

INSTRUCTIONS: Indicate how strongly you agree or disagree with each of the following statements by placing a check mark in one of the spaces between STRONGLY DISAGREE and STRONGLY AGREE. The closer you place your check mark to one end or the other indicates the strength of your agreement or disagreement. If you don't agree or disagree with a statement, place your check mark in the middle space. Please complete every item. We are interested in how you are thinking or feeling **right now** as you are filling out the questionnaire.

1. Smoking marijuana would be pleasant right now.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

2. I could not easily limit how much marijuana I smoked right now.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

3. Right now, I am making plans to use marijuana.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

4. I would feel more in control of things right now if I could smoke marijuana.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

5. Smoking marijuana would help me sleep better at night.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

6. If I smoked marijuana right now, I would feel less tense.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

7. I would not be able to control how much marijuana I smoked if I had some here.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

8. It would be great to smoke marijuana right now.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

9. I would feel less anxious if I smoked marijuana right now.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

10. I need to smoke marijuana now.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

11. If I were smoking marijuana right now, I would feel less nervous.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

12. Smoking marijuana would make me content.

STRONGLY DISAGREE ____ : ____ : ____ : ____ : ____ : ____ : ____ STRONGLY AGREE

Scoring of the 12-item Marijuana Craving Questionnaire (MCQ)

Factor analysis of the 47-item MCQ yielded four factors, which we have termed compulsivity, emotionality, expectancy, and purposefulness (Heishman et al. *Addiction* 96:1023-1034, 2001). The 12-item MCQ was constructed by selecting the three items from each factor that exhibited optimal within-factor reliability (Cronbach's alpha coefficient) and inter-item correlation.

All items are scored on a 1 to 7 scale (Strongly Disagree = 1 and Strongly Agree = 7). The scores of the three items in each factor should be summed for a total factor scale score (range 3 to 21).

FACTOR 1 (*Compulsivity*, alpha = 0.75, inter-item correlation = 0.50)

2. I could not easily limit how much marijuana I smoked right now.
7. I would not be able to control how much marijuana I smoked if I had some here.
10. I need to smoke marijuana now.

FACTOR 2 (*Emotionality*, alpha = 0.77, inter-item correlation = 0.52)

4. I would feel more in control of things right now if I could smoke marijuana.
6. If I smoked marijuana right now, I would feel less tense.
9. I would feel less anxious if I smoked marijuana right now.

FACTOR 3 (*Expectancy*, alpha = 0.55, inter-item correlation = 0.29)

5. Smoking marijuana would help me sleep better at night.
11. If I were smoking marijuana right now, I would feel less nervous.
12. Smoking marijuana would make me content.

FACTOR 4 (*Purposefulness*, alpha = 0.68, inter-item correlation = 0.42)

1. Smoking marijuana would be pleasant right now.
3. Right now, I am making plans to use marijuana.
8. It would be great to smoke marijuana right now.