



## World Database of Happiness

### Correlational Findings

© on data collected: Ruut Veenhoven, Erasmus University Rotterdam

# Findings on Happiness & SPORTS

Correlate Code: S 12

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<b>Classification of Findings</b>		<b>Number of Studies</b>
<i>Correlate Code</i>	<i>Correlate Name</i>	<i>on this Subject</i>
S 12	SPORTS	0
S 12.1	Sports career	0
S 12.1.1	Earlier involvement in sports	2
S 12.1.2	Change involvement in sports	0
S 12.1.4	Later involvement in sports	0
S 12.2	Current involvement in sports	0
S 12.2.1	Active involvement in sports	12
S 12.2.2	Passive involvement in sports	7
S 12.2.3	Skilledness in sports	2
S 12.2.4	Kind of sport practiced	2
S 12.3	Attitudes to sports	0
S 12.3.1	Perceived usefulness of sports	4
S 12.3.2	Satisfaction with sporting	3

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- Appendix 1: Happiness queries used  
Appendix 2: Statistics used  
Appendix 3: About the World Database of Happiness  
Appendix 4: Further Findings in the World Database of Happiness  
Appendix 5: Related Topics
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World Database of Happiness. Internet: [www.eur.nl/fsw/research/happiness](http://www.eur.nl/fsw/research/happiness)  
Erasmus University Rotterdam, 2003, Netherlands

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<b>Study</b>	<b>GEHMA 1990A</b>	<i>Page in Report:</i>	(18)
<i>Reported in:</i>	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)		
<i>Population:</i>	Railway employees, Austria, 1988		
<i>Sample:</i>			
<i>Non-Response:</i>	?		
<i>N:</i>	68		

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### Measured Correlate

*Class:* Earlier involvement in sports Code: S 12.1.1

*Measurement:* Retrospective report of frequency of sporting and involvement in  
competition  
0. seldom or never  
1. one or two times a week  
3. more often, but no competition  
4. involved in sport-competition

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/d	r=-.11	1. M' =2. 59 2. M' =2. 70 3. M' =2. 14 4. M' =2. 44

<b>Study</b>	<b>GEHMA 1992B</b>	<i>Page in Report:</i>	161
<i>Reported in:</i>	Gehmacher, E. Sport, Gesundheit und Lebenszufriedenheit (Sport, Health and Life-satisfaction) Ehalt, H. Ch. & Weiss, O. (eds) Sport; Zwischen Disziplinierung und neuen sozialen Bewegungen p 170-184		
<i>Population:</i>	Military men, cadres, Austria, 1989		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1350		

### Measured Correlate

*Class:* Earlier involvement in sports Code: S 12.1.1

*Measurement:* Questions about sportactivities at age 14-20  
 0. no sport  
 1. some sport for pleasure or health  
 (gymnastics, jogging)  
 2. regular condition sporting  
 3. regular achievement sporting

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLu/c/sq/n/5/a	rpc= ns	rpc controlled for age, health, psychological coping capacity and current sporting.  Path analysis does not suggest that sporting in youth adds to happiness through better health or psychological capacity.

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<b>Study</b>	<b>BOELH 1999</b>	<i>Page in Report:</i>	62
<i>Reported in:</i>	Boelhouwer, J. & Stoop, I. Measuring Well-Being in the Netherlands Social Indicators Research, vol 48, 51-75, 1999		
<i>Population:</i>	18+ aged, general public, The Netherlands, 1974-1997		
<i>Sample:</i>	Probability sample (unspecified)		
<i>Non-Response:</i>			
<i>N:</i>	±3500 each year		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* Sport participation?  
 1 no sports  
 2 one sport  
 3 two sports  
 4 three sports  
 5 four sports  
 6 five sports

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HP/u/sq/v/5/a	r=+.10 p<.05	1993
	r=+.19 p<.	1997

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<b>Study</b>	<b>BOELH 1999</b>	<i>Page in Report:</i>	62
<i>Reported in:</i>	Boelhouwer, J. & Stoop, I. Measuring Well-Being in the Netherlands Social Indicators Research, vol 48, 51-75, 1999		
<i>Population:</i>	18+ aged, general public, The Netherlands, 1974-1997		
<i>Sample:</i>	Probability sample (unspecified)		
<i>Non-Response:</i>			
<i>N:</i>	±3500 each year		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* Number of times sporting a week  
1 no sport participation  
2 once a week  
3 twice a week

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HP/u/sq/v/5/a	r=+.13 p<.05	1997

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<b>Study</b>	<b>BRADB 1965/1</b>	<i>Page in Report:</i>	49
<i>Reported in:</i>	Bradburn, N.M. & Caplovitz D. Reports on happiness Aldine Publishing Company, 1965, Chicago USA		
<i>Population:</i>	Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	2006		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* Closed question: not at all / once / several times / every day / more than once a day, during last week.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/e	G= + p<.	Index of Positive Affects : G' = +.15 (05) - Males : G' = +.20 (01) - Females : G' = +.10 (01)
		Unrelated to Index of Negative Affects.

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<b>Study</b>	<b>BULAT 1973</b>	<i>Page in Report:</i>	232
<i>Reported in:</i>	Bulatao, R.A. Measures of happiness among Manila residents Philippine Sociological Review, 1973, vol. 2. p. 229-238		
<i>Population:</i>	21+ aged, general public, Metro Manila, Philippines, 1972		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	941		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* Closed question: not at all / once / more than once in the past week.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-BW/c/sq/l/11/a	G= +	Mal es : G = +. 19 Femal es : G = +. 24
O-HL/c/sq/v/3/f	G= +	Mal es : G = +. 06 Femal es : G = +. 46

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<b>Study</b>	<b>GEHMA 1990A</b>	<i>Page in Report:</i>	(20)
<i>Reported in:</i>	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)		
<i>Population:</i>	Railway employees, Austria, 1988		
<i>Sample:</i>			
<i>Non-Response:</i>	?		
<i>N:</i>	68		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* 0. no sporting  
1. some or much

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/c/sq/v/5/d	r=+.15	



<b>Study</b>	<b>GEHMA 1992B</b>	<i>Page in Report:</i>	177
<i>Reported in:</i>	Gehmacher, E. Sport, Gesundheit und Lebenszufriedenheit (Sport, Health and Life-satisfaction) Ehalt, H. Ch. & Weiss, O. (eds) Sport; Zwischen Disziplinierung und neuen sozialen Bewegungen p 170-184		
<i>Population:</i>	Military men, cadres, Austria, 1989		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	1350		

### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* Questions about current sportactivities  
 0. no sport  
 1. some sport for pleasure or health (gymnastics, jogging)  
 2. regular condition sporting  
 3. regular achievement sporting

*Measured Values:*

*Error Estimates:*

*Remarks:*

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLu/c/sq/n/5/a	DM=+ ns	0. M=3.14 1. M=3.19 2. M=3.29 3. M=3.28
	rpc= ns	rpc controlled for age, health, coping capacity and sporting in youth.  Path-analysis suggests that current sporting does not affect happiness directly, but fosters it slightly through effects on health (+.08) and coping capacity (+.02).

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<b>Study</b>	<b>MIELK 1997</b>	<i>Page in Report:</i>	43
<i>Reported in:</i>	Mielke,Ch. Wellbeing and fitness:an empirical analysis of life-,health-,and leisure-satisfaction of Dissertation,University of Cologne		
<i>Population:</i>	16+ aged, general public, non institutionalized, Germany, 1990-91		
<i>Sample:</i>	Probability systematic sample		
<i>Non-Response:</i>	onknown		
<i>N:</i>	6000		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* frequency of involvement in sports:  
 dai l y  
 .  
 .  
 .  
 .  
 never

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLu/c/sq/l/11/a	D%=18	%sati sfi ed wi th l i fe: dai l y: 66 never48

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<b>Study</b>	<b>NOELL1977/11</b>	<i>Page in Report:</i>	235
<i>Reported in:</i>	Noelle-Neumann, E. Politik un Glück (Politics and happiness) H. Baier (ed.) Freiheit und Sachzwang, Westdeutscher Verlag, Opladen, 1977, 208 - 262		
<i>Population:</i>	16-29 aged and pensioners, West-Germany, 1976		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	890		

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### Measured Correlate

<i>Class:</i>	Active involvement in sports Code: S 12.2.1
<i>Measurement:</i>	Single direct question on sports played in the last 12 months: - often - sometimes - not
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CA/mh/ri/v/2/b	D%=+	In both categories the cheerful claim more sportactivities by themselves. Exception: young sometimes: 55%, pensioners 65%

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<b>Study</b>	<b>SCHUL 1985B</b>	<i>Page in Report:</i>	52,54
<i>Reported in:</i>	Schulz, W.; Költringer, R.; Norden, G.; Tüchler, H. Lebensqualität in Österreich (Quality-of-life in Austria) Research paper nr 10/1, Institut für Soziologie, University of Vienna, Austria 1985		
<i>Population:</i>	Adults, non-institutionalized, Austria, 1984		
<i>Sample:</i>			
<i>Non-Response:</i>	?		
<i>N:</i>	1776		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* Direct question: "Do you undertake physical fitness activities at least weekly? No, I have sufficient physical movement/No/Yes".

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-QL?/c/mq/v/5/a	r=+.13 Beta=+.0 p<.05	β controlled for: gender, age, community size, education, professional status, marital status, income, body weight, healthy eating habits, weight control, alcohol consumption, psychosomatic complains, illness and satisfaction with health.

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<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	34
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

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### Measured Correlate

*Class:* Active involvement in sports Code: S 12.2.1

*Measurement:* Question: infrequently or never / some / frequently.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G=+.14 p<.	Mal es : G = +.04 (ns) Femal es : G = +.24 (01)
O-SLL/c/sq/v/3/a	G=+.10 ns	Mal es : G = +.07 (ns) Femal es : G = +.16 (ns)

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<b>Study</b>	<b>SONDE 1975</b>	<i>Page in Report:</i>
<i>Reported in:</i>	Sondermeijer, B. Health correlates of happiness Unpublished report, 1975, Rotterdam.	
<i>Population:</i>	40-60 aged male employees, Rotterdam, The Netherlands, 197?	
<i>Sample:</i>		
<i>Non-Response:</i>	5%	
<i>N:</i>	13,000	

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### Measured Correlate

<i>Class:</i>	Active involvement in sports Code: S 12.2.1
<i>Measurement:</i>	Single direct question: 0 No 1 Yes
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
M-FH/g/sq/v/2/a	G=+.07 ns	
	G=+.07 ns	

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<b>Study</b>	<b>WASHB 1941</b>	<i>Page in Report:</i>	283
<i>Reported in:</i>	Washburne, J.N. Factors related to the social adjustment of college girls. Journal of social Psychology, 1941, vol. 13, p. 281 -189.		
<i>Population:</i>	Female college students, New York, USA, 194?		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	238		

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### Measured Correlate

<i>Class:</i>	Active involvement in sports Code: S 12.2.1
<i>Measurement:</i>	0 No sports 1 Sports
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
M-CO/??q/?/0/a	D%=+ p<.s	L-shaped curve: significant relationship among the more unhappy students only.
	SNR= + p<. s	L-shaped curve: significant relationship among the more unhappy students only.

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<b>Study</b>	<b>BRADB 1965/1</b>	<i>Page in Report:</i>	48
<i>Reported in:</i>	Bradburn, N.M. & Caplovitz D. Reports on happiness Aldine Publishing Company, 1965, Chicago USA		
<i>Population:</i>	Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	2006		

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### Measured Correlate

*Class:* Passive involvement in sports Code: S 12.2.2

*Measurement:* Closed question: not at all / once / several times / every day / more than once a day during last week.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-BB/cw/mq/v/4/e	G= + p<	Index of Positive Affects : G' = +.19 (01) - Unaffected by sex - High S. E. S. : G' = +.15 (05) - Low S. E. S. : G' = +.07 (ns)
		Unrelated to Index of Negative Affects.



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<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	34
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

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### Measured Correlate

*Class:* Passive involvement in sports Code: S 12.2.2

*Measurement:* Question: not at all / sometimes / thoroughly

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G= + p<.	Mal es : G = +. 13 (ns) Femal es : G = +. 28 (05)
O-SLL/c/sq/v/3/a	G= + p<.	Mal es : G = +. 26 (ns) Femal es : G = +. 29 (05)

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<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	34
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

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### Measured Correlate

*Class:* Passive involvement in sports Code: S 12.2.2

*Measurement:* Question: infrequently or never / some- times / frequently

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G=+.19 p<.	Mal es : G = +.08 (ns) Femal es : G = +.33 (01)
O-SLL/c/sq/v/3/a	G=+.20 p<.	Femal es : G = +.30 (05) Mal es : G = +.15 (ns)

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<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	34
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

---

### Measured Correlate

*Class:* Passive involvement in sports Code: S 12.2.2

*Measurement:* Question: infrequently or never / some- times / frequently

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G= + p<.	Mal es : G = +. 23 (ns) Femal es : G = +. 39 (01)
O-SLL/c/sq/v/3/a	G= + p<.	Mal es : G = +. 29 (ns) Femal es : G = +. 33 (01)

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<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	32
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

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### Measured Correlate

*Class:* Passive involvement in sports Code: S 12.2.2

*Measurement:* Measurement by having respondents match a 12-item list of famous sports personalities with their appropriate sports sphere.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G=+.07	
O-SLL/c/sq/v/3/a	G=+.07	

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<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	32
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

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### Measured Correlate

*Class:* Passive involvement in sports Code: S 12.2.2

*Measurement:* 5-item index of questions on playing sports, watching sports, talking about sports, reading sports page, and subscribe/read sportsmagazines.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G=+.24	Stronger among females. Lower among males.
O-SLL/c/sq/v/3/a	G=+.23	Stronger among females. Lower among males.

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<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	34
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

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### Measured Correlate

*Class:* Passive involvement in sports Code: S 12.2.2

*Measurement:* Question: yes / no

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G= + ns	Mal es : G = +. 01 (ns) Femal es : G = +. 19 (ns)
O-SLL/c/sq/v/3/a	G= + ns	Mal es : G = +. 11 (ns) Femal es : G = +. 25 (ns)

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<b>Study</b>	<b>WEBB 1915/1</b>	<i>Page in Report:</i>	26
<i>Reported in:</i>	Webb, E. Character and intelligence. An attempt at an exact study of character. London, 1915, Cambridge University Press.		
<i>Population:</i>	Male college students, England, 1912		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	194		

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### Measured Correlate

*Class:* Skilledness in sports Code: S 12.2.3

*Measurement:* Rating of skill in and devotion to athletics on 7-point scales by (student) captains of various athletic clubs and by a staff member.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/rdp/ro/7/a	r=+.39	

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<b>Study</b>	<b>WEBB 1915/2</b>	<i>Page in Report:</i>	27
<i>Reported in:</i>	Webb, E. Character and intelligence. An attempt at an exact study of character. London, 1915, Cambridge University Press.		
<i>Population:</i>	±12 aged, male school pupils, London, England, 1912		
<i>Sample:</i>			
<i>Non-Response:</i>	-		
<i>N:</i>	140		

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### Measured Correlate

*Class:* Skilledness in sports Code: S 12.2.3

*Measurement:* Class-master rating of skill in and devotion to athletics on a 7-point scale on the basis of observation during 6 months.

*Measured Values:*

*Error Estimates:*

*Remarks:*

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### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/g/rdt/ro/7/a	r=+.30	



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<b>Study</b>	<b>SNYDE 1975</b>	<i>Page in Report:</i>	195
<i>Reported in:</i>	Snyder, E.E. & Kivlin, J.E. Women athletes and aspects of psychological well-being and body image. Research Quarterly, 1975, vol. 46, p. 191-199.		
<i>Population:</i>	Female athletes and controls, USA, 197?		
<i>Sample:</i>			
<i>Non-Response:</i>	Sample II: 35%		
<i>N:</i>	603		

---

### Measured Correlate

*Class:* Kind of sport practiced Code: S 12.2.4

*Measurement:*

0. Controls: a class of sociology students.
1. Athletes: participants in National Championship or Olympic tryout in 1972.

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-AOL/g/sq/v/4/a	G=+.39 p<. 01	
M-TH/g/sq/v/4/c	G=+.32 p<. 01	
M-TH/g/sq/v/4/d	G=+.32 p<. 01	

---

<b>Study</b>	<b>SNYDE 1975</b>	<i>Page in Report:</i>	197
<i>Reported in:</i>	Snyder, E.E. & Kivlin, J.E. Women athletes and aspects of psychological well-being and body image. Research Quarterly, 1975, vol. 46, p. 191-199.		
<i>Population:</i>	Female athletes and controls, USA, 197?		
<i>Sample:</i>			
<i>Non-Response:</i>	Sample II: 35%		
<i>N:</i>	603		

---

### Measured Correlate

<i>Class:</i>	Kind of sport practiced Code: S 12.2.4
<i>Measurement:</i>	0. Basketball players 1. Gymnasts
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-AOL/g/sq/v/4/a	G=+.17 ns	Computed for athletes only.
M-TH/g/sq/v/4/c	G=+.12 ns	Computed for athletes only.
M-TH/g/sq/v/4/d	G=+.22 ns	Computed for athletes only.

---

<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	35
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

---

### Measured Correlate

*Class:* Perceived usefulness of sports Code: S 12.3.1

*Measurement:* Question: disagree / not sure / agree

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G= + ns	Mal es : G = +.06 (ns) Femal es : G = +.13 (ns)
O-SLL/c/sq/v/3/a	G= + ns	Mal es : G = +.15 (ns) Femal es : G = +.08 (ns)

---

<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	35
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

---

### Measured Correlate

*Class:* Perceived usefulness of sports Code: S 12.3.1

*Measurement:* Question: disagree / not sure / agree

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G= - ns	Mal es : G = -.26 (ns) Femal es : G = -.10 (ns)
O-SLL/c/sq/v/3/a	G= - ns	Mal es : G = -.36 (01) Femal es : G = -.08 (ns)

---

<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	32
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

---

### Measured Correlate

*Class:* Perceived usefulness of sports Code: S 12.3.1

*Measurement:* 4-item index of agree/disagree statements on sports are a way to relax, sports are a waste of time, little satisfaction received from sports and sports are a help against worries and pressures.  
Question: disagree / not sure / agree

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G=+.16 p<	Unaffected by sex
O-SLL/c/sq/v/3/a	G=+.15	Stronger among males Lower among females

---

<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	35
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

---

### Measured Correlate

*Class:* Perceived usefulness of sports Code: S 12.3.1

*Measurement:* Question: disagree / not sure / agree

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G= + ns	Mal es : G = +.02 (ns) Femal es : G = +.03 (ns)
O-SLL/c/sq/v/3/a	G= + ns	Mal es : G = +.13 (ns) Femal es : G = +.03 (ns)

---

<b>Study</b>	<b>SHICH 1984</b>	<i>Page in Report:</i>	234
<i>Reported in:</i>	Shichman, S.; Cooper, E. Life Satisfaction and Sex-Role Concept Sex Roles, Vol 11, 1984, p.227-240		
<i>Population:</i>	Adults, students and churchmembers, USA, 198?		
<i>Sample:</i>			
<i>Non-Response:</i>	5,9 %		
<i>N:</i>	217		

---

### Measured Correlate

*Class:* Satisfaction with sporting Code: S 12.3.2

*Measurement:* Single direct questions on both satisfaction and dissatisfaction with sports.

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-SLu/u/sq/v/4/a	r=-.18 p<.01	dissatisfaction

---

<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	35
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

---

### Measured Correlate

*Class:* Satisfaction with sporting Code: S 12.3.2

*Measurement:* Question: disagree / not sure / agree

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G=-.25 ns	Unaffected by sex
O-SLL/c/sq/v/3/a	G= - p<.	Mal es G = +. 02 (ns) Femal es G = -. 25 (ns)



---

<b>Study</b>	<b>SNYDE 1974</b>	<i>Page in Report:</i>	35
<i>Reported in:</i>	Snyder, E.E. & Spreitzer, E.A. Involvement in sports and psychological well-being International Journal of Sport Psychology, 1974, vol. 5, p. 28-40		
<i>Population:</i>	Adult, general public, Toledo, Ohio, USA, 1973		
<i>Sample:</i>			
<i>Non-Response:</i>	46%		
<i>N:</i>	510		

---

### Measured Correlate

*Class:* Satisfaction with sporting Code: S 12.3.2

*Measurement:* Question whether one receives little satisfaction from sports:  
disagree / not sure / agree.

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

### Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
O-HL/u/sq/v/3/a	G=-.25 ns	Unaffected by sex
O-SLL/c/sq/v/3/a	G= - p<.	Mal es : G = -.33 (.01) Femal es : G = -.25 (ns)

---

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

*Happiness Query Code*    *Full Text*

---

A-AOL/g/sq/v/4/a

Selfreport on single question:

".....generally feel in good spirits..."

(Full text not reported)

4 most of the time

3 much of the time

2 some of the time

1 seldom.

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

Interviewer-rating of cheerfulness:

Altogether the respondent looks.....

2 quite cheerfull

1 not too cheerfull

- difficult to say

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

Original text in German:

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

A-CP/q/rdp/ro/7/a

Peer rating on single question (based on contact during 6 months):

Rater instruction: "personal qualities are named and briefly annotated in this schedule. If you have any doubt as to the meaning of any of them, please ask me (investigator)

2. In the columns under each subject's name, place one of the marks for each of the qualities specified (+3, +2, +1, 0, -1, -2, -3) To avoid errors, please put the + sign as well as the -

'General tendency to be 'cheerful' (as opposed to being depressed and low spirited)

+3 very high compared to average  
 +2 distinctly above average  
 +1 slightly above average  
 0 average  
 -1 slightly below average  
 -2 distinctly below average  
 -3 lowest as compared to average

A-CP/q/rdt/ro/7/a

Teacher rating on single question:

1 Personal qualities are named and briefly annotated in this schedule.  
 2. In the columns under each pupil's name, place one of the marks for each of the qualities specified (+3, +2, +1, 0, -1, -2, -3) To avoid errors, please put the + sign as well as the -

'General tendency to be 'cheerful' (as opposed to being depressed and low spirited)

+3 very high compared to average  
 +2 distinctly above average  
 +1 slightly above average  
 0 average  
 -1 slightly below average  
 -2 distinctly below average  
 -3 lowest as compared to average

M-CO/?/?q/?/0/a

Selfreport on multiple questions:

Questions indicated both happiness and a sense of contentment and well-being (Full questions not reported)

Summation: not reported

---

M-FH/g/sq/v/2/a	Name: `Happiness subtest' of Wasburne's `Social Adjustment Scale'. Selfreport on single question:
	"Are you generally satisfied? " 2 yes 1 no
M-TH/g/sq/v/4/c	Self report on single question:
	" Find much happiness in life....?" (Full lead itme not reported) d most of the time 4 much of the time 3 some of the time 2 seldom 1 never
M-TH/g/sq/v/4/d	Selfreport on single question:
	".....very satisfied with life....." (Full question not reported) 4 most of the time 3 much of the time 2 some of the time 1 seldom
O-BW/c/sq/l/11/a	Selfreport on single question:
	"Here is a picture of a ladder. Suppose we say that the top of the ladder respresents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?" [ 10 ] best possible life [ 9 ] [ 8 ] [ 7 ] [ 6 ] [ 5 ] [ 4 ] [ 3 ] [ 2 ] [ 1 ] [ 0 ] worst possible life
	Preceded by 1) open questions about what the respondent imagines as the best possible life and the worst possible life. 2) ratings on the ladder of one's life five years ago and where on the ladder one expects to stand five years from now.
O-HL/c/sq/v/3/f	Name: Cantril's selfanchoring ladder rating of life (original) Selfreport on single question:
	"Considering everything that has happened to you recently, how would you say

---

---

	<p>things are with you - would you say you are.....?"</p> <p>3 very happy 2 pretty happy 1 not too happy</p>
O-HL/c/sq/v/5/d	<p>Selfreport on single question:</p> <p>"Taking your life as a whole, are you.....?"</p> <p>5 very happy 4 quite happy 3 more happy than unhappy 2 more unhappy than happy 1 quite unhappy</p>
	<p>In German:</p> <p>"Wenn Sie Ihr Leben jetzt alles im allem betrachten, sind Sie.....?"</p> <p>e sehr glücklich d ziemlich glücklich c eher glücklich b eher unglücklich a ziemlich unglücklich</p>
O-HL/u/sq/v/3/a	<p>Selfreport on single question:</p> <p>"Taking all together: how happy would you say you are? Would you say you are.....?"</p> <p>3 very happy 2 pretty happy 1 not too happy</p>
O-HP/u/sq/v/5/a	<p>Selfreport on single question</p> <p>"To what extend do you consider yourself a happy person.....?"</p> <p>5 very happy 4 happy 3 neither happy nor unhappy 2 not very happy 1 unhappy</p>
	<p>In Dutch:</p> <p>"In welke mate vindt u zichzelf een gelukkig mens ?"</p> <p>5 erg gelukkig 4 gelukkig 3 niet gelukkig, niet ongelukkig 2 niet zo gelukkig 1 ongelukkig - weigert - weet niet</p>
O-QL?/c/mq/v/5/a	<p>Selfreport on 3 questions:</p> <p>A " When you consider your present life as-a-whole, would you say you are....?"</p>

---

- 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 mässig
- b eher gering
- a sehr gering
- keine Angabe

O-SLL/c/sq/v/3/a

Selfreport on single question:

---

O-SLu/c/sq/l/11/a	<p>"In general how satisfying do you find the way you are spending your life these days. Would you call it.....?"</p> <p>3 completely satisfying 2 pretty satisfying 1 not very satisfying</p> <p>Selfreport on single question :</p>
O-SLu/c/sq/n/5/a	<p>"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?"</p> <p>[ 10 ] entirely satisfied [ 9 ] [ 8 ] [ 7 ] [ 6 ] [ 5 ] [ 4 ] [ 3 ] [ 2 ] [ 1 ] [ 0 ] entirely dissatisfied</p> <p>Name Cantril ladder rating (modified version)</p> <p>Selfreport on single question:</p>
O-SLu/u/sq/v/4/a	<p>"All in all, are you currently satisfied with your life.....?"</p> <p>1 not satisfied 2 3 4 5 very satisfied (Originally presented horizontally)</p> <p>In German: "Sind Sie derzeit mit Ihrem Leben in grossen und ganzen zufrieden?"</p> <p>1 nicht zufrieden 2 3 4 5 sehr zufrieden</p> <p>Selfreport on single question:</p>
	<p>"Overall, how satisfied are you with your life.....?"</p> <p>4 very satisfied 3 satisfied 2 dissatisfied</p>

1 very dissatisfied.

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](http://www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm). This is the introductory text to the Catalog of Happiness Queries.



## Appendix 2 *Statistics used in reported studies*

<i>Symbol</i>	<i>Explanation</i>
Beta	<p>(<math>\beta</math>) STANDARDIZED REGRESSION COEFFICIENT            Type: test statistic.            Measurement level: Correlates: all metric, Happiness: metric.            Range: [-1 ; +1]</p> <p>Meaning:  <math>\beta &gt; 0</math> « a higher correlate level corresponds with, on an average, higher happiness rating.  <math>\beta &lt; 0</math> « a higher correlate level corresponds with, on an average, lower happiness rating.  <math>\beta = 0</math> « no correlation.  <math>\beta = +1</math> or <math>-1</math> « perfect correlation.</p>
D%	<p>DIFFERENCE in PERCENTAGES            Type: descriptive statistic only.            Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous            Range: [-100; +100]</p> <p>Meaning: the difference of the percentages happy people at two correlate levels.</p>
DM	<p>DIFFERENCE of MEANS            Type: descriptive statistic only.            Measurement level: Correlate: dichotomous, Happiness: metric            Range: depending on the happiness rating scale of the author; range symmetric about zero.</p> <p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.</p>
G	<p>GOODMAN &amp; Kruskal's GAMMA            Type: test statistic            Measurement level: Correlate: ordinal, Happiness: ordinal            Range: [-1; +1]</p> <p>Meaning:  <math>G = 0</math> « no rank correlation  <math>G = +1</math> « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.  <math>G = -1</math> « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.</p>
r	<p>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')            Type: test statistic.            Measurement level: Correlate: metric, Happiness: metric            Range: [-1; +1]</p> <p>Meaning:  <math>r = 0</math> « no correlation ,</p>

---

	<p><math>r = 1</math> « perfect correlation, where high correlate values correspond with high happiness values, and <math>r = -1</math> « perfect correlation, where high correlate values correspond with low happiness values.</p>
rpc	<p><b>PARTIAL CORRELATION COEFFICIENT</b> Type: test statistic Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1]</p> <p>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 <math>rpc &gt; 0</math> « a higher correlate level corresponds with a higher happiness rating, <math>rpc &lt; 0</math> « a higher correlate level corresponds with a lower happiness rating,</p>
SNR	<p>Statistic Not Reported</p>

On the web you will find a text explaining the statistics used in more detail. Go to: [www.eur.nl/fsw/research/happiness/hap\\_cor/cor\\_fp.htm](http://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.

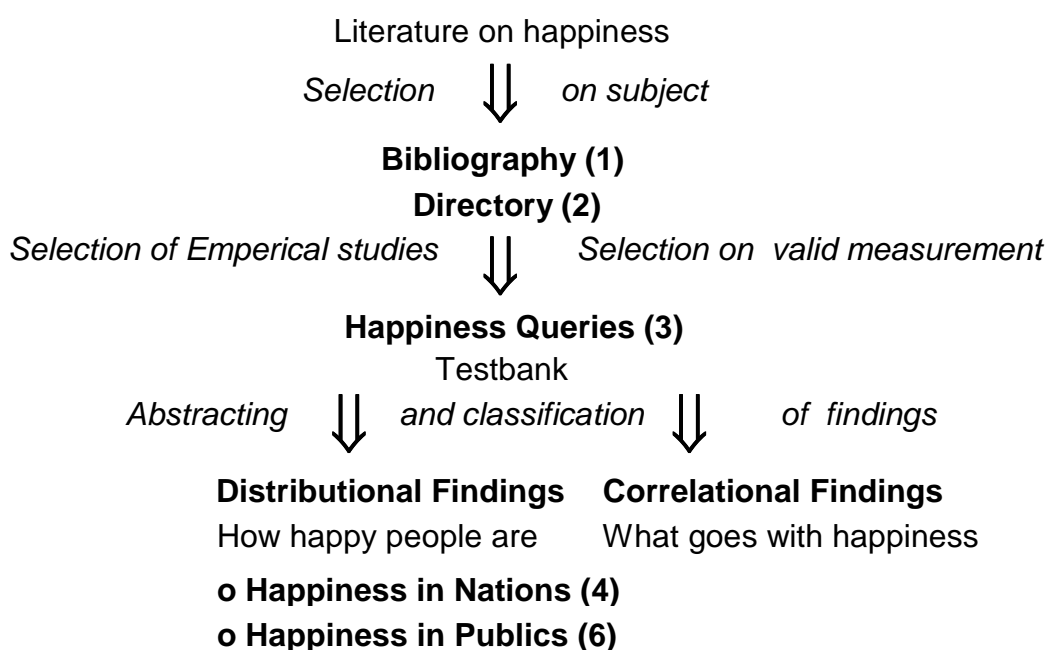
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## **Appendix 3: About the World Database of Happiness**

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

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- 
- 1    **BIBLIOGRAPHY OF HAPPINESS** Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 titles, mainly in English.
  - 2    **DIRECTORY OF INVESTIGATORS** Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.
  - 3    **CATALOG OF HAPPINESS QUERIES (testbank)** Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.
  - 4    **CATALOG OF HAPPINESS IN NATIONS** Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.
  - 5    **CATALOG OF HAPPINESS IN PUBLICS** Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.
  - 6    **CATALOG OF CORRELATIONAL FINDINGS** Presents abstracts of correlational research findings. Detailed subject-classification. Allows comparison through time and across nations. Current contents: 7476 findings from 705 studies in 140 nations, 1911-2000.
-

## **Appendix 4 Further Findings in the World Database of Happiness**

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

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H 3	HAPPINESS: ATTITUDES	39
H 5	HAPPINESS CAREER	144
H 6	HAPPINESS: CURRENT LEVEL	260
H 8	HEALTH-BEHAVIOR	15
H 9	HELPING	4
I 1	INCOME	415
I 2	INSTITUTIONAL LIVING	28
I 3	INTELLIGENCE	63
I 4	INTERESTS	5
I 5	INTERVIEW	49
I 6	INTIMACY	70
L 1	LANGUAGE	1
L 10	LOCAL ENVIRONMENT	270
L 11	LOTTERY	7
L 12	LOVE-LIFE	26
L 2	LEADERSHIP	8
L 3	LEISURE	128
L 4	LIFE APPRAISALS: OTHER THAN HAPPINESS4	290
L 5	LIFE-CHANGE	26
L 6	LIFE-EVENTS	63
L 7	LIFE-GOALS	52
L 8	LIFE HISTORY	1
L 9	LIFE STYLE	4
M 1	MARRIAGE: MARITAL STATUS CAREER	32
M 10	MIGRATION: MIGRANT WORK	3
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**End of Report**