

Nature of happiness training	Method of investigation				
	Cross-sectional had training versus did not have training		Longitudinal before versus after training		
			Change in treated group only	Difference with change in control group	
	Post-intervention	After follow-up	Post-intervention	After follow-up	
<b>Single kind of training</b>					
Best-possible-self exercise		+5.1	+1.6	+0.5	-2.3
Cognitive reframing		+13.7a		+12.5a	
Enlightenment about happiness		+0.8 +3.9	+3.2	-2.9	
Goal-setting training		+13.4/+10.4c +2.9	+11.9/+10.4c	+8.6/+9.5c +0.5a	-2.3a 0
		+3.6 +5.1a -1.3	+1.1 +1.6a +3.6	+4.3 0 0	
Laughter yoga		+8.6		+8.6	
List and practice perceived ways to happiness		+0.6/+7.2c			
Practice retrospective sources of happiness		+12.5		+12.5	
Live up to one's values		+1.0 +4.0	+2.5	+5.0 +7.8	+5.8
Meditation, mindfulness	+2.9	+4.1 +13.2 +4.6	+5.0 +5.6 +17.6	+8.0	-0.7 +16.7
		+18.0 +8.7		-0.6 +18.0 +9.0	
Novelty trying		+3.6a	+1.1a	0	0
Life-review exercise					-0.9/-4.6/0
Mood awareness training		+3.9/+3.7/+0.7c	+4.2/+3.7/+1.2c	+2.0/+4.0/+0.7c	+0.4/+1.1/+1.1c
			+18.9/+23.2c		
Positive thinking training		+2.4 +13.7 +4.0	+7.0	-0.4 +12.5 +5.0	-2.9
• Count blessings and curses		+6.5 0	+0.7 +2.4a	+1.5	
		-3.3a			
• Gratitude training	+12.3 -3.3 +14.0/+7.9c +5.4	+1.5 +2.4	-0.7	-0.8	-0.2
• Kindness training	+13.3/+6.0c	+0.6/-2.9c		+3.6/-4.0c	
• Recall of positive events		+1.9 +0.7a +3.0	+3.5 +1.5a	+4.0 +3.3	
		+4.9			
Savoring training		+1.3	+0.3	+1.6/+1.1c	-0.2/-0.1c

### Multiple kinds combined

Training of multiple mental skills

+19.5 +10.0 +6.7 +13.9 +30.8 +15.8 +29.0b +8.3 +3.4 +27.9b +10.4  
 +3.7 +3.6 +7.8 +0.4 +2.0 +3.5 +10.4  
 +5.9 +15.2/+14.8c +8.5 +23.8/+23.4b -10.8  
 +11.8/+14.8c +23.4/+25.4b

• Enlightenment + exercises

+4.0 +7.8/+19.6c +3.9  
 +8.7/+10.9/+18.5c  
 +3.6/+3.0/+10.1c  
 +21.6/+46.1b

### Participants and results\*

All studies

Nr of studies (n) 8 (630) 39 (3,539) 22 (2,126) 31 (3,562d) 14 (1,664d)

Mean change +5.6% +6.0% +7.7% +4.7% +1.8%

Care setting

Nr of studies (n) 3 (127) 2 (56) 2 (107) 2 (103d) 1 (152d)

Mean change +11% +12.6% +14.4% +8.5% +16.7%

Education setting

Nr of studies (n) 2 (322) 15 (1,623) 7 (953) 14 (2,011d) 4 (283d)

Mean change +1.6% +4.8% +3.6% +5.0% +0.2%

Mean % of change +1.6 +4.8 +3.6 +5.0 +0.2

Work setting

Nr of studies (n) 0 2 (64) 3 (163) 0 0

Mean change +17. % +10.3%

**Table 4** with context of happiness training indicated in colors. Numbers denote % change on scale range and link to a finding page in [World Database of Happiness](#). Click percentages change in upper part of the table to view the page. a: Not included in calculation of mean/median because study appears twice in a column. b: Not included in calculation of mean/median because of huge decline in happiness in control group (treated as outliers). c: Average value of multiple measures/multiple comparison groups used in calculation of mean/median. d: numbers of participants and controls added up. \*For detailed information on mean/median/range of sample size (see Supplementary Material).