.
The pattern of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

**Population:** 21+ aged, general public, Japan, 1962

**Sample:** -

**Non-Response:** -

**N:** 972

## Measured Correlate

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:** 0 - 9 years schooling / high school incomplete / high

## Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>DMt=+</td>
<td>High education : Mt = 5.7</td>
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<tr>
<td></td>
<td></td>
<td>High school incomplete : Mt = 5.4</td>
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<tr>
<td></td>
<td></td>
<td>&lt; 9 years school : Mt = 5.0</td>
</tr>
<tr>
<td>Study</td>
<td>CANTR 1971</td>
<td></td>
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<tr>
<td>-------</td>
<td>------------</td>
<td></td>
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<tr>
<td>Reported in:</td>
<td>Cantril, A.H. &amp; Roll, C.W. Jr</td>
<td></td>
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<tr>
<td></td>
<td>Hopes and fears of the American people.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>21+ aged, general public, non-institutionalized, USA, 1964-71</td>
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<tr>
<td>Sample:</td>
<td></td>
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<tr>
<td>Non-Response:</td>
<td></td>
<td></td>
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<tr>
<td>N:</td>
<td>1588</td>
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</table>

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1  
**Measurement:** Grade school / high school / college

### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
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<tr>
<td>O-BW/c/sq/l11/a</td>
<td>DMT=+</td>
<td></td>
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</tbody>
</table>

| Grade school | Ms = 6.7 (1964) | 6.3 (1971) |
| High school  | Ms = 6.8 (1964) | 6.5 (1971) |
| College      | Ms = 7.3 (1964) | 7.0 (1971) |
Findings on Happiness & EDUCATION  
Correlate Code: E 1

### Study

**CANTR1965/10**

**Reported in:** Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press, New Jersey, 1965

**Population:** 21+ aged, general public, Nigeria, 1962-63

**Sample:**

**Non-Response:** -

**N:** 1200

---

### Measured Correlate

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:** Illiterate / no school but literate / some primary / some secondary or university

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=.23</td>
<td>p&lt;.01</td>
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</tbody>
</table>

*Ss with no school education, but literate are most happy, followed by resp. Ss with some secondary, the illiterates and Ss with some primary school education.*
Findings on Happiness & EDUCATION

**Study**

**CANTR1965/11**

*Reported in:* Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press, New Jersey, 1965

*Population:* 21+ aged, general public, Panama, 1962

*Sample:*

*Non-Response:* -

*N:* 642

**Measured Correlate**

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* No schooling / some primary / some secondary

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=+.72</td>
<td>p&lt;.01</td>
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</table>

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 62 of 364
### Study

**CANTR1965/12**  
*Reported in:* Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press, New Jersey, 1965  
*Population:* 21+ aged, general public, Philippines, 1959  
*Sample:*  
*Non-Response:* -  
*N:* 500  

### Measured Correlate

*Class:* Level of school-education  
*Code:* E 1.2.1  
*Measurement:* Elementary incomplete / elementary complete / high school incomplete / high school complete / college incomplete / college complete.  

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=+.23</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study CANTR1965/13

Reported in: Cantril, H.
The pattern of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

Population: 18+ aged, general public, Poland, 1962

Sample: -
Non-Response: -
N: 1464

Measured Correlate

Class: Level of school-education  Code: E 1.2.1
Measurement: Some primary / some secondary / some higher

Measured Values:

Observed Relation with Happiness

Happiness Query    Statistics    Remarks
O-BW/c/sq/l/11/a    DMt= +        Higher: Mt = 5.1
                     Secondary: Mt = 4.7
                     Primary: Mt = 4.1
### Study

**CANTR1965/14**  
**Reported in:** Cantril, H.  
The pattern of human concerns.  
New Brunswick, Rutgers University Press, New Jersey, 1965  
**Population:** Adults, general public, West-Germany, 1957  
**Sample:**  
**Non-Response:** -  
**N:** 480

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1  
**Measurement:** Low / middle / high

### Measured Values

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l11/a</td>
<td>G=+.07</td>
<td>ns</td>
</tr>
</tbody>
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**Page in Report:** 378

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 65 of 364
### Study

**Reported in:**
Cantril, H.
The patterns of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

**Population:**
21+ aged, general public, Yugoslavia, 1962

**Sample:**
Non-Response: -

**N:** 1523

### Measured Correlate

**Class:**
Level of school-education  Code: E 1.2.1

**Measurement:**
No schooling / some primary / some high school or primary complete / high school or higher

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>G=+.48</td>
<td>p&lt;. 01</td>
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</tbody>
</table>
Findings on Happiness & EDUCATION  Correlate Code: E 1

Study  CBS 1984  Page in Report: 49

Reported in: Centraal Bureau voor de Statistiek
The life situation of Dutch youth aged 13-24, 1979 Part 4; Analysis of adolescents in
Staatsuitgeverij 1984, the Hague Netherlands, vol.43, pp.8-51

Population: Adolescents, The Netherlands, 1979
Sample:
Non-Response: 35%, of which:
refusals 62%, no contact 27%, unable 8%
N: 3113

Measured Correlate

Class: Level of school-education  Code: E 1.2.1
Measurement: Low (1), middle (2), high (3)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLL/c/sq/v/5/a  Beta=.03 ns  β controlled for broken home, age, daytime school
and head of household employed.
Findings on Happiness & EDUCATION Correlate Code: E 1

Study: CHERL 1975

Reported in: Cherlin, A. & Reeder, L.G.
The dimensions of psychological well-being. A critical review.
Sociological Methods & Research, 1975, vol.4, p. 189-214

Population: Adults, general public, Los Angeles County, USA, 1972-73

Sample:

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement: Years of schooling completed.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a r=+.22 p<.001 1972: Index of Positive Affects: r = .26 (001)
Index of Negative Affects: r = -.07 (05)

r=+.20 p<.001 1973: Index of Positive Affects: r = .28 (001)
Index of Negative Affects: r = -.01 (ns)
### Study

**CLEME 1980/1**

*Reported in:* Clement, F.

Variation of several characteristics of personality in function, especially, age, sexe, Psychologie Francaise (1980), vol. 25, p. 95 - 113.

*Population:* 29-88 aged women, upper middle class, France, 1975

*Sample:

*Non-Response:*

\[ N: \text{1145} \]

### Measured Correlate

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:*
- 0: no or a little bit education
- 1: education nearly normal, no certificate
- 2: certificate primary education
- 3: secondary education
- 4: final examination grammar-school or secondary school
- 5: littlego (comparable to baccalaureat) and more

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tr>
<td>M-FH/u/sq/ol/9/a</td>
<td>r=+.10</td>
<td>ns</td>
</tr>
<tr>
<td>O-HL/u/sq/ol/9/a</td>
<td>r=+.09</td>
<td>ns</td>
</tr>
<tr>
<td>O-SP/u/sq/ol/9/a</td>
<td>r=+.08</td>
<td>ns</td>
</tr>
</tbody>
</table>
Study: COHEN 1982

Reported in: Cohen, P.; Struening, E.L.; Muhlin, G.L.; Genevie, L.E; et al
Community stressors, mediating conditions and wellbeing in urban neighborhoods.

Population: 18-55 aged, general public, New York City, 1979

Sample:
Non-Response: N: 602

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
1: < 8th grade
2: some high school
3: high school graduate
4: some college
5: college graduate
6: graduate school

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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

1: \( M_T' = 5.4 \)
2: \( M_T' = 5.7 \)
3: \( M_T' = 6.0 \)
4: \( M_T' = 6.2 \)
5: \( M_T' = 6.9 \)
6: \( M_T' = 6.6 \)
**Study**  
**COMMI 1975/1**  
*Reported in:* Commission of the European Communities  
European men and women. A comparison of their attitudes to some of the  
Commission European Communities, 1975, Brussels Belgium

**Population:** 15+ aged, general public, EU, 1975

**Sample:**

**Non-Response:** -

**N:** 9605 (or 9543; see "Remarks")

---

### Measured Correlate

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:** Low / average / high

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=.20</td>
<td>p&lt;.01</td>
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<tr>
<td>O-SLL/u/sq/v/4/b</td>
<td>G=.14</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>Study</td>
<td>CRNIC 1984</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Reported in:</td>
<td>K.A. Crnic, M.T. Greenberg, N.M. Robinson, A.S. Ragozin</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Mother-child pairs, followed 18 months after birth, USA, 1981-82</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>Attrition at T2: 10%, at T3: 14%</td>
<td></td>
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<tr>
<td>N:</td>
<td>105</td>
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### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Level of school-education Code: E 1.2.1</th>
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<tbody>
<tr>
<td>Measurement:</td>
<td>Number of years of completed education.</td>
</tr>
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</table>

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-QLS/c/sq/v/5/a</td>
<td>r=+.25</td>
<td>ns</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

### Study

**DAVIS 1984**  
**Reported in:** James A. Davis  
New money, an old man/lady and "two's company": subjective welfare in the NORC Social Indicators Research, vol. 15, pp. 319-350

**Population:** 18+ aged, general public, English speaking, non-institutionalized, USA, 1972-82

**Sample:**

**Non-Response:**

**N:** 13581

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:** Single direct question: years completed  
0 0-11  
1 12  
2 13-15  
3 16+

### Observed Relation with Happiness

**Happiness Query**  
**Statistics**  
**Remarks**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/g/sq/v/3/d | G=+.29 p<.05 | % very happy  
| tau=+.17 p<.05 |            | 0 32  
|                 |            | 1 35  
|                 |            | 2 35  
|                 |            | 3 38  

The relationship disappears after control for occupational prestige, SES, and family income.
Findings on Happiness & EDUCATION  Correlate Code: E 1


Reported in: Fernandez, R.M. and Kulik, J.C.
A multilevel model of life satisfaction: Effects of individual characteristics and

Population: 18+ aged, general public, non-institutionalized, USA, 1973-74

Sample:

Non-Response: ?

N: 5916

Measured Correlate

Class: Level of school-education  Code: E 1.2.1
Measurement: Highest grade of school completed.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/v/5/c</td>
<td>r=-.01</td>
<td>Disattenuated r = -.02</td>
</tr>
<tr>
<td>Beta=-.0 p&lt;.05</td>
<td></td>
<td>$\beta$ controlled for personal characteristics: family-size, sex, race, health-status, married, divorced/separated, family-income.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Disattenuated $\beta$ = -.09</td>
</tr>
</tbody>
</table>

| O-SLW/u/sq/v/5/c | Beta=-.0 p<.05 | $\beta$ controlled for personal characteristics (above) and neighborhood characteristics (urbanity, costs of living, % whites, income-inequality, difference own age with average, difference own income with average) |
|                 |                | Disattenuated $\beta$ = -.06 |
Findings on Happiness & EDUCATION  Correlate Code: E 1

**Study**

**FESSE 1985**

*Reported in:* Fessel
Soziologische und Psychologische Ursachen des Wertwandel-Phanomens
Research report, Institut fur empirische Sozialforchung  IFES, 85/45.412, Vienna, Austria

*Population:* 14+ aged, general public, Austria, 1985

*Sample:
Non-Response:* ?

*N: 1027

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:
1. O ABG
2. M AGB
3. Matura
4. Academics

*Measured Values:
*Error Estimates:

*Remarks:

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/d</td>
<td>G=+.12 p&lt;.01</td>
<td>% often happy</td>
</tr>
<tr>
<td></td>
<td>tc=+.06 p&lt;.01</td>
<td>1. 42</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. 52</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. 44</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. 58</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study

FORTI 1983

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: Level of school-education Code: E 1.2.1

Measurement: Single closed question on highest degree held, rated on a 7-point scale, ranging from (1) less than high school to (7) Doctorate, (8) other. (order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/u/sq/t/7/a r=

T1: 1977 r = +.03 (ns)
T2: 1979 r = -.07 (ns)
T3: 1981 r = -.12 (ns)

Both variables assessed at T1, T2, and T3. Correlation concerns same time measures.
Findings on Happiness & EDUCATION  
Correlate Code: E 1

**Study**  
**FOWLE 1969**  
*Reported in:* Fowler, F.J.; McCalla, M.E.  
Correlates of morale among aged in greater Boston.  
*Population:* 65+ aged, Metropolitan Boston, USA, 1965  
*Sample:*  
*Non-Response:*  
*N:* 1335

**Measured Correlate**  
*Class:* Level of school-education  
*Code:* E 1.2.1  
*Measurement:*  
*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

**Observed Relation with Happiness**  
<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
### Study

**GEHMA 1986**

*Reported in:* Gehmacher, E.

Glück als Mathematische Gleichung. (Happiness as an mathematical equation.)

*Population:* Adult, general public, Austria, 1985

*Sample:* ?

*N:* 1814

### Measured Correlate

*Class:* Level of school-education  

*Measurement:* 1. Matura level  
0. lower level

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>O-SLW/c/sq/n/6/a</td>
<td>$r =+.01$</td>
<td></td>
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</tbody>
</table>
Study | GEHMA 1987 | Page in Report: 151
--- | --- | ---
Reported in: | Gehmacher, E. |  
Gebraute 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

<table>
<thead>
<tr>
<th>Class:</th>
<th>Level of school-education</th>
<th>Code: E 1.2.1</th>
</tr>
</thead>
</table>
| Measurement: | 1. Matura level  
2. lower level |  |

Measured Values:

Error Estimates:

Remarks: β controled for age, sex, postmaterialism, physical health, mental health, occupational status and satisfactions (with housing, leisure, social contacts and activities).

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| M-FH/cm/sq/v/5/a | r=+.19  
Beta=+.1 p<.01 | β controled for age, sex, postmaterialism, physical health, mental health, occupational status and satisfactions (with housing, leisure, social contacts and activities). |
| O-SLL/c/sq/v/5/b | r=+.12  
Beta=+.0 ns |  |
Findings on Happiness & EDUCATION

**Study**

**GEHMA 1989B**

- **Reported in:** Gehmacher, E.
  Ungleichheit in Wien (Inequality in Vienna)
- **Population:** Adult, general public, Austria, 1989
- **Sample:**
- **Non-Response:** ?
- **N:** ?

**Measured Correlate**

- **Class:** Level of school-education  **Code:** E 1.2.1

- **Measurement:**
  1. Basic school only
  2. Vocational education
  3. Higher education

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-QL?/c/mq/v/5/a</td>
<td>DMs=+</td>
<td>Difference from nation-average (100 = 1SD) by age &lt;30 30-60 60&gt; all</td>
</tr>
<tr>
<td>1</td>
<td>+46</td>
<td>-26</td>
</tr>
<tr>
<td>2</td>
<td>+46</td>
<td>-09</td>
</tr>
<tr>
<td>3</td>
<td>+46</td>
<td>+35</td>
</tr>
</tbody>
</table>
Study: GEHMA 1990A

Reported in: Gehmacher, E.
Stressbewältigung und Selbstbestimtheit. (Stress management and sense of
Start uns Aufstieg, 1990 vol 3 page 13-14
(Data also reported in IFES paper E76, Vienna, Austria 1988)

Population: Railway employees, Austria, 1988

Sample:
Non-Response: ?
N: 68

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:

Measured Values:

Error Estimates:

Remarks: Highest schoeducation completed
1. basic school (Plichtschule)
2. Lehre
3. Meisterprüfung
4. vocational school (Fachschule)
5. Matura
6. Studium

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

O-HL/c/sq/v/5/d  $r = +.07$

1. $M' = 2.25$
2. $M' = 2.50$
3. $M' = 2.50$
4. $M' = 2.38$
5. $M' = 2.45$
6. $M' = 2.67$

Highest schoeducation completed
1. basic school (Plichtschule)
2. Lehre
3. Meisterprüfung
4. vocational school (Fachschule)
5. Matura
6. Studium
Findings on Happiness & EDUCATION

Study: GEHMA 1992A1

Reported in: Gehmacher, E.
Coping, happiness and ideology.
Paper presented at the international sociological conference ‘Toward the good society’, Rotterdam, July 1992

Population: 16+ aged, general public, Austria, 1989

Sample:
Non-Response: ?

N: 2000

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
1. basic education
2. apprenticeship
3. professional school
4. secondary school (Matura)
5. university

Measured Values:

Error Estimates:

Remarks: β's controled for age, community size and cultural participation (attendance and amateur activity)
% happy (very or quite)

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>M-FH/c/sq/v/5/a</td>
<td>D%+=</td>
<td>1. 44</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. 61</td>
</tr>
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<td></td>
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<td>3. 64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. 70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. 75</td>
</tr>
<tr>
<td></td>
<td>all 58</td>
<td>β's controled for age, community size and cultural participation (attendance and amateur activity) % happy (very or quite)</td>
</tr>
<tr>
<td></td>
<td>Beta=+.1 p&lt;.01</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/d</td>
<td>D%±</td>
<td>1. 56</td>
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<tr>
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<td>2. 63</td>
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<td>3. 68</td>
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<td>4. 74</td>
</tr>
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<td></td>
<td>5. 67</td>
</tr>
<tr>
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<td>all 63</td>
<td></td>
</tr>
<tr>
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<td>Beta=+.0 p&lt;.01</td>
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<td>O-QL?/c/mq/v/5/a</td>
<td>Beta=+.1 p&lt;.01</td>
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<tr>
<td>O-SLW/u/sq/v/5/d</td>
<td>D%+=</td>
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<tr>
<td></td>
<td>1.</td>
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<tr>
<td></td>
<td>4.</td>
<td>81</td>
</tr>
<tr>
<td></td>
<td>5.</td>
<td>82</td>
</tr>
<tr>
<td></td>
<td>all</td>
<td>68</td>
</tr>
</tbody>
</table>

Beta = .09 p < .01
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study

GEHMA 1992A2

Reported in: Gehmacher, E.
Coping, Happiness and Ideology. Some suggestions for the application of happiness
research. 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: Level of school-education Code: E 1.2.1

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/v/5/d</td>
<td>Beta=-.0</td>
<td>β controled for sex, age, work status and home ownership.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION  
Correlate Code: E 1

**Study**  
GEORG 1978  
*Reported in:* George, L.K.  
The impact of personality and social status factors upon the levels of activity and psychological well-being  
*Journal of Gerontology,* vol 33, 1978, 840-847

*Population:* 50+ aged, whites, Durham, North Carolina, USA, 197?

*Sample:*

*Non-Response:*

*N:* 380

**Measured Correlate**  
*Class:* Level of school-education  
*Code:* E 1.2.1  
*Measurement:* Years of formal education

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>Beta=.1 p&lt;.01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=.10 p &lt; .01 after control for the sociodemographic variables: sex/age/occupational prestige/health impairment/marital status/employment status.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=+.06 p &lt; .05 after further control for the Cattell personality variables.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=+.0 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta controled for the Cattel personality variables.</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

**Study**

**GLENN 1979**

**Reported in:** Glenn, N.D., Weaver, C.N.
A note on family situation and global happiness
Social Forces, Vol. 57, 1979, p. 960-967

**Population:** 18-59 aged whites, non-institutionalized,
USA, 1972-75

**Sample:**

**Non-Response:**

<table>
<thead>
<tr>
<th>N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>4049</td>
</tr>
<tr>
<td>(72:1023/73:100</td>
</tr>
<tr>
<td>2/74:1005/75:10</td>
</tr>
<tr>
<td>19)</td>
</tr>
</tbody>
</table>

**Measured Correlate**

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** 0-8 / 9-11 / 13-15 / >15 years

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

**Happiness Query**

O-HL/c/sq/v/3/aa

**Statistics**

Beta=-

**Remarks**

B controlled for: marital status, presence of children in home, age of children, own age, family income, occupational prestige (males only), frequency of attendance of religious services, employment outside home (females only):

<table>
<thead>
<tr>
<th>1972</th>
<th>1973</th>
<th>1974</th>
<th>1975</th>
<th>All years</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-8 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>males</td>
<td>.07</td>
<td>+.02</td>
<td>-.04</td>
<td>+.05</td>
</tr>
<tr>
<td>females</td>
<td>.08</td>
<td>-.03</td>
<td>+.05</td>
<td>-.03</td>
</tr>
<tr>
<td>9-11 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>males</td>
<td>.03</td>
<td>-.04</td>
<td>-.03</td>
<td>-.00</td>
</tr>
<tr>
<td>females</td>
<td>.08</td>
<td>+.00</td>
<td>+.03</td>
<td>-.09</td>
</tr>
<tr>
<td>13-15 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>males</td>
<td>.07</td>
<td>-.03</td>
<td>+.01</td>
<td>+.08</td>
</tr>
<tr>
<td>females</td>
<td>.01</td>
<td>+.02</td>
<td>+.05</td>
<td>-.07</td>
</tr>
<tr>
<td>&gt;15 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>males</td>
<td>.10</td>
<td>.03</td>
<td>+.07</td>
<td>+.05</td>
</tr>
<tr>
<td>females</td>
<td>.10</td>
<td>.03</td>
<td>+.07</td>
<td>+.05</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Study  
**GLENN 1981A**

*Reported in:* Glenn, N.D.; McLanahan, S.
The Effects of Offspring on Psychological Well-being of Older Adults

*Population:* 50+ aged, with no children under age 18 at home, USA, 1973-78

*Sample:
Non-Response:*

**N:** 2465

Measured Correlate

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* Years of school completed

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | Beta=      | Males $\beta = -.00$ (ns)  
Females $\beta = +.08$ (01)  
$\beta$ controlled for age, family income, church attendance and employment status. |

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 87 of 364
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study: GLENN 1981B

Reported in: Glenn, N.D. & Weaver, C.N.
Education's effects on psychological well-being

Population: 25-54 aged, general public, non-institutionalized, USA, 1973-78

Sample:

Non-Response: N: 3350

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement: Years of school completed (number).

0. Less than 9 years of school.
1. 12 years or more.

Having 4 or more years of college relative to having 12 years of school.
0. 12 years of school.
1. 4 or more years college.

Measured Values:

Error Estimates:

Remarks: β1 β2 β3

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/aa r=+.04 ns white men: +.03 (ns) -.02 (ns) -.01 (ns)
r=+.06 p<.05 white women: +.03 (ns) +.01 (hs) β1 β2 β3
r=+.03 ns black men: +.02 (ns) -.00 (ns) +.01 (ns)
r=+.06 ns black women: +.03 (ns) +.07 (ns) +.06 (ns)

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 88 of 364
<table>
<thead>
<tr>
<th></th>
<th>Beta=</th>
<th>Beta=</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>white men:  +.02 (ns)</td>
<td>white men:  +.02 (ns)</td>
</tr>
<tr>
<td></td>
<td>white women: +.09 (01)</td>
<td>white women: +.05 (ns)</td>
</tr>
<tr>
<td></td>
<td>black men:  +.02 (ns)</td>
<td>black men:  +.08 (ns)</td>
</tr>
<tr>
<td></td>
<td>black women: -.05 (ns)</td>
<td>black women: +.18 (ns)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>ns</th>
<th>ns</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>white men:  +.04 (ns)</td>
<td>white men:  +.04 (ns)</td>
</tr>
<tr>
<td></td>
<td>white women: +.03 (ns)</td>
<td>white women: +.00 (ns)</td>
</tr>
<tr>
<td></td>
<td>black men:  +.03 (ns)</td>
<td>black men:  +.15 (ns)</td>
</tr>
<tr>
<td></td>
<td>black women: +.04 (ns)</td>
<td>black women: +.16 (ns)</td>
</tr>
</tbody>
</table>

ß1: Controlled for father's years of school and occupational prestige, number of siblings, size of community of origin, and age.
ß2: Controlled for (1) plus family income, occupational prestige for men, and work status for women.
ß3: Controlled for (2) plus marital status, frequency of attendance at religious services, and presence-absence of children in each of three age ranges (0-5, 6-12, 13-17).
Findings on Happiness & EDUCATION Correlate Code: E 1

Study: GOUDY 1981


Population: 50+ aged, general public, North-Central Iowa, USA, 1975

Sample: Non-Response: 11.3% N: 2321

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Never attended school (1); advanced degree after completed college (8)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-SLW/c/sq/v/5/d $r = -.01$ ns

$\beta = -.0$ ns 

Beta controlled for age, income, marital status, relatives in community, friends in community, local people known, organizational memberships, community attachment, quality of life
Findings on Happiness & EDUCATION Correlate Code: E 1

Study  
**GURIN 1960**

*Reported in:* Gurin, G., Veroff, J. & Feld, S.
Americans view their mental health. A nation wide interview survey.
Basic Books Inc. 1960, New York, USA

*Population:* 21+ aged, general public, non-institutionalized, USA, 1957

*Sample:*

*Non-Response:* 13%; 5% not at home, 8% refusals

*N:* 2460

---

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Grade school / high school / college

*Measured Values:*

*Remarks:*

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=+.32, p&lt;.01</td>
<td>Unaffected by age, sex and income.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

**Study**

**HALMA 1987***


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

*Sample:* 

*Non-Response:* 

*N:* 12464

---

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Level of school-education</th>
<th>Code: E 1.2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td>Direct question: &quot;What was/is/will be your age when you finished school?&quot;</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>&lt;13</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>13-15</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>16-18</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>19-20</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>&gt;20</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>r=.08 p&lt;.01</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>r=.01 ns</td>
<td>Great Britain</td>
</tr>
<tr>
<td></td>
<td>r=.06 p&lt;.05</td>
<td>West Germany</td>
</tr>
<tr>
<td></td>
<td>r=.08 p&lt;.01</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>r=.02</td>
<td>Netherlands</td>
</tr>
<tr>
<td></td>
<td>r=.05 p&lt;.05</td>
<td>Denmark</td>
</tr>
<tr>
<td></td>
<td>r=.08 p&lt;.01</td>
<td>Belgium</td>
</tr>
<tr>
<td></td>
<td>r=.07 p&lt;.01</td>
<td>Spain</td>
</tr>
<tr>
<td></td>
<td>r=.12 p&lt;.01</td>
<td>Ireland</td>
</tr>
<tr>
<td></td>
<td>r=.16 p&lt;.01</td>
<td>Northern Ireland</td>
</tr>
<tr>
<td></td>
<td>r=.08</td>
<td>EC</td>
</tr>
</tbody>
</table>
Findings on Happiness & Education

Correlate Code: E 1

EC (stratified sample)

<13  Mt' = 6.11
13-15 Mt' = 7.11
16-18 Mt' = 7.00
19-20 Mt' = 6.89
>20  Mt' = 7.11

In none of the European countries, β 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, misanthropy, hopeless about life and sense of control.

β =

France
O-SLW/c/sq/n/10/aa r=.03 ns

Great Britain
r=-.08 p<.01

West Germany
r=+.04 ns

Italy
r=+.02 ns

Netherlands
r=-.04

Denmark
r=+.00 ns

Belgium
r=+.08 p<.01

Spain
r=+.06 p<.01

Ireland
r=+.08 p<.01

Northern Ireland
r=+.15 p<.01

EC

DMt=±

EC (stratified sample)

<13  Mt' = 6.11
13-15 Mt' = 6.89
16-18 Mt' = 6.89
19-20 Mt' = 6.78
>20  Mt' = 6.89

In none of the European countries, β 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, misanthropy, hopeless about life and sense of control.
Findings on Happiness & EDUCATION  Correlate Code: E 1

Study  HALMA 1987**  Page in Report:  376

Reported in:  Halman, L., Heunks, F., de Moor, R. and Zanders, H.

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

Sample:
Non-Response:
N:  12464

Measured Correlate

Class:  Level of school-education  Code: E 1.2.1

Measurement:  Direct question: "What was/is/will be your age when you finished/finish school?"
1 <13
2 13-15
3 16-18
4 19-20
5 >20

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cm/mg/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
Findings on Happiness & EDUCATION

Correlate Code: E 1

**Beta** = +.1

EC

β's controlled for: marital status, work, income, age, type of dwelling, having children and social participation.
Study: HARDI 1985

Reported in: Harding, Stephen
Values and the nature of psychological well-being
Abrams, M. & Gerard, D. & Timms, N. eds., Values and social change in Britain,

Population: 18+ aged, general public, Britain, 1983

Sample:
Non-Response: ?
N: 1231

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement: terminal education age:
< 15
15
16
17
18
19 +

Measured Values:

Error Estimates:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-BB/cm/mq/v/2/a | DM=+ | M = 1.1 Mt' = 6.1
15 | 1.3 | 6.3
16 | 1.4 | 6.4
17 - 18 | 1.8 | 6.8
19 + | 1.9 | 6.9

O-HL/u/sq/v/4/a | G=-.02 ns | 35% very happy
15 | 40%
16 | 40%
17 - 18 | 40%
19 + | 36%

tc=-.01 ns

O-SLW/c/sq/n/10/aa | DM=- | M = 8.0 Mt' = 7.8
15 | 7.6 | 7.3
16 | 7.6 | 7.3
17 - 18 | 7.6 | 7.3
19 + | 7.4 | 7.1
Findings on Happiness & EDUCATION

**Study**  
**HENLE 1967**

*Reported in:* Henley, B. & Davis, M.S.  
Satisfaction and dissatisfaction: A study of the chronically-ill aged patient.  

*Population:* 60+ aged chronically-ill, followed three years, USA, 1959-62

*Sample:*  
Non-Response: 24% not available because of death, mental deterioration, unknown address or r

*N:* 167 (dropout at T2 46%)

---

**Measured Correlate**

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* None / 1-4 years / 5 - high school / most high school

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLL/g/sq/v/4/a</td>
<td>G=+.19</td>
<td>ns</td>
</tr>
</tbody>
</table>
### Study

**HERZO 1982/1**

**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, The University of Michigan, 1982

**Population:** 25-97 aged, general public, non-institutionalized, USA, 1971-78

**Sample:**

**Non-Response:**

<table>
<thead>
<tr>
<th>N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 to 2000</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** Number of years completed

<table>
<thead>
<tr>
<th>0. None</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 17 or more</td>
</tr>
</tbody>
</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

**DATASETS:**

1: 1972, N=1955, SI study, see ANDRE 1976
3: 1973-1975, N=3222, Pooled Omnibus Surveys
4: 1976, N=707, Omnibus Survey
5: 1974-1975, N=1077, S.I. study, Detroit Area
6: 1971, N=1822, QOL Survey, See CAMPB 1975

### Observed Relation with Happiness

**Happiness Query**

**Statistics**

**Remarks**

<table>
<thead>
<tr>
<th>Beta</th>
<th>p</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v7/a</td>
<td>+.0</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>-.0</td>
<td>ns</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & EDUCATION Correlate Code: E 1

**Beta=+.0 ns**

**DATASET 5:** 8 identical across age (25-44/45-64/65-97). 8 controlled for gender, race, family income, employment status and marital status.

**Beta=+.0 ns**

**DATASET 6:** 8 identical across age (25-44/45-64/65-97). 8 controlled for gender, race, family income, employment status, marital status and health.

**Beta=+.0 ns**

**DATASET 7:** 8 identical across age (25-44/45-64/65-97). 8 controlled for gender, race, family income, employment status, marital status and health.

**O-SLW/c/sq/n/7/a**

**Beta=+.0 ns**

**DATASET 6:** 8 identical across age. 8 controlled for gender, race, family income, employment status, marital status and health.

**Beta=+.0 ns**

**DATASET 7:** respondents with more years education unhappier among 45-64 aged (p<.05). No difference among 25-44/65-97 aged. 8 controlled for gender, race, family income, marital status, employment status and health.

**Beta=+.0 ns**

**DATASET 5:** 8 identical across age. 8 controlled for gender, race, family income, employment status and marital status.
### Findings on Happiness & EDUCATION

Correlate Code: E 1

#### Study

**HOLLA 1985**

*Reported in:* Holland-Benin, M. & Cable-Nienstedt, B.  
Happiness in single- and dual-earner families: the effect of marital happiness, job satisfaction, and life cycle.  

*Population:* Married persons, non-institutionalized, USA, 1978-83

*Sample:*

*Non-Response:*

*N:* 3050

### Measured Correlate

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:*

0 12 years or less
1 more than 12 years

### Measured Values:

### Error Estimates:

### Observed Relation with Happiness

**Happiness Query**

**Statistics**

**Remarks**

O-HL/u/sq/v/3/h  
OR= ns

Controlled for marital satisfaction, job satisfaction and stage in the lifecycle.

Identical in all four subgroups: housewives, working wives, husbands of housewives and husbands of working wives.

Equally weakly linked to 'happy' responses as to 'unhappy' ones.

---

*Print date: 7-2-2003*  
*World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)*  
*Page 100 of 364*
Study JACOB 1997

Reported in: Jacob, J. & Brinkerhoff, M.
Values, performance and subjective well-being in the sustainability movement; an
Social Indicators Research: , 1997, vol 42, pag 171-204

Population: 'Back to the land' mini farmers, USA, 1989
Sample: Non-probability purposive sample (unspecified)
Non-Response: 58.2%
N: 565

Measured Correlate

Class: Level of school-education  Code: E 1.2.1
Measurement:
1. some high school or less
2. high school
3. technical school
4. some university
5. university
6. some post-graduate
7. graduate degree


Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-H/?/sq/v/4/a  r=-  ns  Ss, who value technical self reliance high, irrespectible of their performance (N=±280)
- high Country Asceticism  r=-.05  ns
- high Homestead Production  r=-.01  ns
- high Ecological Sensitivity  r=-.01  ns

Ss, who value Homestead Food Production high, irrespectible their performance, (N=±280)
- high Country Asceticism  r=-.05  ns
- high Homestead Production  r=-.03  ns
- high Ecological Sensitivity  r=+.00  ns
### Study

**JOL 1985**

*Reported in:* Jol, C.

*Liever samen dan alleen? Veranderingen in levensomstandigheden en welbevinden van alleenstaanden, 1974-83.*


*Population:* 18+ aged, general public, The Netherlands, 1974-83

*Sample:*

*Non-Response:* 1974: 28%, 1983: 43%


### Measured Correlate

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:*

0 = Just primary school
1 = More than just primary school

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLL/c/sq/v/5/a</td>
<td>Beta=+.0 p&lt;.05</td>
<td>1983 only, β controlled for sex and age.</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION  

**Study**  
JONG 1969  

*Reported in:* Jong-Gierveld, J. de  
The unmarried. (In Dutch: De ongehuwden).  

*Population:* 30-55 aged, general public, Amsterdam, The Netherlands, 1965  

*Sample:*  
Non-Response: 31%;  
N: 600  

---  

**Measured Correlate**  
Class: Level of school-education  
Code: E 1.2.1  
Measurement: Direct question.  

**Measured Values:**  

**Error Estimates:**  

**Remarks:**  

---  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>O-SL/?/?/sq/v/5/a</td>
<td>r=-.12</td>
<td>p&lt;</td>
</tr>
<tr>
<td>Study</td>
<td><strong>KALMU 1992</strong></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>----------------</td>
<td></td>
</tr>
<tr>
<td>Reportedin:</td>
<td>Kalmuss, D., Namerow, P.B.G., Bauer, U.</td>
<td></td>
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<tr>
<td>Short term consequences of parenting versus adoption among young unmarried teenage mothers, USA, 1989-1990</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td>Non-probability purposive sample (unspecified)</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>&gt;10%</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>527</td>
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**Measured Correlate**

<table>
<thead>
<tr>
<th>Class</th>
<th>Level of school-education</th>
<th>Code: E 1.2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement</td>
<td>high school graduated</td>
<td>O: not graduated</td>
</tr>
<tr>
<td></td>
<td>1: graduated</td>
<td></td>
</tr>
<tr>
<td>Measured Values</td>
<td>30% graduated at pre-birth interview</td>
<td></td>
</tr>
<tr>
<td>Error Estimates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>Placers had educational aspirations about one year greater than parenters</td>
<td></td>
</tr>
</tbody>
</table>

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SL?/?/sq/v/4/a</td>
<td>B=+.07 ns</td>
<td>Placers had educational aspirations about one year greater than parenters</td>
</tr>
</tbody>
</table>

B controlled for:
- pregnancy resolution
- age in years
- race (black/white)
- lived with both parents at age 14
- received public assistance while growing up
- lived in maternity residence while pregnant
**Study**  
**KENG 1995**  

*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:*  
Level of school-education  
Code: E 1.2.1

*Measurement:*  
- a: Secondary and below  
- b: GCE ‘A’ level  
- c: Polytechnic  
- d: University and above

*Measured Values:*  
a: 38.3%  
b: 17.0%  
c: 9.7%  
d: 35.0%

*Error Estimates:*  
O-SLW/?/sqt/n/5/a  
DM= ns

*Remarks:*  

---

**Observed Relation with Happiness**

*Happiness Query*  
O-SLW/?/sqt/n/5/a

*Statistics*  
DM= ns

*Remarks*  
a: M = 3.46  
b: M = 3.45  
c: M = 3.41  
d: M = 3.63
Kenner School

Correlate: E 1

**Study**

KENNE 1985

*Reported in:* Kennedy, L.W. & Mehra, A.N.

*Effects of social change on well-being: boom and bust in a western Canadian city*

*Social Indicators Research, vol.17, 1985, p.101-113*

*Population:* 18+ aged, general public, Edmonton, Canada, 1977-84

*Sample:* Probability multi-stage cluster sample

*Non-Response:*

*N:* 3440 *)

---

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:*

*Education in years.*

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/c/sq/n/7/b</td>
<td>Beta=+.0</td>
<td>Stepwise regression by age-group. age-group 17-25</td>
</tr>
</tbody>
</table>

*Beta controlled for:*

- standard of living satisfaction
- friendship satisfaction
- family satisfaction
- job satisfaction
- neighbourhood satisfaction
- financial better/worse than year ago
- health satisfaction
- year of significant social change
- things wanted to do satisfaction
Findings on Happiness & EDUCATION Correlate Code: E 1

**Study**  
KIM 1998

*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:* Level of school-education  
Code: E 1.2.1

*Measurement:* years of formal schooling

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/f</td>
<td>B=+.08 ns</td>
<td>Beta controlled for: demographic variables</td>
</tr>
<tr>
<td></td>
<td>B=+.04 ns</td>
<td>- age</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- married</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- never married</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- gender</td>
</tr>
<tr>
<td></td>
<td></td>
<td>objective socioeconomic status variables</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- household income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- household income divided by the number of household members</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- future income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- white collar occupation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- housing</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Correlate Code: E 1

B =+.03 ns

Beta controlled for:
- demographic variables
  - age
  - married
  - never married
  - gender
- objective socioeconomic status variables
  - income
  - household income
  - household income divided by the number of household members
  - future income
  - white collar occupation
  - housing
- subjective socioeconomic status variables
  - perception of income
  - social class position
  - equality
Findings on Happiness & EDUCATION

**Study**  
**KIVET 1976**

Reported in: Kivett, V.R.  

Population: 65+ aged, North Carolina, USA, 1970-71

Sample: 

Non-Response: 

N: 469

**Measured Correlate**

Class: Level of school-education Code: E 1.2.1

Measurement: 7-step scale, ranging from less than 7 years of school to graduate professional training. (Hollingshead 1965)

Measured Values:

Error Estimates:

Remarks:

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/ba</td>
<td>Beta=+1 p&lt;.05</td>
<td>controlled for urban living, sex, race, marital status, social position, age and work at age 50.</td>
</tr>
</tbody>
</table>

AoV= p<.05
Findings on Happiness & EDUCATION

KOUSH 2000

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: Level of school-education  Code: E 1.2.1
Measurement: 1= less than high school
2= high school grad.
3= two years college
4= college grad. and up

Measured Values: 1995: 1=119, 2=125, 3=60, 4=166
1997: 1=204, 2=431, 3=72, 4=327

Error Estimates:
Remarks: actual numbers, revised by author

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/3/ab  DM= ns  1995  M  S.D.
1= actual numbers, revised by author 2= 1.77 0.31
3= 1.81 0.36
4= 1.75 0.31

DM= ns  1997  M  S.D.
1= 1.73 0.38
2= 1.83 0.40
3= 1.84 0.45
4= 1.86 0.34

D% ns  1995  very fairly not at all
happy happy happy
1= 13.7 39.8 26.5
2= 6.6 63.9 29.5
3= 10.2 61.0 28.8
4= 6.2 62.7 31.1

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsr/research/happiness  Page 110 of 364
<table>
<thead>
<tr>
<th></th>
<th>1997</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>very happy</td>
<td>fairly happy</td>
<td>not at all happy</td>
<td></td>
</tr>
<tr>
<td>very</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>1=</td>
</tr>
<tr>
<td>fairly</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>2=</td>
</tr>
<tr>
<td>not at all</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>3=</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>4=</td>
</tr>
<tr>
<td>1=</td>
<td>9,0</td>
<td>55,2</td>
<td>35,8</td>
<td></td>
</tr>
<tr>
<td>2=</td>
<td>12,8</td>
<td>57,4</td>
<td>29,8</td>
<td></td>
</tr>
<tr>
<td>3=</td>
<td>15,7</td>
<td>52,9</td>
<td>31,4</td>
<td></td>
</tr>
<tr>
<td>4=</td>
<td>11,2</td>
<td>63,6</td>
<td>25,2</td>
<td></td>
</tr>
</tbody>
</table>

D% = ns

1995
\[ r = -.06 \] ns

1997
\[ r = +.06 \] p < .05
Study  
**LEE  1978**  

*Reported in:* Lee, G.R.  
Marriage and morale in later life  
Journal of marriage and the family 1978 vol. 40 page 131-139

*Population:* 60+ aged marrieds, Washington State USA, 1975  

*Sample:* Probability systematic sample  

*Non-Response:* 62%

*N:* 439

---

### Measured Correlate

*Class:* Level of school-education  
Code: E 1.2.1

*Measurement:* Years of formal education. Question not reported.

*Measured Values:* Mean: Males 12,3 Females 12,8  
SD: Males 3,9 Females 3,1

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

*Happiness Query*  
M-ACO/u/mq/n/4/a

*Statistics*  
$r=+.26$  
p<.01

*Beta*=+.1  
males only  
males  
beta controlled for:  
- length of marriage  
- age  
- retired or not  
- self perceived health  
- satisfaction with standard of living  
- marital satisfaction

*Non-Response:* females

$r=+.17$  
p<.05

*Beta*=+.0  
males only  
beta controlled for:  
- age  
- length of marriage  
- self perceived health  
- satisfaction with standard of living  
- marital satisfaction

---
### Study

**LEE 1982**

**Reported in:** Lee Hongkoo, Kyong-Dong Kim, and Doh C. Shin

Perceptions of quality of life in an industrializing country: the case of the republic of


**Population:** Parents with unmarried children at home, South Korea, 1980

**Non-Response:**

| N: | 1500 |

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** No school / Elementary / Middle school / High school / College

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-Sum/u/mq/*/0/b</td>
<td>DM=+</td>
<td>Sizable linear relationship</td>
</tr>
<tr>
<td>Study</td>
<td>LEE 1982</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>Reported in:</td>
<td>Lee, Gary R.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>60+ aged, living near children, USA, Washington State, 1975</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td>Probability simple random sample</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>25.1%</td>
<td></td>
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<tr>
<td>N:</td>
<td>403</td>
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</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Level of school-education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>E 1.2.1</td>
</tr>
<tr>
<td>Measurement:</td>
<td>years of schooling</td>
</tr>
</tbody>
</table>

### Measured Values:

- **males**: M=12.5 SD=3.9
- **females**: M=12.2 SD=3.3

### Error Estimates:

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>M-ACO/u/mq/n/4/a</td>
<td>r=+.24</td>
<td>males</td>
</tr>
<tr>
<td><strong>Beta=+.1</strong></td>
<td>beta controlled for:</td>
<td></td>
</tr>
<tr>
<td>- marital status</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- self rated health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- age</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- number of children</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- contact with children</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- aid given</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- aid received</td>
<td></td>
<td></td>
</tr>
<tr>
<td>r=+.20</td>
<td>females</td>
<td></td>
</tr>
<tr>
<td><strong>Beta=+.2</strong></td>
<td>beta controlled for:</td>
<td></td>
</tr>
<tr>
<td>- marital status</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- self rated health</td>
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</tr>
<tr>
<td>- age</td>
<td></td>
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<tr>
<td>- aid given</td>
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</tr>
<tr>
<td>- aid received</td>
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</tbody>
</table>
### Findings on Happiness & EDUCATION Correlate Code: E 1

#### Study
**LEISU 1980/1**

*Reported in:* The Leisure Development Center, 1980
A 13 country survey of values.
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo.

**Population:** 18+ aged, general public, Australia, 1979

**Sample:**

**Non-Response:**

\[ N: 1104 \]

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:**
- What school did you go to last?
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

### Measured Values:

### Error Estimates:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/e</td>
<td>G=+.02</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=+.01</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/a</td>
<td>G=+.03</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=+.02</td>
<td>ns</td>
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</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 115 of 364
<table>
<thead>
<tr>
<th>Study</th>
<th>LEISU 1980/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>The Leisure Development Center, 1980</td>
</tr>
<tr>
<td>A 13 country survey of values</td>
<td></td>
</tr>
<tr>
<td>Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Adult, general public, metropolitan areas Brazil, 1979</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
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<tr>
<td>N:</td>
<td>1000</td>
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**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Level of school-education Code: E 1.2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>&quot;What school did you go to last?&quot;</td>
</tr>
<tr>
<td>- did not receive compulsory education</td>
<td></td>
</tr>
<tr>
<td>- did not finish compulsory education</td>
<td></td>
</tr>
<tr>
<td>- graduated junior high school</td>
<td></td>
</tr>
<tr>
<td>- graduated senior high school</td>
<td></td>
</tr>
<tr>
<td>- graduated junior college, college or graduate school</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/e</td>
<td>G=-.08</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>tc=-.06</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/a</td>
<td>G=-.08</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>tc=-.05</td>
<td>p&lt;.01</td>
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</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

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

<table>
<thead>
<tr>
<th>Measured Correlate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class: Level of school-education Code: E 1.2.1</td>
</tr>
<tr>
<td>Measurement: &quot;What school did you go to last?&quot; - did not recieve compulsory education - did not finish compulsory education - graduated junior high school - graduated senior high school - graduated junior college, college or graduate school</td>
</tr>
</tbody>
</table>

| Measured Values: |
| Error Estimates: |
| Remarks: |

<p>| Observed Relation with Happiness |</p>
<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>O-HL/c/sq/v/5/e</td>
<td>G=+.01</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=+.01</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/a</td>
<td>G=-.03</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=-.02</td>
<td>ns</td>
</tr>
</tbody>
</table>

Findings on Happiness & EDUCATION

Study
LEISU 1980/4

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, France, 1979

Sample:

Non-Response:

N:

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: "What school did you go to last?"
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/5/e G=+.21 p<.01
 tc=+.14 p<.01

O-SLu/c/sq/v/5/a G=+.04 p<.05
 tc=+.03 ns

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Findings on Happiness & EDUCATION

Correlate Code: E 1

Study: LEISU 1980/5

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo.

Population: 18+ aged, general public, India, 1979

Sample:
Non-Response:
N: 1000

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
- "What school did you go to last?"
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/5/e G=+.18 p<.01
 tc=+.13 ns
O-SLu/c/sq/v/5/a G=+.19 p<.01
 tc=+.13 p<.01
Findings on Happiness & EDUCATION  

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

**Measured Correlate**  
*Class:* Level of school-education  
*Code:* E 1.2.1  
*Measurement:*  
- *What school did you go to last?*  
- did not receive compulsory education  
- did not finish compulsory education  
- graduated junior high school  
- graduated senior high school  
- graduated junior college, college or graduate school  
*Measured Values:*  
*Error Estimates:*  

**Observed Relation with Happiness**  
*Happiness Query*  
Statistics Remarks  
O-HL/c/sq/v/5/e G=-.01 ns  

tc=-.07 ns  

O-SLu/c/sq/v/5/a G=+.09 p<.01  

tc=+.04 p<.05
Findings on Happiness & EDUCATION

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

**Measured Correlate**  
Class: Level of school-education  
Code: E 1.2.1  
Measurement:  
- What school did you go to last?  
- did not receive compulsory education  
- did not finish compulsory education  
- graduated junior high school  
- graduated senior high school  
- graduated junior college, college or graduate school  
Measured Values:  
Error Estimates:  
Remarks:  

**Observed Relation with Happiness**

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<td></td>
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<td>O-SLu/c/sq/v/5/a</td>
<td>G=+.07</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>tc=+.04</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

What school did you go to last?
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

LEISU 1980/8

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo
Population: 18+ aged, general public, Philippines, 1979
Sample:
Non-Response: 996

N: 996

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement: "What school did you go to last?"
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/5/e G=+.12 p<.01
tc=+.09 p<.01
O-SLu/c/sq/v/5/a G=+.19 p<.01
tc=+.13 p<.01
Findings on Happiness & EDUCATION Correlate Code: E 1

Study LEISU 1980/9

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, Singapore, 1979

Sample:

Non-Response:

N: 1006

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: "What school did you go to last?"
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/5/e G=+.06 p<.01
tc=+.04 p<.05
O-SLu/c/sq/v/5/a G=+.07 p<.01
tc=+.05 p<.05

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### Study

**LEISU1980/10**

**Reported in:** The Leisure Development Center, 1980
A 13 country survey of values
Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

**Population:** 18+ aged, general public, urban areas, South Korea, 1972

**Sample:**

**Non-Response:**

**N:** 997

---

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:**
- What school did you go to last?
- Did not recieve compulsory education
- Did not finish compulsory education
- Graduated junior high school
- Graduated senior high school
- Graduated junior college, college or graduate school

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
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<td>tc=+.09</td>
<td>p&lt;.01</td>
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<td>O-SLu/c/sq/v/5/a</td>
<td>G=+.06</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>tc=+.04</td>
<td>p&lt;.05</td>
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</tbody>
</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

**Study**

LEISU1980/11

*Reported in:* The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

*Population:* 18+ aged, general public, United Kingdom, 1972

*Sample:

*Non-Response:*

N: 987

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:*

"What school did you go to last?"
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
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<th>Statistics</th>
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<td>O-SLu/c/sq/v/5/a</td>
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</table>

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### Study

**LEISU1980/12**

**Reported in:** The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

**Population:** 18+ aged, general public, USA, 1979

**Sample:**

**Non-Response:**

**N:** 1127

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:**
- What school did you go to last?
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

### Measured Values:

### Error Estimates:

### Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
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<td></td>
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<td>O-SLu/c/sq/v/5/a</td>
<td>G=-.02</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=-.01</td>
<td>ns</td>
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</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

"What school did you go to last?"
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement: "What school did you go to last?"
- did not receive compulsory education
- did not finish compulsory education
- graduated junior high school
- graduated senior high school
- graduated junior college, college or graduate school

Observed Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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<tbody>
<tr>
<td>O-HL/c/sq/v/5/e</td>
<td>G=+.11</td>
<td>p&lt;.01</td>
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<td></td>
<td>tc=+.04</td>
<td>p&lt;.05</td>
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<tr>
<td>O-SL/c/sq/v/5/a</td>
<td>G=+.11</td>
<td>p&lt;.01</td>
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<tr>
<td></td>
<td>tc=+.04</td>
<td>p&lt;.05</td>
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</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

Study  LEVY 1975

Reported in:  Levy, S & Guttman, L
Structure and dynamics of worries

Population:  18+ aged, general public, urban areas, Israel, 1968-70

Sample:

Non-Response:  ?
N:  About 1800 each survey

Measured Correlate

Class:  Level of school-education  Code: E 1.2.1

Measurement:  Closed question, ranging from low to high education.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<th>Remarks</th>
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<tr>
<td></td>
<td></td>
<td>mc = +.27 +.33 +.31 +.31 +.28</td>
</tr>
</tbody>
</table>

Findings on Happiness & EDUCATION

**Study**

**LINN 1980**

**Reported in:** Linn, G.J. and McGranahan, D.A.

Personal disruption, social integration, subjective well-being and predisposition toward the use of counseling services

**American Journal of Community Psychology**

**Vol 8, 1980, 87-100**

**Population:** 18+ aged, general public, NW-Wisconsin, USA, 1974

**Sample:**

**Non-Response:** 7-24 %

**N:** 1423

**Measured Correlate**

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:** Direct question: What was the highest grade of school or year of college you completed? (weighted score)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

**Happiness Query**  
**Statistics**  
**Remarks**

O-HL/c/sq/v/7/a  
B=-  
ns  
B controlled for: sex, income, occupation, health, divorce/separation, unemployment; age and its interaction with health, divorce and unemployment; friends and the interaction with health, divorce and unemployment.

O-SLW/u/sq/v/7/a  
B=-  
ns  
B controlled for: sex, income, occupation, health, divorce/separation, unemployment; age and its interaction with health, divorce, and unemployment; friends and the interaction with health, divorce and unemployment.

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 129 of 364
Study  
MAKAR 1962  

Reported in: Makarczyk, W.  
Factors affecting life satisfaction among people in Poland.  

Population: Adults, general public, students and peasants excluded, Poland, 1960  

Sample:  
Non-Response: 5%  

N: 2387  

Measured Correlate  

Class: Level of school-education  
Code: E 1.2.1  

Measurement:  

Measured Values:  

Error Estimates:  

Remarks:  

Observed Relation with Happiness  

Happiness Query  Statistics  Remarks  
O-SLW/u/sq/v/5/a  SNR= ns  

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World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & EDUCATION Correlate Code: E 1

8th grade or less / high school incomplete / high school graduate / college incomplete / college graduate

MANNI 1972

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement: 8th grade or less / high school incomplete / high school graduate / college incomplete / college graduate

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-HL/g/sq???/a</td>
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<td>p&lt;.</td>
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</table>

G' based on proportion very happy.
Response formats of happiness question very slightly over the years.

1946: blacks: G' = +.08 (ns)
        whites: G' = +.18 (01)
1956: blacks: G' = -.07 (ns)
        whites: G' = +.19 (01)
1966: blacks: G' = -.18 (05)
        whites: G' = +.19 (01)
Study: MARTI 1984

Reported in: Martinson, O.B., Wilkening, E.A. & Mc Grahanan, D.
Predicting overall life-satisfaction: The role of life-cycle and social-psychological antecedents

Population: 18+ aged, general public, N.W. Wisconsin, USA, 1974
Sample:
Non-Response: 12%
N: 1423

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
1: 8th grade or less
2: some high school
3: high school completed
4: some college
5: college degree

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query: O-SLW/u/sqt/v/7/a
Statistics: Beta = -0.0 ns
Remarks:

\[ \beta \text{ controlled for powerlessness, community solidarity, health, days too sick to work, recent move, separated/divorced, unemployed, contact with relatives, contact with friends, church attendance, organizational membership, family income.} \]
Findings on Happiness & EDUCATION  

Study  
**MARTI 1985**  
*Reported in:* Martinson, O.B., Wilkening, E.A. & Linn, J.G.  
Life change, health status and life satisfaction: A reconsideration  
*Population:* 18+ aged, general public, NW Wisconsin, USA, 1974  
*Sample:*  
*Non-Response:* 14%  
*N:* 1423  

**Measured Correlate**  
*Class:* Level of school-education  
*Code:* E.1.2.1  
*Measurement:*  
1: 8th grade or less  
2: some high school  
3: high school completed  
4: some college  
5: college degree  

**Measured Values:**  
**Error Estimates:**  
**Remarks:**  

**Observed Relation with Happiness**  

<table>
<thead>
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<th>Happiness Query</th>
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<tr>
<td>O-SLW/u/sqt/v/7/a</td>
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</tbody>
</table>

8 of different age groups:  
under 30 : +.05 ns  
30-49 : +.02 ns  
50-64 : -.06 ns  
over 64 : -.04 ns  

8 controlled for: negative life change, degree of disability, days lost due to illness, powerlessness, community solidarity, recent migrant, contact with friends, contact with relatives, organizational affiliation, church attendance, separated / divorced, sex, unemployed, family income.
**Study**  
**MASTE 1984/1**  
*Reported in:* Mastekaasa, A., & Moum, T.  
The perceived quality of life in Norway: regional variations and contextual effects.  
Social Indicators Research, 1984, Vol 14, p.385-419  

*Population:* 15-64 aged, general public, non-institutionalized, Norway, 1971  

*Sample:*  

*Non-Response:* 15%  

*N:* 854  

**Measured Correlate**  

*Class:* Level of school-education  
*Code:* E 1.2.1  

*Measurement:* 8-point scale ranging from a value of 1 for less than seven years of elementary school to 8 for university degree  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>O-HL/c/sq/v/4/d</td>
<td>Beta=-.0 ns</td>
<td>8 controlled for income, age, sex, household size, occupational prestige, number of friends, occupationally active, marital status. Stronger in the more prosperous counties. Unaffected by traditionalism of the county.</td>
</tr>
</tbody>
</table>
Study  MASTE 1984/2  Page in Report: 411

 Reported in:  Mastekaasa, A. & Moum, T.  
 The perceived quality of life in Norway: regional variations and contextual effects.  
 Social Indicators Research, 1984, Vol 14, 385-419  

 Population:  Adults, general public, non-institutionalized, Norway, 1981  

 Sample:  
 Non-Response:  
  N: 1521  

 Measured Correlate  

 Class:  Level of school-education  Code: E 1.2.1  

 Measurement:  4-point scale ranging from 1 (elementary school only) to 4 (at least 5 years in addition to the 7-year elementary school)  

 Measured Values:  
 Error Estimates:  
 Remarks:  

 Observed Relation with Happiness  

 Happiness Query  Statistics  Remarks  

 O-SLW/?/sq/v/4/a  Beta=+.0 ns  
  β controlled for income, age, sex, household size, number of friends, occupationally active, marital status, degree of urbanization.  
  Stronger in the more prosperous counties.  
  Unaffected by traditionalism of the county.  

 Beta=+.0  

<table>
<thead>
<tr>
<th>Study</th>
<th>MASTE 1984/3</th>
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<tr>
<td>Reported in:</td>
<td>Mastekaasa, A.&amp; Moum, T.</td>
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<td>The perceived quality of life in Norway: regional variations and contextual effects.</td>
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<tr>
<td>Social Indicators Research, 1984, Vol 14, p.385-419</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>18-79 aged, general public, Norway, 1982</td>
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<td>Non-Response:</td>
<td>22%</td>
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<td>N:</td>
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<tr>
<td>Class:</td>
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<td>Code:</td>
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<td>Measurement:</td>
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<th>Observed Relation with Happiness</th>
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<tbody>
<tr>
<td>Happiness Query</td>
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<tr>
<td>O-SL/?/sq/l/10/a</td>
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Study MATLI 1966/1

Reported in: Matlin, N.
The demography of happiness
University of Puerto Rico, School of Medicine, Department of Public Health, 1966, San Juan.

Population: 20+ aged, general public, Puerto Rico, 1963-64
Sample:
Non-Response:

N: 1417 (excluding validation sample)

Measured Correlate

Class: Level of school-education  Code: E 1.2.1

Measurement: 3rd grade or less / 4th - 7th grade / 8th - 11th grade / H.S. graduate / part college / college graduate

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
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<td>A-BB/cw/mq/v/2/a</td>
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<tr>
<td>O-HL/c/sq/v/3/af</td>
<td>G=+.19</td>
<td>p&lt;.01 Unaffected by age</td>
</tr>
</tbody>
</table>
### Study: MCNAM 1978

**Reported in:** McNamara, P.H. & St George, A.  
Blessed are the Downtrodden? An empirical test  

**Population:** 18+ aged, general public, non-institutionalized, USA, 1971

<table>
<thead>
<tr>
<th>Sample:</th>
<th>Non-Response: 20%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>N:</strong></td>
<td>2164</td>
</tr>
</tbody>
</table>

#### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:**  
1: elementary only  
2: grades 9-11  
3: high school graduate  
4: some college  
5: college graduate  
6: post graduate

**Measured Values:**

**Error Estimates:**

**Remarks:**

#### Observed Relation with Happiness

**Happiness Query**  
**Statistics**  
**Remarks**

O-HL/c/sq/v/3/aa  
G=+.16  
p<.01

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 138 of 364
Study  MELEI 1982  

Reported in: Meleis, A.I.  
Effects of modernization on Kuwaiti women  

Population: 17-40 aged females, Kuwait, 1982  

Sample:  
Non-Response:  
N: 248  

Measured Correlate  

Class: Level of school-education  
Code: E 1.2.1  
Measurement: Elementary school, high school, college, university  

Measured Values:  
Error Estimates:  
Remarks:  

Observed Relation with Happiness  

Happiness Query  Statistics  Remarks  
O-H/?/?/oq/?/0/a  r=.13  p<.05  
  r=.13  p<.05
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study       MICHA 1983
Reported in: Michalos, A.C.
Satisfaction and happiness in a rural northern resource community

Population: 18+ aged, rural community, N.Ontario, Canada, 1982

Sample:
Non-Response: 8%
N: 598

Measured Correlate
Class: Level of school-education Code: E 1.2.1
Measurement:
1: grade 8 or less
2: grade 10 or less
3: grade 13 or less
4: some trade school
5: trade licence
6: some college, university
7: received degree

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, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the other demographic factors: sex, age, language, work status, marital status, time in area.
Males : N: 173 ß: +.05
Females: N: 154 ß: ns

O-HL/u/sq/v/7/a Beta= ns     All ß's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the other demographic factors: sex, age, language, work status, marital status, time in area.
Males : N: 173 ß: +.03
Females: N: 154 ß: -.03

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 140 of 364
Findings on Happiness & EDUCATION Correlate Code: E 1

Formal education:
1. last grade 6
2. last grade 7-8
3. last grade 11-13
4. some post secondary
5. post secondary
6. bachelors
7. post graduate degree

MICHA 1986

Reported in: Michalos, A. C.
An application of Multiple Discrepancies Theory to seniors

Population: 60+ aged, rural districts, Canada, 1984

Sample:
Non-Response: 47%
N: 457

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement:
Formal education:
1. last grade 6
2. last grade 7-8
3. last grade 11-13
4. some post secondary
5. post secondary
6. bachelors
7. post graduate degree

Measured Values:
Error Estimates:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/c/sq/vr7/aa Beta=+.0 ns β path-coefficient controlled for sex, age, income and the perceived discrepancies: own life with that of others, life with that deserved, life with needs, life with progress in life, life now with best previous experience, life with wants.
Beta=+.0 Total of direct path and indirect paths via life compared with wants.
Beta=+.0 ns Males: direct path
Beta=+.1 Males: total of direct path and indirect paths via life compared with wants.
Beta=+.0 ns Females: direct path
Beta=+.0 Females: total of direct path and indirect paths via life compared with wants.
| O-HL/u/sq/v7/a | Beta=+.0 ns | \( B \) path coefficient controlled for sex, age, income and the perceived discrepancies: own life with that of others, life with that deserved, life with needs, life with progress in life, life now with best previous experience, life with wants. |
| Beta=+.0 | Total of direct path and indirect paths via life compared with wants. |
| Beta=+.0 ns | Males: direct path |
| Beta=+.0 | Males: total of direct path and indirect paths via life compared with wants. |
| Beta=+.0 ns | Females: direct path |
| Beta=+.0 | Females: total of direct path and indirect paths via life compared with wants. |
### Study

**MITCH 1972/2**

*Reported in:* Mitchell, R.E.  
Levels of emotional strain in Southeast Asian cities  
Asian Folklore & social life monographs, The Orient culturalServic 1972, Taipei, Formosa

*Population:* 18+ aged, general public, Hong Kong, South East Asia, 1967

*Sample:* Non-Response: 21%  

### Measured Correlate

*Class:* Level of school-education  
Code: E 1.2.1

*Measurement:*  
- no formal education  
- primary education  
- secondary education  
- post-secondary and higher

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/4/a  | G=-.17 p<.01 | % happy:  
- no education 62  
- primary only 67  
- secondary 74  
- post secondary and higher 75 |
Study: MOLLE 1988

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: Level of school-education Code: E 1.2.1

Measurement:
0: none: 0 yrs (57%)
1: some: 1 to 9 yrs (43%)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/5/a r=+.09 ns
O-SLW/u/sq/v/5/d r=+.15 p<.05
Findings on Happiness & EDUCATION

MOLNA 1985

Reported in: Molnar, J.J.
Determinants of subjective well-being among farm operators: characteristics of the
Rural Sociology, Vol 50, 1985, pp. 141-162

Population: Farm operators, Alabama, USA, 1981

Sample:

Non-Response: 29.9%
N: 705

Measured Correlate

Class: Level of school-education  Code: E 1.2.1
Measurement: 5-point scale ranging from ‘less than high school’ to ‘postgraduate degree’

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-BW/cy/sq/l/9/a r=.15 p<.05
r=.15 p<.05
Findings on Happiness & EDUCATION Correlate Code: E 1

Study  MOOKH 1997

Reported in: Mookherjee, H.N.
Assessment of happiness among the elderly population in the United States

Population: 60+ aged, general public, USA 1982-91
Sample: Probability multi-stage cluster sample
Non-Response: not reported
N: 3049

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement:
1. 0-11 years
2. 12
3. 13 above

Measured Values: 1. N: 1=1463 2=854 3=732

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | DM=+ p<.00 | 1. M = 2.17 SD = .68
|                 |            | 2. M = 2.26 SD = .64
|                 |            | 3. M = 2.33 SD = .63
|                 | r=+.11 p<.00 |
|                 | Beta=+.0 p<.00 | Beta controlled for socio-demographic variables:
|                 |            | - Gender
|                 |            | - Race
|                 |            | - Marital status
|                 |            | - Financial status
|                 |            | - Place of residence
|                 |            | - Religious membership
|                 |            | - Religious attendance

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness
Beta=-.0 ns  

Beta controlled for:
- socio-demographic variables
  - Gender
  - Race
  - Marital status
  - Financial status
  - Place of residence
  - Religious membership
  - Religious attendance
- satisfaction with:
  - Neighbours
  - Non-working activities
  - Family
  - Friends
  - Health
  - Finance
Findings on Happiness & EDUCATION  

**Study**  
**MOSER 1969**  
*Reported in:* Moser - Peters, C.M.J.  
*Population:* Adult, general public, Utrecht, city, The Netherlands, 1967  
*Sample:*  
*Non-Response:* 14% unattainable etc.  
*N:* 300  

---

**Measured Correlate**  
*Class:* Level of school-education  
*Code:* E 1.2.1  
*Measurement:* 3-point scale  
*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

---

**Observed Relation with Happiness**  
*Happiness Query*  
O-HL/c/sq/v/5/c  
*Statistics*  
G=-.05 ns  
*Remarks*  
Unaffected by sex and age.
### Study

**NEAR 1978**

*Reported in:* Near, J.P., Rice, R.W. & Hunt, R.G.
Work and extra-work correlates of life and job satisfaction

*Population:* Adult, general public, Western New York State, USA, 1975

*Sample:*

*Non-Response:*

*N:* 384

### Measured Correlate

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:*

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/v/5/d</td>
<td>$R^2 = .01$</td>
<td>$p &lt; .05$</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Correlate Code: E 1

**Study**

**NEUBE 1978/1**

Reported in: Neuberger, O. & Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Work-
Verlag hans Huber, 1978, Bern, Switzerland

Population: Employees, industry or service sector, Austria and West Germany, ±1970

Sample:

Non-Response: 5592

**Measured Correlate**

Class: Level of school-education Code: E 1.2.1

Measurement:

Primary Education
Primary Ed. + Vocational School
Advanced Elementary Education
Secondary Education
University

Measured Values:

Error Estimates:

Remarks:

**Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLS/c/sq/f/7/a E²=.13 p<.01

Primary Education M=4.65 Mt'=6.08
P.E. + Vocat. School M=4.92 Mt'=6.53
Advanc. Elem. Educ. M=5.17 Mt'=6.95
Secondary Education M=5.13 Mt'=6.88
Study M=5.23 Mt'=7.05

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 150 of 364
**Study**  
**NEUBE 1978/1**

**Reported in:** Neuberger, O. & Allerbeck, M.  
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Work-Verlag hans Huber, 1978, Bern, Switzerland

**Population:** Employees, industry or service sector, Austria and West Germany, ±1970

**Sample:**

**Non-Response:**  
N: 5592

---

**Measured Correlate**

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:**
0 No  
1 Yes

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLS/c/sq/l/7/a</td>
<td>E²=+.05 p&lt;.01</td>
<td>Yes M=5.02 M' =6.70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No M=4.81 M' =6.35</td>
</tr>
</tbody>
</table>

---
Findings on Happiness & EDUCATION Correlate Code: E 1

NIPO 1949

Reported in: N.I.P.O.
The things that make people happy. (In Dutch: Wat de mensen gelukkig maakt.)

Population: Adult, general public, The Netherlands, 1948

Sample: 
Non-Response: 7%

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: 
Measured Values: 
Error Estimates: 
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HP/u/sq/v/3/a D%=±0 ns
Findings on Happiness & EDUCATION

Correlate Code: E 1

NOELL 1977/5

Reported in: Noelle-Neumann, E.
Politis und Glück (Politics and Happiness)
H. Baier (ed.) Freiheit und Sachzwang, Westdeutscher Verlag,Opladen, 1977, 208 - 262

Population: 14+ aged, general public, West-Germany, 1976-

Sample:
Non-Response:
N: 7965

Measured Correlate

Class: Level of school-education Code: E 1.2.1
Measurement:
- 0 elementary school
- 1 secondary school completed

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-CA/mh/ri/v/2/b G=+.31 p<.01 % happy face:
- Primary school 70%
- Secondary school completed 82%
Findings on Happiness & EDUCATION

**Study**

**ORMEL 1980**

- **Reported in:** Ormel, H.
- **Moteite met leven of een moeilijk leven (Difficulty in living or a difficult life)**
- **Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.**
- **Population:** 15-60 aged, general public, followed 12 months, The Netherlands, 1967-77
- **Sample:**
  - **Non-Response:** 18%
  - **N:** 296

**Measured Correlate**

- **Class:** Level of school-education  Code: E 1.2.1
- **Measurement:** Education rated on a 5 point scale. Primary school (1), college (5). Assessed at T2 (1976)

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v/4/c</td>
<td>r=+.13 p&lt;.05</td>
<td>T2 happiness by T2 education</td>
</tr>
<tr>
<td></td>
<td>r=+.20 p&lt;.01</td>
<td>T3 happiness by T2 education</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

**Study**

**PALIS 1983**

*Reported in:*
Palisi, B. J. & Canning, C.

*Population:*
Males, metropolitan areas England, USA, Australia, 1977-1980

*Sample:*
67% Non-Response

*Measured Correlate*

*Class:*
Level of school-education Code: E 1.2.1

*Measurement:*
Direct question on level of education: less than highschool, highschool or college

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v2a</td>
<td>rpc=.05 ns</td>
<td>London</td>
</tr>
<tr>
<td></td>
<td>rpc=.07 ns</td>
<td>Los Angeles</td>
</tr>
<tr>
<td></td>
<td>rpc=.03 ns</td>
<td>Sydney</td>
</tr>
</tbody>
</table>

Rpc controled for: Frequency of visits to friends and kin, neighborhood (centre or suburb) and type of house (single family home or not).
### Study

**PALIS 1985A**

*Reported in:* Palisi, B.J.
Voluntary Associations and Well-being in Three Metropolitan Areas: Cross-cultural Evidence
International Journal of Contemporary Sociology, 1985, Vol. 22, No. 3 & 4, p.5-288


*Sample:*

|-------------|------------------------------------------|

### Measured Correlate

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* less than high school
- high school
- college

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-FH/cm/sq/v/4/a</td>
<td>r=+.00</td>
<td>London</td>
</tr>
<tr>
<td></td>
<td>r=+.05</td>
<td>Los Angeles</td>
</tr>
<tr>
<td></td>
<td>r=+.02</td>
<td>Sydney</td>
</tr>
<tr>
<td>Study</td>
<td>PALIS 1986B</td>
<td>Page in Report: 370</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Reported in:</td>
<td>Palisi, B.J.</td>
<td>Urbanism and social psychological well-being: a test of three theories</td>
</tr>
<tr>
<td>Population:</td>
<td>18+ aged, general public, non-institutionalized, USA, 1974-1982</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>7542</td>
<td></td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Level of school-education Code: E 1.2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Highest degree earned</td>
</tr>
<tr>
<td>Measured Values:</td>
<td></td>
</tr>
<tr>
<td>Error Estimates:</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>r=+.08</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
### Study
**PALMO 1972**

**Reported in:** Palmore, E.B. & Luikart, C.
Health and social factors related to life satisfaction.

**Population:** 46+ aged, whites, North Carolina, USA, 1968

**Sample:** Probability stratified sample

**Non-Response:**
N: 502

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** Highest grade of regular school or college ever attended by the respondent.

**Measured Values:**
- Actual range 0-27
- M= 11.8  SD= 4.0

### Observed Relation with Happiness

**Happiness Query** | **Statistics** | **Remarks**
--- | --- | ---
O-BW/c/sq/l/10/c | r=+.03  ns | all.
r=+.01  p<.05 | Age 46-59

Beta=-.0  p<.05 | Ages 46-59. Step wise multiple regression:
self rated health  R= +.46
org. activity  B1=+.51
performance status  B2=+.53
income  B3=+.54
education  B4=+.55
All variables p<.05
Findings on Happiness & EDUCATION Correlate Code: E 1

Study: PEIL 1984

Reported in: Peil, M.
African urban life: components of satisfaction in Sierra Leone

Population: Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981

Sample: 5% (on some items up to 60%)
N: 640

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:
- none
- manual
- primary
- secondary
- more

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/l7/a</td>
<td>DMt=+</td>
<td>Happiness level in Mt’ (0-10):</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- none males: 7.1 females: 7.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- manual    7.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- primary   7.1    8.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- secondary 7.6    7.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- higher    7.7    7.8</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

Correlate Code: E 1

**Study**

**PHILL 1967A**

*Reported in:* Phillips, D.L.
Social participation and happiness

*Population:* Adult, general public, New Hampshire, USA, 196?

*Sample:*

*Non-Response:* -

*N:* 600

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* 1 Less than high school
2 high school graduate
3 college training.

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>D% = +</td>
<td>Index of Positive Affects: D% = +</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Index of Negative Affects: D% = ±0</td>
</tr>
<tr>
<td>O-HL/u/sq/v/3/a</td>
<td>D% = +</td>
<td>Index of Positive Affects: D% = -</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Index of Negative Affects: D% = ±0</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

**Study**  
**SCHUL 1985B**  
*Reported in:* Schulz, W.; Költlinger, R.; Norden, G.; Tüchler, H.  
Lebensqualität in Osterreich (Quality-of-life in Austria)  
Research paper nr 10/1, Institut für Soziologie, University of Vienna, Austria 1985  
*Population:* Adults, non-institutionalized, Austria, 1984  
*Sample:*  
*Non-Response:* ?  
*N:* 1776  

**Measured Correlate**  
*Class:* Level of school-education  
*Code:* E 1.2.1  
*Measurement:*  
1 Primary only  
2 Lower professional  
3 Medium professional  
4 University or college  

**Measured Values:**  

**Error Estimates:**  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| M-AO/c/mq/*/0/a  | G=+.24 p<.05 | Beta=+.1 p<.05  
|                 | tc=+.18 p<.05 | 8 controlled for: gender, age, marital status, professional status, income, and community size |
| O-QL?/c/mq/v/5/a | G=+.16 p<.01 | Beta= ns  
|                 | tc=+.17 p<.01 | 8 controlled for: gender, age, marital status, education, professional status, income, and community size |

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World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & EDUCATION

Correlate Code: E 1

SHICHER 1984

Reported in: Shichman, S.; Cooper, E.
Life Satisfaction and Sex-Role Concept
Sex Roles, Vol 11, 1984, p.227-240

Population: Adults, students and churchmembers,
USA, 198?

Sample:

Non-Response: 5,9 %
N: 217

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLu/u/sq/v/4/a r=.22 p<.00
Findings on Happiness & EDUCATION

**Study**

**SHINN 1978**

*Reported in:* Shinn, D.C. & Johnson, D.M.
Avowed happiness as an overall assessment of the quality of life

*Population:* Heads of households, Illinois, USA, 1975

*Sample:*

*Non-Response:* 17%

*N:* 665

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Question about the highest level of schooling achieved or completed at the time of the interview

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | r=+.05 ns  | When controlled for: - resources only \( \beta = +.05 \)  
- resources and assessments \( \beta = +.03 \)  
- resources and comparisons \( \beta = -.04 \)  
- resources, assessments and comparisons \( \beta = +.02 \)  

'Resources': race, sex, age, income, home ownership, 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.

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Page 163 of 364
### Study SHINN 1986/1

**Reported in:** Shinn, Doh C.

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

**Sample:**

**Non-Response:**

**N:** 1215

### Measured Correlate

**Class:** Level of school-education Code: E 1.2.1

**Measurement:**
- no school
- elementary school
- middle school
- high school
- some college
- college graduated

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-RG/ly/sq/v/4/a</td>
<td>G=-.16 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td></td>
<td>G=+.16 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>M-A0/c/mq/*/0/a</td>
<td>r=+.22 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td></td>
<td>r=+.22 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beta=+.1 p&lt;.05</td>
<td>β controled for income, age, gender, married status, own house and community size.</td>
</tr>
<tr>
<td>M-PL/c/sq/v/4/a</td>
<td>G=-.12 p&lt;.05</td>
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<tr>
<td></td>
<td>G=+.12 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>M-TH/ly/sq/v/4/a</td>
<td>G=-.17 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td></td>
<td>G=+.17 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/v/7/a</td>
<td>G=+.35 p&lt;.05</td>
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<td>G=+.35 p&lt;.05</td>
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</table>
Findings on Happiness & EDUCATION
Correlate Code: E 1

**Study**  
**SHINN 1986/2**  
**Reported in:** Shinn, Doh C.  
Education and the quality of life in Korea and the United States: a cross-cultural  

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

**Sample:**

**Non-Response:**

**N:** 3642

---

**Measured Correlate**

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:**  
no school  
elementary school  
middle school  
high school  
some college  
college graduate

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

**Happiness Query**  
**Statistics**  
**Remarks**

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<tr>
<th>Happiness Query</th>
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<th>M-AO/c/mq/*/0/a</th>
<th>M-PL/c/sq/v/4/a</th>
<th>M-TH/ly/sq/v/4/a</th>
<th>O-SLu/c/sq/v/7/a</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>G=+.02 ns</td>
<td>r=+.10 p&lt;.05</td>
<td>G=+.29 p&lt;.05</td>
<td>G=+.25 p&lt;.05</td>
<td>G=+.16 p&lt;.05</td>
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<tr>
<td></td>
<td>G=+.02 ns</td>
<td>r=+.10 p&lt;.05</td>
<td>G=+.29 p&lt;.05</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>G=+.25 p&lt;.05</td>
<td>G=+.16 p&lt;.05</td>
</tr>
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<td></td>
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</tbody>
</table>

**Remarks:**  
ß controled for income, age, gender, married status, own house and community size.

---

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**Findings on Happiness & EDUCATION** 

**Correlate Code: E 1**

**Study**

**SIGEL 1981**

*Reported in:* Sigelman, L.

*Is ignorance bliss? A reconsideration of the folk wisdom*


*Population:* 18+ aged, general public, non-institutionalized, USA, 1974-76

*Sample:

*Non-Response:* 2650

**Measured Correlate**

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* Number of school years completed

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>Beta=.0 ns</td>
<td>B controlled for: age, gender, race, family income, marital status, church attendance, political participation and health condition. When intelligence is also controls B drops to .01</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 166 of 364
### Study

**SMITH 1982**

**Reported in:** Smith, T. W.

**Population:** 18+aged, general public, non-institutionalized, USA, 1972-80

**Sample:**

**Non-Response:**

\[N: \text{11997}\]

---

### Measured Correlate

**Class:** Level of school-education  \(\text{Code: E 1.2.1}\)

**Measurement:**

1. less than high school
2. high school graduate
3. some college, no degree
4. associate degree
5. bachelor’s degree
6. bachelor’s with 5 or more years of college
7. graduate degree

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>(G=+.07) (p&lt;.01)</td>
<td>% very happy:</td>
</tr>
<tr>
<td></td>
<td>(tc=+.05) (p&lt;.01)</td>
<td>(1) 31.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(2) 34.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(3) 34.9</td>
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<td></td>
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<td>(4) 39.5</td>
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<td>(5) 37.5</td>
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<td></td>
<td></td>
<td>(6) 35.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(7) 40.2</td>
</tr>
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</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

### SNIDE 1980

**Reported in:** Snider, E.L.
Explaning lifesatisfaction: It's the elderly's attitude that co that counts.
Social Science Quaterly, 1980, vol. 61, nr 2, p. 253-263

**Population:** 65+ aged, retired whites, Edmonton, Canada, 1976

**Sample:**

**Non-Response:** 10%

**N:** 428

**Measured Correlate**

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** Single direct question rated on a 4-point scale with the choice statements: 'none', 'elementary', 'secondary' and 'univ.-tech'.

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tr>
<td>O-SLu/g/sq/v/3/a</td>
<td>r=+.14, p&lt;.01</td>
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<tr>
<td></td>
<td>tc=+.12, p&lt;.01</td>
<td></td>
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<tr>
<td></td>
<td>Dyx=+.1, p&lt;.01</td>
<td></td>
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</table>
### Study

**SNYDE 1974**

*Reported in:* Snyder, E.E. & Spreitzer, E.A.  
Involvement in sports and psychological well-being  

*Population:* Adult, general public, Toledo, Ohio, USA, 1973

*Sample:

<table>
<thead>
<tr>
<th>Non-Response</th>
<th>46%</th>
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<tr>
<td>N</td>
<td>510</td>
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### Measured Correlate

*Class:* Level of school-education  
Code: E 1.2.1

*Measurement:

*Measured Values:

*Error Estimates:

*Remarks:

### Observed Relation with Happiness

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<th>Statistics</th>
<th>Remarks</th>
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<tr>
<td>O-HL/u/sq/v/3/a</td>
<td>G=-.08</td>
<td></td>
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<tr>
<td>O-SLL/c/sq/v/3/a</td>
<td>G=-.04</td>
<td></td>
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</table>
Study | SPREI 1974
--- | ---
Reported in: | Spreitzer, E. & Snyder, E.E.
Correlates of life satisfaction among the aged.
Population: | 18+ aged, married or widowed, USA, 1972-73
Sample: | 
Non-Response: | -
N: | 1547

Measured Correlate

Class: | Level of school-education
Code: | E 1.2.1

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/3/a</td>
<td>r=+.10 p&lt;.01</td>
<td>Unaffected by S.E.S. and sexe.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Under age 65: r = +.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Above age 65: r = +.15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The difference is not significant.</td>
</tr>
</tbody>
</table>
### Study

**Spruijt, E.**
Stepfamily lifestyles and Adolescent well-being in the Netherlands

**Population:** 12 - 24 aged children of divorce, 1992, The Netherlands

**Sample:** Probability systematic sample

**Non-Response:** 26.1%

**N:** 114

### Measured Correlate

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:** not reported

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/u/sq/l/11/a | Beta=+.0 ns | Beta controlled for:  
- stepfamily lifestyle (traditionalism)  
- time since (step)family formation  
- stepmother/stepfather family  
- frequency of contact with nonresident parent  
- social class stepfamily  
- sex |
Findings on Happiness & EDUCATION

Correlate Code: E 1

---

**Study**

**STACK1998**

**Reported in:** Stack, S & Ross Esheleman, J

Marital Status and Happiness: A 17 Nation Study.

Journal of Marriage and the Family, vol. 60, 527-536

**Population:** 18+ aged, 17 first world nations, 1981-1983

**Sample:** Probability multi-stage cluster sample

**Non-Response:** nr

**N:** 18.000

---

**Measured Correlate**

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** What is the highest educational level, that you have obtained ?

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>Beta=+.0 ns</td>
<td>All</td>
</tr>
</tbody>
</table>

Beta controlled for

- sexe
- age
- church attendance
- parental status
- nation

---

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### Study

**STAPE 1987**

*Reported in:* Stapel, J.

Kundigheden en geluk (Abilities and happiness)

Unpublished paper NIPO, Institute for Public Opinion Research, (NIPO)
Amsterdam, The Netherlands, 1987

**Population:** 18+ aged, general public, non-institutionalized, The Netherlands, 1987

**Sample:**

**Non-Response:**

*N:* 825

### Measured Correlate

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** School or study finished at age
1 14 or younger
2 15
3 16
4 17
5 18-21
6 22+

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-FH/u/sq/v/3/a</td>
<td>G=+.18 p&lt;.01</td>
<td>Almost linear: those who left school at age 14 are least happy and those at age 18-21 happiest. Ss who finished education after age 22 are slightly less happy than those finished at age 18-21.</td>
</tr>
<tr>
<td></td>
<td>G=+.18 p&lt;.01</td>
<td></td>
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</tbody>
</table>
### Study

<table>
<thead>
<tr>
<th>TIMME 1997/1</th>
</tr>
</thead>
</table>

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, France, 1990

**Sample:**

**Non-Response:** 1002

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

- 1 <12 years
- 2 13 years
- 3 14 years
- 4 15 years
- 5 16 years
- 6 17 years
- 7 18 years
- 8 19 years
- 9 20 years
- 10 21+ years

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>DM=+</td>
<td></td>
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</tbody>
</table>

1  
2  
3  
4  
5  
6  
7  
8  Empty category  
9  
10  

$r=+.19$  $p<.001$

$tc=+.15$  $p<.001$
### Findings on Happiness & EDUCATION

Correlate Code: E 1

Beta =+.1 p<.001  β controlled for sex, age, and household income

<table>
<thead>
<tr>
<th>O-HL/u/sq/v/4/a</th>
<th>DM=+</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>M=3.11  Mt =7.0</td>
</tr>
<tr>
<td>2</td>
<td>M=3.08  Mt =6.9</td>
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<tr>
<td>3</td>
<td>M=3.03  Mt =6.8</td>
</tr>
<tr>
<td>4</td>
<td>M=3.00  Mt =6.7</td>
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<tr>
<td>5</td>
<td>M=3.05  Mt =6.8</td>
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<tr>
<td>6</td>
<td>M=3.22  Mt =7.3</td>
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<tr>
<td>7</td>
<td>M=3.23  Mt =7.4</td>
</tr>
<tr>
<td>8</td>
<td>Empty category</td>
</tr>
<tr>
<td>9</td>
<td>M=3.26  Mt =7.5</td>
</tr>
<tr>
<td>10</td>
<td>M=3.27  Mt =7.6</td>
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</tbody>
</table>

- $r=+.15$ p<.001
- $tc=+.11$ p<.001

Beta =+.0 ns  β controlled for sex, age, and household income

<table>
<thead>
<tr>
<th>O-SLW/c/sq/n/10/aa</th>
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<tbody>
<tr>
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<td>M=7.18  Mt =6.9</td>
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<tr>
<td>2</td>
<td>M=6.57  Mt =6.2</td>
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<tr>
<td>3</td>
<td>M=6.51  Mt =6.1</td>
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<td>4</td>
<td>M=5.84  Mt =5.4</td>
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<tr>
<td>5</td>
<td>M=6.53  Mt =6.1</td>
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<tr>
<td>6</td>
<td>M=6.99  Mt =6.7</td>
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<tr>
<td>7</td>
<td>M=6.99  Mt =6.7</td>
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<tr>
<td>8</td>
<td>Empty category</td>
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<tr>
<td>9</td>
<td>M=6.91  Mt =6.6</td>
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<tr>
<td>10</td>
<td>M=6.99  Mt =6.7</td>
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</table>

- $r=+.08$ p<.001
- $tb=+.05$ p<.001

Beta =+.0 ns  β controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Study

**TIMME 1997/2**

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Britain, 1990

*Sample:

*Non-Response:

*N: 1484

**Measured Correlate**

*Class: Level of school-education  Code: E 1.2.1*

*Measurement: Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1  <12 years
2  13 years
3  14 years
4  15 years
5  16 years
6  17 years
7  18 years
8  19 years
9  20 years
10  21+ years

*Measured Values:

*Error Estimates:

*Remarks:

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>DM=+</td>
<td></td>
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<tr>
<td>1</td>
<td>M= .74</td>
<td>Mt=5.7</td>
</tr>
<tr>
<td>2</td>
<td>M=1.24</td>
<td>Mt=6.2</td>
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<td>3</td>
<td>M=1.13</td>
<td>Mt=6.1</td>
</tr>
<tr>
<td>4</td>
<td>M=1.41</td>
<td>Mt=6.4</td>
</tr>
<tr>
<td>5</td>
<td>M=1.61</td>
<td>Mt=6.6</td>
</tr>
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<td>6</td>
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<td>Mt=7.3</td>
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<tr>
<td>9</td>
<td>M=2.02</td>
<td>Mt=7.0</td>
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<tr>
<td>10</td>
<td>M=2.33</td>
<td>Mt=7.3</td>
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</table>

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### Findings on Happiness & EDUCATION 

<table>
<thead>
<tr>
<th>DM=+</th>
<th>M</th>
<th>Mt</th>
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<tbody>
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<td>1</td>
<td>74</td>
<td>5.7</td>
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<td>2</td>
<td>1.24</td>
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<td>3</td>
<td>1.13</td>
<td>6.1</td>
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<td>6.6</td>
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<td>7.1</td>
</tr>
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<td>7</td>
<td>2.27</td>
<td>7.3</td>
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<tr>
<td>8</td>
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<td>-</td>
</tr>
<tr>
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<td>2.33</td>
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</tr>
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\[ r = +.19 \quad p < .001 \]
\[ r = +.19 \quad p < .001 \]
\[ tc = +.14 \quad p < .001 \]
\[ tc = +.14 \quad p < .001 \]

\[ \beta_{controlled \ for \ sex, \ age, \ and \ household \ income} = +.1 \quad p < .001 \]

**O-HL/u/sq/v/4/a**

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<tr>
<td>10</td>
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<td>7.7</td>
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\[ r = +.01 \quad ns \]
\[ r = +.01 \quad ns \]
\[ tc = +.01 \quad ns \]
\[ tc = +.01 \quad ns \]

\[ \beta_{controlled \ for \ sex, \ age, \ and \ household \ income} = -.0 \quad ns \]

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 177 of 364
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\[ r=+.00 \quad ns \]
\[ r=+.00 \quad ns \]
\[ tb=-.02 \quad ns \]

\[ \beta \text{ controlled for sex, age, and household income} \]
Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, West Germany, 1990

Sample:

Non-Response:

N: 2201

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

A-BB/cm/mq/v/2/a DM=+ 1 Empty category
2 Empty category
3 M=1.05 Mt=6.1
4 M=1.29 Mt=6.3
5 M=1.41 Mt=6.4
6 M=1.65 Mt=6.7
7 M=1.81 Mt=6.8
8 Empty category
9 M=1.86 Mt=6.9
10 M=1.82 Mt=6.8
### Findings on Happiness & EDUCATION

**Correlate Code: E 1**

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**r=+.13 p<.001**

**tc=+.10 p<.001**

**Beta=.0 p<.01**

*β controlled for sex, age, and household income*

**O-HL/sq/v/4/a DM=+**

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**r=+.02 ns**

**tc=+.02 ns**

**Beta=-.0 p<.05**

*β controlled for sex, age, and household income*
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<tr>
<td>10</td>
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</table>

DM=+  
1 Empty category  
2 Empty category  
3 M=7.16 Mt=6.9  
4 M=7.08 Mt=6.8  
5 M=7.15 Mt=6.8  
6 M=7.20 Mt=6.9  
7 M=7.54 Mt=7.3  
8 Empty category  
9 M=7.45 Mt=7.2  
10 M=7.42 Mt=7.1

r=+.06 p<.001  
rb=+.06 p<.001  
tb=+.04 p<.01  
tb=+.04 p<.01

Beta=+.0 ns 8 controlled for sex, age, and household income  
Beta=+.0 ns 8 controlled for sex, age, and household income
Findings on Happiness & EDUCATION Correlate Code: E 1

**Single question:** “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

**Study**

**TIMME 1997/4**

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Italy, 1990

**Sample:**

**Non-Response:**

**N:** 2010

**Measured Correlate**

**Class:** Level of school-education Code: E 1.2.1

**Measurement:** Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

<table>
<thead>
<tr>
<th>Code</th>
<th>Age</th>
</tr>
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<tbody>
<tr>
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<td>15 years</td>
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<tr>
<td>5</td>
<td>16 years</td>
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<td>6</td>
<td>17 years</td>
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<td>7</td>
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</tr>
<tr>
<td>9</td>
<td>20 years</td>
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<tr>
<td>10</td>
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</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>1</td>
<td>M=1.08</td>
<td>Mt=6.1</td>
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<tr>
<td>2</td>
<td>M=1.47</td>
<td>Mt=6.5</td>
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<td>M=1.42</td>
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<td>M=0.86</td>
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$r$ = -.01 ns
$t_c$ = +.02 ns

<table>
<thead>
<tr>
<th></th>
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<td>controlled for sex, age, and household income</td>
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### O-HL/u/sq/v/4/a

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| r=-.06 | p<.01 |
| tc=-.04 | p<.01 |

### O-SLW/c/sq/n/10/aa

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| r=-.07 | p<.01 |
| tb=-.05 | p<.01 |

| Beta=-.1 p<.001 | controlled for sex, age, and household income |
### Study

**TIMME 1997/5**

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the World Values Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, The Netherlands, 1990

**Sample:**

**Non-Response:**

**N:** 1017

### Measured Correlate

**Class:** Level of school-education  **Code:** E 1.2.1

**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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<th>Age</th>
<th>Code</th>
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<td>14 years</td>
<td>3</td>
</tr>
<tr>
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</tr>
<tr>
<td>20 years</td>
<td>9</td>
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<tr>
<td>21+ years</td>
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**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**

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\[ r = +.14 \quad p < .01 \]
\[ tc = +.10 \quad p < .01 \]
Findings on Happiness & EDUCATION Correlate Code: E 1

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β controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Study TIMME 1997/6
Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997
Population: 18+ aged, general public, Denmark, 1990
Sample:
Non-Response: 1030

Measured Correlate
Class: Level of school-education Code: E 1.2.1
Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"
1 <12 years
2 13 years
3 14 years
4 15 years
5 16 years
6 17 years
7 18 years
8 19 years
9 20 years
10 21+ years

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

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r=+.11 p<.001
tc=+.05 p<.05
### Findings on Happiness & EDUCATION

Correlate Code: E 1

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*Beta=+.0 ns  controlled for sex, age, and household income

Beta=-.0 ns  controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Correlate Code: E 1

**Study**

TIMME 1997/7

Reported in: Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Belgium, 1990

Sample:

Non-Response:

N: 2792

---

**Measured Correlate**

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1 <12 years
2 13 years
3 14 years
4 15 years
5 16 years
6 17 years
7 18 years
8 19 years
9 20 years
10 21+ years

---

**Observed Relation with Happiness**

Happiness Query | Statistics | Remarks
--- | --- | ---
A-BB/cm/mq/v/2/a DM++ | | |
1 M=1.29 Mt=6.3 |
2 M= .81 Mt=5.8 |
3 M=1. 07 Mt=6.1 |
4 M=1. 18 Mt=6.2 |
5 M=1. 29 Mt=6.3 |
6 M=1. 66 Mt=6.7 |
7 M=1. 61 Mt=6.6 |
8 Empty category |
9 M=1. 55 Mt=6.5 |
10 M=1. 74 Mt=6.7 |
Findings on Happiness & EDUCATION

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$\text{DM=+}$

| M=+.11 | p<.001 |
| r=+.11 | p<.001 |
| tc=+.09 | p<.001 |

$\beta$ controlled for sex, age, and household income

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$\text{DM=+}$

| M=+.05 | p<.05 |
| r=+.05 | p<.05 |
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$\beta$ controlled for sex, age, and household income

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\( r=+.04 \) ns
\( r=+.04 \) ns
\( tb=+.02 \) ns
\( tb=+.02 \) ns

\( Beta=-.0 \) ns \( 8 \) controlled for sex, age, and household income
\( Beta=-.0 \) ns \( 8 \) controlled for sex, age, and household income
Findings on Happiness & EDUCATION  Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12  years
2   13  years
3   14  years
4   15  years
5   16  years
6   17  years
7   18  years
8   19  years
9   20  years
10  21+ years

TIMME 1997/8

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Spain, 1990

Sample:
Non-Response:
N: 4147

Measured Correlate

Class: Level of school-education  Code: E 1.2.1
Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"
1   <12  years
2   13  years
3   14  years
4   15  years
5   16  years
6   17  years
7   18  years
8   19  years
9   20  years
10  21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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Page in Report:
Findings on Happiness & EDUCATION  
Correlate Code: E 1

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\[ tc=+.14 \quad p<.001 \]
\[ tc=+.14 \quad p<.001 \]

\( \beta \) controlled for sex, age, and household income

\[ \beta=+.0 \quad p<.01 \]
\[ \beta=+.0 \quad p<.01 \]

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\[ tc=+.07 \quad p<.001 \]

\( \beta \) controlled for sex, age, and household income

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\[ \beta=+.0 \quad ns \]
### Findings on Happiness & EDUCATION

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**DM=+**

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**r=+.03**  ns

**r=+.03**  ns

**tb=+.02**  ns

**tb=+.02**  ns

**Beta=-.0 ns**  *β controlled for sex, age, and household income*

**Beta=-.0 ns**  *β controlled for sex, age, and household income*
# Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

**Study**  
TIMME 1997/9  
**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  
**Population:** 18+ aged, general public, Ireland, 1990  
**Sample:**  
**Non-Response:** 1000  
**N:** 1000

## Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1  
**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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**Observed Relation with Happiness**

**Happiness Query**  
A-BB/cm/mq/v2/a

**Statistics**  
DM=+  

**Remarks**:  

### Findings on Happiness & EDUCATION

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\textit{Beta controlled for sex, age, and household income}

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r=+.07  ns
r=+.07  ns
tc=+.06  p<.01
tc=+.06  p<.01
tc=+.01  ns
tc=+.01  ns
Beta=+.0 ns  β controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Correlate Code: E 1

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$r=+.00$ ns
$r=+.00$ ns
$r=+.06$ ns
$r=+.06$ ns
$t_c=+.02$ ns
$tb=+.03$ ns

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 197 of 364
Findings on Happiness & EDUCATION

Correlate Code: E 1

- $t_b = +.03 \text{ ns}$
- $\beta = +.0 \text{ ns} \quad \text{controlled for sex, age, and household income}$
- $\beta = -+.0 \text{ ns} \quad \text{controlled for sex, age, and household income}$
- $\beta = -.0 \text{ ns} \quad \text{controlled for sex, age, and household income}$
Findings on Happiness & EDUCATION  
Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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TIMME '97/10

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, N. Ireland, 1990
Sample: Non-probability accidental sample
Non-Response: N: 304

Measured Correlate

Class: Level of school-education  Code: E 1.2.1
Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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Observed Relation with Happiness

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
### Findings on Happiness & EDUCATION

**Correlate Code: E 1**

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- $r=+.20$  $p<.001$
- $r=+.13$  $p<.001$
- $tc=+.10$  $p<.001$
- $tc=+.16$  $p<.001$
- $\beta$ controlled for sex, age, and household income

### O-HL/u/sq/v/4/a

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- $r=+.02$  $ns$
- $r=+.17$  $p<.01$
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- $\beta$ controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Correlate Code: E1

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O-SLW/c/sq/n/10/aa  DM=+

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DM=+

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- \( r=+.06 \)  \( p<.001 \)
- \( r=-.02 \)  \( \text{ns} \)
- \( \text{tb}=+.04 \)  \( p<.01 \)
- \( \text{tb}=-.03 \)  \( \text{ns} \)
- \( \beta=+.0 \)  \( \text{ns} \)
- \( \beta=+.0 \)  \( \beta \text{ controlled for sex, age, and household income} \)

\( \beta \text{ controlled for sex, age, and household income} \)
Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12 years  
2   13 years  
3   14 years  
4   15 years  
5   16 years  
6   17 years  
7   18 years  
8   19 years  
9   20 years  
10  21+ years

Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, USA, 1990
Sample:
Non-Response: 1839

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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Observed Relation with Happiness

Happiness Query | Statistics | Remarks
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### Findings on Happiness & EDUCATION

#### Correlate Code: E 1

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| r=+.19 | p<.001 |
| r=+.19 | p<.001 |
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| tc=+.07 | p<.001 |
| tc=+.14 | p<.001 |
| tc=+.14 | p<.001 |
| tc=+.07 | p<.001 |

**Beta=+.0 p<.01** controlled for sex, age, and household income

**Beta=+.1 p<.001** controlled for sex, age, and household income

**Beta=+.0 p<.01** controlled for sex, age, and household income

**Beta=+.1 p<.001** controlled for sex, age, and household income
### Findings on Happiness & EDUCATION

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*Beta controlled for sex, age, and household income*
### Findings on Happiness & EDUCATION

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<tr>
<td></td>
<td>10  M=7.55      Mt=7.3</td>
</tr>
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| r=+.00 | ns |
| r=+.08 | p<.01 |
| r=+.00 | ns |
| r=+.08 | p<.01 |
| tb=+.04 | p<.05 |
| tb=+.04 | p<.05 |
Findings on Happiness & EDUCATION

Correlate Code: E 1

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Findings on Happiness & EDUCATION  Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1  <12 years  
2  13 years  
3  14 years  
4  15 years  
5  16 years  
6  17 years  
7  18 years  
8  19 years  
9  20 years  
10  21+ years

TIMME '97/12


Population: 18+ aged, general public, Canada, 1990

Sample:

Non-Response: 1730

Measured Correlate

Class: Level of school-education  Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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A-BB/cm/mq/v/2/a  DM=+  

r=+.08 p<.001  
tc=+.06 p<.001
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| Beta=+.0 ns | b c o n t r o l l e d  f o r  s e x ,  a g e ,  a n d  h o u s e h o l d  i n c o m e |

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| Beta=+.03 ns | b c o n t r o l l e d  f o r  s e x ,  a g e ,  a n d  h o u s e h o l d  i n c o m e |

| Beta=-.0 ns | b c o n t r o l l e d  f o r  s e x ,  a g e ,  a n d  h o u s e h o l d  i n c o m e |
Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1   <12  years
2   13  years
3   14  years
4   15  years
5   16  years
6   17  years
7   18  years
8   19  years
9   20  years
10  21+ years

TIMME '97/13

Measured Correlate

Class: Level of school-education  Code: E 1.2.1

Measurement: Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

Population: 18+ aged, general public, Japan, 1990

Sample:

Non-Response: 1011

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query    Statistics
A-BB/cm/mq/v2/a    DM=

1   M= .00  Mt=5.0
2   M= .07  Mt=5.1
3   M= .32  Mt=4.7
4   M= .19  Mt=5.2
5   M= .38  Mt=5.4
6   M= .28  Mt=5.3
7   M= .38  Mt=5.4
8   M= .71  Mt=5.7
9   M= .73  Mt=5.7
10  M= .50  Mt=5.5

### Findings on Happiness & EDUCATION

Correlate Code: E 1

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**DM=+**

- \( r=+.10 \) **p<.001**
- \( r=-.01 \) ns
- \( tc=+.02 \) ns
- \( tc=+.00 \) ns

\( \beta \) controlled for sex, age, and household income

### O-HL/u/sq/v4/a

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**DM=+**

- \( r=-.06 \) **p<.01**
- \( r=+.06 \) **p<.01**
- \( tc=-.04 \) **p<.01**
- \( tc=-.02 \) ns

\( \beta \) controlled for sex, age, and household income

---

Findings on Happiness & EDUCATION

Correlate Code: E 1

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**DM=+**

- \( r=-.06 \) **p<.01**
- \( r=+.06 \) **p<.01**
- \( tc=-.04 \) **p<.01**
- \( tc=-.02 \) ns

\( \beta \) controlled for sex, age, and household income
### Findings on Happiness & EDUCATION

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- $r = -.07, p < .01$
- $r = +.04, p < .05$
- $tb = -.05, p < .01$
- $tb = +.02, ns$

Beta controlled for sex, age, and household income

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & EDUCATION

**Study** TIMME '97/14

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Mexico, 1990

*Sample:

*Non-Response:* 1531

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

*Measured Values:

*Error Estimates:

Remarks:

**Observed Relation with Happiness**

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r=+.13  p<.001

tc=+.09  p<.001
### Findings on Happiness & EDUCATION

**Correlate Code: E 1**

Beta = .0 p < .01

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r = .09 p < .01
tc = .07 p < .01

Beta =+.0 ns

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r = .14 p < .001
tb = .09 p < .001

Beta =+.1 p < .001

© controlled for sex, age, and household income
**Findings on Happiness & EDUCATION**

**Study**

**TIMME '97/15**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

*Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997*

**Population:** 18+ aged, general public, South Africa, 1990

**Sample:**

**Non-Response:**

*N:* 2736

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**Measured Correlate**

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:**

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

**Measured Values:**

**Error Estimates:**

Remarks:

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**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>DM=</td>
<td></td>
</tr>
</tbody>
</table>

1. $M=-.98$, $Mt=4.0$
2. $M=+.01$, $Mt=5.0$
3. $M=.60$, $Mt=5.6$
4. Empty category
5. Empty category
6. $M=1.33$, $Mt=6.3$
7. $M=2.23$, $Mt=7.2$
8. Empty category
9. $M=2.47$, $Mt=7.5$
10. $M=2.65$, $Mt=7.7$

$r=+.35$, $p<.001$

$t=+.27$, $p<.001$

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**Beta=+.2 p<.001** controlled for sex, age, and household income

|   | M=4.55  | M=5.25  | M=5.75  | Empty category | Empty category | M=6.07  | M=7.14  | Empty category | M=7.37  | M=7.64  |
|---|---------|---------|---------|                     |                     | Mt=3.9  | Mt=5.6  |                     | Mt=7.1  | Mt=7.4  |

**r=+.28 p<.001**
**tc=+.24 p<.001**

---
Findings on Happiness & EDUCATION

Study

TIMME '97/16

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Hungary, 1990

Sample:

Non-Response: 999

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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<thead>
<tr>
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<th>Code</th>
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<tr>
<td>20 years</td>
<td>9</td>
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<tr>
<td>21+ years</td>
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</table>

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics |
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<tr>
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<th>Statistics</th>
<th>Remarks</th>
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<td>2</td>
<td>M=.26</td>
<td>Mt=5.3</td>
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<tr>
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<td>M=.62</td>
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<td>M=.78</td>
<td>Mt=5.8</td>
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<td>M=.58</td>
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<td>M=.93</td>
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r=+.22 p<.001
tc=+.16 p<.001

World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & EDUCATION

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<th>M</th>
<th>Mt</th>
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Beta controlled for sex, age, and household income.
Findings on Happiness & EDUCATION

**Study**

**TIMME '97/17**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Portugal, 1990

*Sample:

*Non-Response:*

**N:** 1185

**Measured Correlate**

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1  <12 years  
2  13 years  
3  14 years  
4  15 years  
5  16 years  
6  17 years  
7  18 years  
8  19 years  
9  20 years  
10  21+ years

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Query</th>
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\[ r=+.09 \quad \text{ns} \]
\[ tc=+.07 \quad \text{p}<.05 \]
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Beta controlled for sex, age, and household income
**Study**

**TIMME '97/18**

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Norway, 1990

**Sample:**

**Non-Response:** 1239

**Measured Correlate**

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

<table>
<thead>
<tr>
<th>Code</th>
<th>Age</th>
</tr>
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<tr>
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<td>9</td>
<td>20 years</td>
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<tr>
<td>10</td>
<td>21+ years</td>
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</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

**Happiness Query**  
O-HL/c/sq/v/3/bc

<table>
<thead>
<tr>
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<th>Remarks</th>
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<td>Less than 10 Ss</td>
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<tr>
<td>3</td>
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<td>Mean = 1.88  Mean = 6.9</td>
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<td>Mean = 2.69  Mean = 7.7</td>
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<td>Mean = 2.37  Mean = 7.4</td>
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<td>Mean = 2.22  Mean = 7.2</td>
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<tr>
<td>10</td>
<td>Mean = 2.55  Mean = 7.5</td>
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</table>

$r = +.14$  
$p < .001$

$tc = +.10$  
$p < .001$
Findings on Happiness & EDUCATION  

Correlate Code: E 1

Beta=+.1 p<.001

O-HL/u/sq/v/4/a DM=+  
1       M=3.57     Mt=8.6  
2       M=3.44     Mt=8.1  
3       M=3.31     Mt=7.7  
4       M=3.19     Mt=7.3  
5       M=3.27     Mt=7.6  
6       M=3.34     Mt=7.8  
7       M=3.29     Mt=7.6  
8       Empty category  
9       M=3.29     Mt=7.6  
10      M=3.31     Mt=7.7

O-HL/u/sq/v/4/a DM=+  
1       M=3.57     Mt=8.6  
2       M=3.44     Mt=8.1  
3       M=3.31     Mt=7.7  
4       M=3.19     Mt=7.3  
5       M=3.27     Mt=7.6  
6       M=3.34     Mt=7.8  
7       M=3.29     Mt=7.6  
8       Empty category  
9       M=3.29     Mt=7.6  
10      M=3.31     Mt=7.7

DM=+  
1       Less than 10 Ss
2       Less than 10 Ss
3       M=3.15     Mt=7.2
4       M=3.18     Mt=7.3
5       M=3.23     Mt=7.4
6       M=3.29     Mt=7.6
7       M=3.27     Mt=7.6
8       M=3.05     Mt=6.8
9       M=3.23     Mt=7.4
10      M=3.25     Mt=7.5

r=+.05 ns  
r=+.01 ns  
tc=+.01 ns  
tc=+.03 ns

Beta=-.0 ns  
Beta=-.0 ns

ß controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa DM=+  
1       Less than 10 Ss
2       Less than 10 Ss
3       M=7.44     Mt=7.2
4       M=7.52     Mt=7.2
5       M=7.83     Mt=7.6
6       M=7.97     Mt=7.7
7       M=7.84     Mt=7.6
8       M=7.50     Mt=7.2
9       M=7.65     Mt=7.4
10      M=7.71     Mt=7.5

DM=+  
1       M=7.56     Mt=7.3
2       M=7.59     Mt=7.3
3       M=7.56     Mt=7.3
4       M=7.31     Mt=7.0
5       M=7.47     Mt=7.2
6       M=7.71     Mt=7.5
7       M=7.26     Mt=7.0
8       Empty category  
9       M=7.27     Mt=7.0
10      M=7.55     Mt=7.3

r=+.00 ns
r=+.03 ns
<table>
<thead>
<tr>
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<th>Value</th>
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Findings on Happiness & EDUCATION  

**Study**  
TIMME '97/19  

**Reported in:**  
Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:**  
18+ aged, general public, Sweden, 1990

**Sample:**  

**Non-Response:**  
N: 1047

---

## Measured Correlate

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:**  
Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"  
1. <12 years  
2. 13 years  
3. 14 years  
4. 15 years  
5. 16 years  
6. 17 years  
7. 18 years  
8. 19 years  
9. 20 years  
10. 21+ years

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

## Observed Relation with Happiness

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 223 of 364
### Findings on Happiness & EDUCATION

**Correlate Code: E 1**

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- \( tc=+.06 \) \( p<.001 \)

\( \beta \) controlled for sex, age, and household income

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- \( r=+.05 \) \( ns \)
- \( tc=+.02 \) \( ns \)
- \( tc=+.02 \) \( ns \)

\( \beta \) controlled for sex, age, and household income

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- \( r=+.05 \) \( ns \)
- \( tc=+.02 \) \( ns \)
- \( tc=+.02 \) \( ns \)

\( \beta \) controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Correlate Code: E 1

O-SLW/c/sq/n/10/aa  DM=+

1 Empty category
2 Empty category
3 M=7.16 Mt=6.9
4 M=7.08 Mt=6.8
5 M=7.15 Mt=6.8
6 M=7.20 Mt=6.9
7 M=7.54 Mt=7.3
8 Empty category
9 M=7.45 Mt=7.2
10 M=7.42 Mt=7.1

DM=+

1 Less than 10 Ss
2 M=8.17 Mt=8.0
3 M=7.98 Mt=7.8
4 M=7.91 Mt=7.7
5 M=7.76 Mt=7.5
6 M=7.76 Mt=7.5
7 M=7.95 Mt=7.7
8 M=8.05 Mt=7.8
9 M=7.84 Mt=7.6
10 M=8.06 Mt=7.8

r=+.06  p<.001
r=+.04  ns
tb=+.04  p<.01
tb=+.02  ns

Beta=+.0 ns  β controlled for sex, age, and household income
Beta=+.0 ns  β controlled for sex, age, and household income
Findings on Happiness & EDUCATION

STUDY TIMME '97/21

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Iceland 1990

Sample:
Non-Response:
N: 702

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"
1 <12 years
2 13 years
3 14 years
4 15 years
5 16 years
6 17 years
7 18 years
8 19 years
9 20 years
10 21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v2/a DM=

1 Less than 10 Ss
2 M=2.14 Mt=7.1
3 M=2.16 Mt=7.2
4 M=1.90 Mt=6.9
5 M=2.48 Mt=7.5
6 M=2.86 Mt=7.9
7 M=2.97 Mt=8.0
8 M=2.26 Mt=7.3
9 M=2.43 Mt=7.4
10 M=2.67 Mt=7.7

r=+.10 p<.05
tc=+.06 p<.05
| O-HL/u/sq/v/4/a DM=+ | 1 Less than 10 Ss | M=3.43 | Mt =8.1 |
| | 2 | M=3.35 | Mt =7.8 |
| | 3 | M=3.23 | Mt =7.4 |
| | 4 | M=3.41 | Mt =8.2 |
| | 5 | M=3.45 | Mt =8.0 |
| | 6 | M=3.41 | Mt =8.0 |
| | 7 | M=3.38 | Mt =7.9 |
| | 8 | M=3.37 | Mt =7.9 |

\[ r=-.01 \text{ ns} \]
\[ tc=-.02 \text{ ns} \]

| O-SLW/c/sq/n/10/aa DM= | 1 Less than 10 Ss | M=8.57 | Mt =8.4 |
| | 2 | M=8.07 | Mt =7.9 |
| | 3 | M=7.70 | Mt =7.4 |
| | 4 | M=8.16 | Mt =8.0 |
| | 5 | M=7.84 | Mt =7.6 |
| | 6 | M=7.76 | Mt =7.5 |
| | 7 | M=8.27 | Mt =8.1 |
| | 8 | M=7.86 | Mt =7.6 |
| | 9 | M=8.00 | Mt =7.8 |

\[ r=-.04 \text{ ns} \]
\[ tb=-.04 \text{ ns} \]

Beta=+.0 ns \( \beta \) controlled for sex and age
Findings on Happiness & EDUCATION

Correlate Code: E 1

Study

TIMME '97/22

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Argentina, 1990

Sample:

Non-Response:

N: 1002

Measured Correlate

Class: Level of school-education  Code: E 1.2.1

Measurement:

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1 <12 years
2 13 years
3 14 years
4 15 years
5 16 years
6 17 years
7 18 years
8 19 years
9 20 years
10 21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cm/mq/v2/a  DM=+  r=+.09 p<.01
tc=+.07 p<.01

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 228 of 364
Findings on Happiness & EDUCATION

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r=+.08  p<.05

tc=+.06  p<.05

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r=+.03  ns

tb=+.01  ns

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Findings on Happiness & EDUCATION

**Study**

**TIMME '97/23**

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Finland, 1990

*Sample:*

*Non-Response:*

*N:* 588

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”
1  <12 years
2  13 years
3  14 years
4  15 years
5  16 years
6  17 years
7  18 years
8  19 years
9  20 years
10  21+ years

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

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World Database of Happiness: www.eur.nl/fsw/research/happiness

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## Findings on Happiness & EDUCATION

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*DM*=

\[ r = .19 \quad p < .001 \]

\[ r = .01 \quad ns \]

\[ tc=+.01 \quad ns \]

\[ tc=+.14 \quad p < .001 \]

\[ \text{Beta} = +.1 \quad p < .001 \]

\[ \text{Beta} = +.0 \quad ns \]

### O-HL/u/sq/v/4/a

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</table>

**DM**+=

\[ r = +.01 \quad ns \]

\[ r = +.07 \quad ns \]

\[ tc=+.01 \quad ns \]

\[ tc=+.03 \quad ns \]

\[ \text{Beta} = +.0 \quad ns \]

\[ \text{Beta} = -.0 \quad ns \]

\[ \text{Beta} \text{ controlled for sex, age, and household income} \]
| O-SLW/c/sq/n/10/aa | DM=+ | 1 | Empty category | 2 | Empty category | 3 | Empty category | 4 | M=7.63 | Mt=7.4 | 5 | M=7.61 | Mt=7.3 | 6 | M=7.45 | Mt=7.2 | 7 | M=7.80 | Mt=7.6 | 8 | M=7.69 | Mt=7.4 | 9 | M=7.57 | Mt=7.3 | 10 | M=7.73 | Mt=7.5 |
|---------------------|------|---|-----------------|---|-----------------|---|-----------------|---|-------|--------|---|-------|--------|---|-------|--------|---|-------|--------|---|-------|--------|
| DM=+                |      | 1 | M=7.56          | Mt=7.3 | 2 | M=7.59          | Mt=7.3 | 3 | M=7.56          | Mt=7.3 | 4 | M=7.31          | Mt=7.0 | 5 | M=7.47          | Mt=7.2 | 6 | M=7.71          | Mt=7.5 | 7 | M=7.26          | Mt=7.0 | 8 | Empty category | 9 | M=7.27          | Mt=7.0 | 10 | M=7.55         | Mt=7.3 |

- r=+.03  ns
- r=+.00  ns
- tb=+.03  ns
- Beta=+.0 ns controlled for sex, age, and household income
- Beta=+.0 ns controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Correlate Code: E 1

---

**Study**| **TIMME '97/25**
---|---
**Reported in:**| Timmermans, D.
**Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991**
**Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997**
**Population:**| 18+ aged, general public, Poland, 1990
**Sample:**| 
**Non-Response:**| 938
**N:**| 938

---

**Measured Correlate**

**Class:**| Level of school-education  
**Code:**| E 1.2.1

**Measurement:**

- Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”
- 1 <12 years
- 2 13 years
- 3 14 years
- 4 15 years
- 5 16 years
- 6 17 years
- 7 18 years
- 8 19 years
- 9 20 years
- 10 21+ years

---

**Observed Relation with Happiness**

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<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
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<td>Mt=6.4</td>
</tr>
</tbody>
</table>

- r=-.00  
- tc=-.01  

---

World Database of Happiness: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)
Findings on Happiness & EDUCATION  

<table>
<thead>
<tr>
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Beta = 0 ns  

**O-HL/u/sq/v/4/a**  
DM = +  

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<th>M t</th>
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</table>

r = +.09  \( p < .01 \)  
tc = +.05  \( p < .05 \)

Beta = +.0 ns  

**O-SLW/c/sq/n/10/aa**  
DM = +  

<table>
<thead>
<tr>
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<th>M</th>
<th>M t</th>
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</tr>
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<td>6</td>
<td>6.86</td>
<td>6.5</td>
</tr>
<tr>
<td>7</td>
<td>6.55</td>
<td>6.2</td>
</tr>
<tr>
<td>8</td>
<td>6.90</td>
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</tr>
<tr>
<td>10</td>
<td>6.66</td>
<td>6.3</td>
</tr>
</tbody>
</table>

r = +.03  \( n s \)  
tb = +.01  \( n s \)

Beta = -.0 ns  

\[ \text{Beta controlled for sex, age, and household income} \]
Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

TIMME '97/28

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Brazil 1990

Sample:
Non-Response:
N: 1782

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”
1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

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

1  M=1.16 Mt=6.2
2  M=1.50 Mt=6.5
3  M=.61 Mt=5.6
4  M=1.62 Mt=6.6
5  M=1.21 Mt=6.2
6  M=1.56 Mt=6.6
7  M=1.88 Mt=6.9
8  Less than 10 Ss
9  M=1.06 Mt=6.1
10 Less than 10 Ss

### Findings on Happiness & EDUCATION Correlate Code: E 1

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</tbody>
</table>

* DM=+  
  * r=+.06  p<.05  
  * r=+.13  p<.001  
  * tc=+.10  p<.001  
  * tc=+.03  p<.05  
  * Beta=+.0 ns  
  * Beta=+.0 ns  

**O-HL/u/sq/v4/a**

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<td>Less than 10 Ss</td>
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* DM=  
  * r=+.02  ns  
  * r=+.03  ns  
  * tc=+.02  ns  
  * tc=+.02  ns  
  * Beta=+.0 ns  
  * Beta=.0 p<.05  

* Beta controlled for sex, age, and household income
<table>
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r=+.06 p<.001
r=-.03 ns
tb=+.04 p<.01
tb=+.04 p<.01

Beta=+.0 ns β controlled for sex, age, and household income
Beta=-.0 ns β controlled for sex, age, and household income
### Study TIMME '97/29

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged general public, Nigeria, 1990

**Sample:**

**Non-Response:**

**N:** 1001

### Measured Correlate

**Class:** Level of school-education  
Code: E 1.2.1

**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

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<td>21+ years</td>
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### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

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<th>Statistics</th>
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r=-.04 ns
tc=-.02 ns
### Findings on Happiness & EDUCATION

**Correlate Code: E 1**

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$r=-.10$  $p<.05$

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$r=-.06$  $ns$

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**Beta=-.0 ns**  \(\beta\) controlled for sex, age, and household income
**Study**  
**TIMME '97/30**  
**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  
**Population:** 18+ aged, general public, Chile 1990  
**Sample:**  
**Non-Response:**  
**N:** 1500  

**Measured Correlate**  
**Class:** Level of school-education  
**Code:** E 1.2.1  
**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"  
1. <12 years  
2. 13 years  
3. 14 years  
4. 15 years  
5. 16 years  
6. 17 years  
7. 18 years  
8. 19 years  
9. 20 years  
10. 21+ years  

**Measured Values:**  
**Error Estimates:**  
**Remarks:**  

**Observed Relation with Happiness**  
**Happiness Query**  
A-BB/cm/mq/v/2/a  
**Statistics**  
DM=+  
**Remarks**  
1. M=.64 Mt=5.6  
2. M=.37 Mt=5.4  
3. M=1.22 Mt=6.2  
4. M=.72 Mt=5.7  
5. M=1.20 Mt=6.2  
6. M=1.16 Mt=6.2  
7. M=1.19 Mt=6.2  
8. M=1.25 Mt=6.3  
9. M=.98 Mt=6.0  
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tc=+.06 p<.01
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Beta=.0 ns  
Beta controlled for sex, age, and household income

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Beta=.0 ns  
Beta controlled for sex, age, and household income

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Findings on Happiness & EDUCATION  

**Study**  
TIMME '97/31  

**Reported in:**  
Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  

**Population:**  
18+ aged, general public, Belarus, 1990  

**Sample:**  

**Non-Response:**  
1015  

**Measured Correlate**  

**Class:**  
Level of school-education  

**Measurement:**  
Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"  
1 <12 years  
2 13 years  
3 14 years  
4 15 years  
5 16 years  
6 17 years  
7 18 years  
8 19 years  
9 20 years  
10 21+ years  

**Measured Values:**  

**Error Estimates:**  

**Remarks:**  

**Observed Relation with Happiness**  

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r=-.01 ns  
tc=.01 ns  

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 242 of 364
Findings on Happiness & EDUCATION
Correlate Code: E 1

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Beta=-.0 ns (controlled for sex, age, and household income)

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Findings on Happiness & EDUCATION Correlate Code: E 1

**Study**

**TIMME '97/32**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged general public, India, 1990

*Sample:*

*Non-Response:*

*N:* 2500

---

**Measured Correlate**

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

---

**Observed Relation with Happiness**

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Print date: 7-2-2003

World Database of Happiness: www.eur.nl/fsw/research/happiness Page 244 of 364
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\[ r=+.12 \quad p<.001 \]
\[ r=+.19 \quad p<.001 \]
\[ r=+.19 \quad p<.001 \]
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\[ \text{Beta}=+.1 \quad p<.001 \quad \text{Beta controlled for sex, age, and household income} \]
\[ \text{Beta}=+.1 \quad p<.001 \quad \text{Beta controlled for sex, age, and household income} \]
\[ \text{Beta}=+.0 \quad p<.01 \quad \text{Beta controlled for sex, age, and household income} \]
\[ \text{Beta}=+.1 \quad p<.001 \quad \text{Beta controlled for sex, age, and household income} \]
Findings on Happiness & EDUCATION

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| 2 | M=3.18 | M=3.18 | M=3.27 |
| 3 | M=3.33 | M=3.33 | M=3.34 |
| 4 | M=3.15 | M=3.15 | M=3.29 |
| 5 | M=3.29 | M=3.29 | M=3.30 |
| 6 | M=3.15 | M=3.15 | M=3.27 |
| 7 | M=3.30 | M=3.30 | M=3.34 |
| 8 |       |       | Empty category |
| 9 | M=3.31 | M=3.31 | M=3.29 |
| 10| M=3.28 | M=3.28 | M=3.31 |

$r=+.01$ ns
$r=+.04$ ns
$r=+.06$ p<.05
$r=+.01$ ns
$tc=+.04$ p<.05
$tc=+.02$ ns
$tc=+.01$ ns
$tc=+.01$ ns

Beta=-.0 ns

ß controlled for sex, age, and household income
|      | O-SLW/c/sq/n/10/aa | DM|=+     | DM|=+     | DM|=+     |
|------|-------------------|---------|---------|---------|
| 1    | M=5.93            | Mt=5.5  | M=7.56  | M=7.27  |
| 2    | M=6.72            | Mt=6.4  | M=7.59  | M=7.31  |
| 3    | M=5.95            | Mt=5.5  | M=7.56  | M=7.76  |
| 4    | M=6.31            | Mt=5.9  | M=7.56  | M=7.56  |
| 5    | M=6.24            | Mt=5.8  | M=7.31  | M=7.60  |
| 6    | M=7.56            | Mt=7.3  | M=7.47  | M=7.43  |
| 7    | M=6.89            | Mt=6.5  | M=7.71  | M=7.67  |
| 8    | M=7.22            | Mt=6.9  |         | M=7.64  |
| 9    | M=6.21            | Mt=5.8  |         | M=8.10  |
| 10   | M=6.63            | Mt=6.3  |         | M=7.84  |

Beta=+.0 ns controlled for sex, age, and household income
Beta=-.0 ns controlled for sex, age, and household income
Beta=+.0 ns controlled for sex, age, and household income

|      | DM|=+     | DM|=+     | DM|=+     |
|------|---------|---------|---------|
| 1    | M=7.56  | Mt=7.3  | M=7.56  | M=7.27  |
| 2    | M=7.59  | Mt=7.3  | M=7.59  | M=7.31  |
| 3    | M=7.56  | Mt=7.3  | M=7.56  | M=7.76  |
| 4    | M=7.31  | Mt=7.0  | M=7.47  | M=7.43  |
| 5    | M=7.71  | Mt=7.5  | M=7.51  | M=7.67  |
| 6    | M=7.26  | Mt=7.0  | M=7.64  | M=7.4  |
| 7    | Empty category | M=7.0 |
| 8    | Empty category | M=7.3 |
| 9    | Empty category | M=7.0 |
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r=+.00 ns
r=+.08 p<.01
r=+.12 p<.001
r=+.00 ns
tb=+.04 p<.05
tb=+.10 p<.001
Findings on Happiness & EDUCATION

Correlate Code: E 1

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Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"
1   <12  years
2   13  years
3   14  years
4   15  years
5   16  years
6   17  years
7   18  years
8   19  years
9   20  years
10  21+ years

Study TIMME '97/33
Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997
Population: 18+ aged, general public, Czechoslovakia, 1990
Sample:
Non-Response: 1396

Measured Correlate
Class: Level of school-education Code: E 1.2.1
Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"
1   <12  years
2   13  years
3   14  years
4   15  years
5   16  years
6   17  years
7   18  years
8   19  years
9   20  years
10  21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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r=+.05  ns
tc=+.03  p<.05

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 249 of 364
Findings on Happiness & EDUCATION

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1. Less than 10 Ss
2. Less than 10 Ss
3. M=2.48 Mt=4.9
4. M=2.63 Mt=5.4
5. M=2.54 Mt=5.1
6. M=2.71 Mt=5.7
7. M=2.70 Mt=5.7
8. M=2.71 Mt=5.7
9. M=2.59 Mt=5.3
10. M=2.79 Mt=6.0

r=+.12 p<.001
tc=+.09 p<.001

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1. Less than 10 Ss
2. Less than 10 Ss
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4. M=6.33 Mt=5.9
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6. M=6.52 Mt=6.1
7. M=6.20 Mt=5.8
8. M=6.30 Mt=5.9
9. M=5.95 Mt=5.5
10. M=6.58 Mt=6.2

r=+.04 ns
tb=+.03 ns

Beta=+.0 ns

 controlled for sex, age, and household income
Findings on Happiness & EDUCATION

**Study**

TIMME '97/34

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, East Germany, 1990

**Sample:**

**Non-Response:**

N: 1336

**Measured Correlate**

**Class:** Level of school-education  Code: E 1.2.1

**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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r=+.08 p<.01

jc=+.05 p<.01
Findings on Happiness & EDUCATION

Correlate Code: E 1

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r=+.05 ns
tc=+.03 ns

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r=-.02 ns
tb=-.01 ns

Beta=-.0 ns 8 controlled for sex, age, and household income
Findings on Happiness & EDUCATION

**Study**

**TIMME '97/35**

*Reported in:* Timmermans, D.

*Population:* 18+ aged, general public, Slovenia, 1990

*Sample:*

*Non-Response:*

*N:* 1035

**Measured Correlate**

*Class:* Level of school-education  Code: E 1.2.1

*Measurement:* Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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r=+.12  p<.001

tc=+.07  p<.001

Findings on Happiness & EDUCATION Correlate Code: E 1

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Findings on Happiness & EDUCATION

**Measures Correlates**: TIMME '97/36

**Study**

Reported in: Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Bulgaria, 1990

Sample:

Non-Response:

N: 1034

**Measured Correlate**

Class: Level of school-education

Code: E 1.2.1

Measurement:

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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r=+.05   ns

tc=+.05   p<.05
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r=+.03 ns

rb=+.02 ns

Beta=-.0 ns controlled for sex, age, and household income
Findings on Happiness & EDUCATION

Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12  years
2   13  years
3   14  years
4   15  years
5   16  years
6   17  years
7   18  years
8   19  years
9   20  years
10  21+ years

Measures Correlate

Class: Level of school-education  Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12  years
2   13  years
3   14  years
4   15  years
5   16  years
6   17  years
7   18  years
8   19  years
9   20  years
10  21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cm/mq/v2/a  DM=

1  M= .49  Mt=5.5
2  M=.12  Mt=4.9
3  M=.90  Mt=5.9
4  M=1.14  Mt=6.1
5  M=.70  Mt=5.7
6  M=.89  Mt=5.9
7  M=.50  Mt=5.5
8  M=.64  Mt=5.6
9  M=.70  Mt=5.7
10 M=.94  Mt=5.9

tc=.04  p<.05

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 257 of 364
Findings on Happiness & EDUCATION

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Beta = +.0 ns, controlled for sex, age, and household income

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Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsj/research/happiness
Findings on Happiness & EDUCATION

Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Observed Relation with Happiness

Happiness Query | Statistics | Remarks |
-----------------|------------|---------|
A-BB/cm/mq/v2/a  | DM=+       |         |

1   M=1.80      Mt=6.8
2   M=1.94      Mt=6.9
3   M=.41       Mt=5.4
4   M=1.26      Mt=6.3
5   M=1.92      Mt=6.9
6   M=1.17      Mt=6.2
7   M=1.11      Mt=6.1
8   M=1.24      Mt=6.2
9   M=1.25      Mt=6.3
10  M=1.42      Mt=6.4

r=-.01 ns
tc=-.00 ns
Findings on Happiness & EDUCATION  
Correlate Code: E 1

| Beta=+.0 ns |  |  
|-------------|---|---|
| O-HL/u/sq/v/4/a | DM=+ |  
| 1 | M=2.77 | Mt=5.9 |
| 2 | M=2.89 | Mt=6.3 |
| 3 | M=2.75 | Mt=5.8 |
| 4 | M=2.89 | Mt=6.3 |
| 5 | M=2.76 | Mt=5.9 |
| 6 | M=3.03 | Mt=6.8 |
| 7 | M=2.80 | Mt=6.0 |
| 8 | M=3.21 | Mt=7.4 |
| 9 | M=2.87 | Mt=6.2 |
| 10 | M=2.98 | Mt=6.6 |

r=+.07 p<.05  
tc=+.06 p<.01

| Beta=+.0 ns |  |  
|-------------|---|---|
| O-HL/u/sq/v/4/b | DM=+ |  
| 1 | M=7.54 | Mt=7.3 |
| 2 | M=7.31 | Mt=7.0 |
| 3 | M=6.89 | Mt=6.5 |
| 4 | M=7.55 | Mt=7.3 |
| 5 | M=7.34 | Mt=7.0 |
| 6 | M=7.10 | Mt=6.8 |
| 7 | M=6.49 | Mt=6.1 |
| 8 | M=6.92 | Mt=6.6 |
| 9 | M=6.69 | Mt=6.3 |
| 10 | M=7.01 | Mt=6.7 |

r=-.08 p<.01  
tb=-.07 p<.01

| Beta=+.0 ns |  |  
|-------------|---|---|

β controlled for sex, age, and household income
Findings on Happiness & EDUCATION

**Study**

**TIMME '97/42**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Austria, 1990

**Sample:**

**Non-Response:**

**N:** 1460

**Measured Correlate**

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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<th>Statistics</th>
<th>Remarks</th>
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\( r = +.06 \)  \( p < .05 \)

\( t c = +.05 \)  \( p < .01 \)
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r=+.03 ns
tc=+.03 ns

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r=+.03 ns
tb=+.02 ns

Beta=+.0 ns  β controlled for sex, age, and household income
Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1 <12 years
2 13 years
3 14 years
4 15 years
5 16 years
6 17 years
7 18 years
8 19 years
9 20 years
10 21+ years

Study TIMME '97/44

Reported in: Timmermans, D.

Population: 18+ aged general public, Turkey, 1990

Sample:

Non-Response: 1030

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: “At what age did you or will you complete your full time education, either at school or at an institution of higher education?”

1 <12 years
2 13 years
3 14 years
4 15 years
5 16 years
6 17 years
7 18 years
8 19 years
9 20 years
10 21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v2/a DM=+ 1 M= .74 Mt=5.7
2 M=1.24 Mt=6.2
3 M=1.13 Mt=6.1
4 M=1.41 Mt=6.4
5 M=1.61 Mt=6.6
6 M=2.14 Mt=7.1
7 M=2.27 Mt=7.3
8 Empty category
9 M=2.02 Mt=7.0
10 M=2.33 Mt=7.3

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 263 of 364
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\[ r=+.19 \quad p<.001 \]
\[ r=+.10 \quad p<.01 \]
\[ tc=+.07 \quad p<.01 \]
\[ tc=+.14 \quad p<.001 \]

Beta=+.1 p<.001 8 controlled for sex, age, and household income

Beta=+.0 ns

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\[ r=+.01 \quad ns \]
\[ r=-.04 \quad ns \]
\[ tc=-.04 \quad ns \]
\[ tc=+.01 \quad ns \]

Beta=-.0 ns 8 controlled for sex, age, and household income

Beta=-.0 ns 8 controlled for sex, age, and household income
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**Correlation coefficients (r):**
- r=+.01 ns
- r=+.00 ns
- tb=+.01 ns

**Beta coefficients (β):**
- Beta=-.0 ns  β controlled for sex, age, and household income
- Beta=-.0 ns  β controlled for sex, age, and household income
Study: TIMME '97/46

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Lithuania, 1990

Sample:

Non-Response: N = 1000

Measured Correlate

Class: Level of school-education  Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"
1. <12 years
2. 13 years
3. 14 years
4. 15 years
5. 16 years
6. 17 years
7. 18 years
8. 19 years
9. 20 years
10. 21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics
A-BB/cm/mq/v/2/a DM=

1. Empty category
2. M = .65  Mt = 5.6
3. M = .44  Mt = 5.4
4. M = .20  Mt = 4.8
5. M = .52  Mt = 5.5
6. M = .31  Mt = 5.3
7. M = .91  Mt = 5.9
8. M = .56  Mt = 5.6
9. M = .42  Mt = 5.4
10. M = .63  Mt = 5.6

r = +.02  ns
tc = +.01  ns
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<td>r</td>
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<tr>
<td>t</td>
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Beta controlled for sex, age, and household income

1. Empty category
2. M = 2.25 Mt = 4.9
3. M = 2.42 Mt = 4.7
4. M = 2.37 Mt = 4.6
5. M = 2.33 Mt = 4.4
6. M = 2.53 Mt = 5.1
7. M = 2.67 Mt = 5.6
8. M = 2.56 Mt = 5.2
9. M = 2.53 Mt = 5.1
10. M = 2.54 Mt = 5.1

1. Empty category
2. M = 5.97 Mt = 5.5
3. M = 6.25 Mt = 5.8
4. M = 5.30 Mt = 4.8
5. M = 6.41 Mt = 6.0
6. M = 5.86 Mt = 5.4
7. M = 6.27 Mt = 5.9
8. M = 6.18 Mt = 5.8
9. M = 5.47 Mt = 5.0
10. M = 5.98 Mt = 5.5
### Study

**TIMME '97/47**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Latvia, 1990

**Sample:**

**Non-Response:** 903

### Measured Correlate

**Class:** Level of school-education **Code:** E 1.2.1

**Measurement:** Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

<table>
<thead>
<tr>
<th>Age</th>
<th>Count</th>
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<tbody>
<tr>
<td>&lt;12 years</td>
<td>1</td>
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<tr>
<td>13 years</td>
<td>2</td>
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<tr>
<td>14 years</td>
<td>3</td>
</tr>
<tr>
<td>15 years</td>
<td>4</td>
</tr>
<tr>
<td>16 years</td>
<td>5</td>
</tr>
<tr>
<td>17 years</td>
<td>6</td>
</tr>
<tr>
<td>18 years</td>
<td>7</td>
</tr>
<tr>
<td>19 years</td>
<td>8</td>
</tr>
<tr>
<td>20 years</td>
<td>9</td>
</tr>
<tr>
<td>21+ years</td>
<td>10</td>
</tr>
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</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v2/a</td>
<td>DM=</td>
<td></td>
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<table>
<thead>
<tr>
<th>Count</th>
<th>M</th>
<th>Mt</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1.29</td>
<td>6.3</td>
</tr>
<tr>
<td>3</td>
<td>1.10</td>
<td>6.1</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>.39</td>
<td>5.4</td>
</tr>
<tr>
<td>6</td>
<td>.49</td>
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<td>.97</td>
<td>6.0</td>
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<td>5.9</td>
</tr>
<tr>
<td>10</td>
<td>1.00</td>
<td>6.0</td>
</tr>
</tbody>
</table>

r = +.02  ns
tc = +.03  ns
### Findings on Happiness & EDUCATION

Correlate Code: E 1

**Beta=+.0 ns**  
β controlled for sex, age, and household income

**O-HL/u/sq/v/4/a**  
DM=

<table>
<thead>
<tr>
<th>Category</th>
<th>M</th>
<th>Mt</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Empty category</td>
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</tr>
<tr>
<td>2 Less than 10 Ss</td>
<td>2.35</td>
<td>4.5</td>
</tr>
<tr>
<td>3 Less than 10 Ss</td>
<td>2.48</td>
<td>4.9</td>
</tr>
<tr>
<td>4 Less than 10 Ss</td>
<td>2.53</td>
<td>5.1</td>
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</tbody>
</table>

\[ r=+.06 \text{ ns} \]

\[ tc=+.04 \text{ p<.05} \]

**Beta=+.0 ns**  
β controlled for sex, age, and household income

**O-SLW/c/sq/n/10/aa**  
DM=

<table>
<thead>
<tr>
<th>Category</th>
<th>M</th>
<th>Mt</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<td>5.4</td>
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<tr>
<td>3 Less than 10 Ss</td>
<td>5.48</td>
<td>5.0</td>
</tr>
<tr>
<td>4 Less than 10 Ss</td>
<td>5.49</td>
<td>5.0</td>
</tr>
<tr>
<td>5 Less than 10 Ss</td>
<td>5.76</td>
<td>5.3</td>
</tr>
<tr>
<td>6 Less than 10 Ss</td>
<td>5.28</td>
<td>4.8</td>
</tr>
<tr>
<td>7 Less than 10 Ss</td>
<td>5.67</td>
<td>5.2</td>
</tr>
<tr>
<td>8 Less than 10 Ss</td>
<td>5.72</td>
<td>5.2</td>
</tr>
</tbody>
</table>

\[ r=-.02 \text{ ns} \]

\[ tb=+.01 \text{ ns} \]
Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1   <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v2/a DM=+ 1 Empty category
2 M= .92 Mt=5.9
3 M= .58 Mt=5.6
4 M= .38 Mt=5.4
5 M= .32 Mt=5.3
6 M= .86 Mt=5.9
7 M= .99 Mt=6.0
8 M= .86 Mt=5.9
9 M= .31 Mt=5.3
10 M= .80 Mt=5.8

r=+.02 ns
tc=+.00 ns

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 270 of 364
Findings on Happiness & EDUCATION  

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>DM</th>
<th>Beta</th>
<th>r</th>
<th>tc</th>
<th>Notes</th>
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<tbody>
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<td>O-HL/u/sq/v/4/a</td>
<td>DM+</td>
<td>Beta=+.0 ns</td>
<td>r=+.06 ns</td>
<td>tc=+.03 ns</td>
<td>controlled for sex, age, and household income</td>
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<td>2 M=2.27 Mt=4.2</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
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<td></td>
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<td></td>
</tr>
<tr>
<td>4 M=2.46 Mt=4.9</td>
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<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>6 M=2.57 Mt=5.2</td>
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<td></td>
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</tr>
<tr>
<td>7 M=2.67 Mt=5.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 M=2.59 Mt=5.3</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9 M=2.51 Mt=5.0</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>10 M=2.60 Mt=5.3</td>
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<td>O-SLW/c/sq/n/10/aa</td>
<td>O-SLW/c/sq/n/10/aa</td>
<td>DM+</td>
<td>Beta=+.0 ns</td>
<td>r=-.02 ns</td>
<td>tc=-.02 ns</td>
<td>controlled for sex, age, and household income</td>
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</tr>
<tr>
<td>2 M=6.08 Mt=5.6</td>
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</tr>
<tr>
<td>3 M=5.36 Mt=4.8</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>4 M=6.06 Mt=5.6</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>5 M=6.21 Mt=5.8</td>
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<td></td>
</tr>
<tr>
<td>6 M=5.75 Mt=5.3</td>
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<td></td>
</tr>
<tr>
<td>7 M=6.29 Mt=5.9</td>
<td></td>
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</tr>
<tr>
<td>8 M=6.19 Mt=5.8</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9 M=5.68 Mt=5.2</td>
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<td></td>
</tr>
<tr>
<td>10 M=5.92 Mt=5.5</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1  <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

TIMME '97/50

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Russia, 1990

Sample:
Non-Response:
N: 1961

Measured Correlate

Class: Level of school-education Code: E 1.2.1

Measurement: Single question: "At what age did you or will you complete your full time education, either at school or at an institution of higher education?"

1  <12 years
2   13 years
3   14 years
4   15 years
5   16 years
6   17 years
7   18 years
8   19 years
9   20 years
10  21+ years

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a DM= 1  M=.04 Mt=5.0
2  M=.15 Mt=5.2
3  M=.09 Mt=5.1
4  M=.11 Mt=5.1
5  M=.29 Mt=5.3
6  M=.26 Mt=5.3
7  M=.30 Mt=5.3
8  M=.42 Mt=5.4
9  M=.09 Mt=4.9
10 M=.50 Mt=5.5

r=+.06 p<.01
tc=+.05 p<.001

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### Findings on Happiness & EDUCATION

#### Correlate Code: E 1

<table>
<thead>
<tr>
<th>Beta controlled for sex, age, and household income</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/u/sq/v/4/a DM=+</td>
</tr>
<tr>
<td>1       M=2.28     Mt =4.3</td>
</tr>
<tr>
<td>2       M=2.31     Mt =4.4</td>
</tr>
<tr>
<td>3       M=2.30     Mt =4.3</td>
</tr>
<tr>
<td>4       M=2.31     Mt =4.4</td>
</tr>
<tr>
<td>5       M=2.51     Mt =5.0</td>
</tr>
<tr>
<td>6       M=2.53     Mt =5.1</td>
</tr>
<tr>
<td>7       M=2.61     Mt =5.4</td>
</tr>
<tr>
<td>8       M=2.57     Mt =5.2</td>
</tr>
<tr>
<td>9       M=2.58     Mt =5.3</td>
</tr>
<tr>
<td>10      M=2.60     Mt =5.3</td>
</tr>
</tbody>
</table>

\[ r=+.13 \quad p<.001 \]

\[ tc=+.08 \quad p<.001 \]

---

<table>
<thead>
<tr>
<th>Beta controlled for sex, age, and household income</th>
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</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/10/aa DM=+</td>
</tr>
<tr>
<td>1       M=4.84      Mt =4.3</td>
</tr>
<tr>
<td>2       M=4.91      Mt =4.3</td>
</tr>
<tr>
<td>3       M=5.92      Mt =5.5</td>
</tr>
<tr>
<td>4       M=5.73      Mt =5.3</td>
</tr>
<tr>
<td>5       M=4.97      Mt =4.4</td>
</tr>
<tr>
<td>6       M=5.40      Mt =4.9</td>
</tr>
<tr>
<td>7       M=5.21      Mt =4.7</td>
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<tr>
<td>8       M=5.38      Mt =4.9</td>
</tr>
<tr>
<td>9       M=5.46      Mt =5.0</td>
</tr>
<tr>
<td>10      M=5.47      Mt =5.0</td>
</tr>
</tbody>
</table>

\[ r=+.03 \quad ns \]

\[ tb=+.02 \quad ns \]

---

### Beta=+.0 ns  

\( \beta \) controlled for sex, age, and household income
Findings on Happiness & EDUCATION

**Study**

**TOWNS 1981**

**Reported in:** Townsend, A.& Gurin, P.

Re-examining the frustrated homemaker hypothesis; Role-fit, personal satisfaction


**Population:** 18+ aged, white women, USA, 1972

**Sample:**

**Non-Response:**

**N:** 946

---

**Measured Correlate**

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:**

1: 0-8 grades  
2: 9-12 grades  
3: more than 12

---

**Measured Values:**

---

**Error Estimates:**

---

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-RA/h/sq/v/2/a</td>
<td>Beta=+.0 p&lt;.01</td>
<td>Controlled for role-fit (employed women and career-oriented homemakers vs home-oriented homemakers), marital status and age.</td>
</tr>
</tbody>
</table>

- 00-08 grades: Ma = 1.37  
- 09-12 grades: Ma = 1.34  
- more than 12: Ma = 1.24

Adjusted means (Ma) based on the dichotomy 1 = happy, 2 = not happy

- E²=0.10

- 1 - 9 grades: M = 1.62  
- 9 - 12 grades: M = 1.67  
- over 12 grades: M = 1.74

---

Beta=+.1 p<.001  
8 and Ma(adjusted Mean) are controlled for age, education and marital status.

- 1 - 9 grades: Ma = 1.63  
- 9 - 12 grades: Ma = 1.66  
- over 12 grades: Ma = 1.76

---

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Findings on Happiness & EDUCATION

Controlled for, role-fit (employed women and career-oriented homemakers vs home-oriented homemakers), marital status and age.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Adjusted Mean (Ma)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 - 08 grades</td>
<td>1.14</td>
</tr>
<tr>
<td>09 - 12 grades</td>
<td>1.11</td>
</tr>
<tr>
<td>More than 12 grades</td>
<td>1.06</td>
</tr>
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</table>

Adjusted means (Ma) based on the dichotomy 1 = happy, 2 = not happy

O-SLu/c/sq/v/3/b Beta=+.0 p<.01

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mean (M)</th>
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<tbody>
<tr>
<td>0 - 8 grades</td>
<td>1.86</td>
</tr>
<tr>
<td>9 - 12 grades</td>
<td>1.90</td>
</tr>
<tr>
<td>Over 12 grades</td>
<td>1.93</td>
</tr>
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</table>

E²=.00

Beta=+.1 p<.001

<table>
<thead>
<tr>
<th>Grade</th>
<th>Adjusted Mean (Ma)</th>
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<tbody>
<tr>
<td>1 - 9 grades</td>
<td>1.86</td>
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<tr>
<td>9 - 12 grades</td>
<td>1.89</td>
</tr>
<tr>
<td>Over 12 grades</td>
<td>1.94</td>
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</table>
### Findings on Happiness & EDUCATION Correlate Code: E 1

**Number of years of schooling and level of school education.**

**VEENH 1975**

*Reported in:* Veenhoven, R. & Bakker, P.  
*Schooleducation and psychological well-being*  
*Unpublished paper, 1975, Department of Sociology, Erasmus University Rotterdam, The Netherlands*


<table>
<thead>
<tr>
<th>Non-Response</th>
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<tbody>
<tr>
<td>34%</td>
<td>1534</td>
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</tbody>
</table>

---

**Measured Correlate**

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:* Number of years of schooling and level of school education.

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HP/g/sq/ol/7/a</td>
<td>G=-.12</td>
<td>p&lt;.05</td>
</tr>
</tbody>
</table>

*Unaffected by sex.*  
*Significant among young persons (G = -.16),*  
*among those of high S.E.S. (G = -.17) and*  
*among those who experienced a downward*  
*intergenerational mobility (G = -.24) only.*
Findings on Happiness & EDUCATION  Correlate Code: E 1

Study  VENTE 1995  Page in Report: 94
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: Level of school-education  Code: E 1.2.1
Measurement:
1: no post-secondary education (less than 13 years of schooling)
2: short post-secondary education (13-14 years)
3: intermediate post-secondary education (15-16 years)
4: long post-secondary education (more than 16 years)
 Measured Values: N: 1:553, 2:112, 3:137, 4:75
Error Estimates:
Remarks: Ss all had completed secondary education

Observed Relation with Happiness
Happiness Query  Statistics  Remarks
A-AOL/m/sq/v/5/a  r=.00  ns  1: Mt =7.83
   2: Mt =7.59
   3: Mt =7.78
   4: Mt =7.96
   All Mt =7.80
Ss all had completed secondary education
O-HL/c/sq/v/5/h  r=.02  ns  1: Mt =6.98
   2: Mt =6.61
   3: Mt =6.91
   4: Mt =6.94
   All Mt =6.93
O-SLu/c/sq/v/5/e  r=.01  ns  1: Mt =7.48
   2: Mt =7.24
   3: Mt =7.50
   4: Mt =7.56
   All Mt =7.45

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Findings on Happiness & EDUCATION

**Study**

**VENTE 1996**

*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:*
Level of school-education  Code: E 1.2.1

*Measurement:*
type of completed vocational education
a: non-vocational
b: pedagogical (child-care, teaching)
c: the humanities
d: administration, clerical, commerce
e: the sciences
f: industrial and the trades
g: agricultural, fisheries, food
h: transportation
i: health
j: public safety etc

*Measured Values:*
N: all:4542, %: 1:4,7, 2:7,5, 3:5,7, 4:35,4, 5:1,0, 6:24,9, 7:4,7, 8:2,5, 9:11,5, 10:2,2

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
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<td>a: Mt=7.59</td>
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<td>b: Mt=7.78</td>
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</tr>
<tr>
<td></td>
<td>c: Mt=7.78</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d: Mt=7.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e: Mt=7.34</td>
<td></td>
</tr>
<tr>
<td></td>
<td>f: Mt=7.88</td>
<td></td>
</tr>
<tr>
<td></td>
<td>g: Mt=7.74</td>
<td></td>
</tr>
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<td>h: Mt=7.95</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i: Mt=7.75</td>
<td></td>
</tr>
<tr>
<td></td>
<td>j: Mt=8.19</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

| O-HL/c/sq/v/5/h | a | Mt = 6.90 |
|                | b | Mt = 7.03 |
|                | c | Mt = 7.09 |
|                | d | Mt = 7.26 |
|                | e | Mt = 6.78 |
|                | f | Mt = 7.10 |
|                | g | Mt = 7.04 |
|                | h | Mt = 7.08 |
|                | i | Mt = 7.13 |
|                | j | Mt = 7.38 |

| O-SLu/c/sq/v/5/e | a | Mt = 7.34 |
|                 | b | Mt = 7.48 |
|                 | c | Mt = 7.53 |
|                 | d | Mt = 7.65 |
|                 | e | Mt = 7.50 |
|                 | f | Mt = 7.53 |
|                 | g | Mt = 7.66 |
|                 | h | Mt = 7.68 |
|                 | i | Mt = 7.53 |
|                 | j | Mt = 7.86 |
**Study**  
**VERKL 1989**

*Reported in:* Verkley, H. & Stolk, J.  
Does happiness lead into idleness?  

*Population:* 30-50 aged, in working force, followed 1 year, urban areas, Netherlands, 1983-84  

*Sample:*  

*Non-Response:* T1-T2 attrition: 27%  
N: 1100  

---

**Measured Correlate**  

*Class:* Level of school-education  
*Code:* E 1.2.1

*Measurement:*  

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

---

**Observed Relation with Happiness**  

*Happiness Query*  

*Statistics*  

*Remarks*  

<table>
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<tr>
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<tr>
<td>A-BB/cm/mq/v2/a</td>
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</table>
Findings on Happiness & EDUCATION Correlate Code: E 1

---

**Study**

**VEROF 1981**

- **Reported in:** Veroff, J.; Douvan, E.; Kulka, R.A.
  The Inner American, A Self-portrait from 1957 to 1976
  Basic Books, 1981, New York, USA

- **Population:** 21 aged, general public, non-institutionalized, USA, 1976

---

**Measured Correlate**

- **Class:** Level of school-education  Code: E 1.2.1
- **Measurement:**
  - Grade School
  - Some High School
  - High School Graduate
  - Some College
  - College Graduate

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
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<th>Statistics</th>
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<td>G=+.06</td>
<td>p&lt;.01</td>
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<tr>
<td></td>
<td>tc=+.03</td>
<td>p&lt;.05</td>
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</table>

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

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1  
**Measurement:**  
- Grade School  
- Some High School  
- High School Graduate  
- Some College  
- College Graduate

### Observed Relation with Happiness

<table>
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<tr>
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<th>Remarks</th>
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<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=-.29 p&lt;.01</td>
<td>1957</td>
</tr>
<tr>
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<td>tc=-.21 p&lt;.01</td>
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</tr>
<tr>
<td></td>
<td>G=-.17 p&lt;.01</td>
<td>1976</td>
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<tr>
<td></td>
<td>tc=-.11 p&lt;.01</td>
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</table>

% very happy:  
- Grade School 23 24  
- Some High School 30 24  
- High School Graduate 46 32  
- Some College 43 36  
- College Graduate 44 37

Effect persists after control for age and sex.
Findings on Happiness & EDUCATION

<table>
<thead>
<tr>
<th>Measured Correlate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class: Level of school-education Code: E 1.2.1</td>
</tr>
<tr>
<td>Measurement:</td>
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<td>Measured Values:</td>
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<td>Error Estimates:</td>
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<td>Remarks:</td>
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<table>
<thead>
<tr>
<th>Observed Relation with Happiness</th>
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</thead>
<tbody>
<tr>
<td>Happiness Query</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/ag</td>
</tr>
<tr>
<td>Married: $r = +.08$ (05)</td>
</tr>
<tr>
<td>Never-married: $r = +.16$ (05)</td>
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<tr>
<td>Divorced and widowed subjects left out</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

**Study**  
**WESSM 1956**

*Reported in:* Wessman, A.E.
A psychological inquiry into satisfaction and happiness

*Population:* 21+ aged, general public, non-institutionalized, USA, 1946

*Sample:* -

*Non-Response:* -

*N:* 2377

**Measured Correlate**

*Class:* Level of school-education  
Code: E 1.2.1

*Measurement:* No school or grammar school / high school / college

*Measured Values:*  

*Error Estimates:*  

*Remarks:*  

**Observed Relation with Happiness**

*Happiness Query*  
*Statistics*  
*Remarks*

O-HL/g/sq/v/3/c  
G=+.20  p<.01
Findings on Happiness & EDUCATION

Study: WHITE 1979

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: Level of school-education  Code: E 1.2.1

Measurement: years of school

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
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<th>Statistics</th>
<th>Remarks</th>
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<tr>
<td>O-HL/c/sq/v/3/ad r=</td>
<td>1:first marriage men  r = +.11  (05)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2:first marriage women  r = +.10  (05)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3:remarriage men  r = +.34  (05)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4:remarriage women  r = +.23  (ns)</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**WILKE 1978/1**

**Reported in:** Wilkening, E.A. & McGranahan, D.  
Correlates of Subjective Well-being in Northern Wisconsin  
Social Indicators Research, vol 5 (1978), p. 221-234

**Population:** 18+ aged, general public, NW Wisconsin-residents, USA, 1974

**Sample:** 
- **Non-Response:** 12%
- **N:** 1423

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:**
- 1: 8th grade or less  
- 2: some high school  
- 3: high school completed  
- 4: some college  
- 5: college degree

### Observed Relation with Happiness

**Happiness Query**  
**Statistics**

- O-SLW/u/sqt/v/7/a  
  - r = -.02  
  - ns

**Remarks**

- Beta = -0.0  
  - p < .05

8 controlled for 1+2+3+4+5:
- occupation, income, level of living.
- live alone, married, children, contact with relatives, contact with friends, church attendance, organizational membership.
- health problems, recent move, separated/divorced, unemployed.
- retired, widowed.
- urban living, rural living, female.

8 in different age groups:
- under 30: +.04 ns  
- 30-49: -.02 ns  
- 50-64: -.14 05  
- over 64: -.09 ns

**Beta = -.0 p < .05**

8 controlled for interaction with age: ns
### Study

**WILKE 1978/2**

**Reported in:** Wilkening, E.A. & McGranahan, D.
Correlates of Subjective Well-being in Northern Wisconsin.
Social Indicators Research, vol 5(1978) p.221-234

**Population:** 18+ aged, general public, non-institutionalized, Wisconsin, USA, 1974

**Sample:**

**Non-Response:**

N: 534

### Measured Correlate

**Class:** Level of school-education  
**Code:** E 1.2.1

**Measurement:**
1: 8th grade or less  
2: some high school  
3: high school completed  
4: some college  
5: college degree

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**

**Statistics**

**Remarks**

O-SLW/u/sq/v/7/a Beta=+.0 ns  
B controlled for occupation, income, live alone, married status, contact with relatives, contact with friends, church attendance, organization membership, separated / divorced, retired, widowed, place of residence, sexe, age.
### Study

**VENTE 1995**

_**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:**_ Educational specialization  
_**Code:**_ E 1.2.2

_**Measurement:**_
- a: non-vocational
- b: pedagogical (child-care, teaching)
- c: the humanities
- d: administration, clerical, commerce
- e: the sciences
- f: industrial and the trades
- g: agricultural, fisheries, food
- h: transportation
- i: health
- j: public safety etc


_**Error Estimates:**_

_**Remarks:**_ Ss all had completed secondary education

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
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<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td><strong>DMt=</strong></td>
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</tr>
<tr>
<td></td>
<td>a: Mt=7.69</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b: Mt=7.79</td>
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<td>c: Mt=7.86</td>
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<td>d: Mt=7.83</td>
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</tr>
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<td></td>
<td>e: Mt=8.75</td>
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</tr>
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<td></td>
<td>f: Mt=7.74</td>
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<td></td>
<td>g: Mt=7.63</td>
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<td>h: Mt=7.98</td>
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<td></td>
<td>i: Mt=7.56</td>
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<td>j: Mt=8.00</td>
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<tr>
<td></td>
<td>All Mt=7.76</td>
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</table>

_Ss all had completed secondary education_
Findings on Happiness & EDUCATION

Correlate Code: E 1

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

a: Mt = 7.31
b: Mt = 6.88
c: Mt = 6.83
d: Mt = 7.00
e: Mt = 6.25
f: Mt = 6.86
g: Mt = 6.89
h: Mt = 6.83
i: Mt = 6.83
j: Mt = 7.03
All Mt = 6.93

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

a: Mt = 7.19
b: Mt = 7.64
c: Mt = 7.34
d: Mt = 7.54
e: Mt = 7.50
f: Mt = 7.39
g: Mt = 7.31
h: Mt = 7.21
i: Mt = 7.26
j: Mt = 7.63
All Mt = 7.43
Study VENTE 1995

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: Educational specialization Code: E 1.2.2

Measurement: Completed vocational education
LEVEL I:
a1: non-vocational
b1: pedagogical (child-care, teaching)
c1: administration, clerical, commerce
d1: industrial and the trades
e1: agriculture, fisheries, food
f1: transportation
g1: health
h1: public safety etc
LEVEL II:
a2: pedagogical (child-care, teaching)
b2: the humanities
c2: administration, clerical, commerce
d2: industrial and the trades
e2: agriculture, fisheries, food
f2: transportation
g2: health
h2: public safety etc
LEVEL III:
a3: pedagogical (child-care, teaching)
b3: the humanities
c3: administration, clerical, commerce
d3: industrial and the trades
e3: transportation
f3: health
LEVEL IV:
a4: pedagogical (child-care, teaching)
b4: the humanities
c4: administration, clerical, commerce
d4: the sciences
e4: industrial and the trades
f4: agriculture, fisheries, food
g4: health
h4: public safety etc.

Findings on Happiness & EDUCATION

Correlate Code: E 1

level II: N: a:40, b:15, c:20, d:20, e:7, f:3, g:6, h:10
level IV: N: a:5, b:30, c:18, d:2, e:10, f:5, g:4, h:2

Error Estimates:

Remarks: Level 4 is best

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=</td>
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<tr>
<td>LEVEL I</td>
<td>LEVEL II</td>
<td>LEVEL III</td>
</tr>
<tr>
<td>a1: Ms=7.50</td>
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<td>b2: Ms=8.00</td>
<td>b4: Ms=7.66</td>
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<td>c4: Ms=8.48</td>
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<td>d4: Ms=8.75</td>
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<td>e1: Ms=7.34</td>
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<td>g1: Ms=7.63</td>
<td>g2: Ms=7.91</td>
<td>g4: Ms=8.75</td>
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<td>h1: Ms=7.81</td>
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<td>h4: Ms=8.75</td>
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<td>All 1=7.81</td>
<td>All 2=7.63</td>
<td>All 3=7.78</td>
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O-HL/c/sq/v/5/h | DMt= | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
<table>
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<tr>
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<td>a2: Ms=6.69</td>
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<td>b1: Ms=6.88</td>
<td>b2: Ms=7.50</td>
<td>b3: Ms=6.25</td>
<td>b4: Ms=6.84</td>
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<td>c2: Ms=6.63</td>
<td>c3: Ms=7.00</td>
<td>c4: Ms=7.09</td>
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<tr>
<td>d1: Ms=7.03</td>
<td>d2: Ms=6.00</td>
<td>d3: Ms=7.15</td>
<td>d4: Ms=6.25</td>
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<td>e1: Ms=6.85</td>
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<td>e3: Ms=7.50</td>
<td>e4: Ms=6.75</td>
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<td>f1: Ms=6.54</td>
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<td>f3: Ms=6.49</td>
<td>f4: Ms=7.50</td>
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<td>g1: Ms=6.96</td>
<td>g2: Ms=7.50</td>
<td>g4: Ms=6.88</td>
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<td>h1: Ms=7.50</td>
<td>h2: Ms=6.25</td>
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<td>All 2 =6.70</td>
<td>All 3 =6.94</td>
<td>All 4 =6.91</td>
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O-SLu/c/sq/v/5/e | DMt= | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
<table>
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<td>b2: Ms=7.66</td>
<td>b3: Ms=6.75</td>
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<td>c4: Ms=7.64</td>
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<td>d2: Ms=6.75</td>
<td>d3: Ms=7.68</td>
<td>d4: Ms=7.50</td>
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<tr>
<td>e1: Ms=7.26</td>
<td>e2: Ms=7.14</td>
<td>e3: Ms=7.50</td>
<td>e4: Ms=7.25</td>
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<td>f1: Ms=6.73</td>
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<td>f3: Ms=6.95</td>
<td>f4: Ms=8.50</td>
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</tr>
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<td>g1: Ms=7.38</td>
<td>g2: Ms=7.91</td>
<td>g4: Ms=7.50</td>
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</tr>
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<td>h1: Ms=7.19</td>
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<td>All =7.51</td>
<td>All =7.56</td>
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</table>

Findings on Happiness & EDUCATION

**Study**  
VENTE 1996  
*Reported in:* Ventegodt, S.  
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)  

**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:* Educational specialization  
*Code:* E 1.2.2  

**Measurement:** Completed vocational education  
**LEVEL I:**  
- a1: non-vocational  
- b1: pedagogical (child-care, teaching)  
- c1: administration, clerical, commerce  
- d1: industrial and the trades  
- e1: agriculture, fisheries, food  
- f1: transportation  
- g1: health  
- h1: public safety etc  

**LEVEL II:**  
- a2: pedagogical (child-care, teaching)  
- b2: the humanities  
- c2: administration, clerical, commerce  
- d2: industrial and the trades  
- e2: agriculture, fisheries, food  
- f2: transportation  
- g2: health  
- h2: public safety etc  

**LEVEL III:**  
- a3: pedagogical (child-care, teaching)  
- b3: the humanities  
- c3: administration, clerical, commerce  
- d3: industrial and the trades  
- e3: transportation  
- f3: health  

**LEVEL IV:**  
- a4: pedagogical (child-care, teaching)  
- b4: the humanities  
- c4: administration, clerical, commerce  
- d4: the sciences  
- e4: industrial and the trades  
- f4: agriculture, fisheries, food  
- g4: health  
- h4: public safety etc.  

**Measured Values:**  
**LEVEL I:** All:2048; %: a1:2.5; b1:0.7; c1:40.2; d1:33.8; e1:6.8; f1:3.1;
Findings on Happiness & EDUCATION  
Correlate Code: E 1

LEVEL II: All: 549; %: a2: 35; b2: 12; c2: 22; d2: 11; e2: 3; f2: 5; g2: 6; h2: 6
LEVEL III: All: 440; %: a3: 23; b3: 12; c3: 15; d3: 17; e3: 1; f3: 32;
LEVEL IV: All: 380; a4: 2; b4: 26; c4: 24; d4: 8; e4: 18; f4: 5; g4: 16; h4: 6

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
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<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
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<td>a1: Mt = 7.30</td>
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<tr>
<td></td>
<td>b1: Mt = 7.84</td>
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<td>c1: Mt = 7.86</td>
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<td></td>
<td>d1: Mt = 7.90</td>
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<td></td>
<td>e1: Mt = 7.65</td>
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<td>f1: Mt = 7.94</td>
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<td>g1: Mt = 7.70</td>
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<td>f2: Mt = 8.16</td>
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<td>g2: Mt = 8.29</td>
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<td>c3: Mt = 7.93</td>
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<td>f3: Mt = 7.71</td>
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<td>a4: Mt = 8.13</td>
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<td>b4: Mt = 7.58</td>
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<td>c4: Mt = 8.34</td>
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<td>f4: Mt = 8.43</td>
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<td>g4: Mt = 7.59</td>
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<td></td>
<td>h4: Mt = 9.06</td>
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O-HL/c/sq/v/5/h

|                  | a1: Mt = 6.28 |
|                  | b1: Mt = 7.00 |
|                  | c1: Mt = 7.10 |
|                  | d1: Mt = 7.10 |
|                  | e1: Mt = 6.94 |
|                  | f1: Mt = 7.06 |
|                  | g1: Mt = 7.18 |
|                  | h1: Mt = 7.14 |
Findings on Happiness & EDUCATION

Correlate Code: E 1

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

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/sw/research/happiness
Findings on Happiness & EDUCATION

Study

MITCH 1972/2

Reported in: Mitchell, R.E.
Levels of emotional strain in Southeast Asian cities
Asian Folklore & social life monographs, The Orient culturalServic 1972, Taipei, Formosa

Population: 18+ aged, general public, Hong Kong, South East Asia, 1967

Sample:

Non-Response: 21%


Measured Correlate

Class: Attitudes to one’s education Code: E 1.3

Measurement: Single direct question: "Having received a fairly high level of schooling compared with others, would you say that you: exceed others/about the same as others/ fall short of others?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/4/a G=-.13 p<.01 Figures based on half of the sample.
U-shaped
Findings on Happiness & EDUCATION

**Study**

**BACHM 1970**

*Reported in:* Bachman, J.G./Kahn, R.L./Mednick, M./Davidson, T.N.

*Population:* Public highschool boys followed 3 years from grade 10, USA, 1966-69

*Sample:

*Non-Response:* 2.8% incomplete information in 1966

*N:* T1:2213, T2: 1886, T3: 1799

---

**Measured Correlate**

*Class:* Educational aspirations  
*Code:* E 1.3.1

*Measurement:* Open-ended question on future plans; other plans vs plan to enter post-high school education.

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>O-HP/g/mq/v/5/a</td>
<td>r=+.07</td>
<td>p&lt;.05</td>
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Study  
**BACHM 1978**

*Reported in:*  Bachman, J. G., O'Malley, P. M., Johnston, J.  
Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the lives  
Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978

*Population:*  Public highschool boys followed 8 years from grade 10, USA, 1966-74

*Sample:*
- Non-Response: 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5
- N: T1 - T5: 2213/1886/1799/1620/1628

*Measured Correlate*

*Class:*  Educational aspirations  
*Code:*  E 1.3.1

*Measurement:*  Respondent was asked a series of questions about his future plans at; if he replied he would go to college or graduate school in answer to any one of the questions, he was coded as having college plans. 0 = no college plans; 1 = college plans. Assessed at T1, T2 and T3

*Measured Values:*

*Error Estimates:*

*Remarks:*

*Observed Relation with Happiness*

<table>
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</thead>
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<td>College plans</td>
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<tr>
<td>Happiness</td>
<td>T1</td>
<td>T2</td>
</tr>
<tr>
<td>T1</td>
<td>= +.08 (05)</td>
<td>+.09 (05)</td>
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<td>T2</td>
<td>= +.04 (ns)</td>
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<td>T3</td>
<td>= +.01 (ns)</td>
<td>+.06 (ns)</td>
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<td>T4</td>
<td>= -.00 (ns)</td>
<td>+.02 (ns)</td>
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Findings on Happiness & EDUCATION

Study: ROSE 1955
Reported in: Rose, A.M.
Factors associated with the life satisfaction of middle class, middle aged persons.
Population: Married couples, middle aged, middle-class, USA, 1952
Sample:
Non-Response: 50 %
N: 416

Measured Correlate
Class: Educational aspirations Code: E 1.3.1
Measurement:
Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
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<td>O-SLu/g/sq/v/5/a</td>
<td>D%= -</td>
<td>p&lt;.05</td>
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</tbody>
</table>
Study  ROSE 1955

Reported in: Rose, A.M.
Factors associated with the life satisfaction of middle class, middle aged persons.
Population: Married couples, middle aged, middle-class, USA, 1952
Sample:
Non-Response: 50 %
N: 416

Measured Correlate
Class: Educational aspirations  Code: E 1.3.1

Measurement:

Measured Values:
Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
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<th>Remarks</th>
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<tr>
<td>O-SLu/g/sq/v/5/a</td>
<td>D%=- p&lt;.05</td>
<td>Among women 76 % of the relatively dissatisfied believe that further schooling would be desirable, whereas this is true of only 61 % of the very satisfied. Among men the comparable figures are 73 % and 55 % respectively.</td>
</tr>
</tbody>
</table>
**Study**  
**WESSM 1956**  

*Reported in:* Wessman, A.E.  
A psychological inquiry into satisfaction and happiness  

*Population:* 21+ aged, general public, non-institutionalized, USA, 1946

*Sample:*  
*Non-Response:*  
*N:* 2377

---

**Measured Correlate**

*Class:* Educational aspirations  
*Code:* E 1.3.1

*Measurement:* Open-ended question on unfulfilled aspirations, other aspirations vs aspirations mentioned.

*Measured Values:*  
*Error Estimates:*  
*Remarks:*  

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O- HL/g/sq/v/3/c</td>
<td>G = .06</td>
<td>p &lt; .01</td>
</tr>
</tbody>
</table>

*Computed for those having unfulfilled aspirations only (N = 1646).*

---

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## Findings on Happiness & EDUCATION

**Correlate Code: E 1**

### WESSM 1956

**Reported in:** Wessman, A.E.

*A psychological inquiry into satisfaction and happiness*


**Population:** 21+ aged, general public, non-institutionalized, USA, 1946

**Sample:**

**Non-Response:** -

**N:** 2377

### Measured Correlate

**Class:** Educational aspirations  
**Code:** E 1.3.1

**Measurement:** Open-ended question on desired personal changes,

0 other changes

1 change mentioned

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-HL/g/sq/v/3/c</td>
<td>G=-.14</td>
<td>Computed for those who desire life change only (N = 1591).</td>
</tr>
</tbody>
</table>
## Study

**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 education  Code: E 1.3.2

**Measurement:**

Closed question: “How do you feel about the usefulness, for you personally, of your education?”
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>r=+.33</td>
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</table>
### Study

**ANDRE 1976/5**  
**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 education  
**Code:** E 1.3.2  
**Measurement:**  
Closed question: How do you feel about the usefulness, for you personally, of your education?  
Rated on a 7-point scale: terrible/unhappymostly dissatisfied/mixedmostly satisfied/pleased/delighted

#### Observed Relation with Happiness

**Happiness Query**  
**Statistics**  
**Remarks**  
O-DT/u/sqt/v/7/a  
r=+.16
Findings on Happiness & EDUCATION Correlate Code: E 1

Question: How satisfied are you with amount of education received?
Rated on 7 point scale ranging from 'completely dissatisfied' to 'completely satisfied'.

BAKER 1976

Reported in: Baker, E.K.
Satisfaction with life-events to locus-of-control
Unpublished PhD dissertation, University of Wisconsin, Madison, USA, 1976

Population: 55+ aged males, USA, 1971
Sample:
Non-Response:
N: 200

Measured Correlate
Class: Satisfaction with education Code: E 1.3.2
Measurement: Question: How satisfied are you with amount of education received?
Rated on 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/u/sq/v/7/a r=+.32
Findings on Happiness & EDUCATION  
Correlate Code: E 1

Study  BAKER 1976  
Reported in: Baker, E.K.  
Satisfaction with life-events to locus-of-control  
Unpublished PhD dissertation, University of Wisconsin, Madison, USA, 1976  
Population: 55+ aged males, USA, 1971  
Sample:  
Non-Response:  
N: 200

Measured Correlate  
Class: Satisfaction with education  Code: E 1.3.2  
Measurement: Question: If you could do it over again, would you try to get an education that was different in any way from what you have?  
0 Yes  
1 No

Measured Values:  
Error Estimates:  
Remarks:  

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
O-SLW/u/sq/v/7/a  r=+.12
Findings on Happiness & EDUCATION

Reported in: Balatsky, G. & Diener, E.
Subjective well-being among Russian students.

Population: Students, Moscow and Glazov (Ural), Russia, 1990
Sample: Non-probability chunk sample
Non-Response: not reported
N: 116

Measured Correlate

Class: Satisfaction with education Code: E 1.3.2
 Measurement: Single question: "How do you feel about your education right now?" .
Rated on 7-point scale from:
1. Terrible........to
7. Delighted.

Measured Values: M= 3.87; SD= 1.28

Error Estimates:

Remarks:

Observed Relation with Happiness

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<td>r=+.38</td>
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<td>O-DT/u/sq/v/7/a</td>
<td>r=+.22</td>
<td>p &lt; .05</td>
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### Study

**BECKE 1984**

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 education  Code: E 1.3.2

**Measurement:** Single question:
"To what extent are you satisfied with your the opportunities generated by your education?"

0=very dissatisfied
1=dissatisfied
2=neither satisfied nor dissatisfied
3=satisfied
4=very satisfied

**Measured Values:**
M=2.6065
SD=0.9296

**Error Estimates:**

---

### Observed Relation with Happiness

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<td>working</td>
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<td></td>
<td>r=.12</td>
<td>unemployed</td>
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<tr>
<td></td>
<td>r=.29</td>
<td>disabled</td>
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</table>
Findings on Happiness & EDUCATION

Study  | BERNO 1985  | Page in Report: 40

- Reported in: Bernow, R
  Livskvalitet i Sverige. (Lifequality in Sweden)

- Population: 18-70 aged, general public, Sweden, 1982

- Sample:

- Non-Response: ?

- N: 1558

Measured Correlate

- Class: Satisfaction with education  Code: E 1.3.2

- Measurement: Single direct question

- Measured Values:

- Error Estimates:

- Remarks:

Observed Relation with Happiness

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### Study BHARA 1977

**Reported in:** Bharadwaj, L. & Wilkening, E.A.  
The prediction of perceived well-being  
Social Indicators Research, 1977, vol 4, 421-439

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

**Sample:**

**Non-Response:** 12%

**N:** 1423

### Measured Correlate

**Class:** Satisfaction with education  
Code: E 1.3.2

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

### Observed Relation with Happiness

<table>
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<tbody>
<tr>
<td>O-SLW/u/sqt/v/7</td>
<td>r=+.32</td>
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</table>

**Beta=ns**

All β's controlled for satisfaction with family-life, standard of living, work, health, spare time activities, income, community, housing, food, spiritual matters, organizational involvement, natural environment, national government.

<table>
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<th>AGE</th>
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<th>Remarks</th>
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<tr>
<td>under 30</td>
<td>$&lt;4000</td>
<td>β: +.10</td>
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<td>30-49</td>
<td>$4000-7999</td>
<td>β: +.06</td>
<td>ns</td>
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<tr>
<td>50-64</td>
<td>$8000-15999</td>
<td>β: +.06</td>
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<tr>
<td>over 65</td>
<td>$&gt;16000</td>
<td>β: +.06</td>
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Findings on Happiness & EDUCATION  

**Correlate Code: E 1**

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**Study**

<table>
<thead>
<tr>
<th>BRINK 1997C</th>
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</table>

**Reported in:** Brinkerhoff, M & Fredell, K & Frideres, J  
Basic minimum needs, Quality of life and selected correlates: explorations in villages  
Social Indicators Research,42, p 245-281

**Population:** Adult, general public, two poor rural villages, Garhwal area, Northern India, 1996

**Sample:** Non-probability purposive-quota sample

**Non-Response:** 341

**N:** not rep

---

**Measured Correlate**

**Class:** Satisfaction with education  
Code: E 1.3.2

**Measurement:** not reported

**Measured Values:**

**Error Estimates:**

**Remarks:**

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**Observed Relation with Happiness**

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<tr>
<td>O-SLu/?/sqf/5/a</td>
<td>r=+.16</td>
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Correlate Code: E 1

**Study**

**CAMPB 1981**

*Reported in:* Campbell, A.
The Sense of Well-Being in America

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

*Sample:

*Non-Response:* about 20 %

*N:* 3692

---

**Measured Correlate**

*Class:* Satisfaction with education  Code: E 1.3.2

*Measurement:* Single closed question on amount of satisfaction with education, rated on a 7-point scale ranging from completely dissatisfied to completely satisfied.

*Measured Values:

*Error Estimates:

*Remarks:

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**Observed Relation with Happiness**

*Happiness Query*  

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<tbody>
<tr>
<td>r=+.26</td>
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### Study

**HALL 1973**

**Reported in:** Hall, J.

Measuring the quality of life using sample surveys.


Amsterdam, The Netherlands.

**Population:** Adults, general public, Britain, 1971

**Sample:**

**Non-Response:**

**N:** 593

---

### Measured Correlate

**Class:** Satisfaction with education  
**Code:** E 1.3.2

**Measurement:** Question rated on a 7-point self-anchoring scale, based on Cantril (1965)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/l/7/a</td>
<td>$r = +.27$</td>
<td></td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 312 of 364
### Study

**HALL 1973**

- **Reported in:** Hall, J.
- **Population:** Adults, general public, Britain, 1971
- **Sample:**
- **Non-Response:**
- **N:** 593

### Measured Correlate

- **Class:** Satisfaction with education  
  Code: E 1.3.2
- **Measurement:** Question rated on a 7-point self-anchoring scale, based on Cantril (1965)

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/l/7/a</td>
<td>r=+.27</td>
<td></td>
</tr>
</tbody>
</table>

Measuring the quality of life using sample surveys.
Amsterdam, The Netherlands.

Amsterdam, The Netherlands.
Findings on Happiness & EDUCATION

<table>
<thead>
<tr>
<th>Study</th>
<th>Hall 1976</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Hall, J.</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Adults, general public, Great Britain, 1971-75</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>?</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>593 in '71, 966 in '73 and 932 in '75</td>
</tr>
</tbody>
</table>

**Measured Correlate**

| Class: | Satisfaction with education Code: E 1.3.2 |
| Measurement: | Direct closed question rated on a 11-point scale. |
| Measured Values: | |
| Error Estimates: | |
| Remarks: | |

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/l/11/a</td>
<td>r=+.27</td>
<td>1971</td>
</tr>
<tr>
<td></td>
<td>r=+.34</td>
<td>1973</td>
</tr>
<tr>
<td></td>
<td>r=+.23</td>
<td>1975</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION  

**Study** | LEVY 1975/1
---|---
*Reported in:* | Levy, S. & Guttman, L.
*Population:* | 18+ aged, general public, urban areas, Israel, 1973

**Measured Correlate**
*Class:* | Satisfaction with education  
*Code:* | E 1.3.2
*Measurement:* | Closed question ranging from 'very un-satisfied' to 'very satisfied'.

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>mc=+.31</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.26</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**LEVY 1975/1**

**Reported in:** Levy, S. & Guttman, L.
On the multivariate structure of well-being

**Population:** 18+ aged, general public, urban areas, Israel, 1973

**Sample:** 

**Non-Response:** -

**N:** 1940

### Measured Correlate

**Class:** Satisfaction with education  
**Code:** E 1.3.2

**Measurement:** Closed question ranging from 'very unsatisfied' to 'very satisfied'.

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>mc=+.31</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.26</td>
<td></td>
</tr>
</tbody>
</table>
### Findings on Happiness & EDUCATION Correlate Code: E 1

#### Closed question rated on a 7-point scale

**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 education  Code: E 1.3.2
- **Measurement:** Closed question rated on a 7-point scale

### Measured Values:

#### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-DT/c/sq/v7/aa | \(r=+.36\) \(p<.01\) | Controlled for 1  \(\text{rpc} = -.07\) (ns)  
Controlled for 1+2  \(\text{rpc} = -.05\) (ns)  
Controlled for 1+3  \(\text{rpc} = -.07\) (ns)  
Controlled for 1+2+3  \(\text{rpc} = +.05\) (ns)  
Controlled for 1  \(\beta = +.03\)  
Controlled for 1+3+4  \(\beta = +.04\) |

1= Satisfaction with health, financial security, family life, friendships, housing, job, free time activity, self-esteem, area you live in, ability to get around, security from crime.

2= Global happiness(indicator 2, HAP 1.1)

3= Demographic factors (sex, age, marital status, education, family income)

4= Workstatus.

| O-HL/u/sq/v7/a | \(r=+.29\) \(p<.01\) | Controlled for 1  \(\text{rpc} = -.07\) (ns)  
Controlled for 1  \(\beta = -.03\)  
Controlled for 1+2  \(\beta = -.04\) |

1= Satisfaction with health, financial security, family life, friendships, housing, job, free time activity, self-esteem, area you live in, ability to get around, security from crime.

2= Demographic factors (sex, age, marital status, education, family income)
### Study

**MICHA 1985**

**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 education  Code: E 1.3.2

**Measurement:** Closed question on satisfaction with education, rated on a 7-point scale.
1: terrible . 7: delightful

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-DT/c/sq/v/7/aa | Beta=+.1 p<.01 | Males N:140 8=+.21 (01) Females N:149 8=+.17 (01)  
β's controlled for satisfaction with: health, financial security, family relations, paid employment, friendships, housing, recreation, religion and self-esteem |
| O-HL/u/sq/v/7/a | Beta=+.1 p<.01 | Males N:140 8(ns) Females N:149 8=+.14 (05)  
β's controlled for satisfaction with: health, family relations, paid employment, friendships and self esteem |
Findings on Happiness & EDUCATION

Correlate Code: E 1

**Study**

**Reported in:** Shinn, D.C. & Johnson, D.M.
Avowed happiness as an overall assessment of the quality of life

**Population:** Heads of households, Illinois, USA, 1975

**Sample:**

**Non-Response:** 17%

**N:** 665

**Measured Correlate**

**Class:** Satisfaction with education Code: E 1.3.2

**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**

<table>
<thead>
<tr>
<th>O-HL/c/sq/v/3/aa</th>
<th>r = +.15</th>
<th>p &lt; .05</th>
</tr>
</thead>
</table>

When controlled for:
- assessments only  $\beta = +.03$
- resources and assessments  $\beta = +.02$
- assessments and comparisons  $\beta = +.02$
- assessments, resources and comparisons  $\beta = +.02$

'Assessments': satisfaction with: standard of living, leisure time, housing, health, community, government;
'Resources': race, sex, age, income, education, home 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**  
**ZUMA 1989**

- **Reported in:** Zentrum fur Umfrageforschung MAAnheim (ZUMA)  

- **Population:** 18+ aged, general public, West-Germany, 1978-88

- **Sample:**
  - **Non-Response:** ?
  - **N:** varies from about 2000 - 2300

**Measured Correlate**

- **Class:** Satisfaction with education  
  Code: E 1.3.2

- **Measurement:** Question: 'How satisfied are you with your education?'
  0 completely unsatisfied  
  10 completely satisfied

**Measured Values:**

- **Error Estimates:**

<table>
<thead>
<tr>
<th>Year</th>
<th>$\eta$</th>
<th>G</th>
<th>r</th>
<th>$\beta$</th>
</tr>
</thead>
<tbody>
<tr>
<td>1978</td>
<td>+.20</td>
<td>+.27</td>
<td>+.19</td>
<td>+.17</td>
</tr>
<tr>
<td>1980</td>
<td>+.23</td>
<td>+.28</td>
<td>+.20</td>
<td>+.21</td>
</tr>
<tr>
<td>1988</td>
<td>+.23</td>
<td>+.26</td>
<td>+.18</td>
<td>+.17</td>
</tr>
</tbody>
</table>

$\beta$'s controlled for age, gender, perceived class and marital status.

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/4/b</td>
<td>SNR=</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>$\eta$</th>
<th>G</th>
<th>r</th>
<th>$\beta$</th>
</tr>
</thead>
<tbody>
<tr>
<td>1978</td>
<td>+.33</td>
<td>+.33</td>
<td>+.31</td>
<td>+.29</td>
</tr>
<tr>
<td>1980</td>
<td>+.26</td>
<td>+.27</td>
<td>+.25</td>
<td>+.25</td>
</tr>
<tr>
<td>1988</td>
<td>+.23</td>
<td>+.26</td>
<td>+.21</td>
<td>+.20</td>
</tr>
</tbody>
</table>

$\beta$'s controlled for age, gender, perceived class and marital status.
<table>
<thead>
<tr>
<th>Study</th>
<th>BRINK 1997C</th>
<th>Page in Report: 269</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in</td>
<td>Brinkerhoff, M &amp; Fredell, K &amp; Frideres, J</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Basic minimum needs, Quality of life and selected correlates: explorations in villages</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Social Indicators Research, 42, p 245-281</td>
<td></td>
</tr>
<tr>
<td>Population</td>
<td>Adult, general public, two poor rural villages, Garhwal area, Northern India, 1996</td>
<td></td>
</tr>
<tr>
<td>Sample</td>
<td>Non-probability purposive-quota sample</td>
<td></td>
</tr>
<tr>
<td>Non-Response</td>
<td>341</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>not rep</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class</th>
<th>Literacy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement</td>
<td><strong>not reported</strong></td>
</tr>
</tbody>
</table>

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H/?/sq/t/7/a</td>
<td>r=+.2</td>
<td>p&lt;.001</td>
</tr>
<tr>
<td>O-SLu/?/sq/l/5/a</td>
<td>r=+.05</td>
<td>ns</td>
</tr>
</tbody>
</table>
### Appendix 1  Queries on Happiness used in reported Studies

<table>
<thead>
<tr>
<th>Happiness Query Code</th>
<th>Full Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>Selfreport on single closed question:</td>
</tr>
<tr>
<td></td>
<td>&quot;How is your mood these days....?&quot;</td>
</tr>
<tr>
<td></td>
<td>4 very good all the time</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1 not good almost all the time</td>
</tr>
<tr>
<td>A-AOL/g/sq/v/3/d</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;I now mention some experiences, moods. Please tell me how often you feel so .......&quot; happy.&quot; (one of several moods)&quot;</td>
</tr>
<tr>
<td></td>
<td>1 seldom or never</td>
</tr>
<tr>
<td></td>
<td>2 sometimes</td>
</tr>
<tr>
<td></td>
<td>3 often</td>
</tr>
<tr>
<td></td>
<td>In German:</td>
</tr>
<tr>
<td></td>
<td>&quot;Ich lese Ihnen einige Empfindungen, Stimmungen vor. Sagen Sie mir bitte jeweils ob Sie sich fühlen .....Glücklich&quot;</td>
</tr>
<tr>
<td></td>
<td>1 selten oder nie</td>
</tr>
<tr>
<td></td>
<td>2 manchmal</td>
</tr>
<tr>
<td></td>
<td>3 oft</td>
</tr>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>Single direct question:</td>
</tr>
<tr>
<td></td>
<td>'How are you feeling now....?'</td>
</tr>
<tr>
<td></td>
<td>5 very good</td>
</tr>
<tr>
<td></td>
<td>4 good</td>
</tr>
<tr>
<td></td>
<td>3 neither good nor poor</td>
</tr>
<tr>
<td></td>
<td>2 poor</td>
</tr>
<tr>
<td></td>
<td>1 very poor</td>
</tr>
<tr>
<td></td>
<td>Original text in Danish:</td>
</tr>
<tr>
<td></td>
<td>'Hvordan har du det for tiden?</td>
</tr>
<tr>
<td></td>
<td>5 meget godt</td>
</tr>
<tr>
<td></td>
<td>4 godt</td>
</tr>
<tr>
<td></td>
<td>3 hverken godt eller darligt</td>
</tr>
<tr>
<td></td>
<td>2 dårligt</td>
</tr>
<tr>
<td></td>
<td>1 meget dårligt</td>
</tr>
<tr>
<td>A-AOL/u/sq/l/11/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>'We would like to know how you are feeling?</td>
</tr>
<tr>
<td></td>
<td>0 very bad</td>
</tr>
<tr>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>4</td>
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<tr>
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<td>5</td>
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<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>
8
9
10 very good

**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)

**Selfreport on 10 questions:**

"During the past few months, have you ever felt..... (often, sometimes, never?)"
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 Depressed or very unhappy?
H That things were going your way?
I Upset because someone criticized you?

**Answer options and scoring:**
- 0 = no
- 3 often
- 2 sometimes
- 1 never

**Summation:**
- Positive Affect Score (PAS): A+C+E+I
Findings on Happiness & EDUCATION

Correlate Code: E 1

- Negative Affect Score (NAS): B+D+F+H+J
- Affect Balance Score (ABS): PAS minus NAS
Possible range: -15 to +12
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 criticized 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)

A-BB/cw/mq/v/4/b
Selfreport on 8 questions:

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

A  Particularly interested in or excited about something
B  Pleased about having accomplished something
C  On top of the world
D  Pity for some people you know
E  Helpless, with no control over situations
F  Bored
G  Vaguely uneasy about something without knowing why
H  Angry about something that usually wouldn't bother you

Rating options:
0  never
1  once
2  several times
3  often
Summation: Factorially derived clusters:
A+B+C+D (Enhancement)
E+F+G+H (Discomfort)
Affect Balance Score: Enhancement minus Discomfort.

Possible range: +16 to -16

Name: Bradburn's `Affect Balance scale' (modified version)

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

Selfreport on 8 questions:

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

Response options:
0 not at all
1 sometimes
2 often
3 very often

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

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

Name: Bradburn's Affect Balance Scale (variant)

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

Selfreport on 9 questions:

"We are interested in the way people are feeling these days. The following list describes some of the ways people feel at different times. Please indicate how often you felt each way during the last week.

"How often last week did you feel .....?"

A On the top of the world
B Very lonely or remote from other people
C Particularly excited or interested in something
D Depressed or very unhappy
E Pleased about having accomplished something
F Bored
G Proud because someone complimented you on something you had done
H So restless you couldn't sit long in a chair
I Vaguely uneasy about something without knowing why

Answer options:
0 not at all
1 once
2 several times
3 often

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

Possible range: -15 tot +12

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

A-BC/cm/mq/v/4/a Selfreport on 13 questions:

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

A. Exit ed or pleased about something you were doing
B. That important things in life are going your way
C. Happy, satisfied, or pleased with your personal life.
D. Exit ed or pleased with something you did or a problem you solved
E. That you have a lot of friends you can count on
F. Nervous or tense
G. So restless and irritated you couldn't sit still
H. Down-hearted or depressed
I. Felt concerned or worried about your health
J. Guilty about something you shouldn't have done
K. Unable to get a good night's sleep
L. That your mind was not working the way it should
M. Miserable or discouraged about your future

Answer options:
1 none of the time
2
3
4 most of the time

Summation:
Positive Affect Scale (PAS):A+B+C+D+E
Negative Affect Scale (NAS):F+G+H+I+J+K+L+M
Affect Balance Scale (ABS): PAS minus NAS
Possible range: -32 to + 20

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

A-CA/mh/ri/v/2/b Interviewer-rating of cheerfulness:

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

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

Original text in German:

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

C-?/c/sq/v/4/a Selfreport on single question:

"In general, how good would you say your spirits are these days....?"
4 excelent
3 very good
2 fair
1 poor

C-ASG/h/mq/v/5/a Selfreport on 2 questions:

A. "How important was each of the following goals in life in the plans you made for yourself in early adulthood?"
- occupational success
- family life
- friendships
- richness of cultural life
- total service to society.
1 less important to me than to most people
2
3
4
5 of prime importance to me

B. "How succesfull have you been in the persuit of these goals?"
1 little satisfaction in this area
2
3
4
5 had excellent fortune in this respect

Computation:General Satisfaction 5 is the quotient obtained by multiplying the planned goal (early adulthood) by the reported success in attaining that goal, adding the five of these multiplied areas and dividing them by the sum of the planned goals for each of the areas.

\[
\frac{Pa.Sa + Pb.Sb + Pc.Sc + Pd.Sd + Pe.Se}{Pa + Pb + Pc + Pd + Pe}
\]
Findings on Happiness & EDUCATION

Pa = planned goal a (1-5)
Sa = success goal a (1-5)

C-RA/h/sq/v/2/a Selfreport on single question:

"Up to now, have you been able to satisfy most of your ambitions in life or have you had to settle for less than you had hoped for .....?"
2 able to satisfy ambitions
1 settled for less

C-RG/h/sq/l/11/a Selfreport on single question:

"How would you rate yourself as to how successful or unsuccessful you have been in terms of achieving your own goals and aims in life? Think of the top of the ladder as being completely successful, the bottom being entirely unsuccessfull."
[ 10 ] completely succesfull
[  9 ]
[  8 ]
[  7 ]
[  6 ]
[  5 ]
[  4 ]
[  3 ]
[  2 ]
[  1 ]
[  0 ] entirely unsuccesfull

C-RG/l/sq/v/4/a Selfreport on single question:

"For the past five years, how much have you accomplished of what you planned in your life......?"
4 all of it
3 most of it
2 not much of it
1 none of it

M-ACO/u/mq/n/4/a Selfreport on 6 questions:

A  On the whole, life gives me a lot of pleasure
B  On the whole, I am very satisfied with my life today
C  Things are getting just worse for me as I get older
D  All in all, I find a great deal of happiness today
E  I have a lot to be sad about
F  Nothing ever turn out for me the way I want it

Scoring
4 strongly agree
3
2
1 strongly disagree

Computation: simple addition. Possible range 6-24

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-CO/u/mq/v/7/a Selfreport on 3 questions:

A How do you feel about what you are accomplishing in life?
B How do you feel about your life as a whole?
C In general, how happy would you say you are these days?
Answer options:
7 completely satisfied
6 very satisfied
5 satisfied
4 satisfied - dissatisfied
3 dissatisfied
2 very dissatisfied
1 completely dissatisfied

Possible range 3 - 21

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

"How do you feel yourself at the time being? Is your present wellbeing.....?"
5 very high
4 high
3 moderate
2 rather low
1 low

Original text in German:
"Wie wohl fühlen Sie sich derzeit? Ist Ihr Wohlbefinden zur Zeit ......?"

ea sehr grosz
d grosz
c mässig
b eher gering
a sehr gering

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
Findings on Happiness & EDUCATION

Correlate Code: E 1

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.....?"

a sehr glückliche Zeit
d recht glückliche Zeit
c weder glücklich noch unglücklich
b eher unglückliche Zeit
a sehr unglückliche Zeit

M-FH/u/sq/ol/9/a Selfreport on single question:

"Place a cross on the line on the place you estimate to be what corresponds best with your state".

1 | I don't feel very well in my skin
2 |
3 |
4 |
5 | I don't feel too well in my skin
6 |
7 |
8 |
9 | I feel very well in my skin

Scoring: rated on open horizontal line scale divided afterwards in 9 sections.

In French:
"Placez une croix, sur chaque ligne, a l'endroit que vous estimez être celui qui correspond plus a votre etat, par rapport aux definitions proposées.

a | Je ne me sens pas très bien dans ma peau
b |
c |
d |
e | Je me sens assez bien dans ma peau
f |
g |
h |
i | Je me sens très bien dans ma peau

M-FH/u/sq/v/3/a Selfreport on single question:

"Do you feel.....?"
3 happy
2 not too happy
1 unhappy

Original text in Dutch:
" Voelt u zichzelf ......?"

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Correlate Code: E 1

M-FH/u/sq/v/3/b

Self-report on single question:

"If you had to say whether you feel happy or not, what would you answer.....?"

3  happy
2  neither happy nor unhappy
1  unhappy

Original text in Dutch:
"Als u van uzelf zou moeten zeggen of u zich gelukkig of niet gelukkig voelt, wat zegt u dan?"

M-PL/c/sq/v/4/a

Self-report on single question:

How much do you enjoy your life these days.....?"

4  a great deal
3  a fair amount
2  not very much
1  not at all

M-TH/g/sq/v/3/c

Self-report on single question:

".....general feelings...."
(lead item not fully reported)
1  happy most of the time
2  sometimes happy
3  unhappy most of the time
   - can't say

M-TH/l/sq/v/4/a

Self-report on single question:

"How happy have you been for the past five years.....?"

4  very happy
3  somewhat happy
2  not much happy
1  not happy at all

O-BW/c/sq/l/10/b

Self-report on single question:

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

[ 10 ]  best possible life for you
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
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Name: Cantril's selfanchoring ladder rating of life (adapted version)

Selfreport on single question:

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

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

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

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

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

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  

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

O-DT/c/sq/v/7/b  
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  

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

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

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

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
Findings on Happiness & EDUCATION

O-DT/u/sq/t/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

O-H?/?/oq/?/0/a
Selfreport on single question:

Open question on happiness.
Text not reported.

O-H?/?/sq/t/7/a
Selfreport on single question:

Lead item not reported
Rated on a 7-step pictorial faces scale, presented on a card
(pictures not shown here)
7 smiling face, very happy
6
5
4
3
2
1 frowning face, very unhappy

O-H?/?/sq/v/4/a
Selfreport on single question:

Lead item not reported
Response options:
4 very happy
3 quite happy
2 not very happy
1 not at all happy

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)
Selfreport on single question:

'Taken all together, how would you say things are these days? Would you say that you are...?'

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

Selfreport on single question:

"Taking all things together, how would you say thing are these days? Would you say you are...?"

1. not too happy
2. fairly happy
3. very happy

Selfreport on single question:

"Taken all together, how would you say things are these days? Would you say you are...?"

1. not too happy
2. relatively happy
3. very happy

Selfreport on single question:

"All things considered, how would you describe yourself these days? Would you say you are...?"

1. not too happy
2. fairly happy
3. very happy

Selfreport on single question:

"Taken all things together, how would you say things are these days. Would you say you were...." 

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

Selfreport on single question:

"All in all, how much unhappiness would you say that you find in life today.......? "

1. a great deal
2. some
3. almost none
"All in all, how much happiness do you find in life today....?"
1  almost none
2  some but not very much
3  a good deal
O-HL/c/sq/v/3f Selfreport on single question:

"Considering everything that has happened to you recently, how would you say things are with you - would you say you are.....?"
3  very happy
2  pretty happy
1  not too happy
O-HL/c/sq/v/4/a Selfreport on single question:

"Do you feel your life at present is.....?"
4  very happy
3  quite happy
2  quite unhappy
1  very 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....?"
4  sehr glücklich
3  ziemlich glücklich
2  ziemlich unglücklich
1  sehr unglücklich
O-HL/c/sq/v/4/d Selfreport on single question:

"Do you feel that your life at present is.....?"
4  very happy
3  quite happy
2  unhappy
1  very unhappy
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/c Selfreport on single question:
"Taking all things together, how would you say you are these days.....?"

5 extremely happy
4 very happy
3 happy
2 pretty happy
1 not too happy

In Dutch:
"Hoe gelukkig voelt u zich alles bij elkaar genomen op het ogenblik?"

e buitengewoon gelukkig
d zeer gelukkig
c gelukkig
b tamelijk gelukkig
a niet zo gelukkig

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

"Taking your life as a whole, are you.....?"

5 very happy
4 quite happy
3 more happy than unhappy
2 more unhappy than happy
1 quite unhappy

In German:
"Wenn Sie Ihr Leben jetzt alles im allem betrachten, sind Sie.....?"

e sehr glücklich
d ziemlich glücklich
c eher glücklich
b eher unglücklich
a ziemlich unglücklich

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

"How happy do you feel as you live now? Please choose one item on this card that comes closest to your feeling.

5 very happy
4 fairly happy
3 neither happy nor unhappy
2 fairly 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

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'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

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

Response options not reported

Selfreport on single question:
"In general, how happy would you say you are....."?

Selfreport on single question:
"Generally speaking, how happy would you say you are.....?"
3  very happy
2  fairly happy
1  not too happy

Selfreport on single question:
"Place a cross, on each line, on the place you estimate to be that which corresponds best with your state"
1  I am not very happy
2  
3  
4  
5  I am not too happy
6  

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<table>
<thead>
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<tr>
<td>a</td>
</tr>
<tr>
<td>b</td>
</tr>
<tr>
<td>c</td>
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<tr>
<td>d</td>
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<tr>
<td>e</td>
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<tr>
<td>f</td>
</tr>
<tr>
<td>g</td>
</tr>
<tr>
<td>h</td>
</tr>
<tr>
<td>i</td>
</tr>
</tbody>
</table>

Selfreport on single question:

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

Selfreport on single question:

"Taken all together, how happy would you say you are? Are you......?"
3 very happy
2 pretty happy
1 not so happy

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.

Selfreport on single question:

"On the whole, how happy would you say you are.....?"
4 very happy
3 fairly happy
2 not very happy
1 very unhappy

Selfreport on single question:

"Considering your life as a whole, would you describe it as.....:?”
1 very happy
2 | unhappy

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Correlate Code: E 1

3 an even mixture of unhappiness and happiness
5 | happy
6
7 very happy
no opinion

O-HP/gmqv5/a Selfreport on 6 questions:

"Describe the kind of person you are. Please read each sentence, then mark how often it is true for you"
1 I feel like smiling
2 I generally feel in good spirits
3 I feel happy
4 I am very satisfied with life
5 I find a good deal of happiness in life
6 I feel sad

Response options:
5 almost always true
4 often true
3 sometimes true
2 seldom true
1 never true

Summation: average
Possible range: 1 to 5

O-HP/gsqol7/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/usqv3/a Selfreport on single question:

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"Do you think of yourself as......?"
3 happy
2 pretty happy
1 unhappy?

In Dutch:
"Vindt u zichzelf ......?"
  c gelukkig
  b tamelijk gelukkig
  a ongelukkig

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-QL?/c/mq/v/5/a Selfreport on 3 questions:

A " When you consider your present life as-a-whole, would you say you are....?"
5 very happy
4 fairly happy
3 rather happy than unhappy
2 rather unhappy than happy
1 very unhappy
  - DK/NA

B " When you consider your present life as-a-whole, would you say you are.....?"
5 very satisfied
4 fairly satisfied
3 rather satisfied than dissatisfied
2 rather dissatisfied than satisfied
1 fairly dissatisfied
  - DK/NA

C " How do you feel right now? Is your well-being.....?"
5 very high
4 high
3 moderate
2 rather low
1 very low
- DK/NA

Summation: The summed scores were divided in three strata: low, medium and high quality of life

In German:
A "Wenn Sie ihr Leben jetzt alles in allem betrachten, sind Sie......?"
   e sehr glücklich
   d ziemlich glücklich
   c eher glücklich
   b eher unglücklich
   a ziemlich unglücklich
   - keine Angabe

B "Wenn Sie ihr Leben jetzt in allem betrachten, sind Sie.....?"
   e sehr zufrieden
   d ziemlich zufrieden
   c eher zufrieden
   b eher unzufrieden
   a ziemlich unzufrieden
   - keine Angabe

C "Wie wohl fühlen Sie sich derzeit? Ist Ihr Wohlbefinden....?"
   e sehr gross
   d gross
   c mäszig
   b eher gering
   a sehr gering
   - keine Angabe

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

"When you take everything into consideration, your child, your adult life, etc, how would you describe your current life situation.....?"
   1 things are very bad right now
   2
   3
   4
   5 things are very good
   (Response options not fully reported)

O-SL/?/sq/t/7/a Selfreport on single question:

".......satisfaction with life........"
   (full question not reported)

Responses scored pictorial faces scale consisting on several smilies, expressing variations from very unhappy to very happy.
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Correlate Code: E 1

(Pictures not presented here)
1 unhappy face
2
3
4 neutral face
5
6
7 happy face
(Pictures not presented here)

Name: Kunin's `Faces Scale'

O-SL/?/sq/l/10/a Selfreport on single question:

Ss were asked to rate themselves on an 1 - 10 rating ladder in terms of their self-perceived life satisfaction.
(Full question not reported).
[ 10 ] +
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] --

(labels of scale extremes not reported)

O-SL/?/sq/v/4/a Selfreport on single question:

"...... how satisfied are you with your life-as-a-whole......?"
(Full question not reported)
1 not very satisfied
2 somewhat satisfied
3 very satisfied
4 extremely satisfied

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-SL/?/c/sq/v/3/a Selfreport on single question:

"......satisfaction with present life....."
(Full lead item not reported)
1
2
Findings on Happiness & EDUCATION

Correlate Code: E 1

3
(Response options not reported)

O-SLC/c/sq/v/3/a
Selfreport on single question:

"How satisfied are you with the way you are getting on now...?"
3 very satisfied
2 all right
1 dissatisfied
- don't know

O-SLL/c/sq/v/3/a
Selfreport on single question:

"In general how satisfying do you find the way you are spending your life these days. Would you call it.....?"
3 completely satisfying
2 pretty satisfying
1 not very satisfying

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 führten......?"
e sehr zufrieden
d recht zufrieden
c weder zufrieden noch unzufrieden
b eher unzufrieden
a sehr unzufrieden

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Selfreport on single question:

"In general, how satisfying do you find the way you're spending your life these days? Would you call it ......?"
3 completely satisfying
2 pretty satisfying
1 not very satisfying

Selfreport on single question:

"In general, how satisfied are you with your way of life.......?"
4 quite satisfied
3 fairly satisfied
2 sometimes dissatisfied
1 usually dissatisfied

Selfreport on single question:

"On the whole how satisfied are you with the life you lead?"
4 very satisfied
3 fairly satisfied
2 not very satisfied
1 not at all satisfied

Selfreport on single question:

" When you're not only thinking of your job, but of your total present situation (house, prices, health, love, politics, neighbours, etc.), how satisfied are you with your life as-a-whole? Please mark the appropriate face below."

Rated on pictorial scale, consisting of seven smilies, expressing variations from very dissatisfied (a) to very satisfied (g) (Kunin's 'Faces scale') Pictures not reproduced here).

1 unhappy face
4 neutral face
7 happy face

In German:
"Wenn Sie nun nicht nur die Arbeit betrachten, sondern Ihre gesamte derzeitige Situation berücksichtigen (Wohnung, Preise, Gesundheit, Liebe, Politik, Nachbarn usw.), wie zufrieden sind Sie dann insgesamt mit Ihrem Leben? Streichen Sie bitte das zutreffende Gesicht an."

Item in the "Arbeitsbeschreibungsbogen" (job-description questionnaire).

Selfreport on single question:

"..... satisfaction with life ....."

(full lead item not reported)

Rated on a wooden miniature ladder, handed to the respondent
Findings on Happiness & EDUCATION Correlate Code: E 1

O-SLu/c/sq/l11/a Selfreport on single question:

"Some people seem to be quite happy and satisfied with their lives, while others seem quite unhappy and dissatisfied. Now look at this ladder (again). Suppose that a person who is entirely satisfied with his life would be at the top of the ladder and a person who is extremely dissatisfied with his life would be at the bottom of the ladder. Where would you put yourself on the ladder at the present stage of your life in terms of how satisfied or dissatisfied you are with your personal life?"

O-SLu/c/sq/n/7/b Selfreport on single question:

"All in all, how satisfied are you with your life these days.....?"

O-SLu/c/sq/v/3/b Selfreport on single question:

"In general, how satisfying do you find your life these days? Would you call it....?"

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

"Overall, how satisfied are you with your present life.......?"

Please choose from this card that is closest to your feeling.
<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td></td>
<td>'How satisfied are you with your life now?'</td>
</tr>
<tr>
<td></td>
<td>5  very satisfied</td>
</tr>
<tr>
<td></td>
<td>2  satisfied</td>
</tr>
<tr>
<td></td>
<td>3  neither satisfied nor dissatisfied</td>
</tr>
<tr>
<td></td>
<td>2  dissatisfied</td>
</tr>
<tr>
<td></td>
<td>1  very dissatisfied</td>
</tr>
<tr>
<td></td>
<td>Original text in Danish:</td>
</tr>
<tr>
<td></td>
<td>'Hvor tilfreds er du med dit liv for tiden?'</td>
</tr>
<tr>
<td></td>
<td>5  meget tilfreds</td>
</tr>
<tr>
<td></td>
<td>4  tilfreds</td>
</tr>
<tr>
<td></td>
<td>3  hverken tilfreds eller utilfreds</td>
</tr>
<tr>
<td></td>
<td>2  utilfreds</td>
</tr>
<tr>
<td></td>
<td>1  meget utilfreds</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/7/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;How much are you satisfied with your life as a whole these days......?&quot;</td>
</tr>
<tr>
<td></td>
<td>7  completely satisfied</td>
</tr>
<tr>
<td></td>
<td>6  very satisfied</td>
</tr>
<tr>
<td></td>
<td>5  somewhat satisfied</td>
</tr>
<tr>
<td></td>
<td>4  neither satisfied nor dissatisfied</td>
</tr>
<tr>
<td></td>
<td>3  somewhat dissatisfied</td>
</tr>
<tr>
<td></td>
<td>2  very dissatisfied</td>
</tr>
<tr>
<td></td>
<td>1  completely dissatisfied</td>
</tr>
<tr>
<td>O-SLu/g/sq/v/3/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;On the whole, how satisfied would you say you are with your life.....?&quot;</td>
</tr>
<tr>
<td></td>
<td>1  not very satisfied</td>
</tr>
<tr>
<td></td>
<td>2  fairly satisfied</td>
</tr>
<tr>
<td></td>
<td>3  very satisfied</td>
</tr>
<tr>
<td>O-SLu/g/sq/v/5/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;In general, how satisfied are you with your life.....?&quot;</td>
</tr>
<tr>
<td></td>
<td>5  very satisfied</td>
</tr>
<tr>
<td></td>
<td>4  satisfied</td>
</tr>
<tr>
<td></td>
<td>3  average</td>
</tr>
<tr>
<td></td>
<td>2  somewhat dissatisfied</td>
</tr>
<tr>
<td></td>
<td>1  very dissatisfied</td>
</tr>
<tr>
<td>O-SLu/u/sq/v/4/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;Overall, how satisfied are you with your life.....?&quot;</td>
</tr>
<tr>
<td></td>
<td>4  very satisfied</td>
</tr>
<tr>
<td></td>
<td>3  satisfied</td>
</tr>
<tr>
<td></td>
<td>2  dissatisfied</td>
</tr>
<tr>
<td></td>
<td>1  very dissatisfied</td>
</tr>
<tr>
<td>O-SLuW/?/sq/v/4/a</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;.......satisfaction with life-as-a-whole......&quot;</td>
</tr>
<tr>
<td></td>
<td>(Full question not reported.)</td>
</tr>
</tbody>
</table>
Findings on Happiness & EDUCATION

O-SLW/?/sq/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/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
What do you think, how satisfied are you at this moment - all in all - with your life? If for instance you are totally satisfied with your life, please mark a ‘10’. If you are totally unsatisfied with your life, mark a ‘0’. If you are not completely unsatisfied nor totally satisfied range yourself somewhere between ‘1’ and ‘9’.

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

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."

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

"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.....?"
Findings on Happiness & EDUCATION

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.....?"

7 extremely satisfied
6 very satisfied
5 fairly satisfied
4 slightly satisfied
3 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/sq/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/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)
Findings on Happiness & EDUCATION

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

"On the whole, are you satisfied with your life.....?"
5  definitely yes
4  rather yes
3  don't know
2  rather no
1  definitely no
-  no reply

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

'How satisfied would you say you are with your life as a whole ....?'
4  completely satisfied
3  very satisfied
2  moderately satisfied
1  slightly satisfied
0  not satisfied at all

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/a Selfreport on single question:

"Considering everything, how satisfied are you with your life as whole.....?"
7  completely satisfied
6  satisfied
5  mostly 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

O-SP/u/sq/ol/9/a Selfreport on single question:

"Place a cross on the line below, on the spot you estimate that corresponds best with your state."
1 | I am not very satisfied
2 |
3 |
4 |
5 | I am not too satisfied
6 |
7 |
8 |
9 I am very satisfied

Scoring: rated on an open horizontal line scale divided afterwards in 9 sections.

In French:
"Placer une croix, sur chaque ligne, a 'endroit que vous estimez etre celui qui correspond le mieux a votre etat, par rapport aux definitions proposees."
a | Je ne suis pas tout a fait satisfait
b |
c |
d |
e | Je ne suis pas tres satisfait
f |
g |
h |
i | Je suis tout a fait satisfait

O-Sum/u/mq/*/0/b Selfreport in 2 questions:

A. "How satisfied are you with your life as a whole these days?"
10 completely satisfied
9 8 7 6 5 4 3 2 1
0 not at all satisfied

B. "Where would you place your life as a whole?"
Rated on a thermometer scale.
100 perfect, as good as you can imagine it being
Findings on Happiness & EDUCATION

Correlate Code: E 1

90
80
70
60
50
40
30
20
10
0   terrible, as bad as you can imagine it being

Summation: factor loading

O-Sum/u/mq/v7/a Selfreport on four questions:

Using the 1-7 scale below, indicate your agreement with each of the items by placing the appropriate number on the line preceding that item. Please be open and honest in your responding,
A  In most ways my life is close to ideal
B  The conditions of my life are excellent
C  I am satisfied with my life
D  So far, I have gotten the important things I want in life

Answers rated:
7  strongly agree
6  agree
5  slightly agree
4  neither agree nor disagree
3  slightly disagree
2  disagree
1  strongly disagree

Computation: A+B+C+D divided by 4

Name: Shortened Diener's Satisfaction with Life Scale (SWLS)
(In the original scale item 5 reads: 'If I you live my life over, I would change nothing'. This item is left out in this selection because a positive answer to this question does not necessarily mean that the respondent doesn't like the life he/she actually lives.)

X/X/X/1/a Self-responding to the question:
"Using any number on this card from 1 to 7, with 1 being very dissatisfied and 7 being very satisfied, how dissatisfied or satisfied are you with your life?"

On the web you will find an overview of valid queries on happiness and an explanation of the classification used. Go to: www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm. This is the introductory text to the Catalog of Happiness Queries.
## Appendix 2  Statistics used in reported studies

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
</table>
| AoV    | ANALYSIS OF VARIANCE (ANOVA)  
Type: statistical procedure  
Measurement level: Correlate(s): nominal, Happiness: metric.  
In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to Ne -1 for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value.  
NOTE: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN's MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS) |
| 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   | (B) STANDARDIZED REGRESSION COEFFICIENT  
Type: test statistic.  
Measurement level: Correlates: all metric, Happiness: 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] |
Findings on Happiness & EDUCATION

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.

DMr
DIFFERENCE IN MEAN RIDITS
Type: test statistic
Measurement level: Happiness ordinal
Range: [0; +1]

Meaning:
Mr < .50: average happiness in this subgroup lower than in the larger population
Mr = .50: average happiness in this subgroup the same as in the larger population
Mr > .50: average happiness in this subgroup higher than in the larger population

'Ridit analysis' compares the distribution of happiness scores in subgroups to its distribution in the entire sample ("Relative to an Identified Distribution")

Testing for significance can be performed through a "BROSS Confidence Interval" (BCI). If all values the BCI for a subgroup are above/below 0.500, the subgroup is significantly more/less happy than the larger population.

DMs
STANDARDIZED DIFFERENCE of MEANS (CRITICAL RATIO)
Type: test statistic.
Measurement level: Correlate: dichotomous, Happiness: metric
Theoretical range: unlimited

Meaning: DMs is the ratio of the difference of the, either untransformed or transformed, means and its standard error.

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.

Dyx
SOMERS' ASYMMETRIC TEST STATISTIC
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
Dyx = 0 «no rank correlation
Dyx = +1 «strongest possible rank correlation, where high correlate values correspond with high happiness ratings.
Dyx = -1 «strongest possible rank correlation, where high correlate values correspond with low happiness ratings.
<table>
<thead>
<tr>
<th>Measure</th>
<th>Type</th>
<th>Measurement level</th>
<th>Range</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>E²</td>
<td>CORRELATION RATIO (Elsewhere sometimes called h² or ETA)</td>
<td>Correlate: nominal or ordinal, Happiness: metric</td>
<td>[0; 1]</td>
<td>correlate is accountable for E² x 100% of the variation in happiness. E² = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating. E² = 1 « knowledge of the correlate value enables an exact prediction of the happiness rating.</td>
</tr>
<tr>
<td>G</td>
<td>GOODMAN &amp; Kruskal's GAMMA</td>
<td>Correlate: ordinal, Happiness: ordinal</td>
<td>[-1; +1]</td>
<td>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.</td>
</tr>
<tr>
<td>mc</td>
<td>Guttman's monotonicity coefficient.</td>
<td>Both correlate and happiness: ordinal or interval</td>
<td>[-1, +1]</td>
<td>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.</td>
</tr>
<tr>
<td>OR</td>
<td>ODDS RATIO</td>
<td>Correlate: dichotomous, Happiness level: dichotomous</td>
<td>nonnegative unlimited</td>
<td>OR = 1 « no association at all; OR = 0 or infinite « at least one level of the correlate allows an error-free prediction of the happiness.</td>
</tr>
<tr>
<td>r</td>
<td>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also &quot;Pearson's correlation coefficient&quot; or simply 'correlation coefficient')</td>
<td>Correlate: metric, Happiness: metric</td>
<td>[-1; +1]</td>
<td>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.</td>
</tr>
<tr>
<td>R²</td>
<td>COEFFICIENT of DETERMINATION</td>
<td></td>
<td></td>
<td>Type: test statistic</td>
</tr>
</tbody>
</table>
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Correlate Code: E 1

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.

**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

goodman

**TAU**

GOODMAN & Kruskal's TAU
Type: descriptive statistic only.
Measurement level: Correlate: nominal, Happiness: ordinal
Range: [0; +1]

Meaning:
tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.
tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.

**TB**

KENDALL’S RANK CORRELATION COEFFICIENT TAU-B
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
tb = 0 « no rank correlation
tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

**TC**

KENDALL’S TAU-C (Also referred to as Stuart’s tau-c)
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
tc = 0 « no rank correlation
tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.
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 Empirical studies  Selection on valid measurement
    Happiness Queries (3)
      Testbank
        Abstracting  and classification  of findings
        Distributional Findings
          How happy people are
        Correlational Findings
          What goes with happiness
        o Happiness in Nations (4)
        o Happiness in Publics (6)
```

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.
## Appendix 4  Further Findings in the World Database of Happiness

<table>
<thead>
<tr>
<th>Main Category's</th>
<th>Category Name</th>
<th>Number of Studies in this Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 1</td>
<td>ACTIVITY LEVEL (how much one does)</td>
<td>53</td>
</tr>
<tr>
<td>A 2</td>
<td>ACTIVITY PATTERN (what one does)</td>
<td>7</td>
</tr>
<tr>
<td>A 3</td>
<td>AFFECTIVE LIFE</td>
<td>31</td>
</tr>
<tr>
<td>A 4</td>
<td>AGE</td>
<td>279</td>
</tr>
<tr>
<td>A 5</td>
<td>AGGRESSION</td>
<td>11</td>
</tr>
<tr>
<td>A 6</td>
<td>ANOMY</td>
<td>30</td>
</tr>
<tr>
<td>A 7</td>
<td>APPEARANCE (good looks)</td>
<td>8</td>
</tr>
<tr>
<td>A 8</td>
<td>ATTITUDES</td>
<td>4</td>
</tr>
<tr>
<td>A 9</td>
<td>AUTHORITARIANISM</td>
<td>4</td>
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<td>B 3</td>
<td>BODY</td>
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<tr>
<td>C 1</td>
<td>CHILDREN 1:</td>
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<tr>
<td>C 10</td>
<td>CREATIVENESS</td>
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<td>C 11</td>
<td>CULTURE (Arts and Sciences)</td>
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<tr>
<td>C 2</td>
<td>CHILDREN: WANT FOR (Parental aspirations)</td>
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<td>C 3</td>
<td>CHILDREN: HAVING (parental status)</td>
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<td>CHILDREN's CHARACTERISTICS</td>
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<td>C 5</td>
<td>CHILDREN: RELATION WITH</td>
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<td>CHILDREN: REARING (parental behavior)</td>
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<td>10</td>
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## Appendix 5  Related Topics

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### End of Report