Introduction

Among Americans there is a commonly held perception that American young people drink more frequently and experience more alcohol-related problems than do their European counterparts. This perception, in turn, is often utilized as argument for various changes in U.S. alcohol policies and prevention initiatives, including elimination of minimum drinking age laws and development of programs that teach ‘responsible’ drinking to young people.

Do European young people drink less and experience fewer problems than their American counterparts? Until recently data did not exist to easily answer this question, but new research demonstrates that this is not the case. In fact, in comparison with young people in the United States,

- a greater percentage of young people from nearly all European countries report drinking in the past 30 days.
- for a majority of these European countries, a greater percentage of young people report having five or more drinks in a row.
- about half of the European countries have intoxication rates among young people that are higher than the intoxication rates in the United States, about a quarter had lower rates, and about a quarter had equivalent rates as the United States.

Based on this analysis, the comparison of drinking rates and alcohol-related problems among young people in the United States and in European countries does not provide support for elimination of U.S. minimum drinking age laws or for the implementation programs to teach ‘responsible’ drinking to young people.

European School Survey Project on Alcohol and Other Drugs (ESPAD)

The ESPAD survey collected data in 1995 from 15- to 16-year-old students in 26 European countries. The data were obtained using anonymous self-administered in-school surveys. Sample sizes ranged from 543 (Faroe Islands) to
8,940 (Poland). The samples were designed to be nationally representative in each case. Because not all questions were asked in all countries, the data reported here are based on somewhat fewer than 26 countries. A detailed report on the methods and findings from the ESPAD survey is available (Hibell, Andersson, Bjarnason, Kokkevi, Morgan, & Narusk, 1997).

**Monitoring the Future Survey (MTF)**

The MTF survey is conducted annually among 8th, 10th, and 12th graders in the United States. The samples are designed to be nationally representative of students in those grade levels. The data reported here are for the 10th grade sample because it represents the same age group that was included in the ESPAD surveys. The 10th grade MTF survey comprises an anonymous self-administered questionnaire given in the school setting. The 1995 MTF survey included 17,285 10th graders. Detailed descriptions of the MTF methods and findings may be found on the Internet (http://monitoringthefuture.org/) or in a series of publications available from the National Institute on Drug Abuse (e.g., Johnston, O’Malley, & Bachman, 2000).

**Comparability**

The questionnaire for the ESPAD survey was closely modeled after the MTF survey. Most of the questions from the two surveys map closely onto one another. One notable difference is in the heavy episodic or binge drinking question (i.e., “how many times have you had five or more drinks in a row?”). Specifically, the ESPAD survey asks this question in terms of the last 30 days whereas the MTF survey asks about the previous 2 weeks.

**Results**

**Prevalence of Drinking in Past 30 Days**

Figure 1 shows the percentage of young people in 21 European countries and the United States reporting that they had at least one drink of any alcoholic beverage during the past 30 days. These 30-day prevalence rates are often used as an indicator of the number of current or regular drinkers in a population. In the 1995 MTF survey, 39 percent of 10th graders reported that they had a drink in the past 30 days. It is clear from Figure 1 that the United States is a low consumption country by European standards. With the exception of Croatia, every European country in the ESPAD survey had higher prevalence rates. In most cases, the rates of current drinking far exceeded those observed in the United States. Croatia and the United States had equivalent prevalence rates on this measure.

![Figure 1: Prevalence of Drinking in Past 30 Days: United States and Europe](image)

Sources: 1995 ESPAD Survey and 1995 Monitoring the Future Survey

**Prevalence of Having Five or More Drinks in a Row**

Although the data in Figure 1 show that fewer American adolescents are current drinkers than is the case for a vast majority of European countries, what is not clear is if the patterns of drinking are such that European adolescents are more at risk for problems. It may be, for example, that more of them drink, but do so moderately in a family context. Consuming five or more drinks in a row is one measure of heavy episodic or binge drinking that is frequently used. This style of drinking is known to be associated with increased risk for a number of problems including DUI, fighting, truancy, and involvement in criminal activities such as theft, burglary, and assault (e.g., OJJDP, 2000; Wechsler, Molnar, Davenport, & Baer, 1999). The prevalence of binge drinking from the ESPAD and MTF surveys is shown in Figure 2. If the early socialization to drinking that is assumed to be typical of Europe is such that it fosters responsible drinking, then we would expect to see much lower rates of binge drinking there than in the United States. Contrary to these expectations, U.S. adolescents show lower prevalence rates for drinking five or more drinks in a row than most European countries in the ESPAD survey. In

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1The sample for Turkey was limited to Istanbul and was not nationally representative. Classroom nonparticipation for Latvia was very high (51%), calling the representativeness of that sample into question also. Data for Turkey and Latvia are therefore not presented in this report.
many cases, the percentage of young people reporting
drinking five or more drinks in a row is considerably higher
than that for the United States. Only Portugal (14 percent)
has a substantially lower rate than is seen for the United
States (24 percent). It should be noted that the rates for the
United States are lower than those for Italy (31 percent),
Greece (33 percent), and Spain (39 percent), countries that
could be considered typically southern European.

Intoxication

Another measure of problematic drinking is intoxication.
Unlike the measures of binge drinking, the items addressing
intoxication were identical between the ESPAD and MTF
surveys. Thus, direct comparisons can be made with cer-
tainty. As with binge drinking, intoxication is associated
with a wide variety of personal and social problems. To the
extent that the more liberal policies and attitudes toward
drinking in Europe contribute to a more responsible drink-
ing style among adolescents, one would expect to find
lower rates of intoxication among young Europeans.

Figure 3 displays the 30-day prevalence rates for self-
reported intoxication for European and American adoles-
cents. As with binge drinking, adolescents from the United
States show a moderate rate of intoxication (21 percent)
compared with their European peers. The United States is
higher on this measure than some countries (e.g., Portugal,
Cyprus, Greece), lower than others (e.g., Denmark, Finland,
Ireland, United Kingdom), and essentially equivalent to still
others (e.g., Italy, Poland, Hungary, Slovenia). There is no
evidence that the stricter laws and policies regarding drink-
ing by young people in the United States are associated
with higher rates of intoxication. Equally, there is no evi-
dence that the more liberal policies and drinking socializa-
tion practices in Europe are associated with lower levels of
intoxication.

Summary

Recent data from representative surveys provide no evi-
dence that young Europeans drink more responsibly than
their counterparts in the United States.

- A greater percentage of young people from nearly
  all European countries in the survey report drink-
ing in the past 30 days.
- For a majority of these European countries, a
greater percentage of young people report having
five or more drinks in a row. Only for Portugal did
a lower percentage of young people report this
behavior.
- About half of the European countries in the survey
had higher prevalence rates for self-reported intox-
ication than the United States, about a quarter had
lower rates, and about a quarter had rates that were
more or less the same as the United States.
References


“Leadership to Keep Children Alcohol Free” is a multi-year public-private partnership developed to combat the number one drug of choice among children—alcohol. The initiative was prompted because children are using alcohol at young ages with health consequences that can persist into adulthood. The initiative enlists the active support of Governors’ spouses as catalysts to create a momentum for change, with a focus on children 9 to 15. The partnership is funded by the National Institute on Alcohol Abuse and Alcoholism; The Robert Wood Johnson Foundation; Office of Research on Women’s Health; Office of Research on Minority Health; Office of Juvenile Justice and Delinquency Prevention, U.S. Department of Justice; National Highway Traffic Safety Administration; and Substance Abuse and Mental Health Services Administration.

This guide was written and analysis developed by Joel Grube, Ph.D., Prevention Research Center, in response to a request from the “Leadership to Keep Children Alcohol Free.”