



## Application form for use of ESPAD Databases

**Date:** 20 February 2014

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**Are you an ESPAD Principal Investigator or Contact Person?**  Yes  
 No

**Which database(s) do you apply for?**  2003  
 2007 (Non-ESPAD researchers from July 1, 2013)  
 2011 (Non-ESPAD researchers from July 1, 2015)

**List of authors (preliminary):**

Lambrecht Patrick (PI)

Caroline Andries

Karl Andriessen

Karolina Krysinska

**Working title of the project:**

Adolescent substance use or abuse and suicide attempts.

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

The aim is to compare the relationship between substance use (tobacco, alcohol, cannabis and other illicit substance use) or abuse (of tobacco, alcohol, cannabis) among adolescents and their risk of suicide attempts and to examine the trend in suicide attempts (2003-2011) compared with data about suicide in European countries.

The association between substance (ab)use and suicide attempt controlled for gender, socio-economical status and parental will be determined using logistic regression analysis. Chi-square test will be used to identify statistically significant gender differences with respect to gender use and (multiple) substance use. Repeated measures Anova will be used for exploring trends in suicide attempts. The findings will be compared with the outcomes of the SBQ-r of Flanders. Included are the variables of the tree waves (2003, 2007, 2011 for the countries who had included questions about suicide attempts). The substance measures will use the prevalence and frequency rates of tobacco, alcohol, cannabis and other illicit substances, and the variables of the cannabis abuse screening test. Socio-economic status will be measured using the subjective welfare, the parental occupation and the parental education.

**Planned type of publication:**  Paper/article  Report  PhD  
 Other, which: Chapter book

**Questions (see Questionnaire(s)) to be included in the analysis:** (Please indicate the question numbers.)

2011: C01, C02, C08, C09, C12, C18, C19, C21, C25, C29, C30, C31, C37, C38, C39, C40, C42, MB1, MB2, MB5, MD1

2007: 1, 2, 7, 8, 9, 11, 17, 18, 24, 28, 29, 30, 37, 38, 39, 40, 42, B1, B2, B5, D1

2003: 1, 2, 6, 7, 8, 17, 19, 24, 25, 27, 28, 40, 41, 42, 43, C1, C2, C5

**Countries to be included in the analysis:**  All accessible countries

A more limited number of countries, namely:

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Non-ESPAD researchers should e-mail this document to an ESPAD Principal Investigator or Contact Person (see [www.espad.org](http://www.espad.org)), who will forward it to the coordinators.