

# Application form ESPAD database

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## **Person responsible for the database**

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## **List of authors (preliminary)**

A collaboration between the Trimbos Institute in Utrecht (ESPAD partner) and the Academic Medical Centre (AMC) in Amsterdam will be established:

- Drs. M.A.G. Kuipers
- Dr. A.E. Kunst
- Prof. dr. K. Stronks
- Dr. K. Monshouwer

## **Working title of the project**

Evaluation of tobacco control policy on socioeconomic inequalities in smoking initiation in a quasi-experimental and cross-national study design.

**Abstract** (Please describe objectives, methods and specify the research question(s), maximum 250 words.)

Background: Some work has been done on estimating the effects of national tobacco control strategies on smoking prevalence, but not in a cross-national comparative design.

Objective: Our objective is to evaluate the effects of tobacco control policy on smoking initiation among European adolescents. Possible policy measures to evaluate are price increases, tobacco sales bans and smoking bans in public places.

Research questions: Are trend changes in smoking initiation rates within European countries associated with national policy measures? To what extent do cross-national differences in tobacco control policies explain differences in observed national trends? What are the effects of tobacco control policies on socioeconomic inequalities in smoking initiation?

Methods: The ESPAD data will be analysed using a quasi-experimental design. For specific national tobacco control policy we will identify 'case' countries, and compare these with 'control' countries where this policy measure has not been implemented. In both case and control countries we measure smoking outcomes before and after implementation of policies and compare results. Suitable analytic (regression) techniques will be developed.

Expected results: We expect to see relatively large decrease in the prevalence of adolescents that have experimented with smoking in case countries after the introduction of tobacco control policies. Younger age groups and adolescents with low socioeconomic status (SES) might be more sensitive than older and higher SES individuals.

## **Planned type of publication**

Approximately 2 papers/articles for international publication, integrated in a PhD thesis.

## Questions to be included in the analysis

### 2003

1. What is your sex?
2. When were you born?
5. Which of the following best describes your average grade at the end of the last term?
6. On how many occasions (if any) during your lifetime have you smoked cigarettes?
7. How frequently have you smoked cigarettes during the LAST 30 DAYS?
29. When (if ever) did you FIRST do each of the following things?
34. How much do you think PEOPLE RISK harming themselves (physically or in other ways), if they.....
35. How difficult do you think it would be for you to get each of the following, if you wanted?
36. How many of your friends would you estimate ...
39. Does any of your older siblings ...
40. What is the highest level of schooling your father completed?
41. What is the highest level of schooling your mother completed?
42. How well off is your family compared to other families in your country?
43. Which of the following people live in the same household with you?
  - A1. If you wanted to smoke (or already do), do you think your father and mother would allow you to do so?
- A4. How satisfied are you usually with .....
- A5. How often do the following statements apply to you?
- C1. Below is a list of statements dealing with your general feelings about yourself.

### 2007

1. What is your sex?
2. When were you born?
5. Which of the following best describes your average grade at the end of the last term?
6. How difficult do you think it would be for you to get cigarettes if you wanted?
7. On how many occasions (if any) during your lifetime have you smoked cigarettes?
8. How frequently have you smoked cigarettes during the LAST 30 DAYS?
9. When (if ever) did you FIRST do each of the following things?
33. Think back of the LAST 30 DAYS. How much money have you spent on tobacco, alcohol and cannabis?
34. How many of your friends would you estimate ...
35. Do any of your older siblings ...
36. How much do you think PEOPLE RISK harming themselves (physically or in other ways), if they ...
37. What is the highest level of schooling your father completed?
38. What is the highest level of schooling your mother completed?
39. How well off is your family compared to other families in your country?
40. Which of the following people live in the same household with you?
42. How often do the following statements apply to you?
  - A1. If you wanted to smoke (or already do), do you think your father and mother would allow you to do so?
- A4. How satisfied are you usually with ...
- B1. Below is a list of statements dealing with your general feelings about yourself.

### 2011

- C01. What is your sex?
- C02. When were you born?
- C05. Which of the following best describes your average grade at the end of the last term?
- C07. How difficult do you think it would be for you to get cigarettes if you wanted?
- C08. On how many occasions (if any) during your lifetime have you smoked cigarettes?

- C09. How frequently have you smoked cigarettes during the LAST 30 DAYS?
- C10. When (if ever) did you FIRST do each of the following things?
- C33. Think back of the LAST 30 DAYS. How much money have you spent on tobacco, alcohol and cannabis?
- C34. How many of your friends would you estimate ...
- C35. Do any of your older siblings ...
- C36. How much do you think PEOPLE RISK harming themselves (physically or in other ways), if they ...
- C37. What is the highest level of schooling your father completed?
- C38. What is the highest level of schooling your mother completed?
- C39. How well off is your family compared to other families in your country?
- C40. Which of the following people live in the same household with you?
- C42. How often do the following statements apply to you?
- MA1. If you wanted to smoke (or already do), do you think your father and mother would allow you to do so?
- MA4. How satisfied are you usually with ...
- MB1. Below is a list of statements dealing with your general feelings about yourself.

**Countries to be included in the analysis**

All countries within the European Union, plus Iceland, Norway and Switzerland.