

monitoring **the future**
occasional paper series

paper 67

**DEMOGRAPHIC SUBGROUP TRENDS FOR VARIOUS
LICIT AND ILLICIT DRUGS, 1975–2006**

Lloyd D. Johnston
Patrick M. O'Malley
Jerald G. Bachman
John E. Schulenberg

Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth

As its title suggests, this study is intended to assess the changing lifestyles, values, and preferences of American youth on a continuing basis. Each year since 1975 about 17,000 seniors have participated in the annual survey, which is conducted in some 130 high schools nationwide. In addition, subsamples of seniors from previously participating classes receive follow-up questionnaires by mail each year.

This Occasional Paper Series is intended to disseminate a variety of products from the study, including pre-publication (and somewhat more detailed) versions of journal articles, other substantive articles, and methodological papers.

A full listing of occasional papers and other study reports is available from Monitoring the Future, Institute for Social Research, The University of Michigan, P.O. Box 1248, Ann Arbor, MI 48106.

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Demographic Subgroup Trends for Various Licit and Illicit Drugs

1975–2006

Monitoring the Future Occasional Paper 67

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The University of Michigan
Institute for Social Research
Ann Arbor, MI
2007

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INTRODUCTION

This occasional paper serves as a supplement to the first of two annual monographs from the Monitoring the Future study, published by the study's sponsor, the National Institute on Drug Abuse. The full 2006 survey results are reported in *Monitoring the Future National Survey Results on Drug Use, 1975–2006: Volume I, Secondary School Students*.¹ That monograph, which can be accessed on the Monitoring the Future Web site, contains a description of the design and purposes of the Monitoring the Future study, so that information is not repeated here.

Volume I also contains (in appendix D) tabular data on trends in drug use for various demographic subgroups for each of the many drugs under study. The present occasional paper contains the *graphic* presentations of those subgroup trends because graphic presentations are much easier to comprehend. (Showing the trends in color greatly facilitates the differentiation of the various trend lines in each graph.) The graphic presentations have not been included in *Volume I* due both to their length and the cost of printing them in color.

The demographic subgroups covered here (identical to those covered in *Volume I*) are based on:

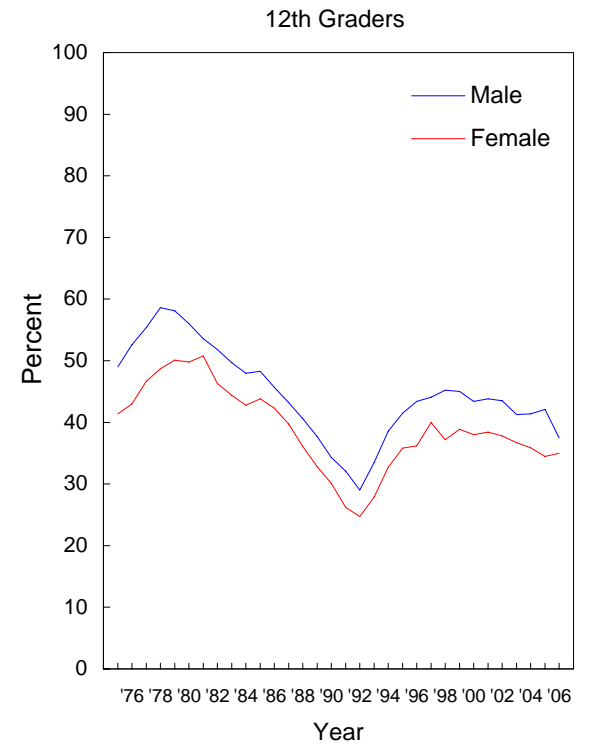
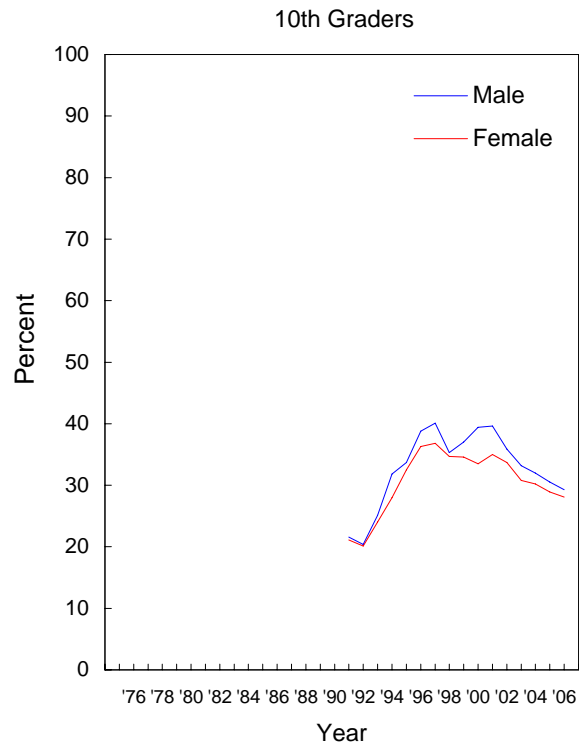
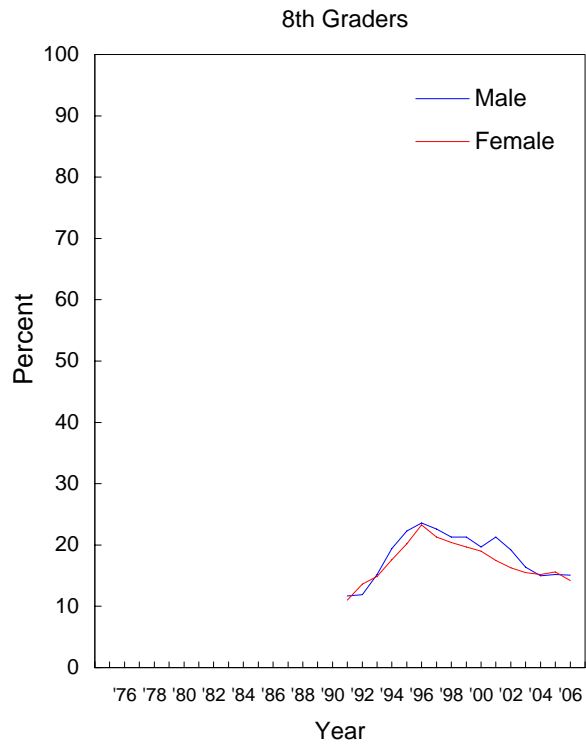
- Gender
- College plans
- Region of the country
- Population density
- Education level of the parents (a proxy for socioeconomic level)
- Racial/ethnic identification

Trend data are presented for 12th-grade respondents beginning with 1975, the first year in which nationally representative samples of high school seniors were surveyed. Trend data for 8th and 10th grades are presented beginning with 1991, when those grade levels were added to the study design. The numerical information upon which these graphics are based is contained in the relevant appendix D tables of the full volume. Detailed definitions of the demographic categories are given in appendix B of that volume. For the reader's convenience, both appendix B and appendix D from *Volume I* have also been included in this occasional paper.

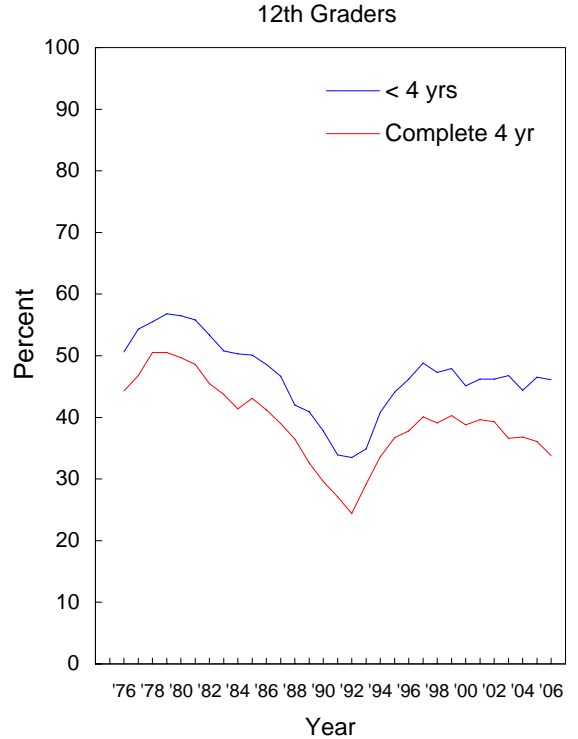
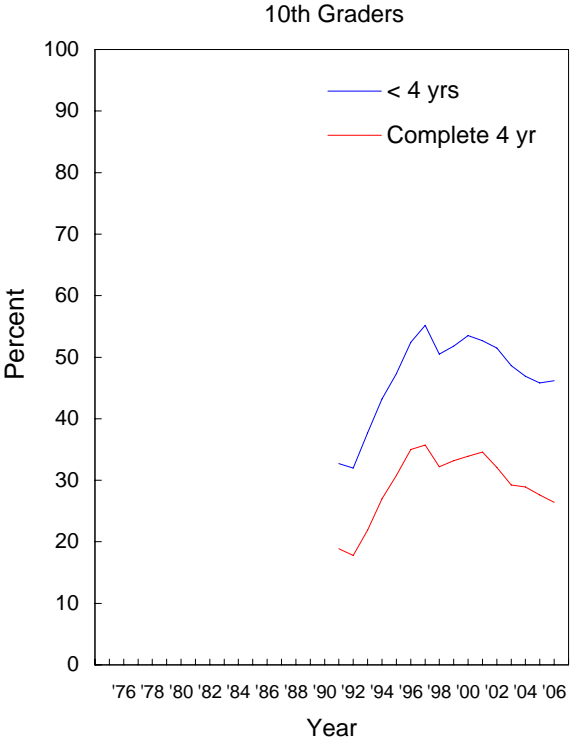
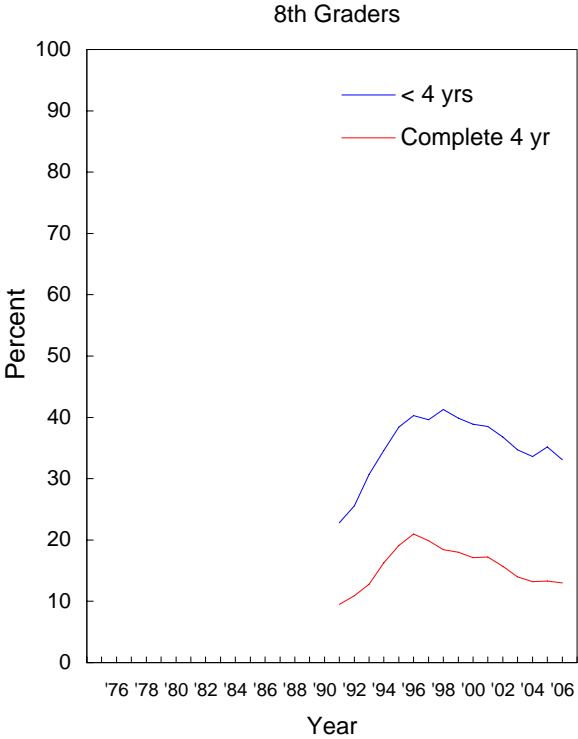
This occasional paper is available only in electronic form. The larger *Volume I*, which it supplements, is available both on the Web site and in printed form.

¹Johnston, L. D., O'Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2007). *Monitoring the Future national survey results on drug use, 1975-2006. Volume I: Secondary school students* (NIH Publication No. 07-6205). Bethesda, MD: National Institute on Drug Abuse. (Also available online at www.monitoringthefuture.org. Look under "Publications," and then under "Monographs.") This monograph should be available in hard-copy form in August 2007.

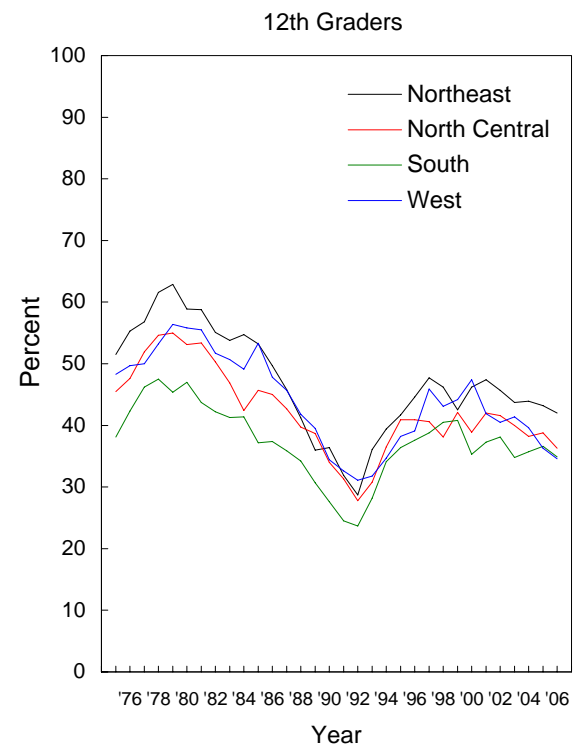
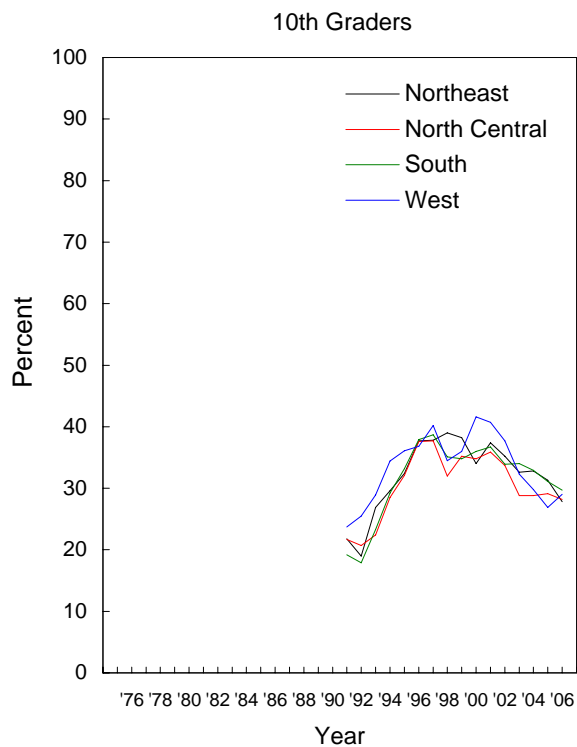
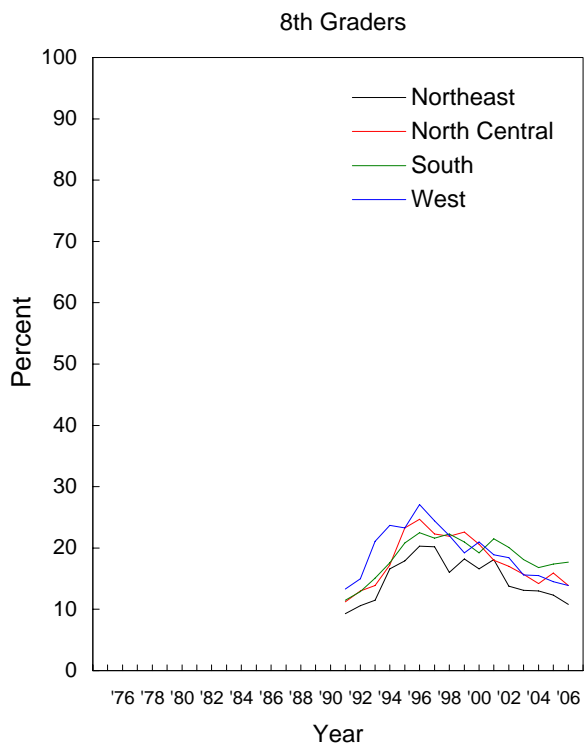
Any Illicit Drug: Trends in Annual Prevalence by Gender



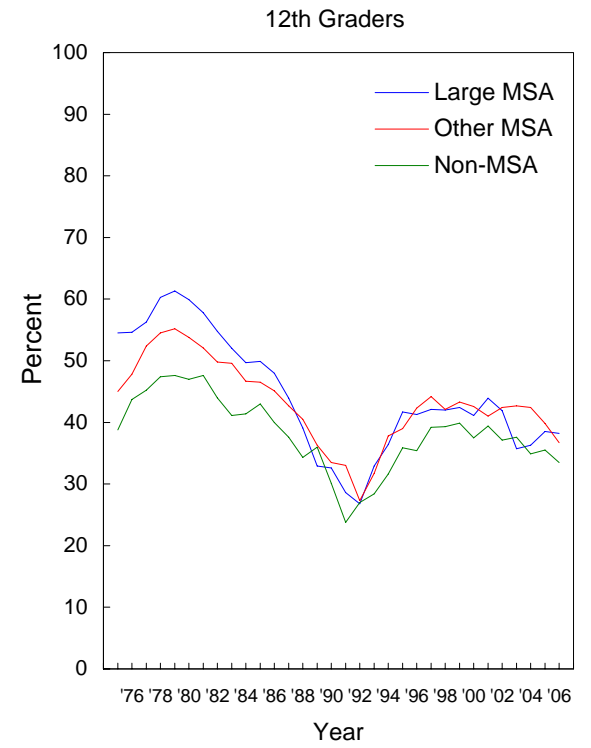
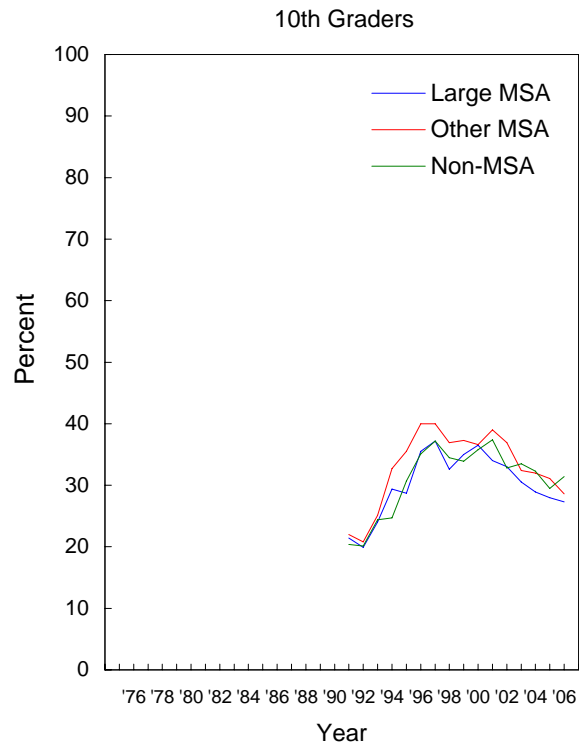
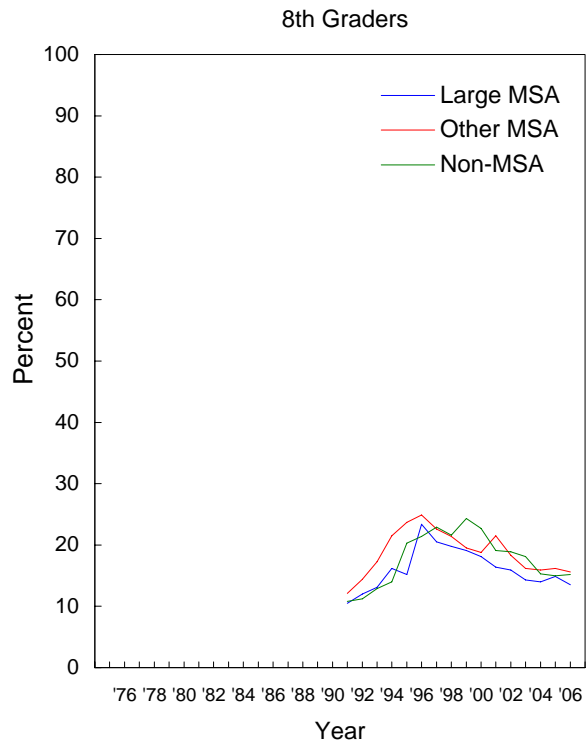
Any Illicit Drug: Trends in Annual Prevalence by College Plans



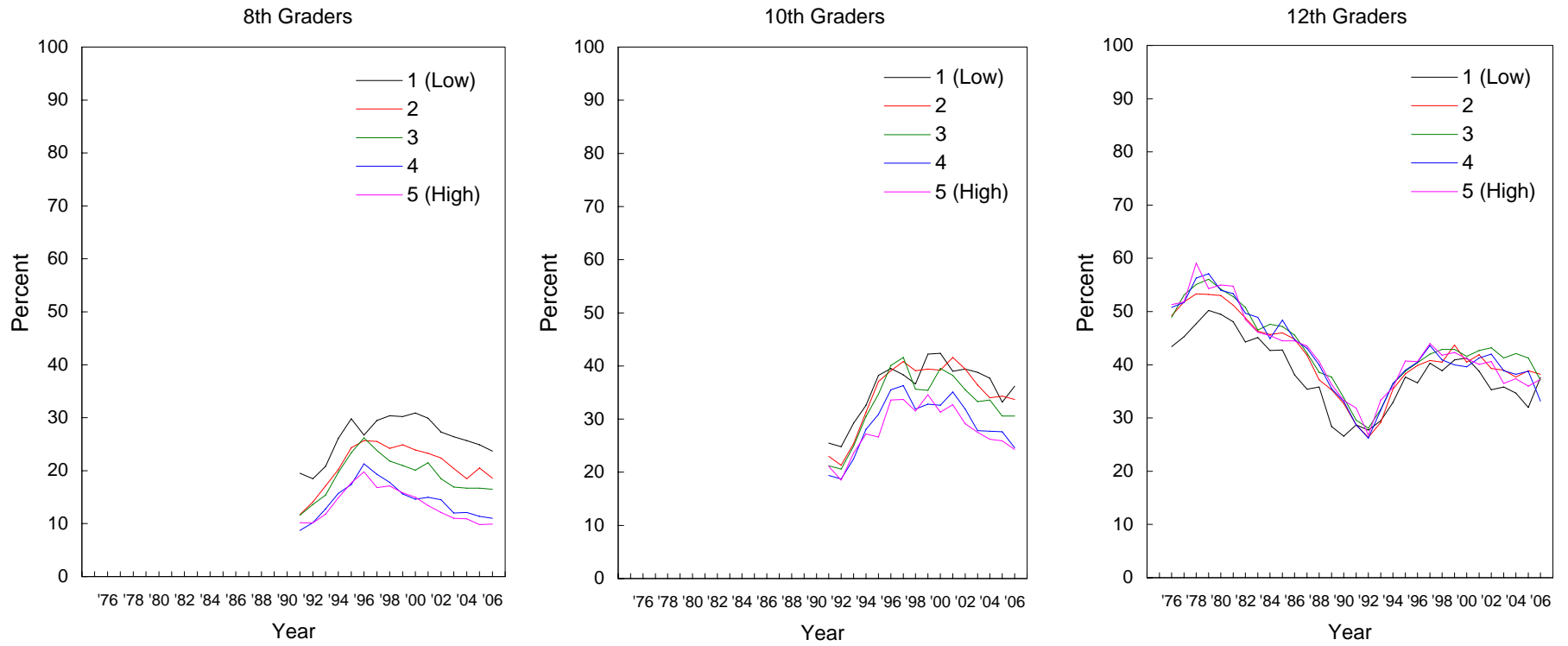
Any Illicit Drug: Trends in Annual Prevalence by Region



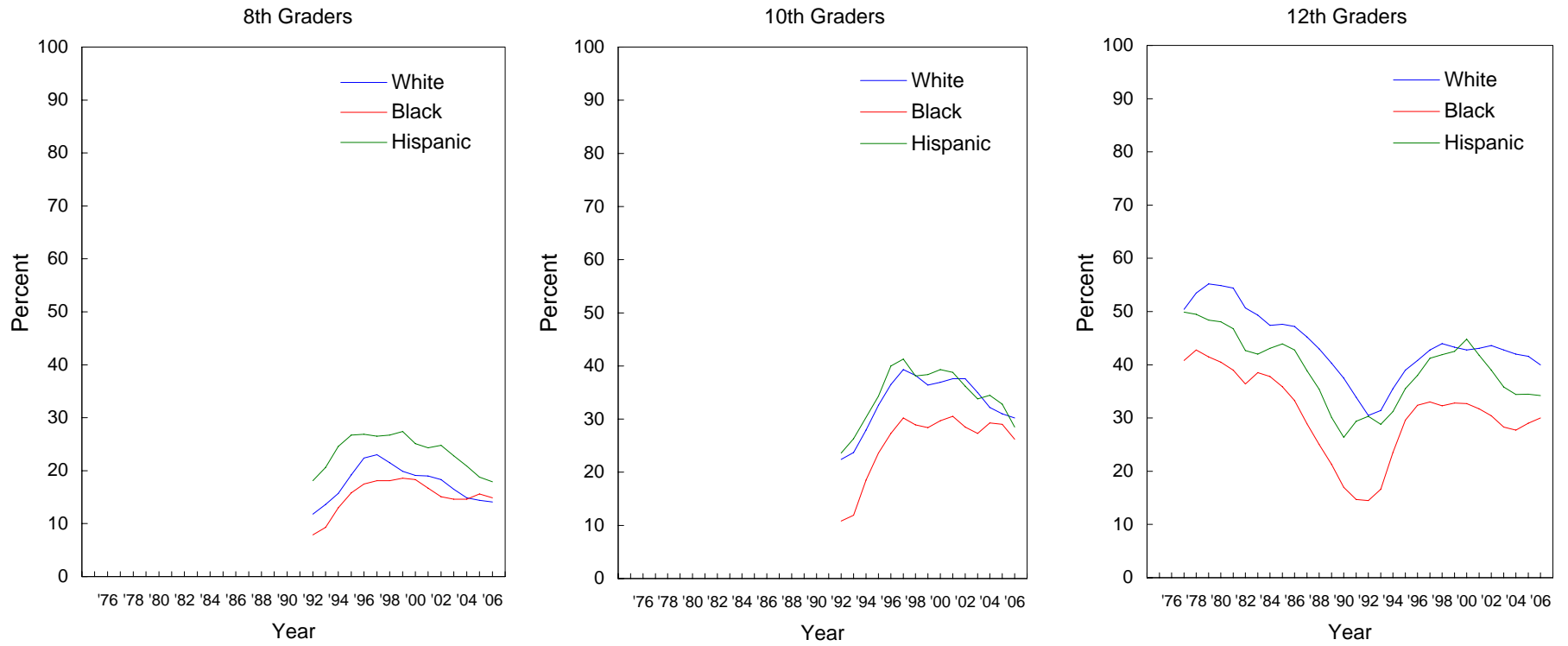
Any Illicit Drug: Trends in Annual Prevalence by Population Density



Any Illicit Drug: Trends in Annual Prevalence by Parents' Average Education

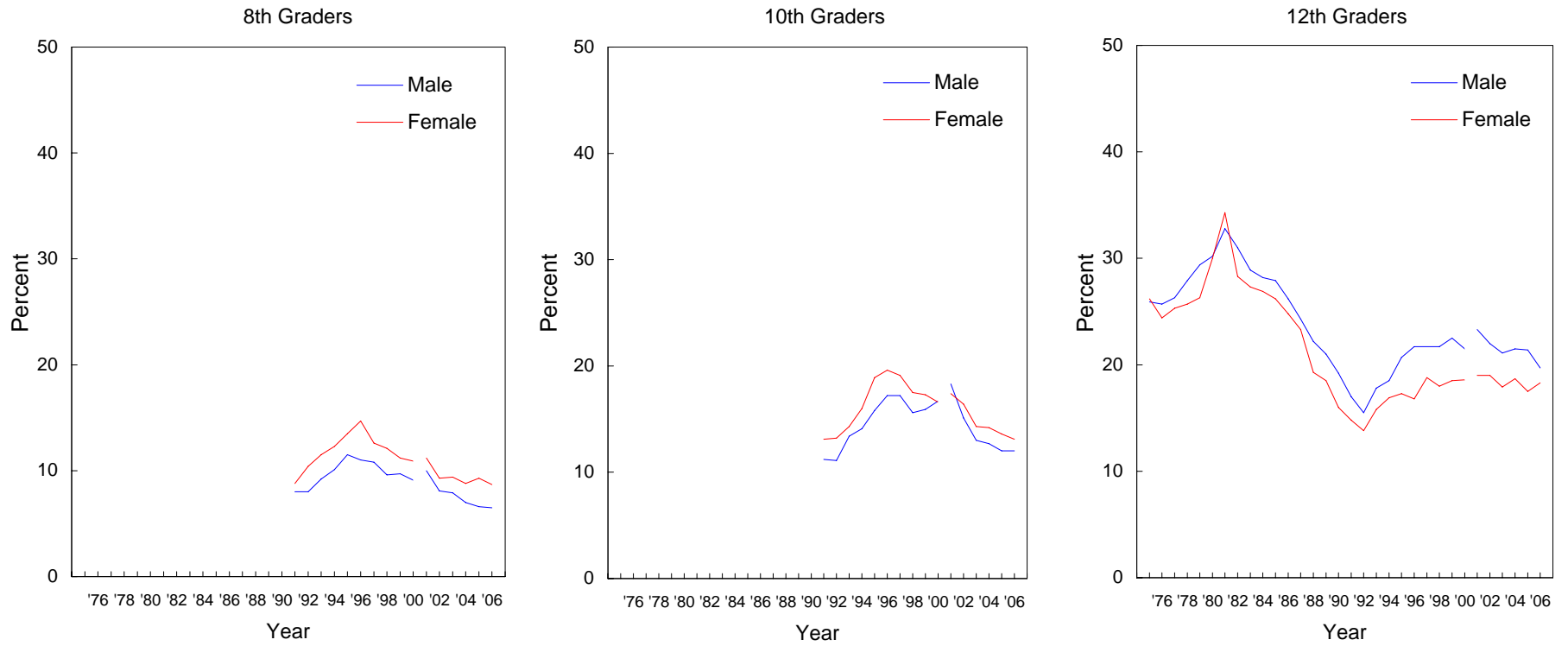


Any Illicit Drug: Trends in Annual Prevalence by Race/Ethnicity*



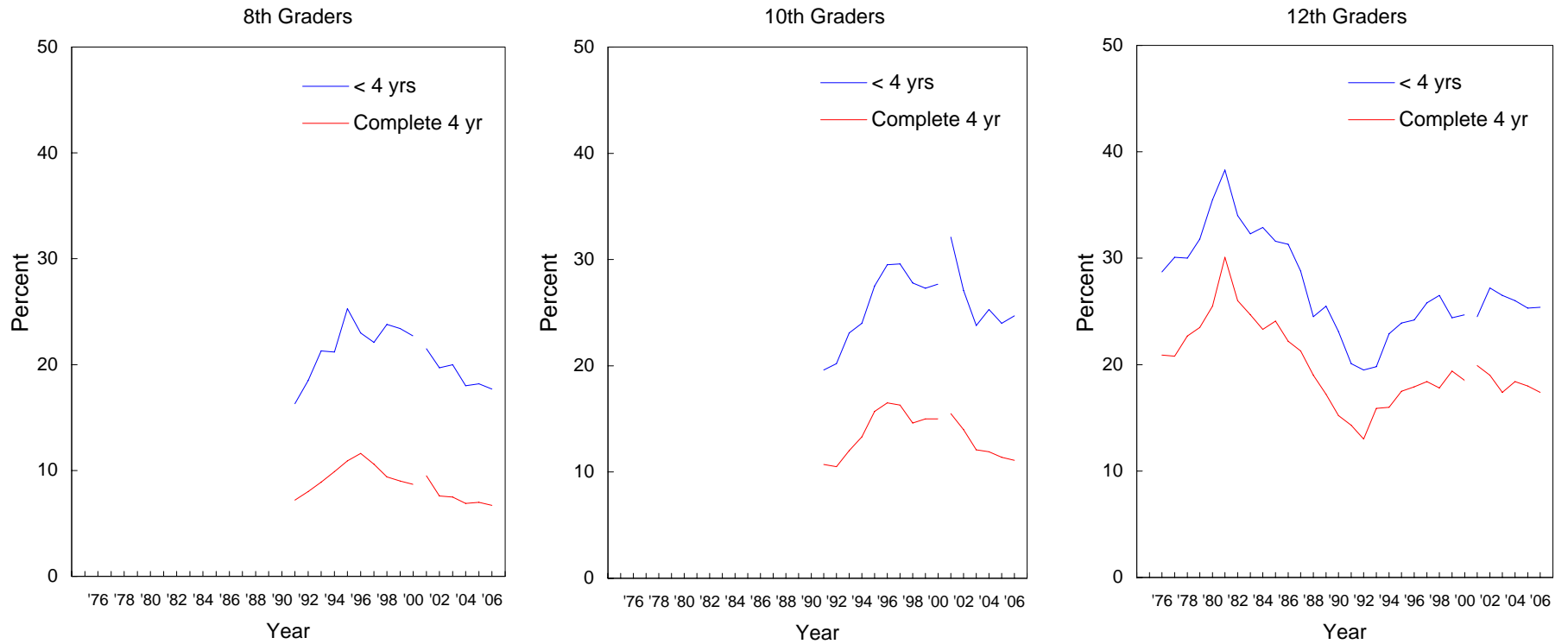
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Any Illicit Drug Other than Marijuana:* Trends in Annual Prevalence by Gender



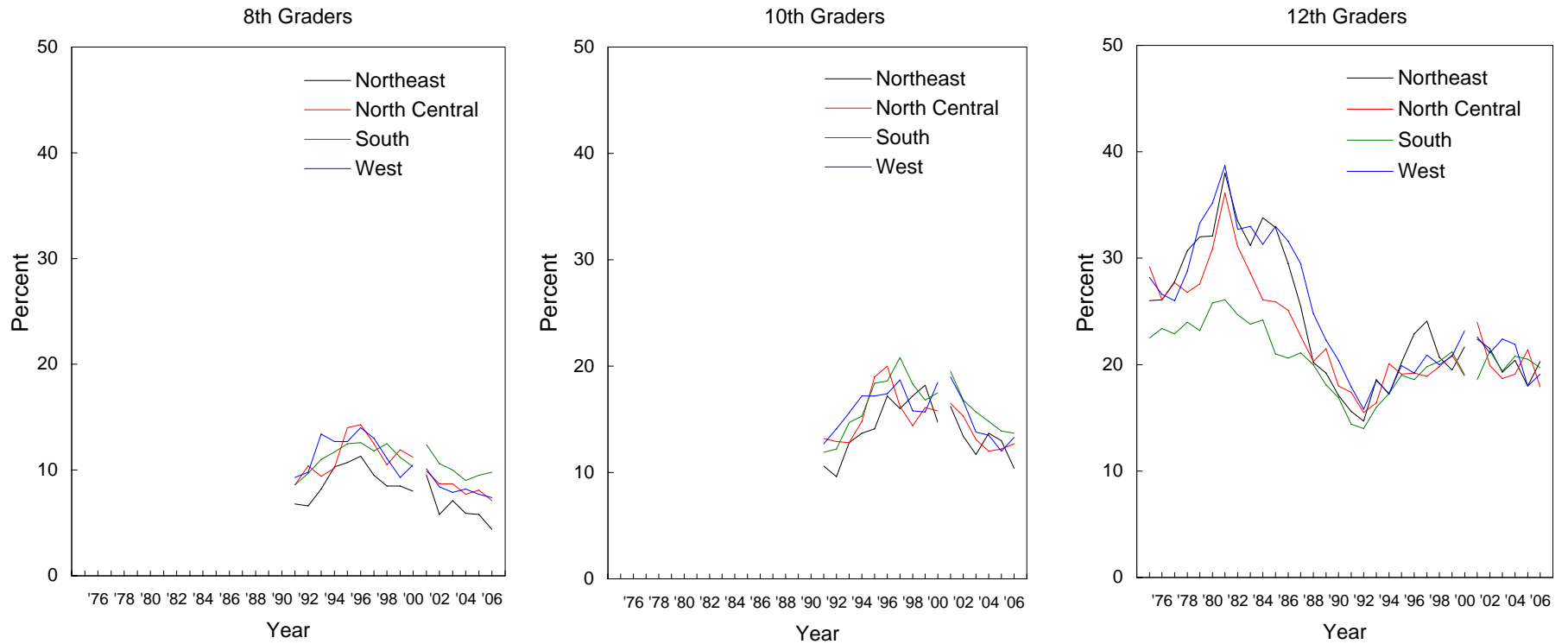
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

Any Illicit Drug Other than Marijuana:* Trends in Annual Prevalence by College Plans



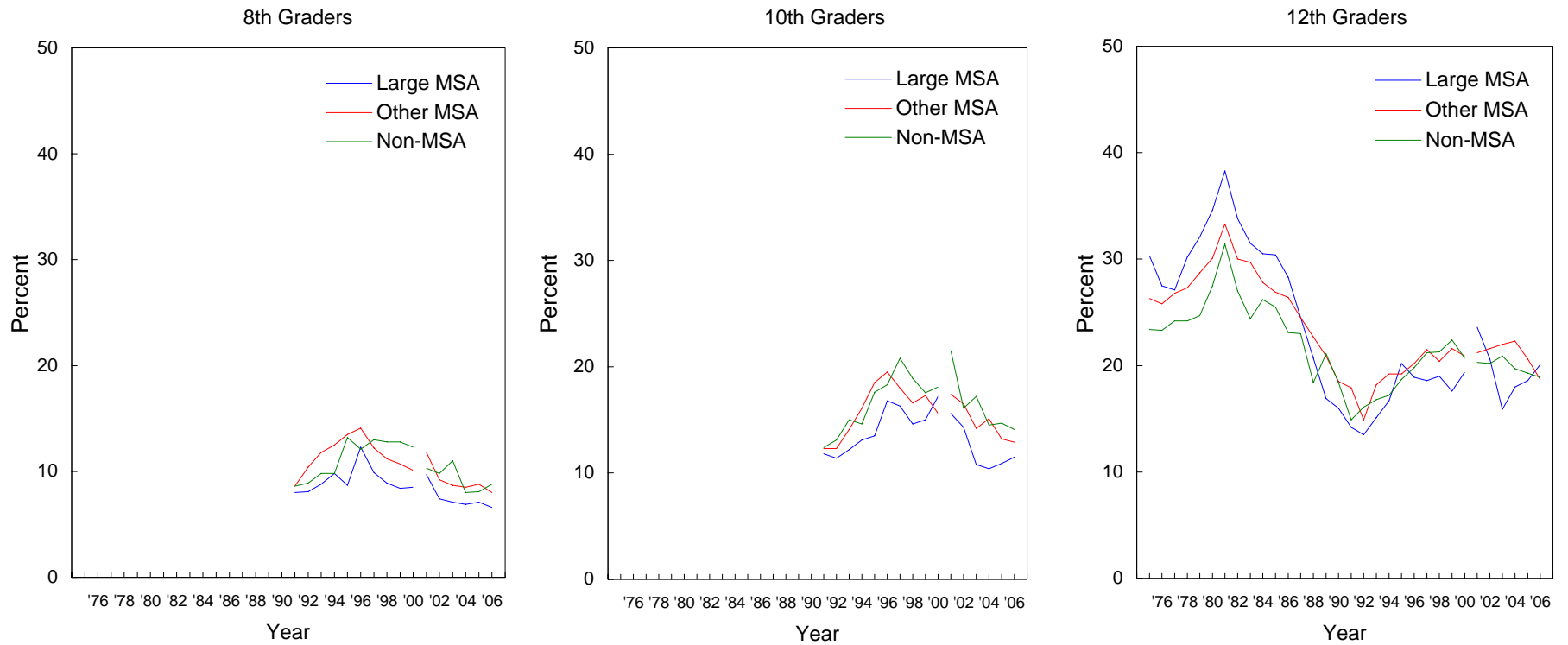
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

Any Illicit Drug Other than Marijuana:* Trends in Annual Prevalence by Region



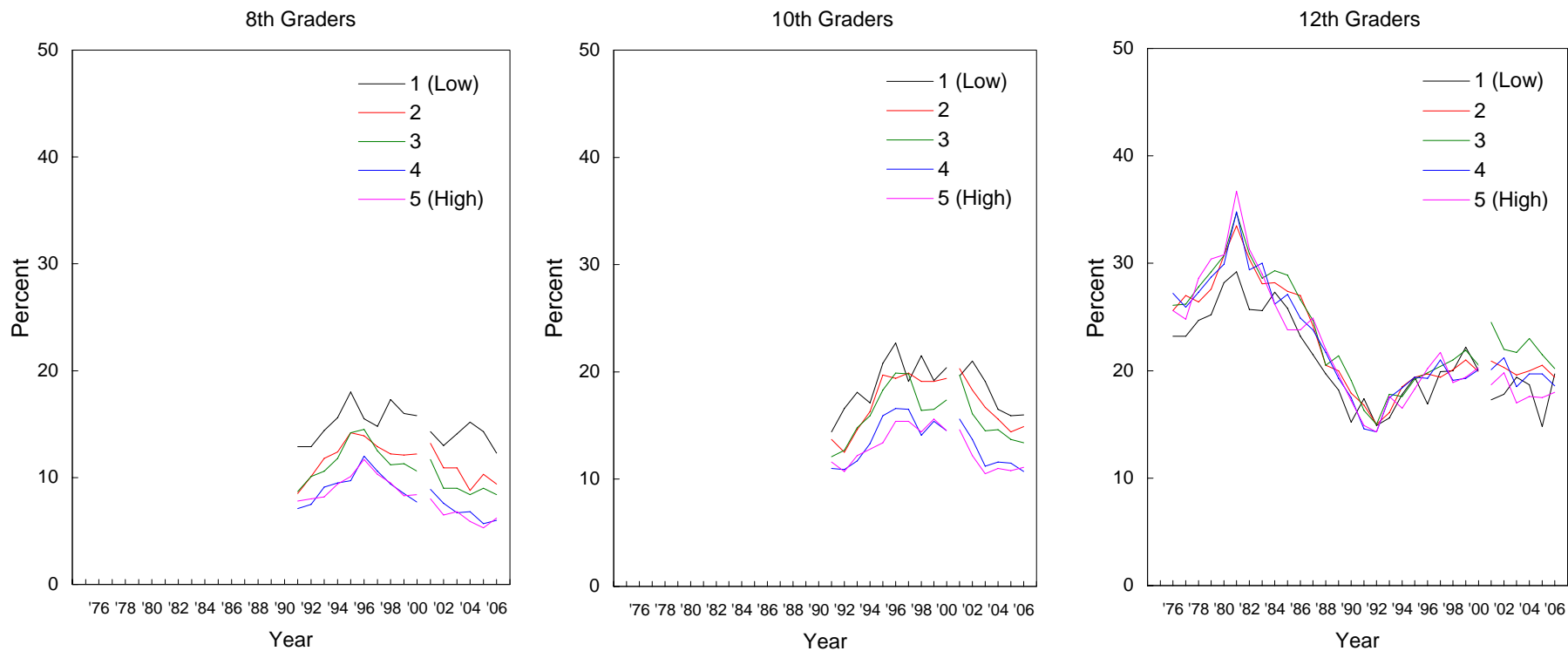
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

Any Illicit Drug Other than Marijuana:* Trends in Annual Prevalence by Population Density



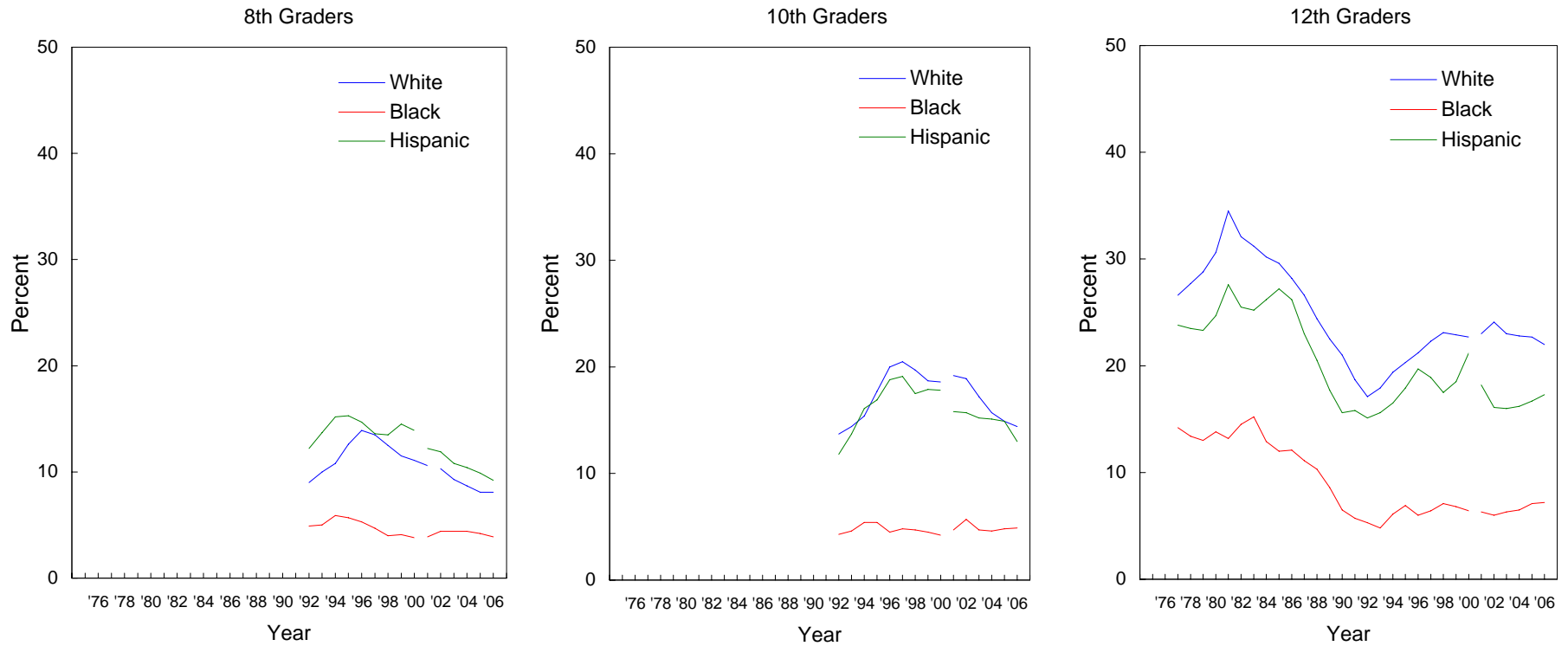
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

Any Illicit Drug Other than Marijuana:* Trends in Annual Prevalence by Parents' Average Education



*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

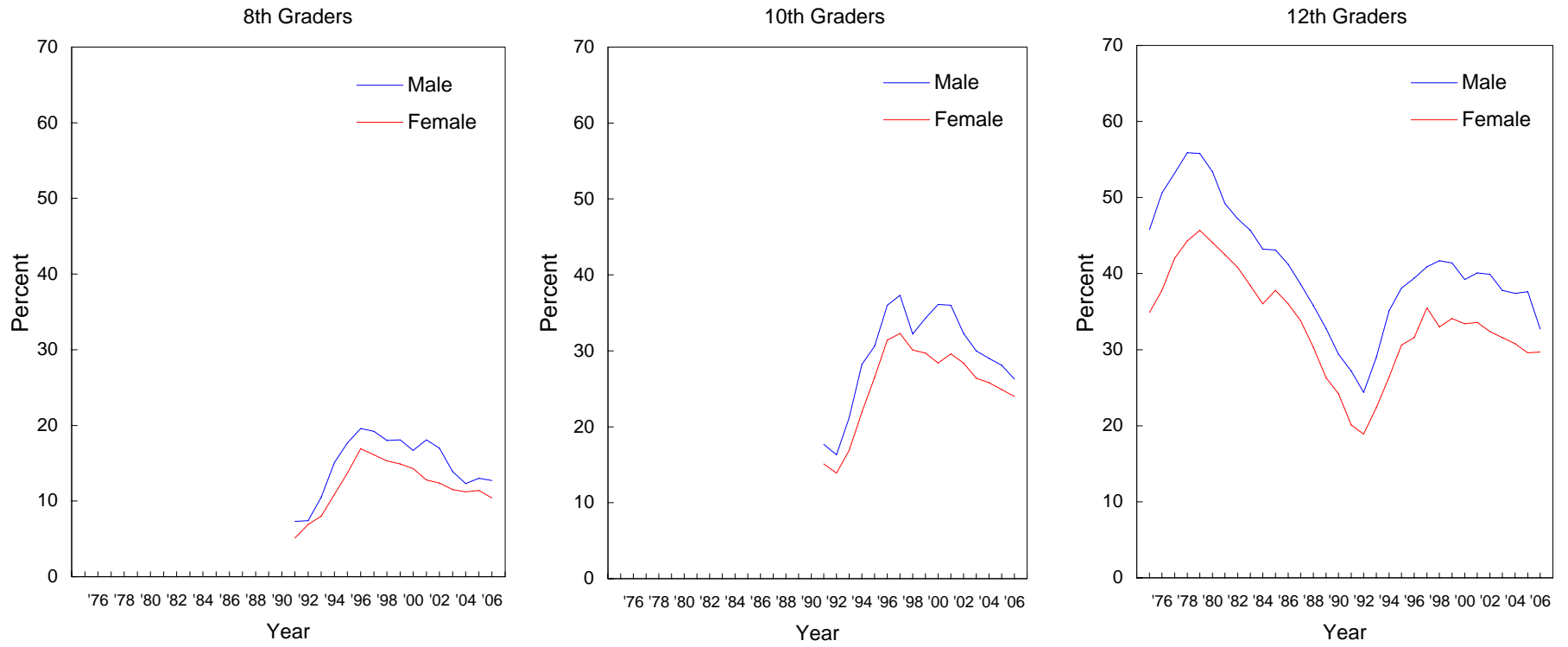
Any Illicit Drug Other than Marijuana:* Trends in Annual Prevalence by Race/Ethnicity**



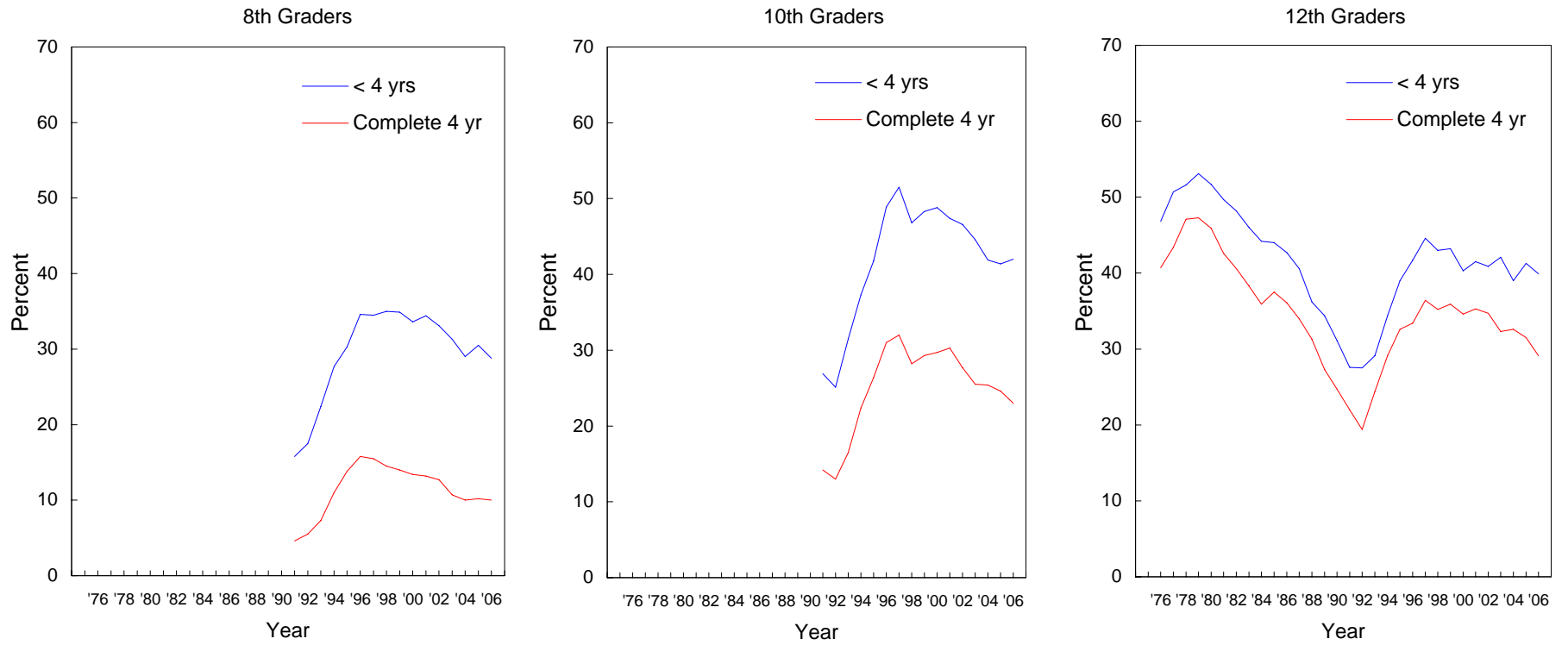
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

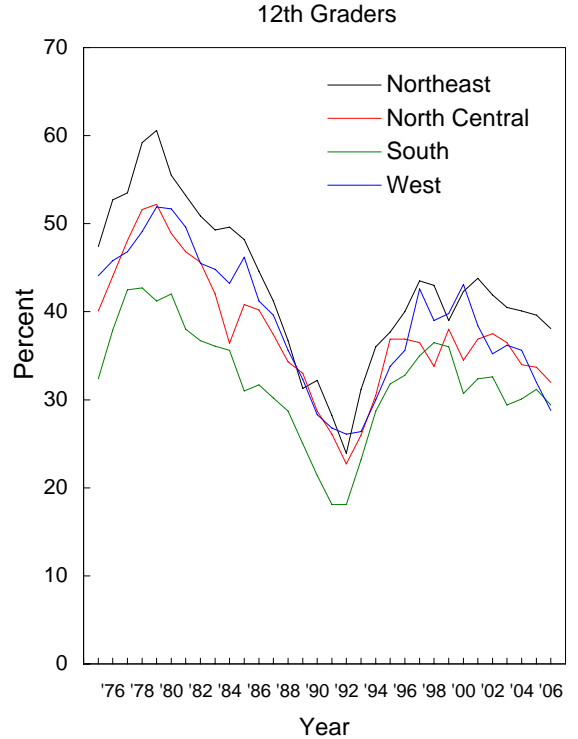
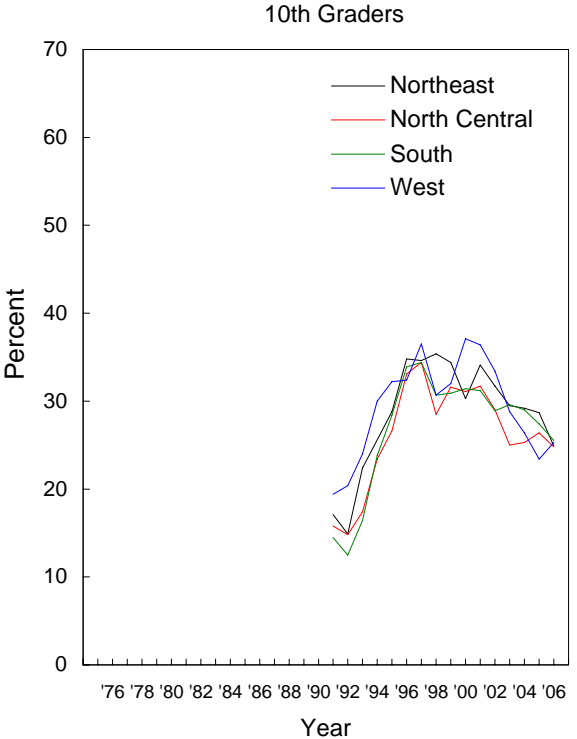
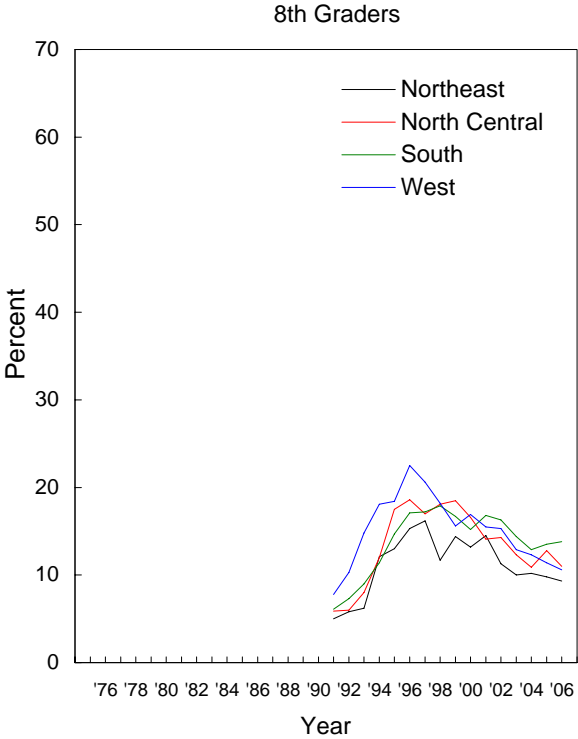
Marijuana: Trends in Annual Prevalence by Gender



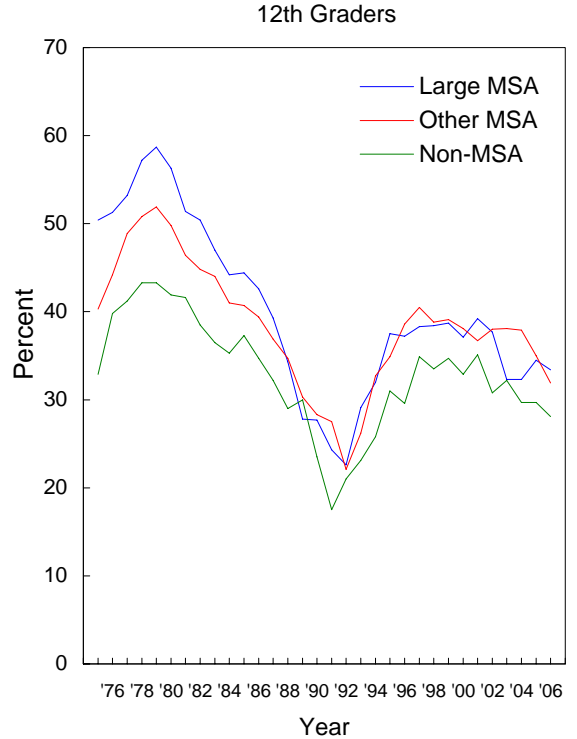
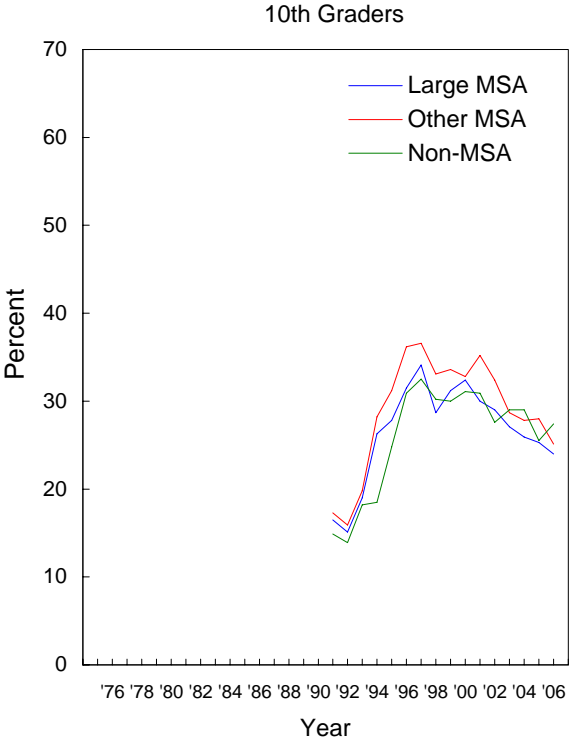
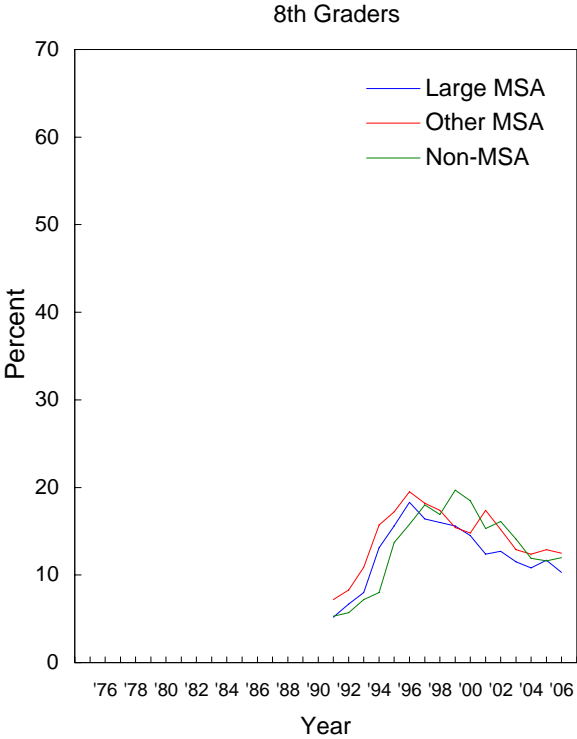
Marijuana: Trends in Annual Prevalence by College Plans



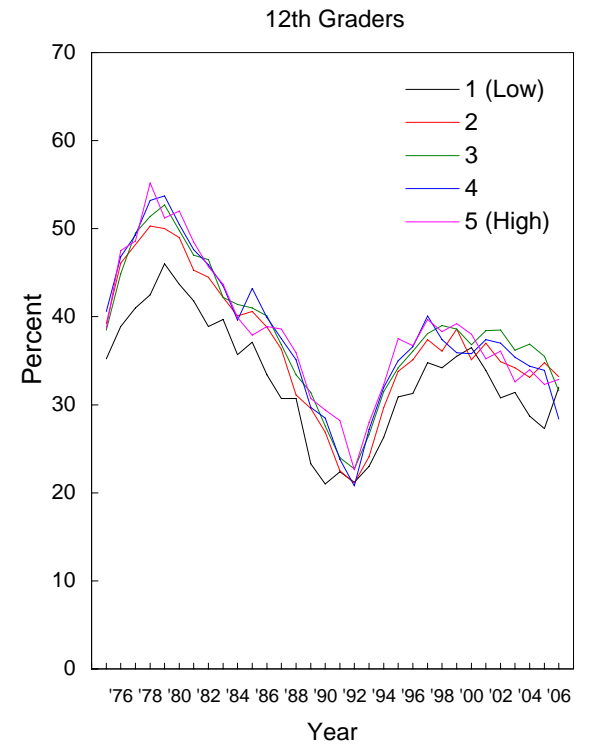
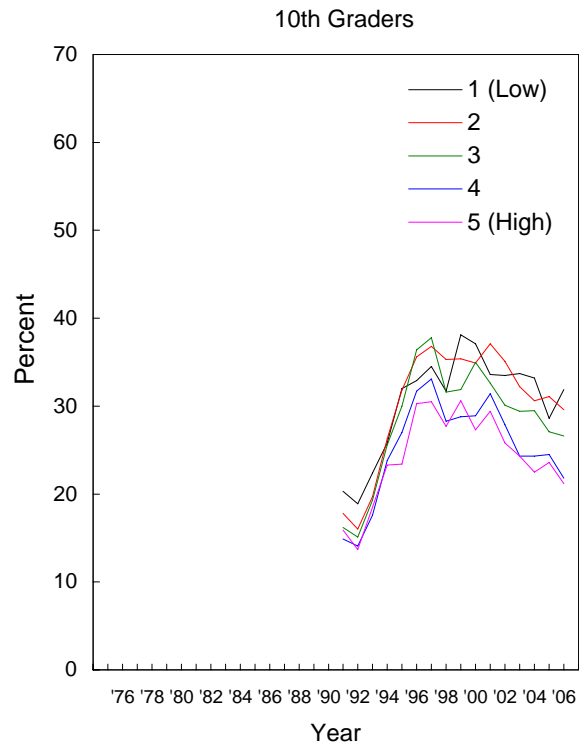
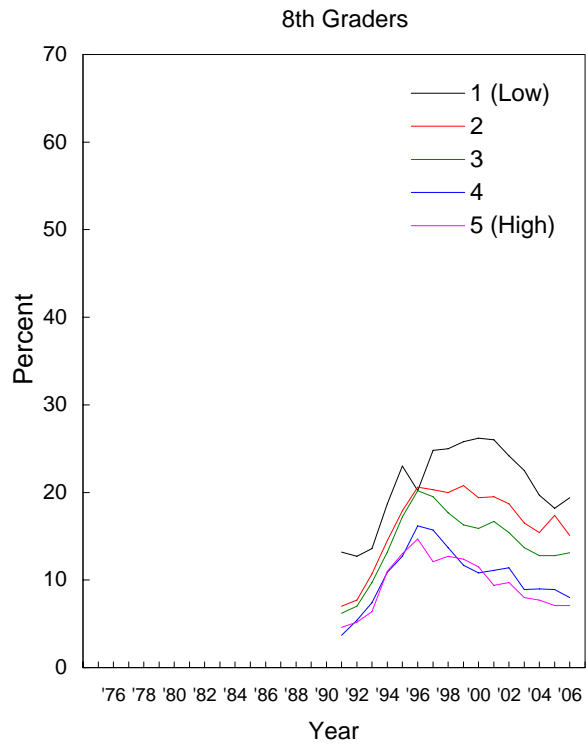
Marijuana: Trends in Annual Prevalence by Region



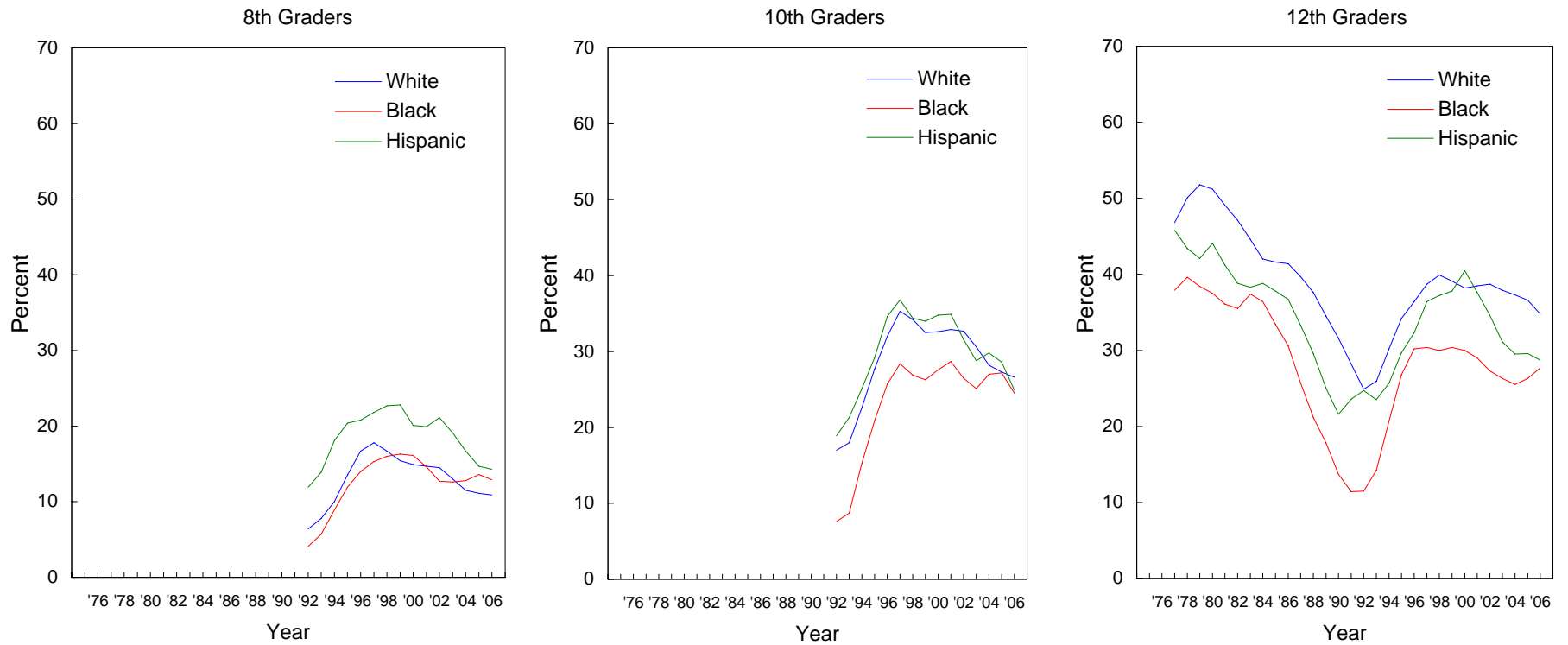
Marijuana: Trends in Annual Prevalence by Population Density



Marijuana: Trends in Annual Prevalence by Parent's Average Education

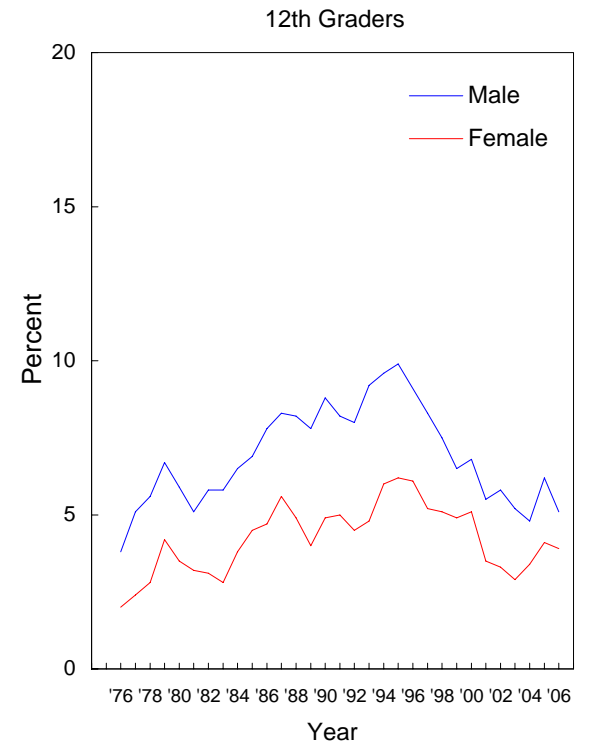
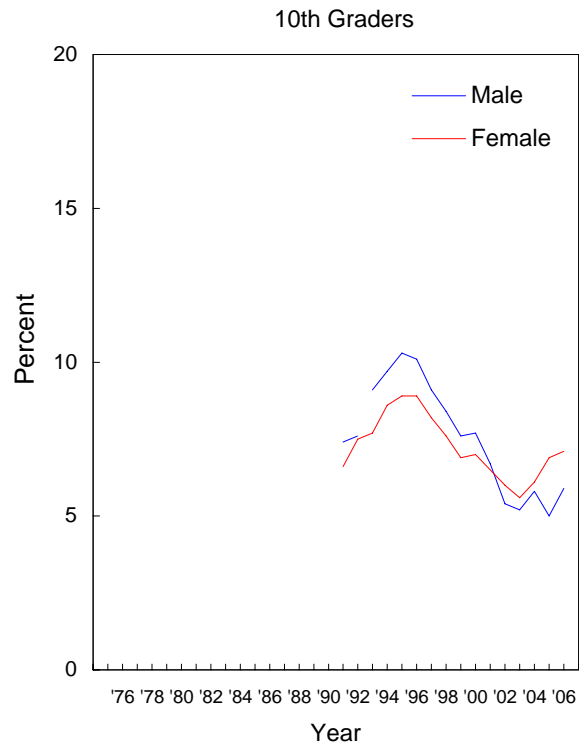
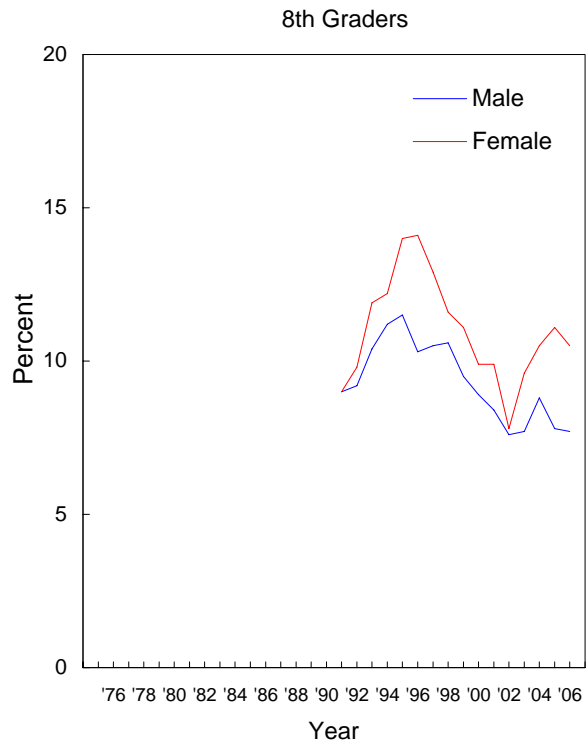


Marijuana: Trends in Annual Prevalence by Race/Ethnicity*

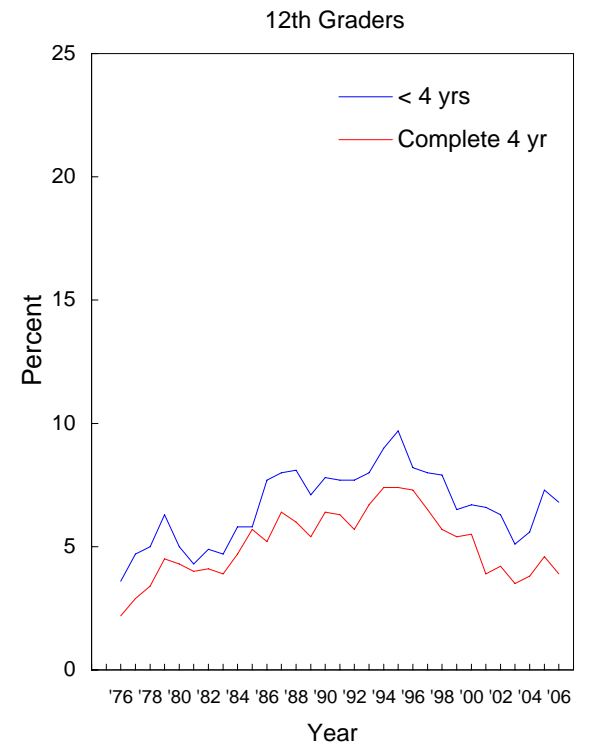
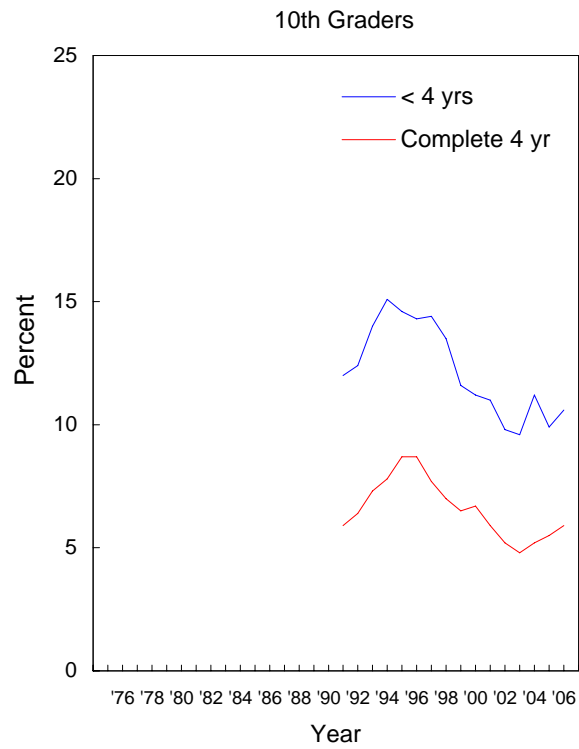
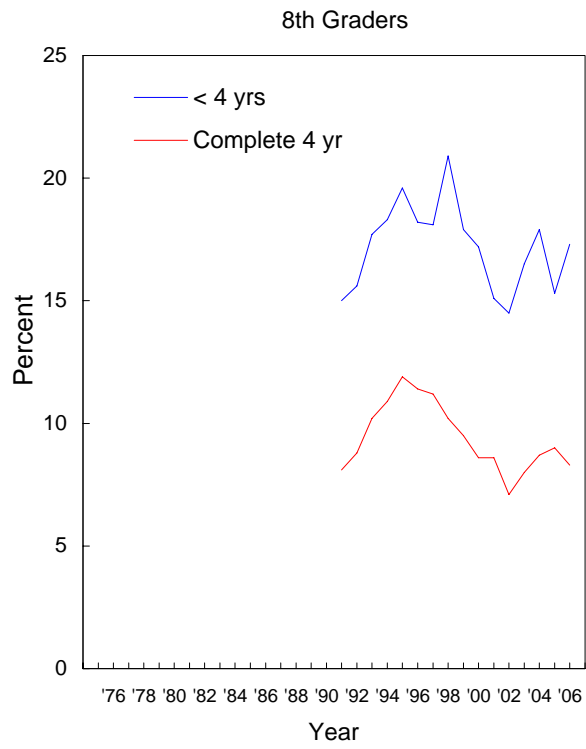


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

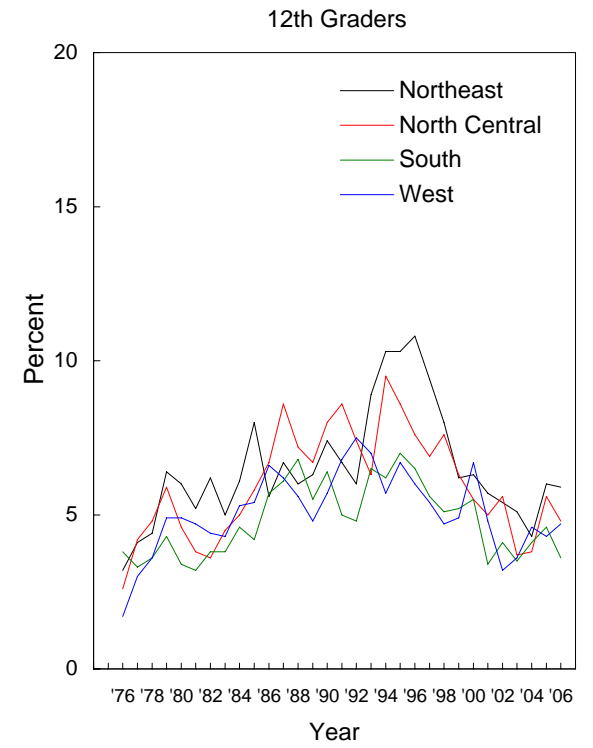
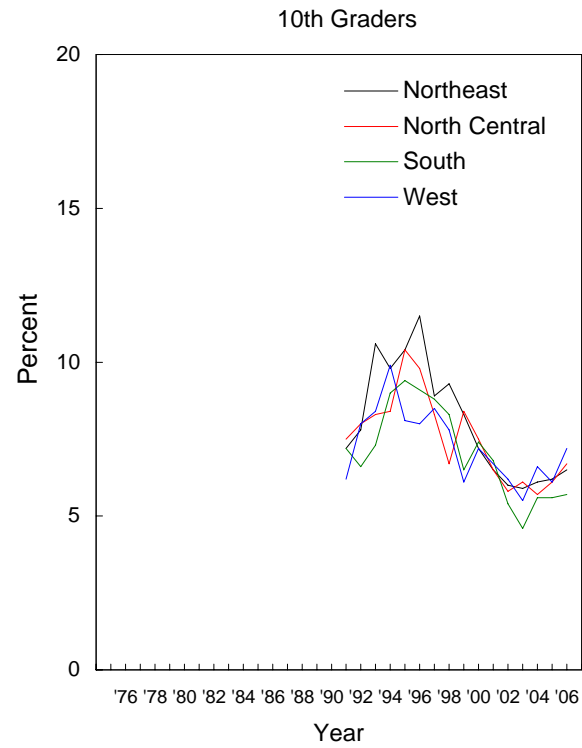
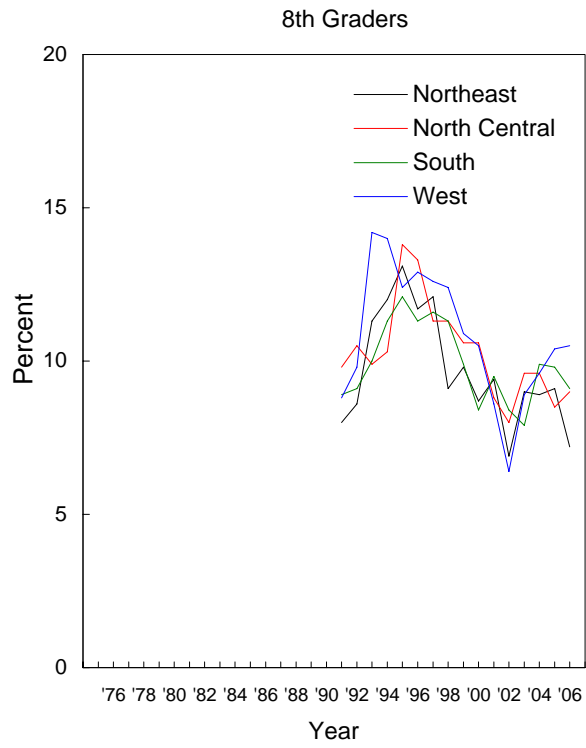
Inhalants: Trends in Annual Prevalence by Gender



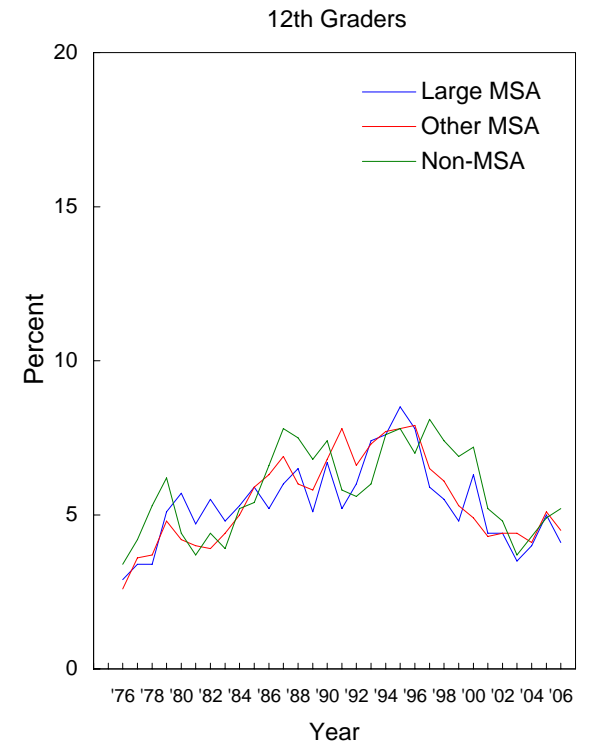
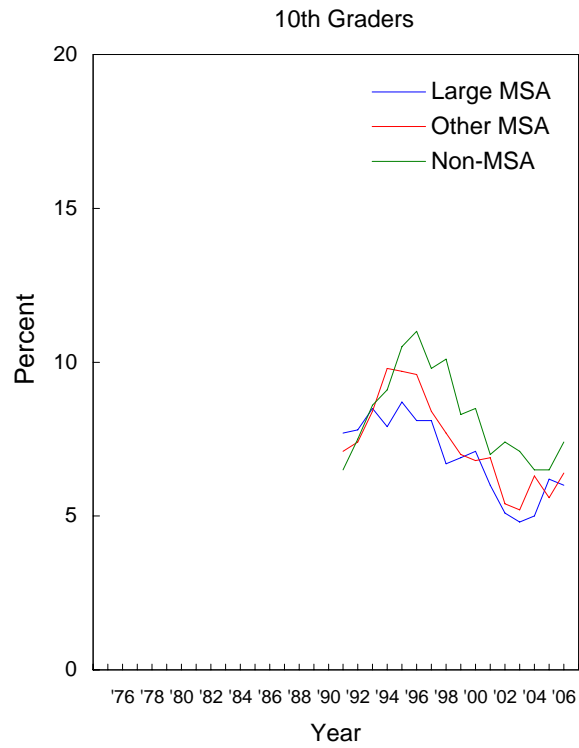
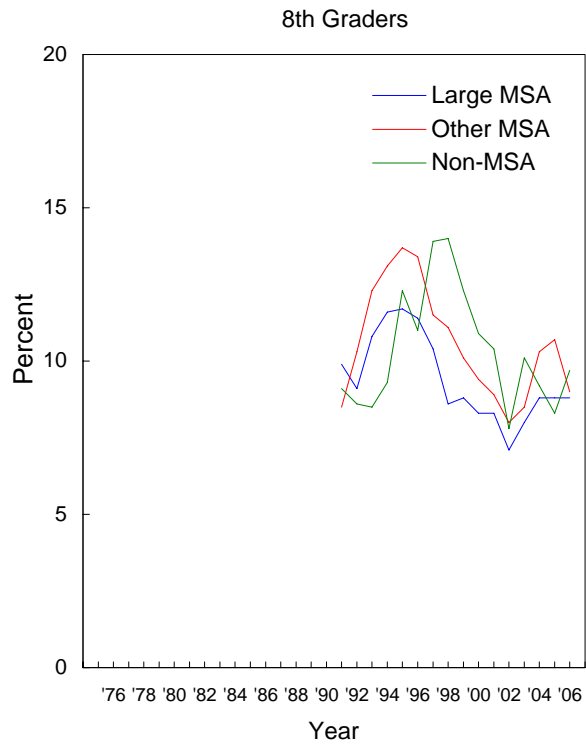
Inhalants: Trends in Annual Prevalence by College Plans



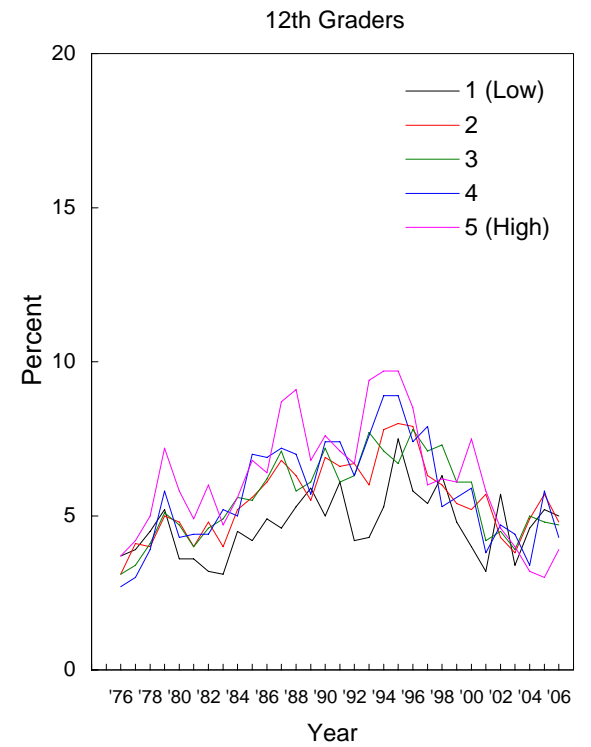
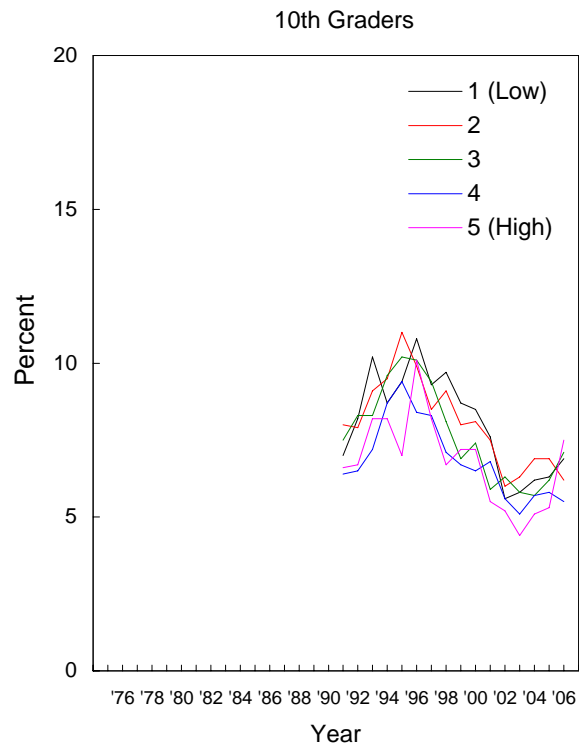
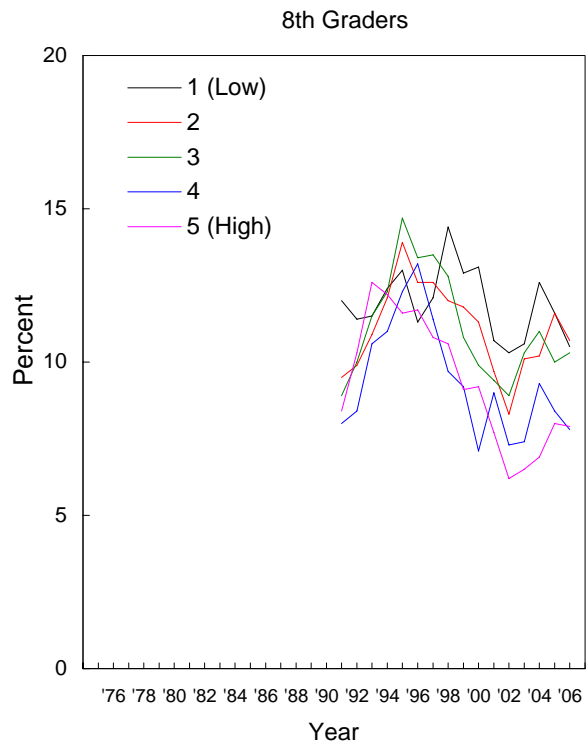
Inhalants: Trends in Annual Prevalence by Region



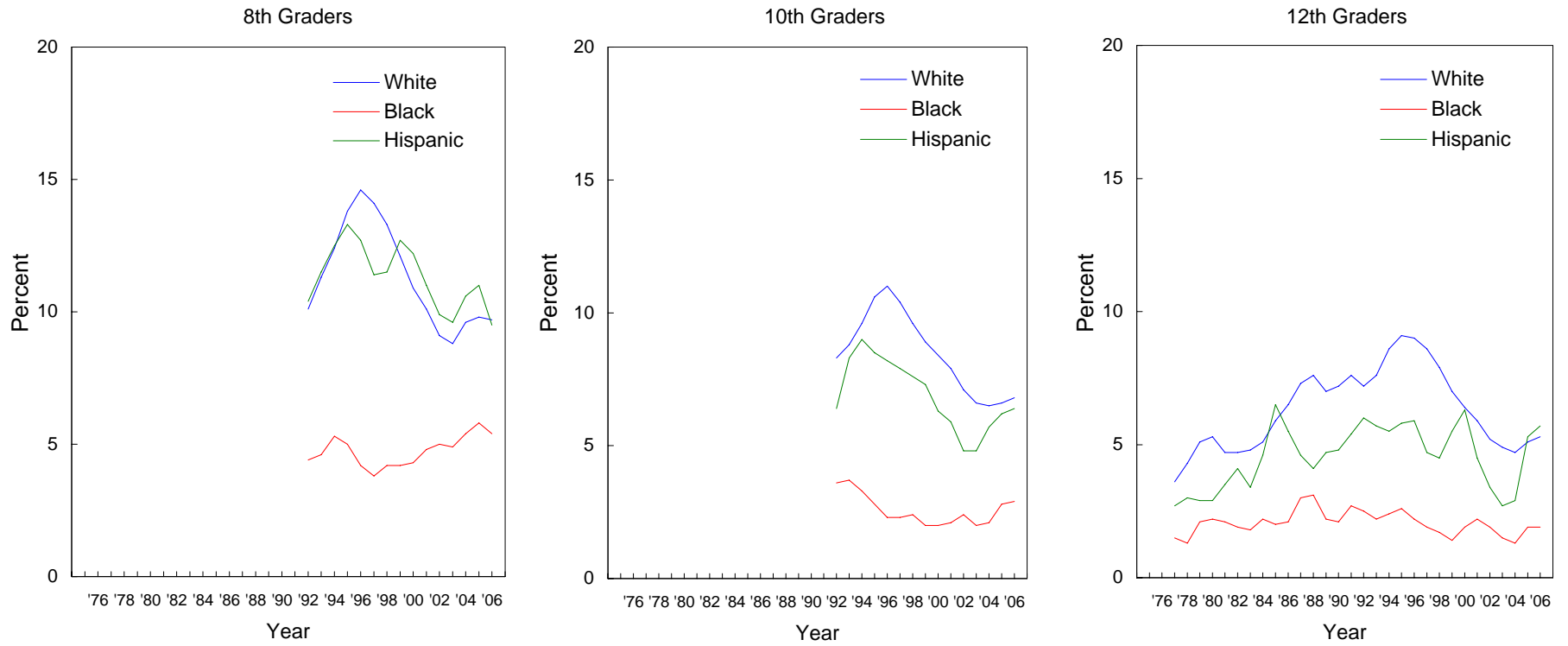
Inhalants: Trends in Annual Prevalence by Population Density



Inhalants: Trends in Annual Prevalence by Parents' Average Education

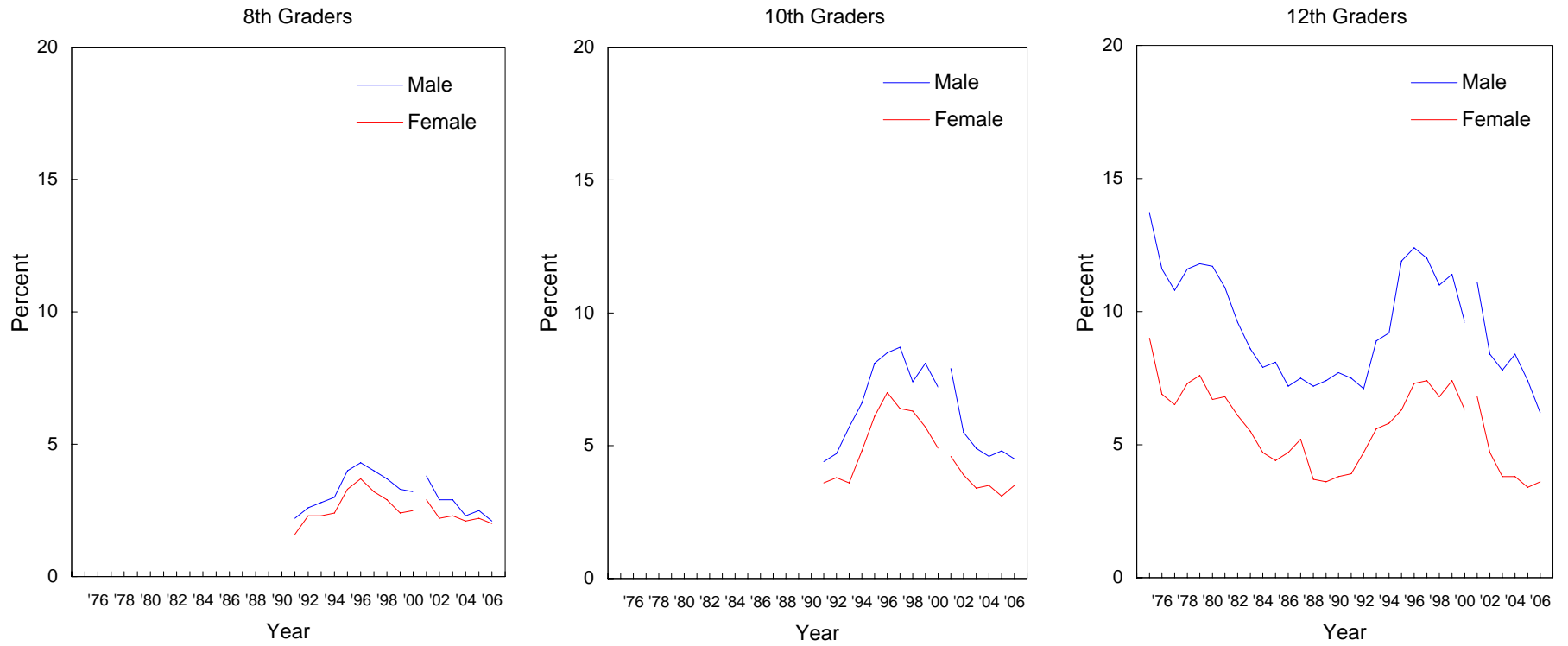


Inhalants: Trends in Annual Prevalence by Race/Ethnicity*



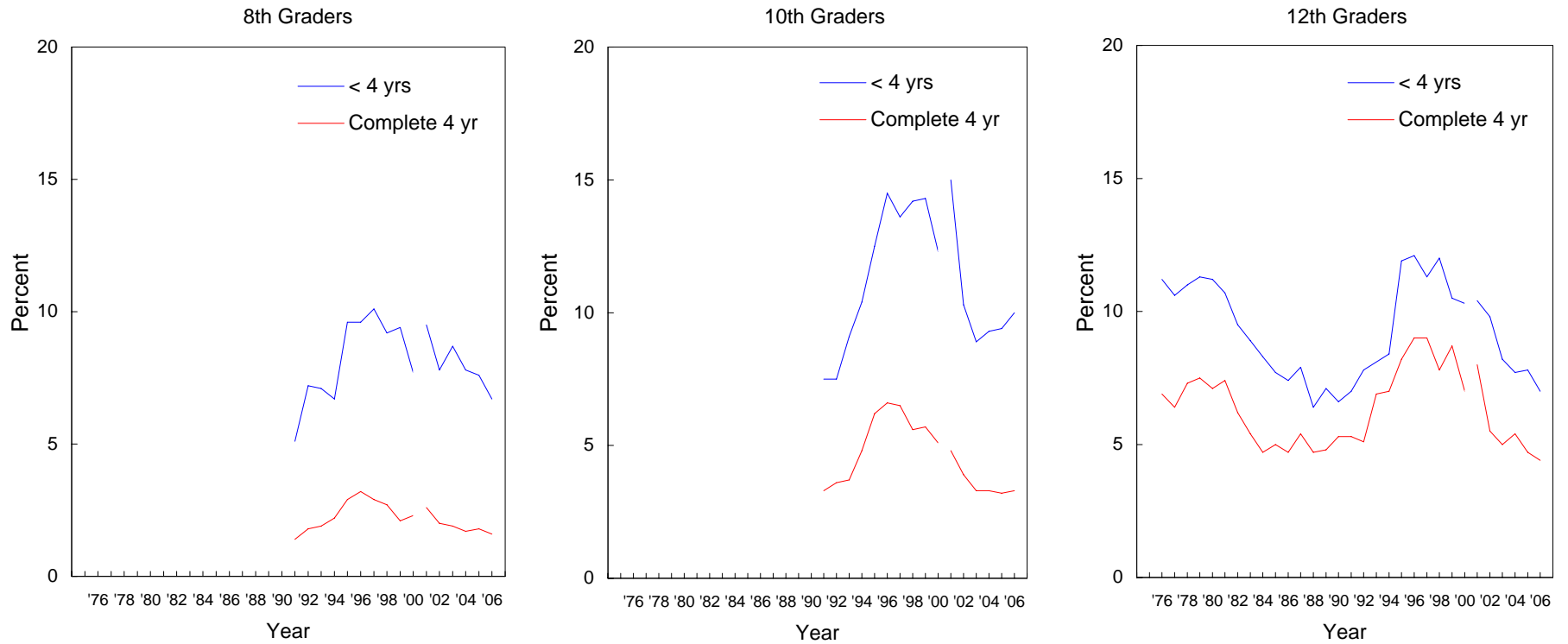
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Hallucinogens:* Trends in Annual Prevalence by Gender



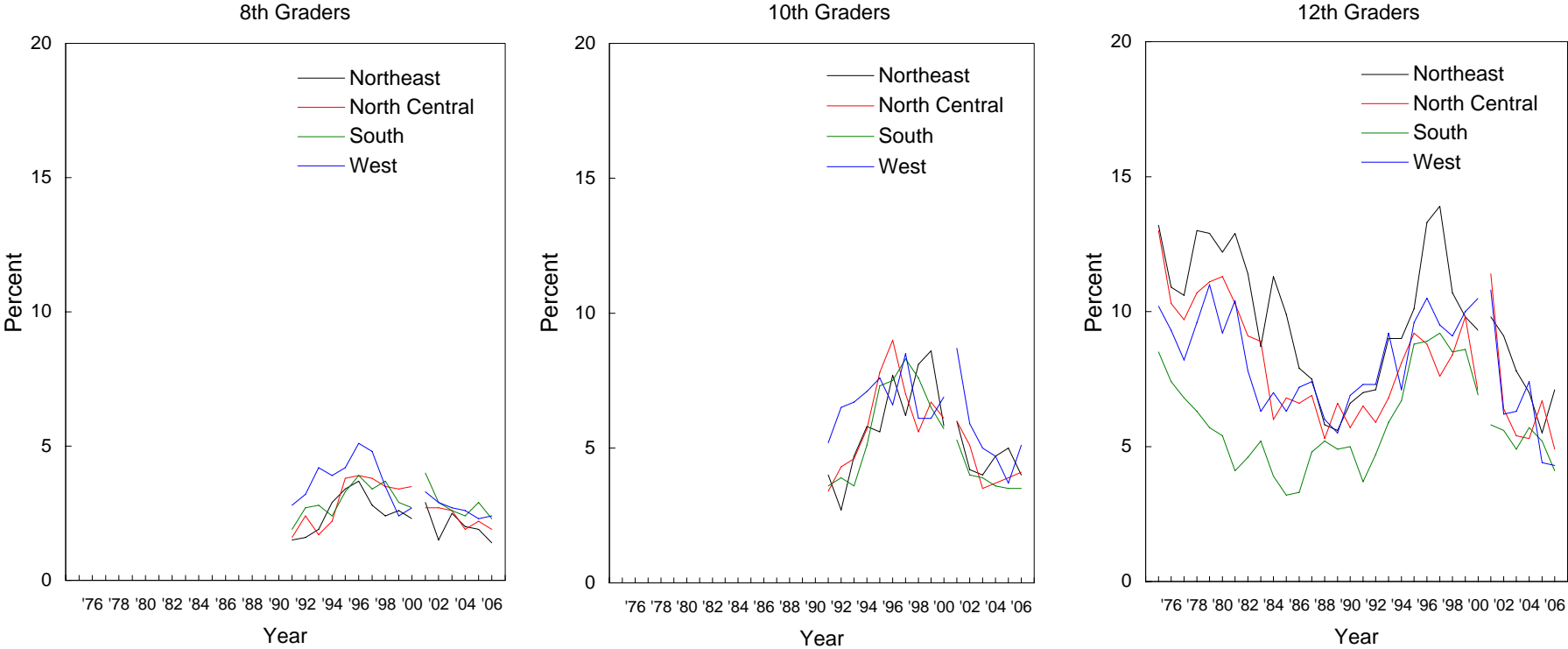
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

Hallucinogens:* Trends in Annual Prevalence by College Plans



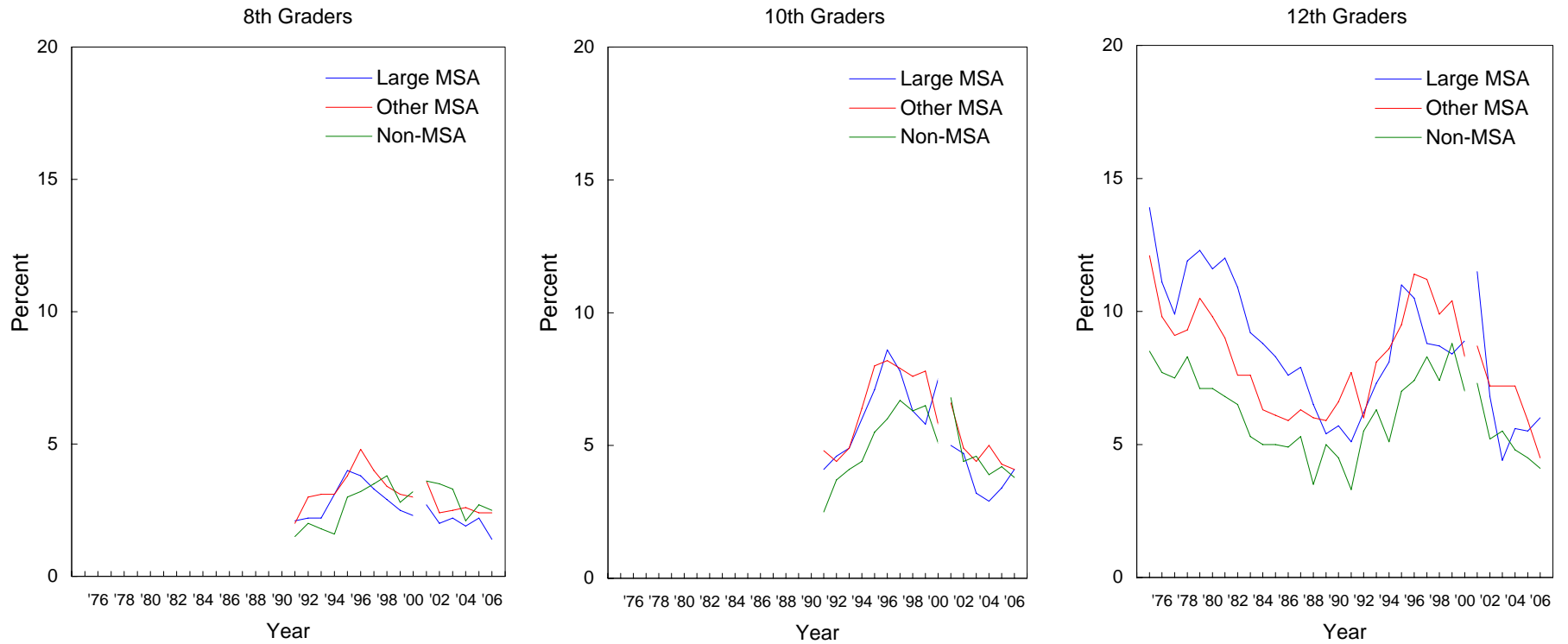
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

Hallucinogens:* Trends in Annual Prevalence by Region



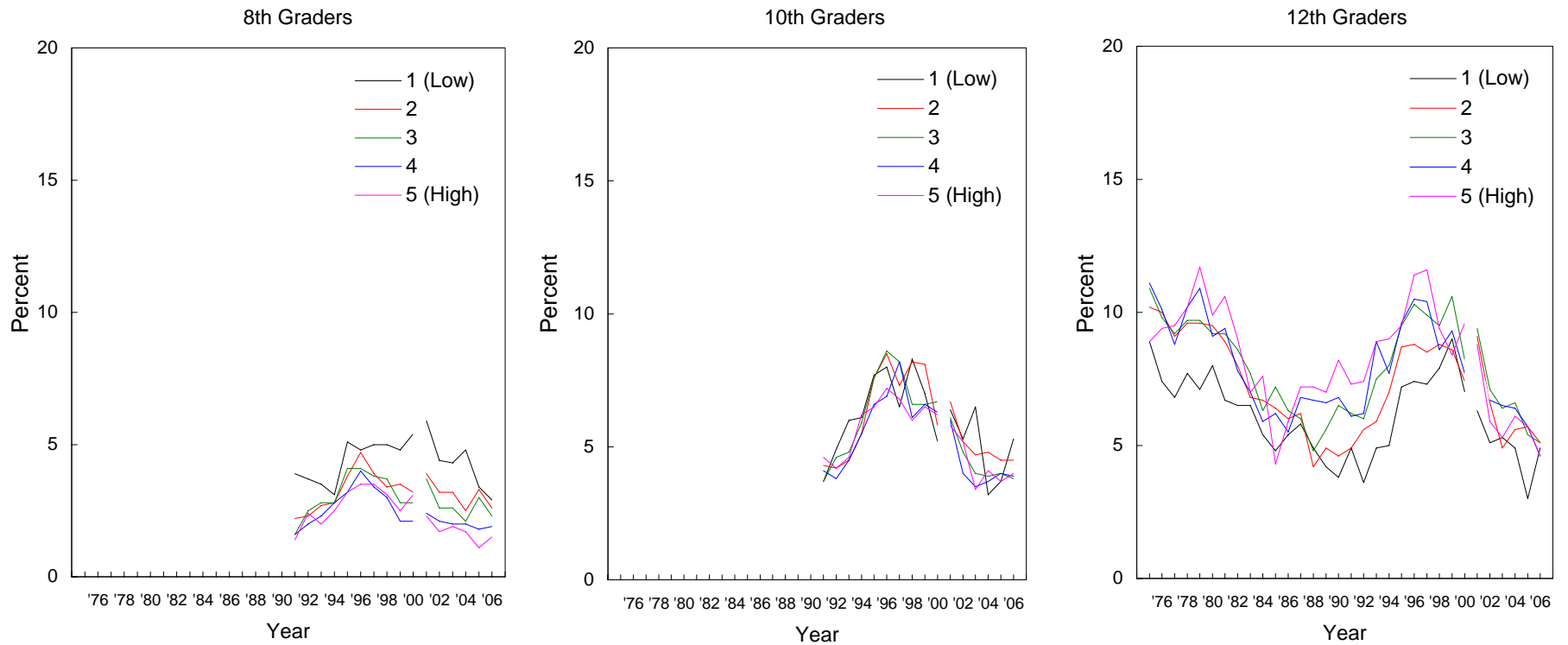
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

Hallucinogens:* Trends in Annual Prevalence by Population Density



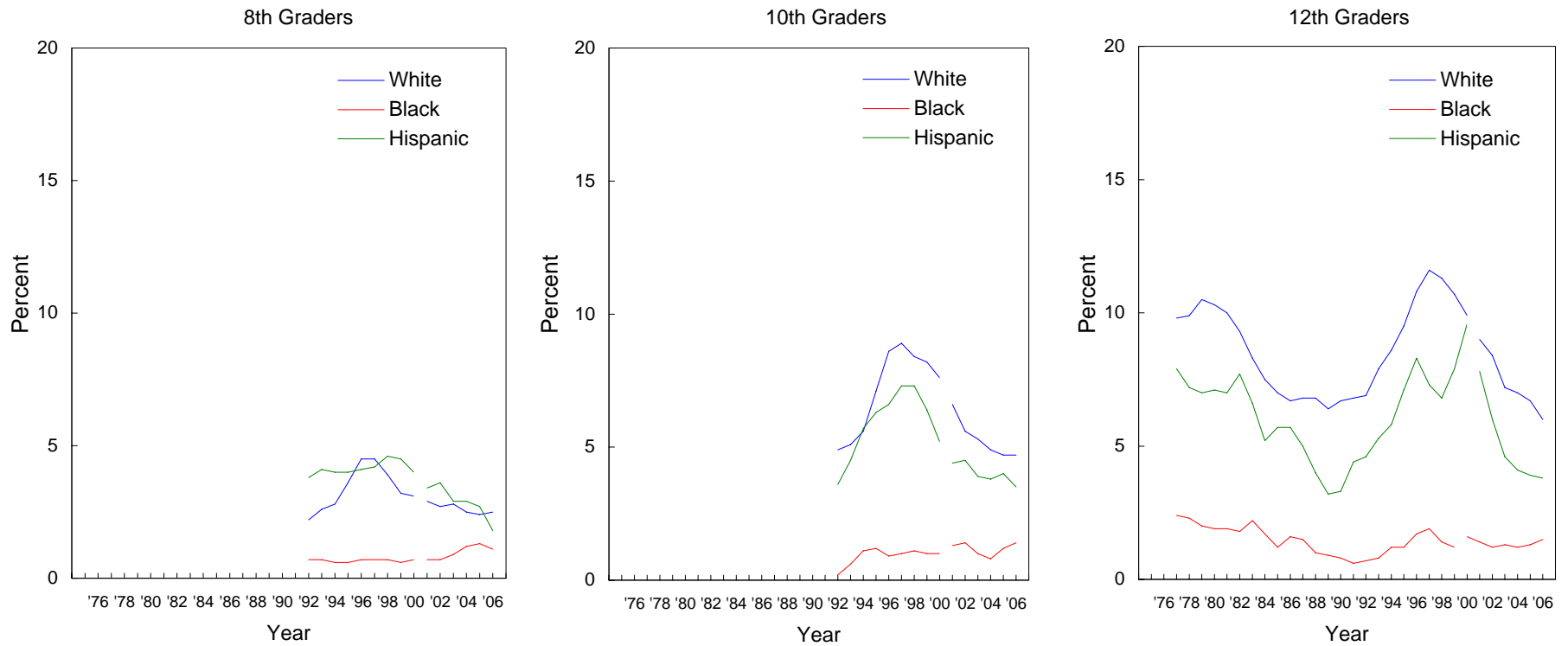
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

Hallucinogens:* Trends in Annual Prevalence by Parents' Average Education



*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

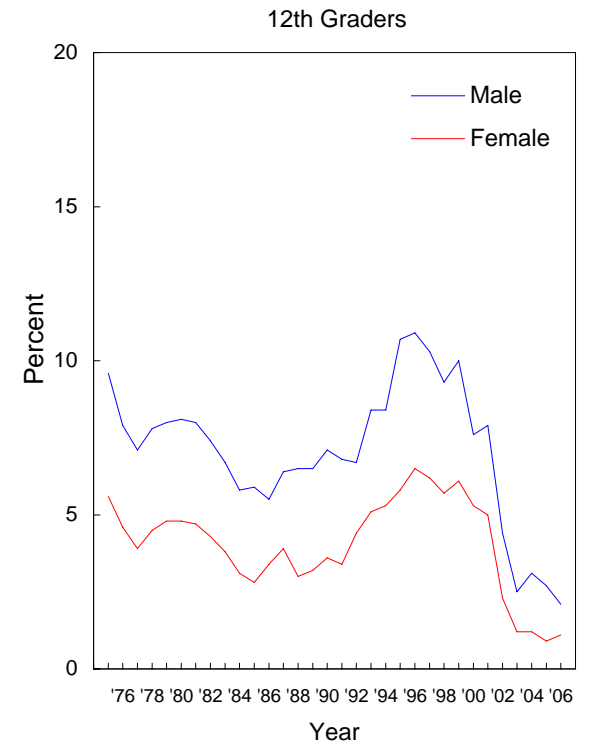
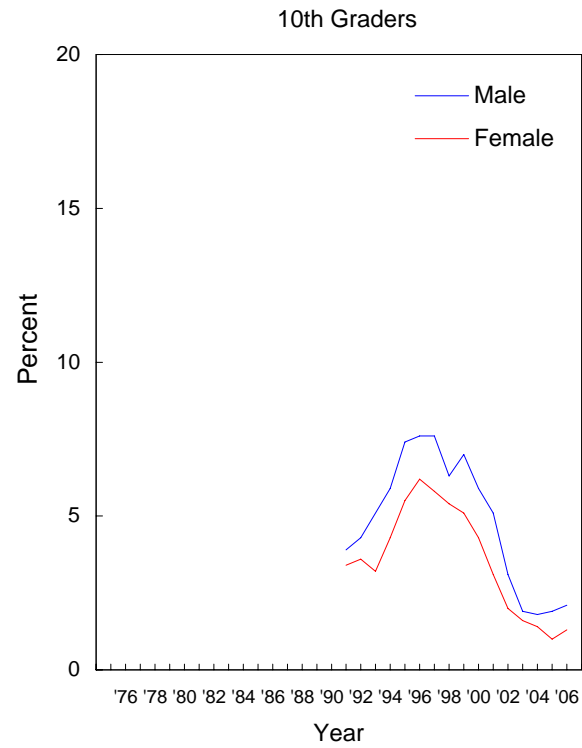
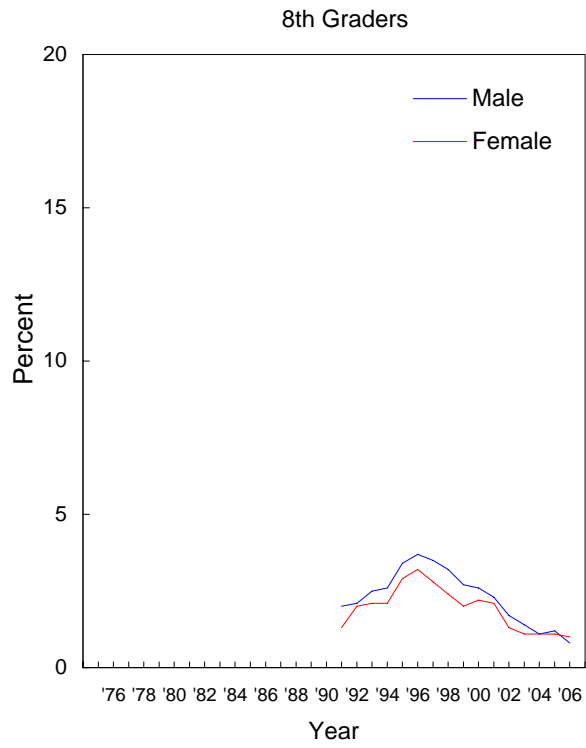
Hallucinogens:* Trends in Annual Prevalence by Race/Ethnicity**



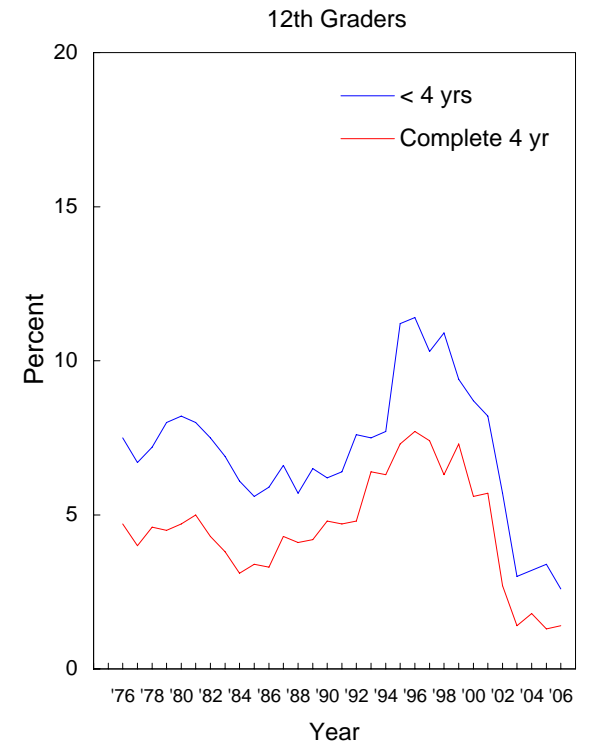
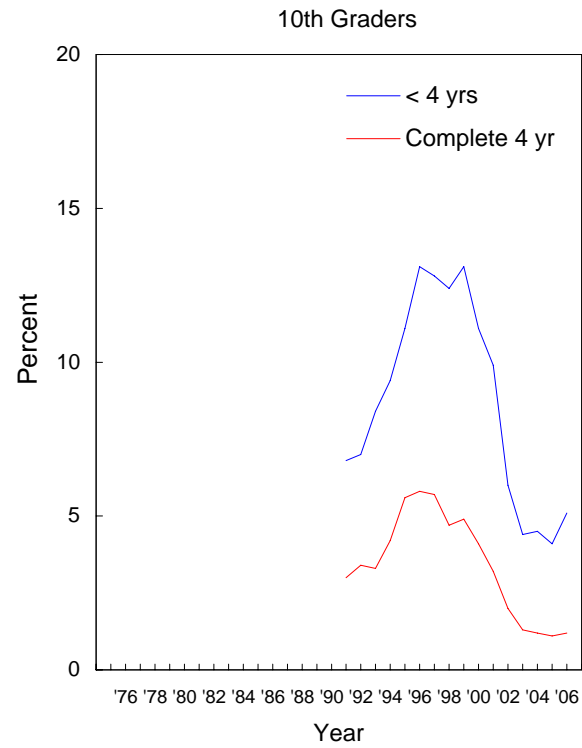
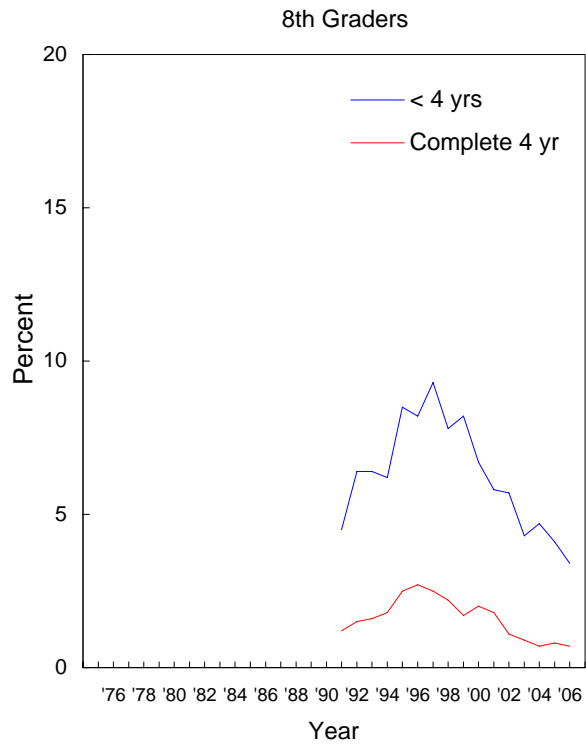
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

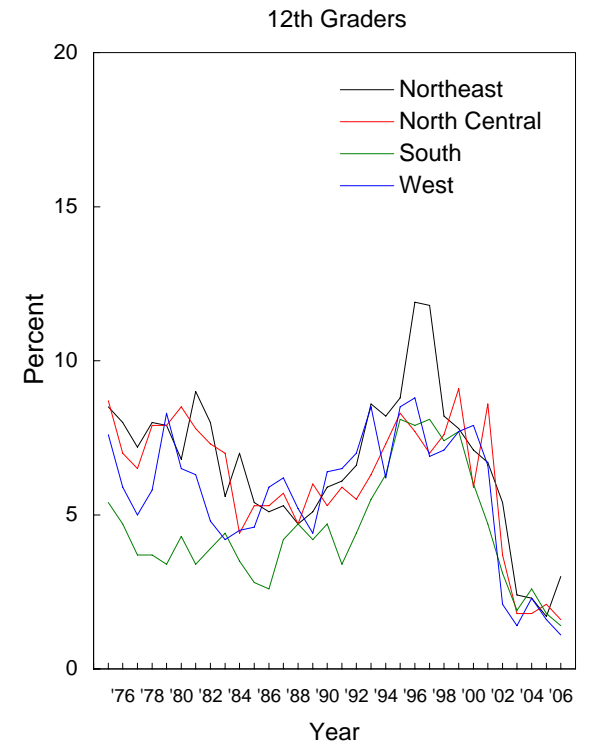
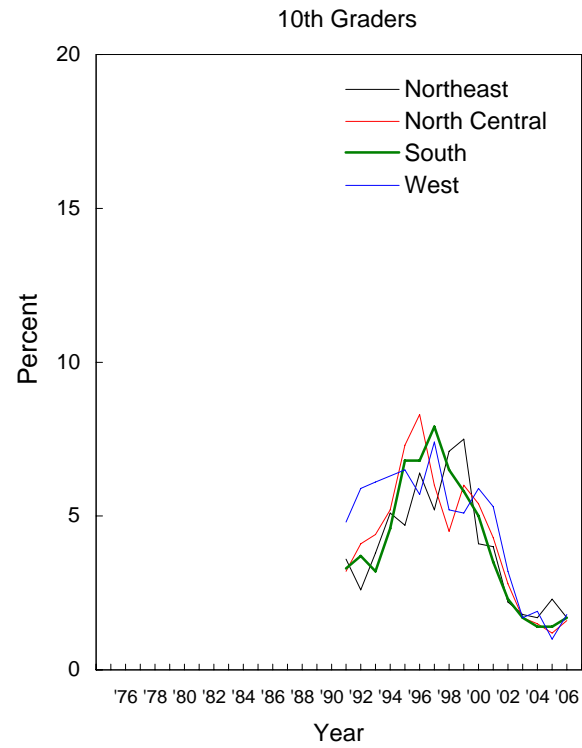
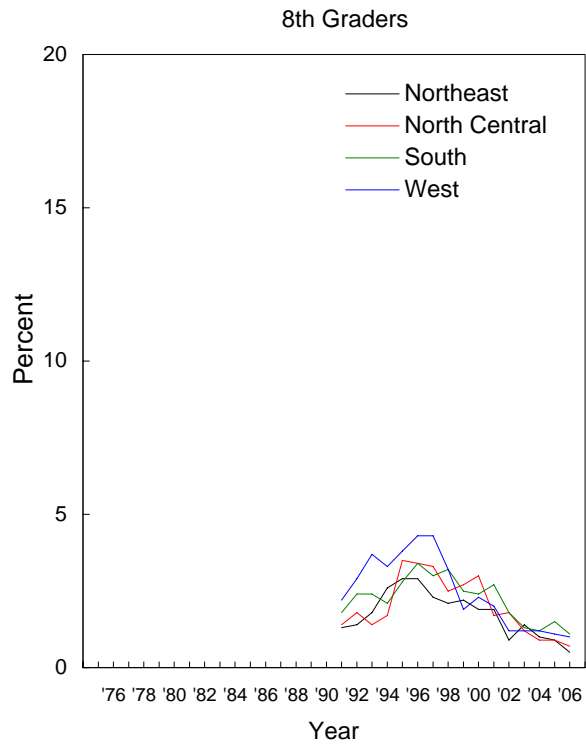
LSD: Trends in Annual Prevalence by Gender



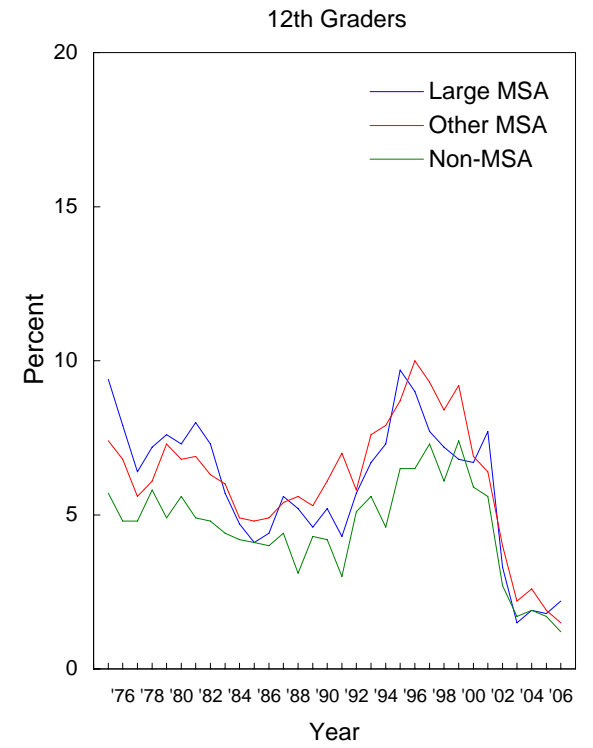
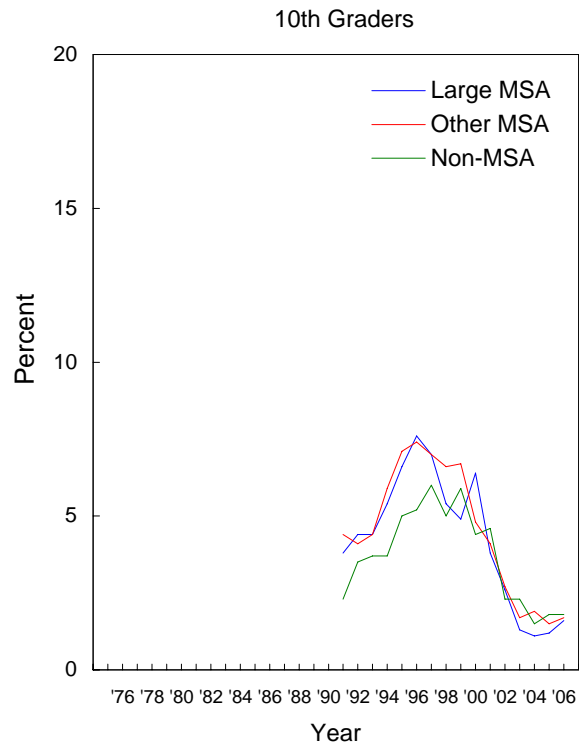
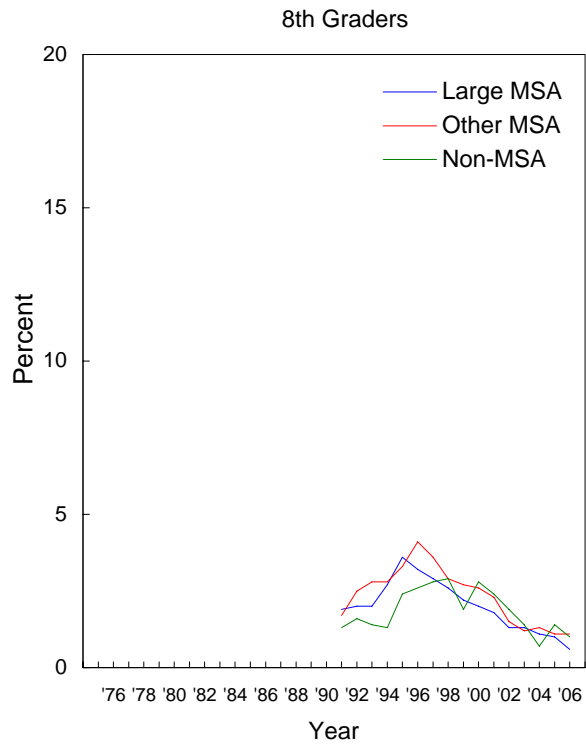
LSD: Trends in Annual Prevalence by College Plans



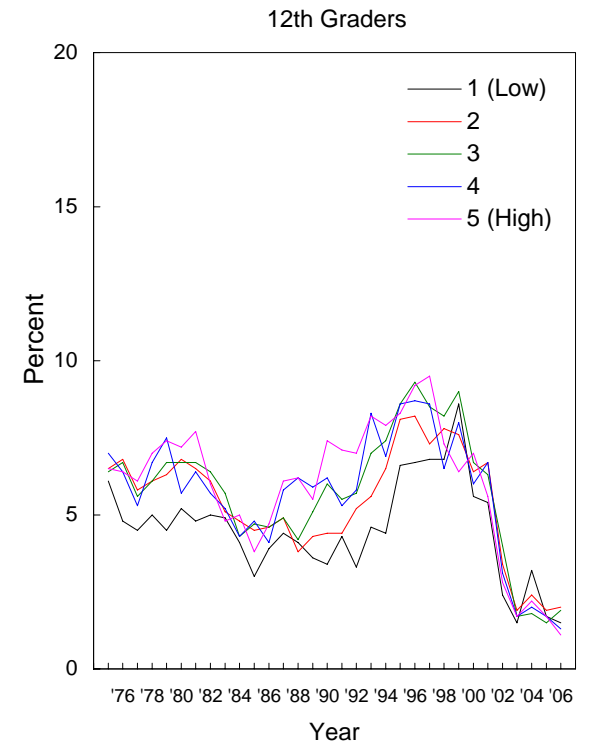
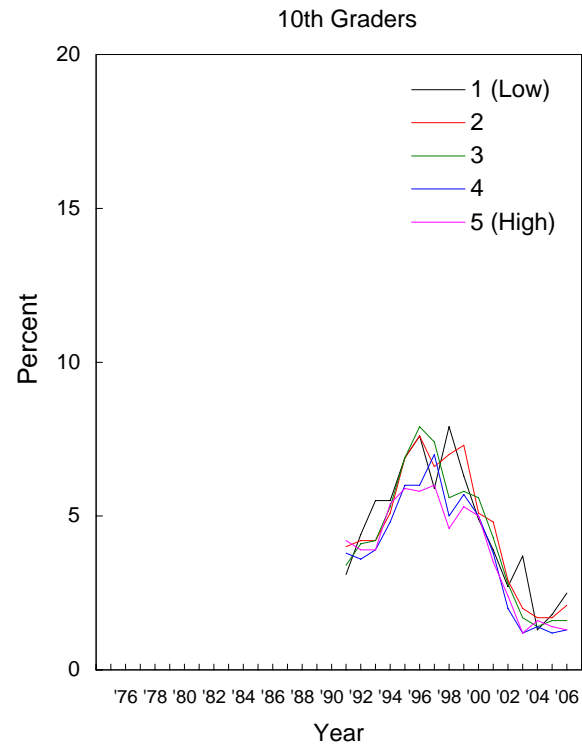
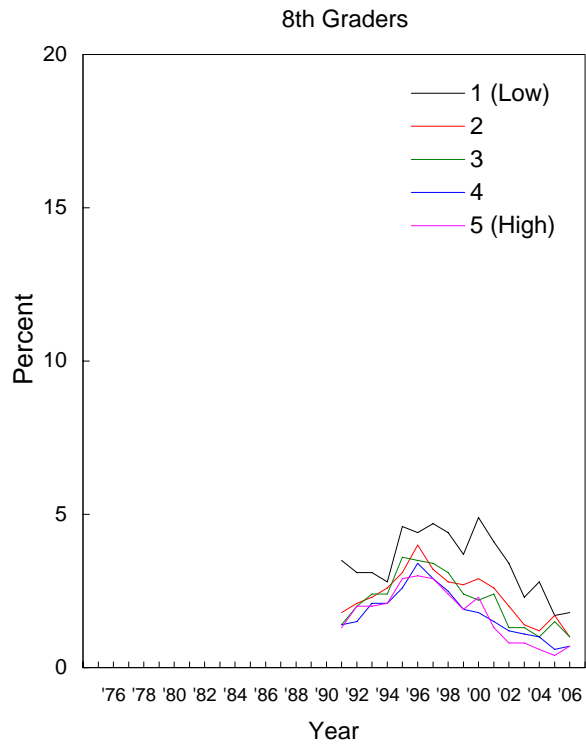
LSD: Trends in Annual Prevalence by Region



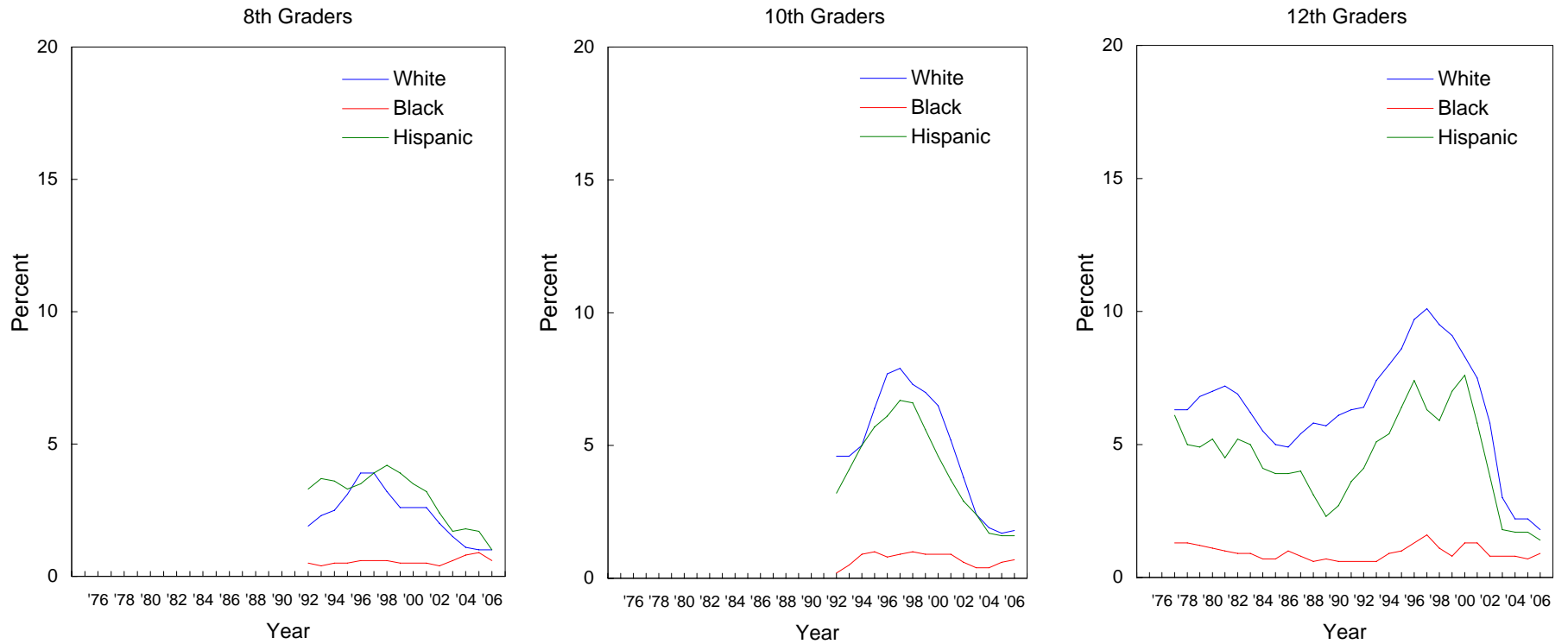
LSD: Trends in Annual Prevalence by Population Density



LSD: Trends in Annual Prevalence by Parents' Average Education

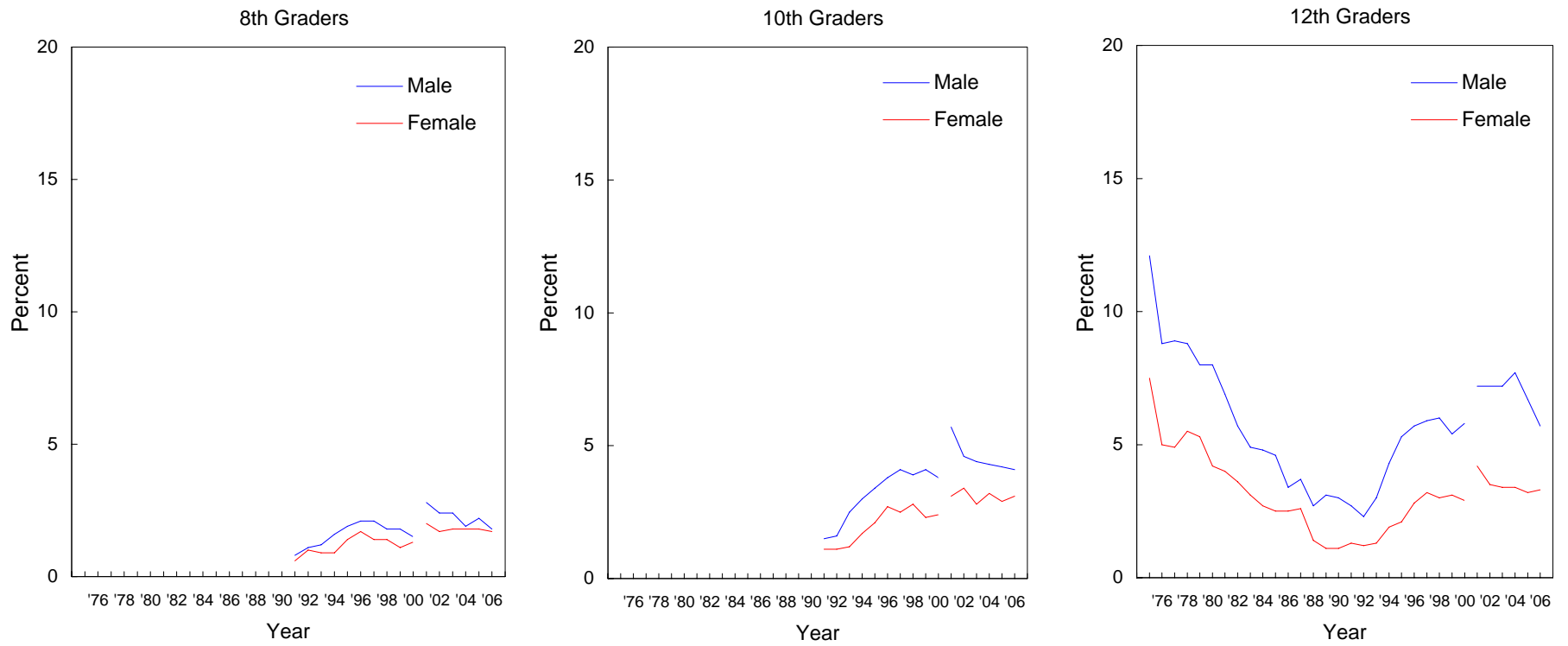


LSD: Trends in Annual Prevalence by Race/Ethnicity*



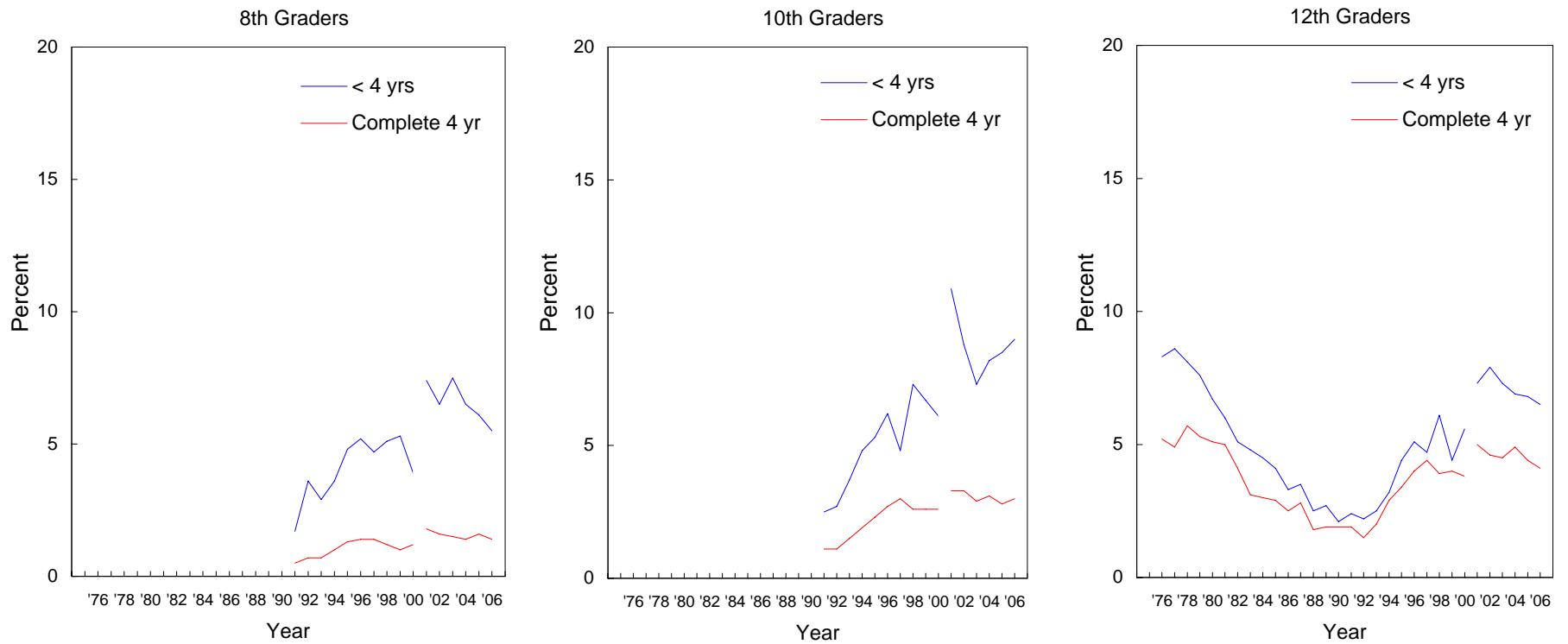
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Other Hallucinogens:* Trends in Annual Prevalence by Gender



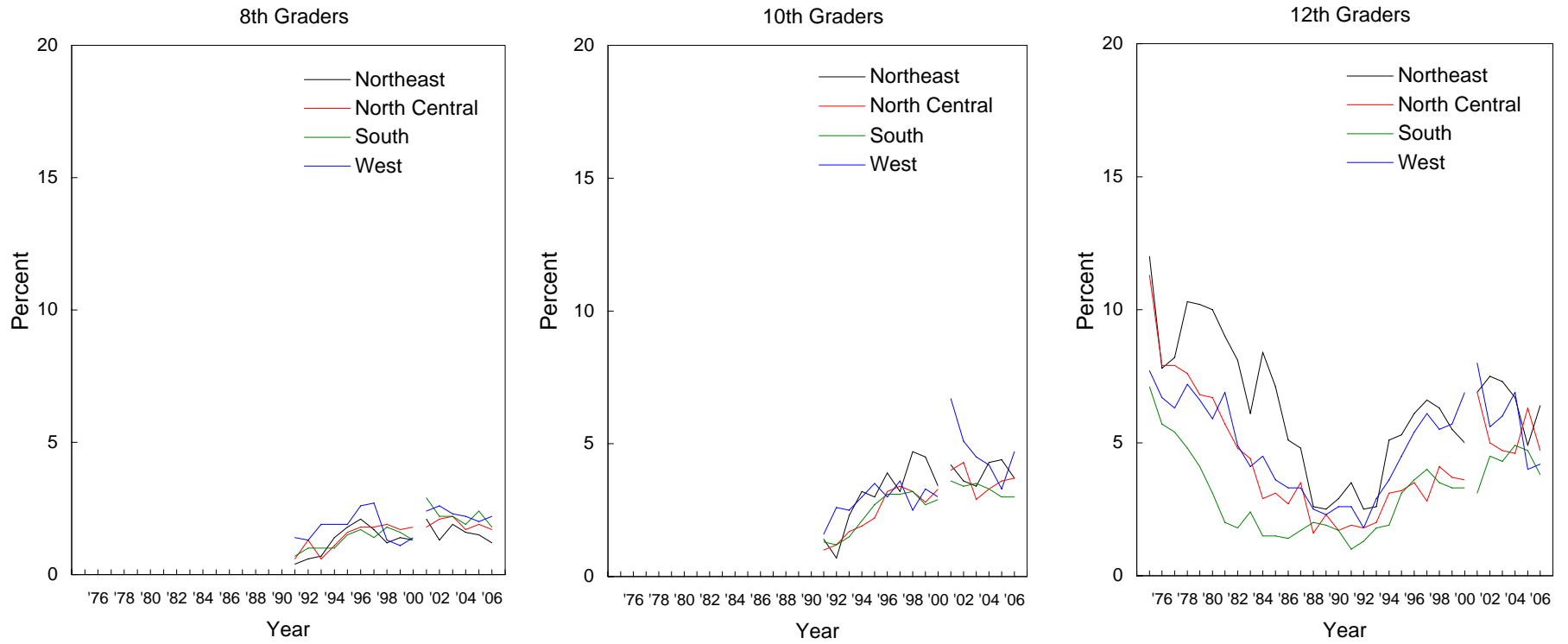
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

Other Hallucinogens:* Trends in Annual Prevalence by College Plans



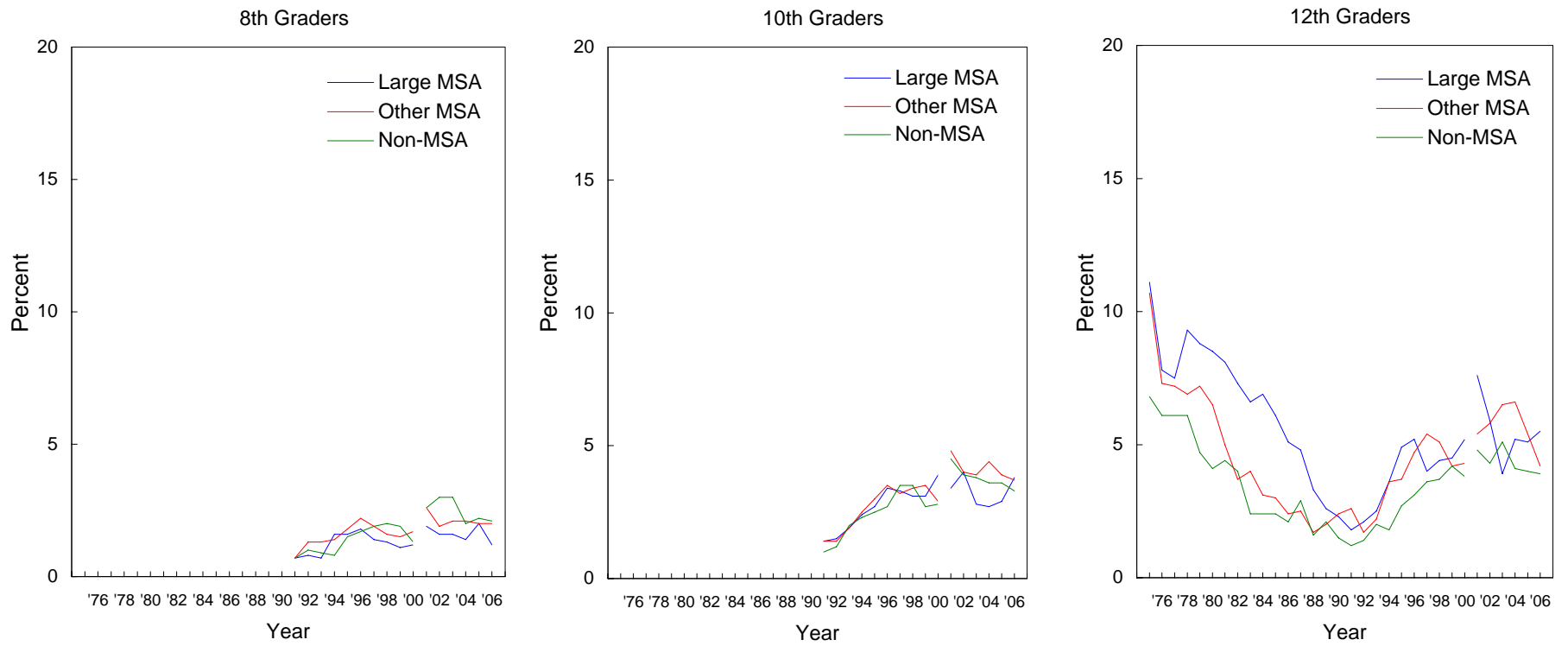
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

Other Hallucinogens:* Trends in Annual Prevalence by Region



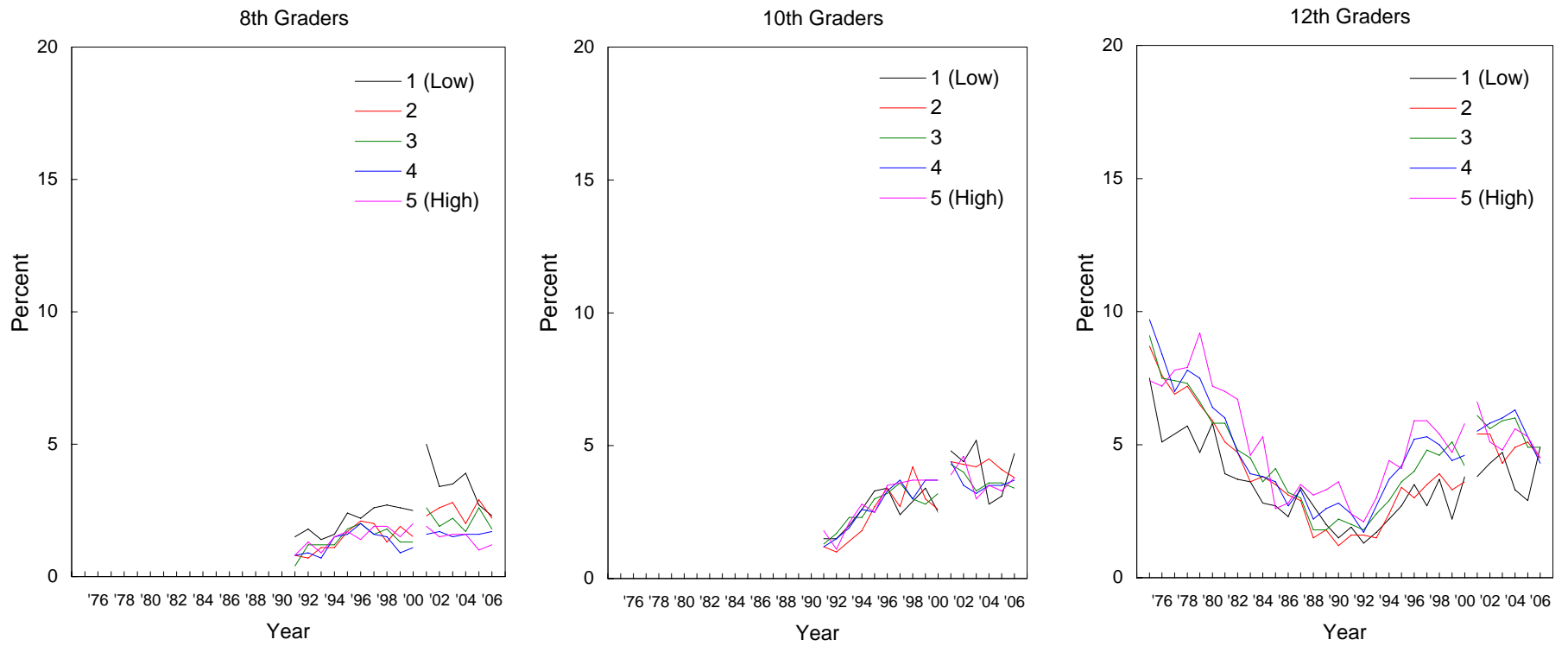
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

Other Hallucinogens:* Trends in Annual Prevalence by Population Density



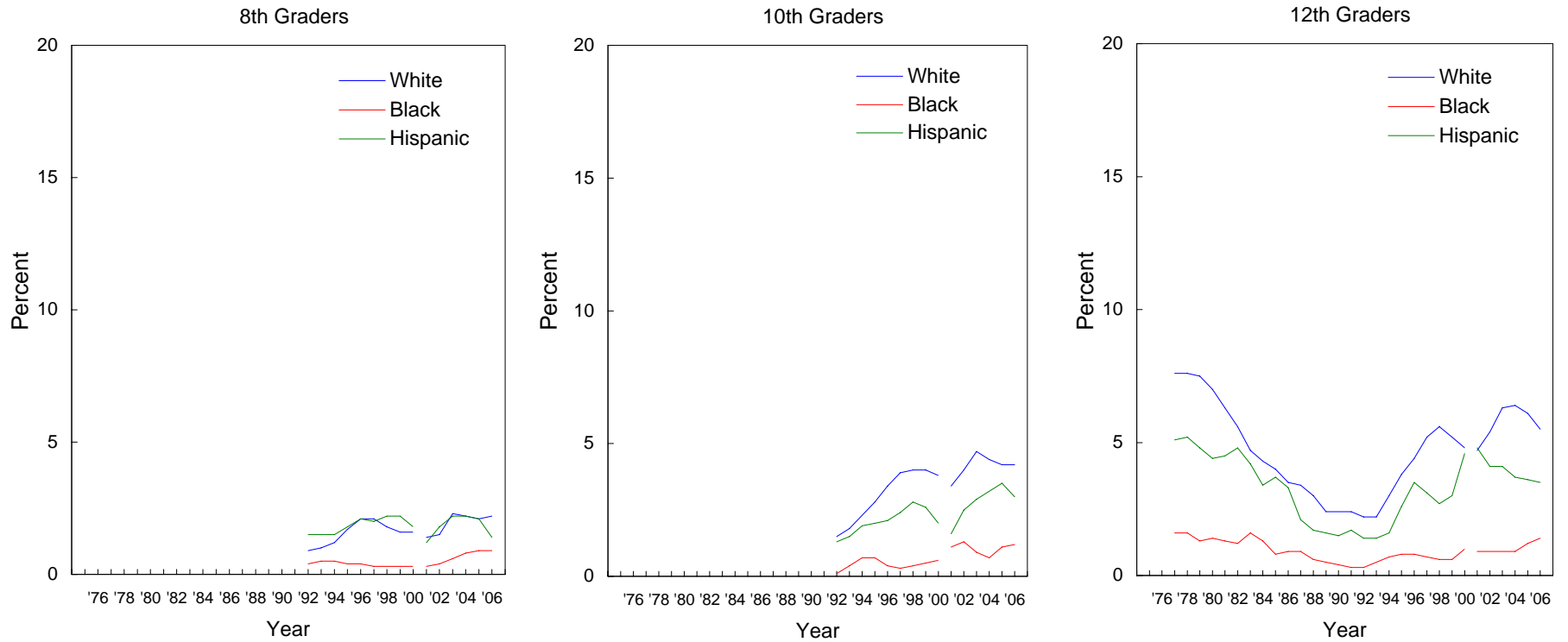
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

Other Hallucinogens:* Trends in Annual Prevalence by Parents' Average Education



*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

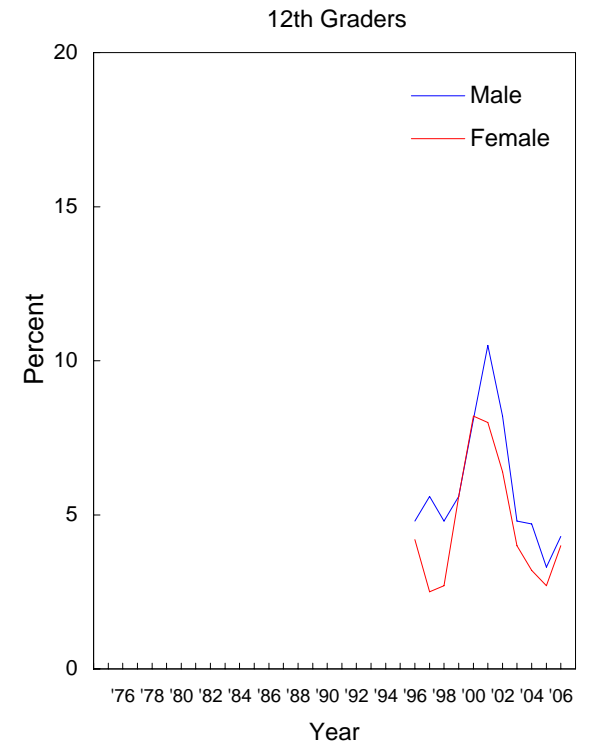
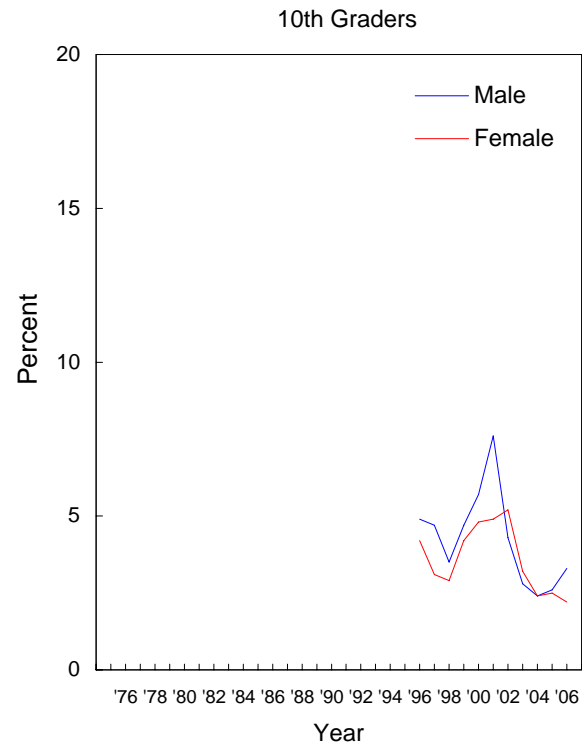
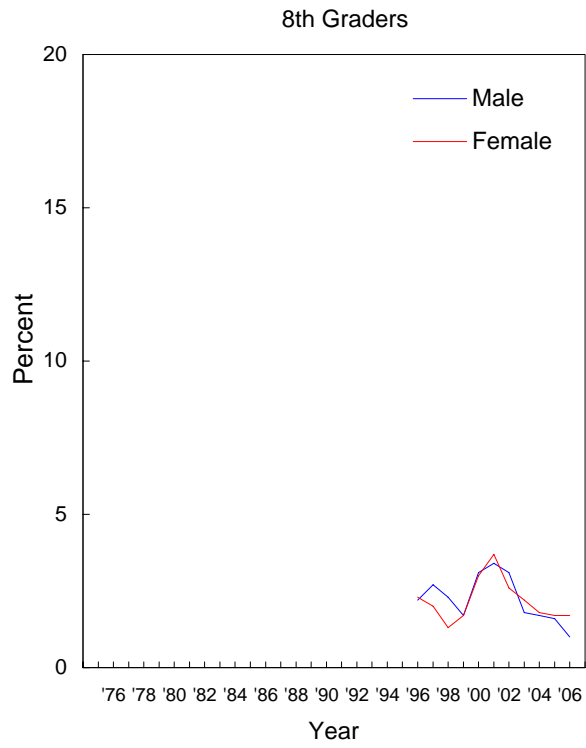
Other Hallucinogens:* Trends in Annual Prevalence by Race/Ethnicity**



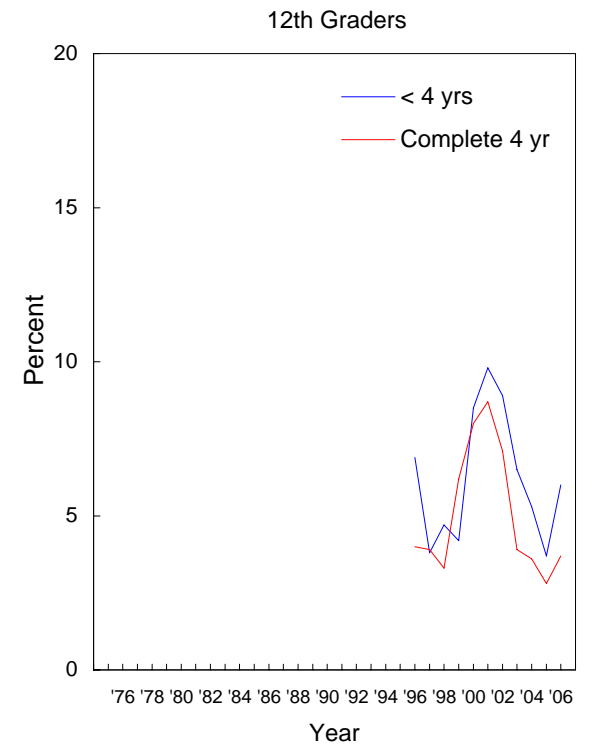
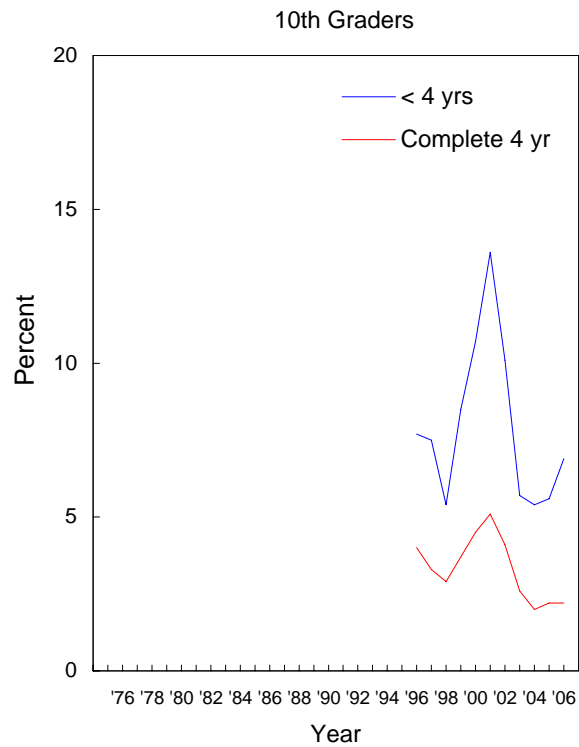
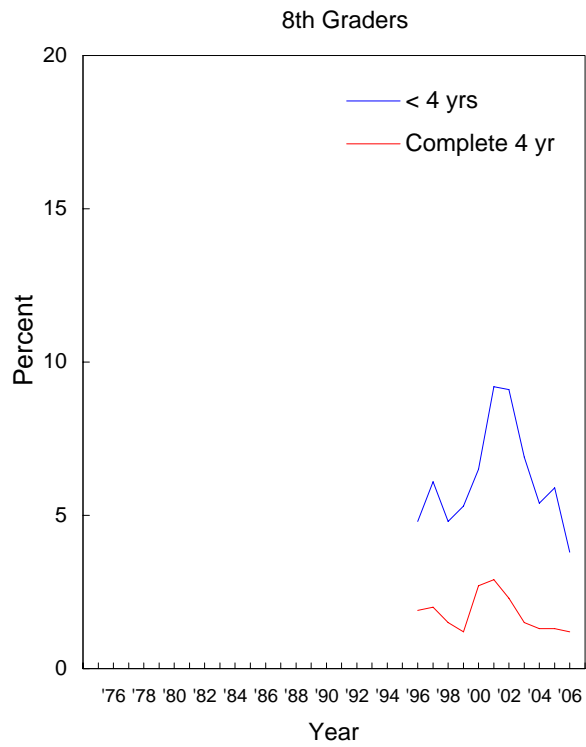
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

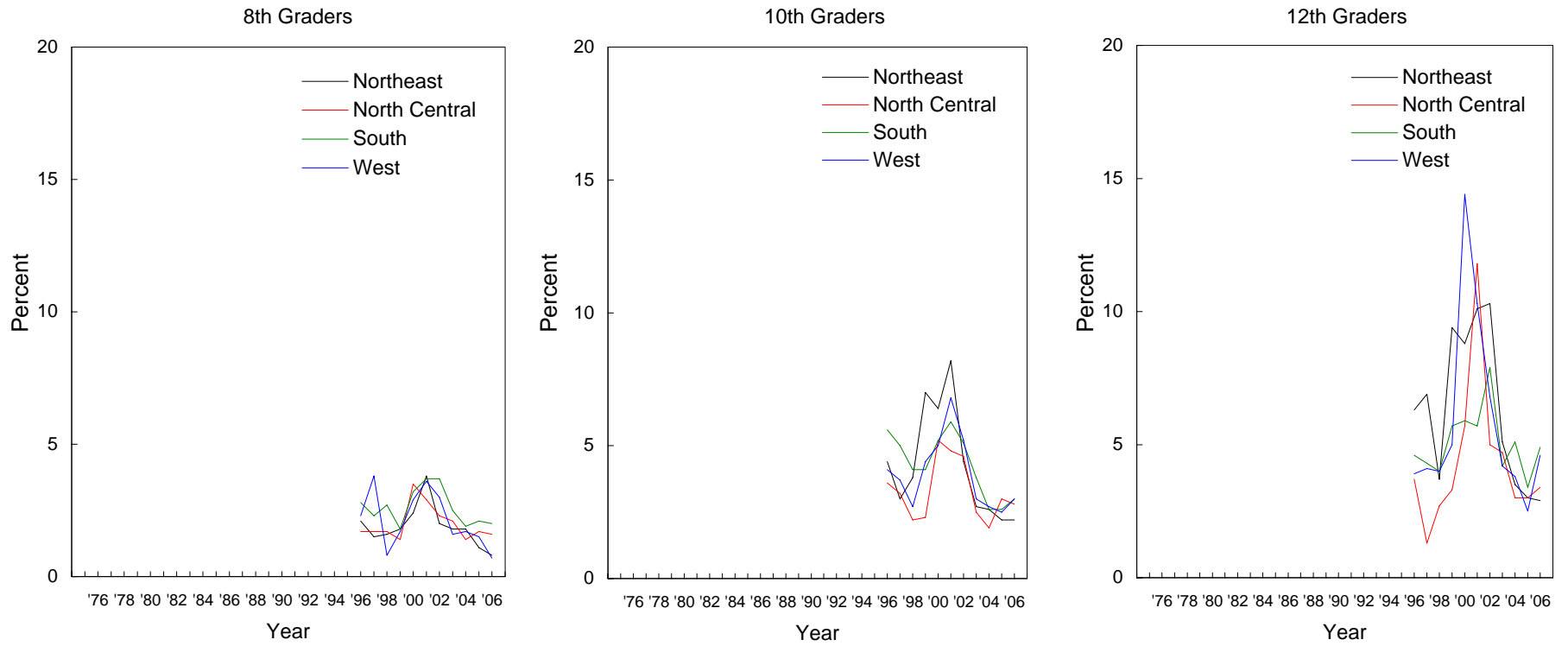
MDMA (Ecstasy): Trends in Annual Prevalence by Gender



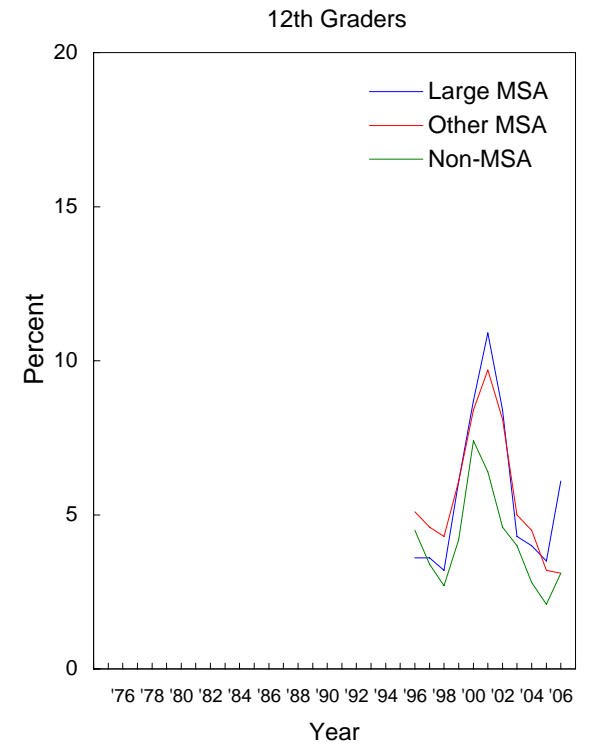
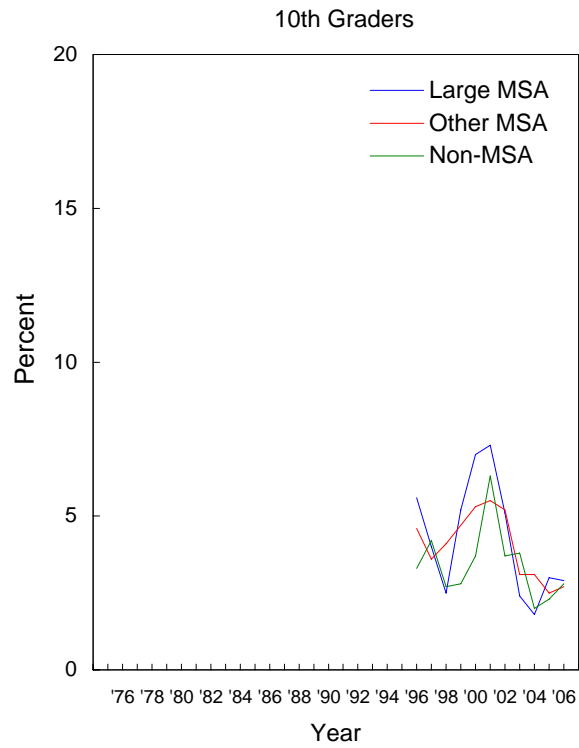
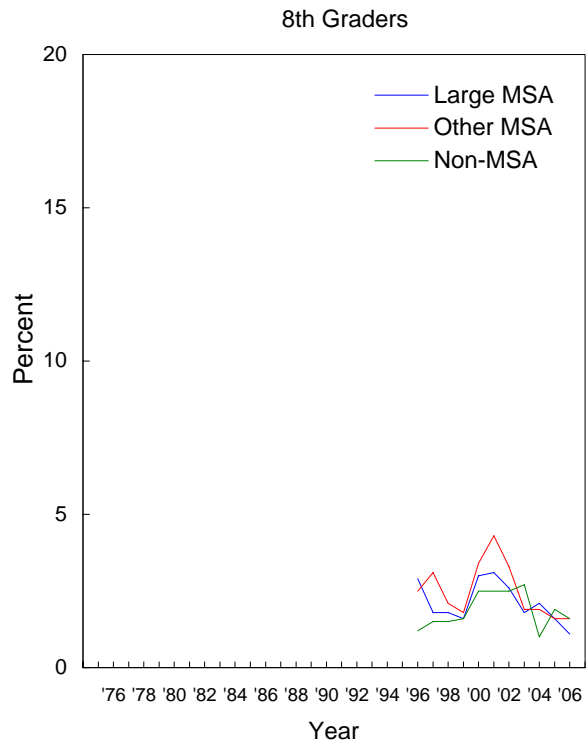
MDMA (Ecstasy): Trends in Annual Prevalence by College Plans



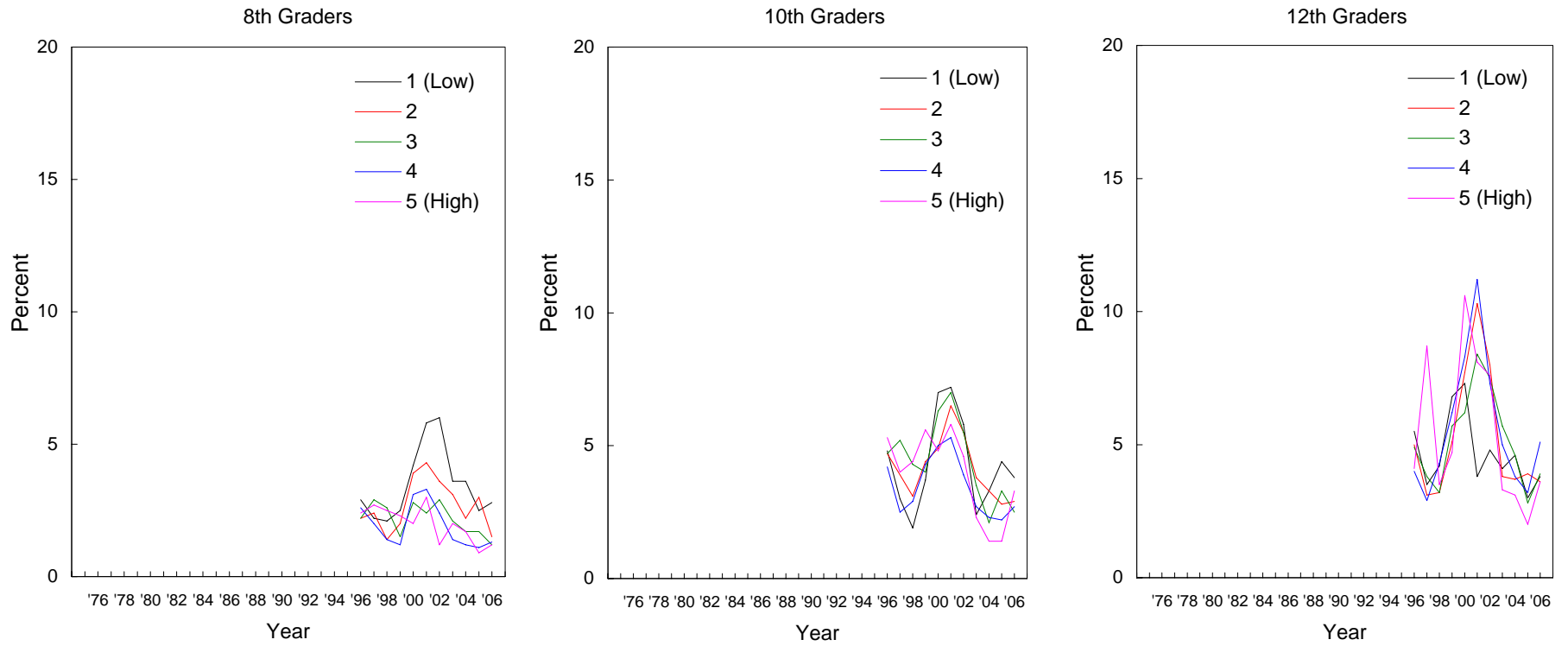
MDMA (Ecstasy): Trends in Annual Prevalence by Region



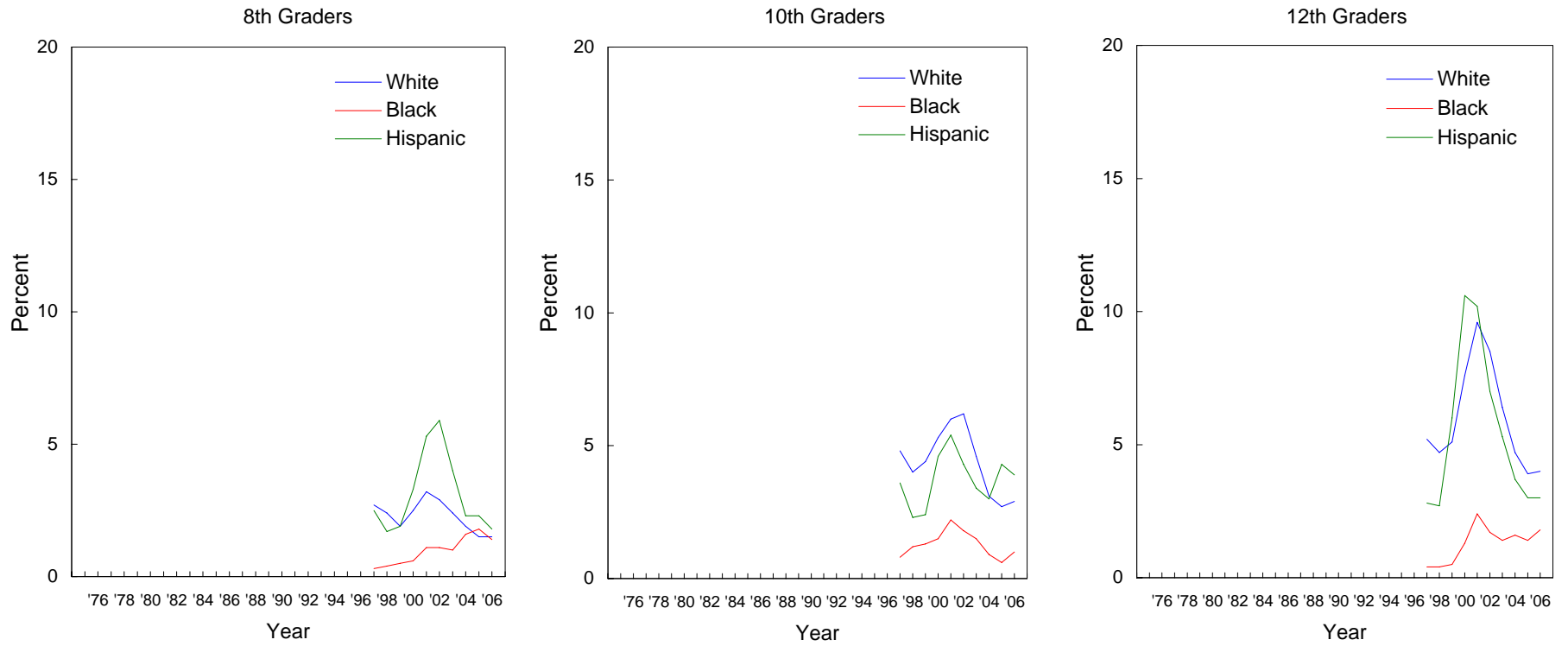
MDMA (Ecstasy): Trends in Annual Prevalence by Population Density



MDMA (Ecstasy): Trends in Annual Prevalence by Parents' Average Education

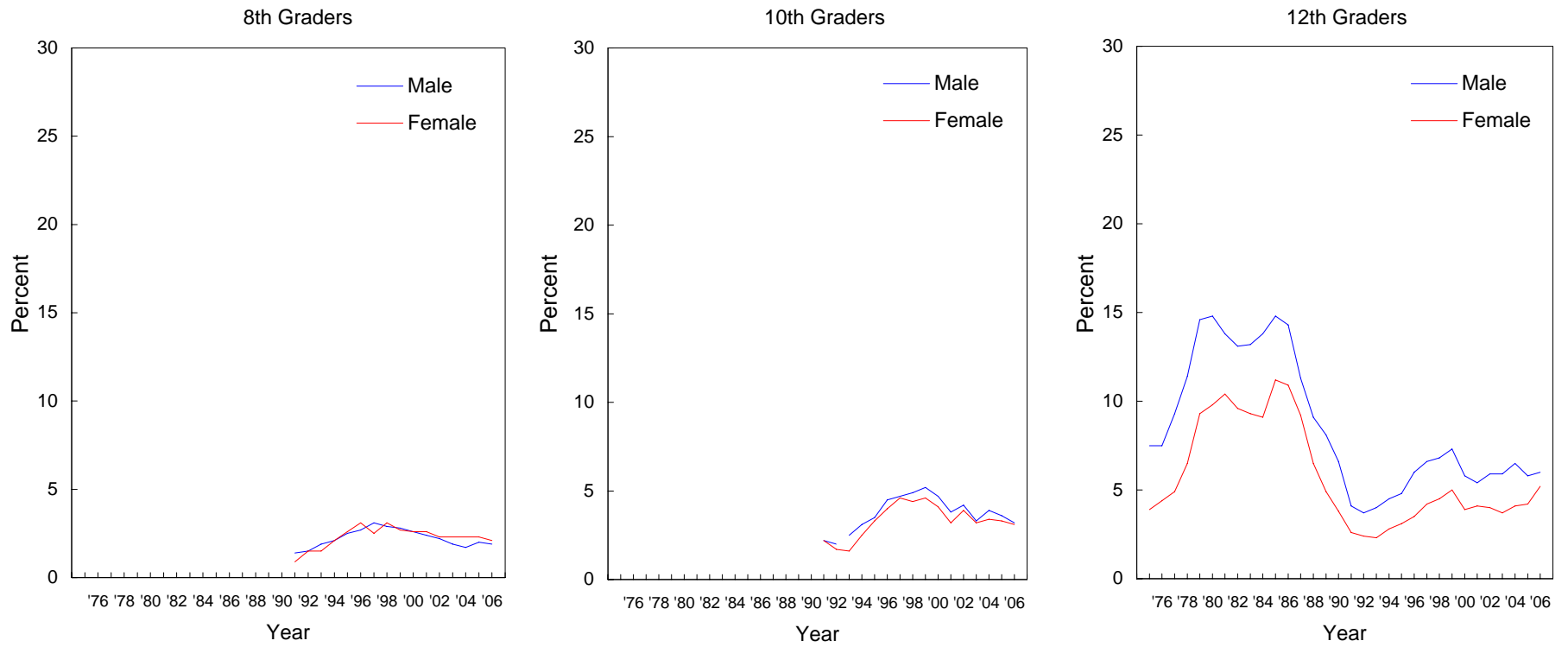


MDMA (Ecstasy): Trends in Annual Prevalence by Race/Ethnicity*

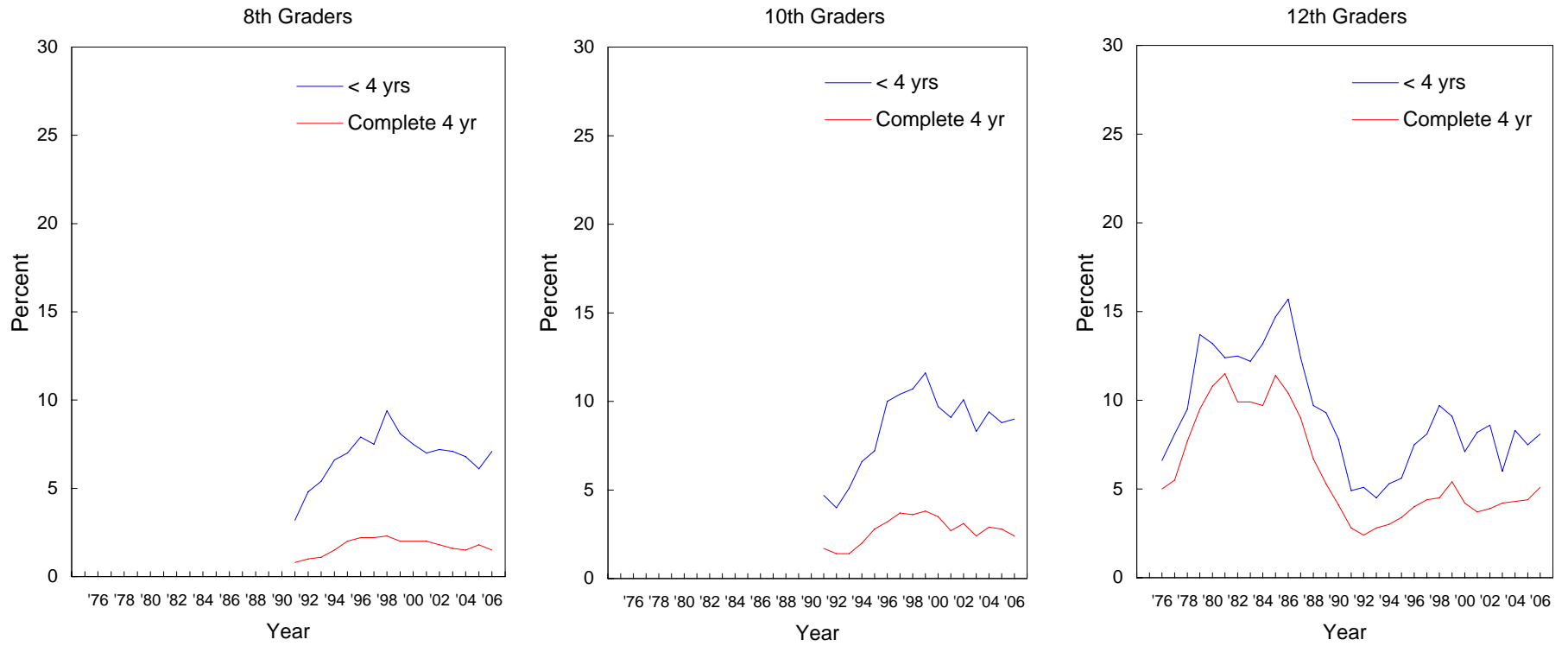


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

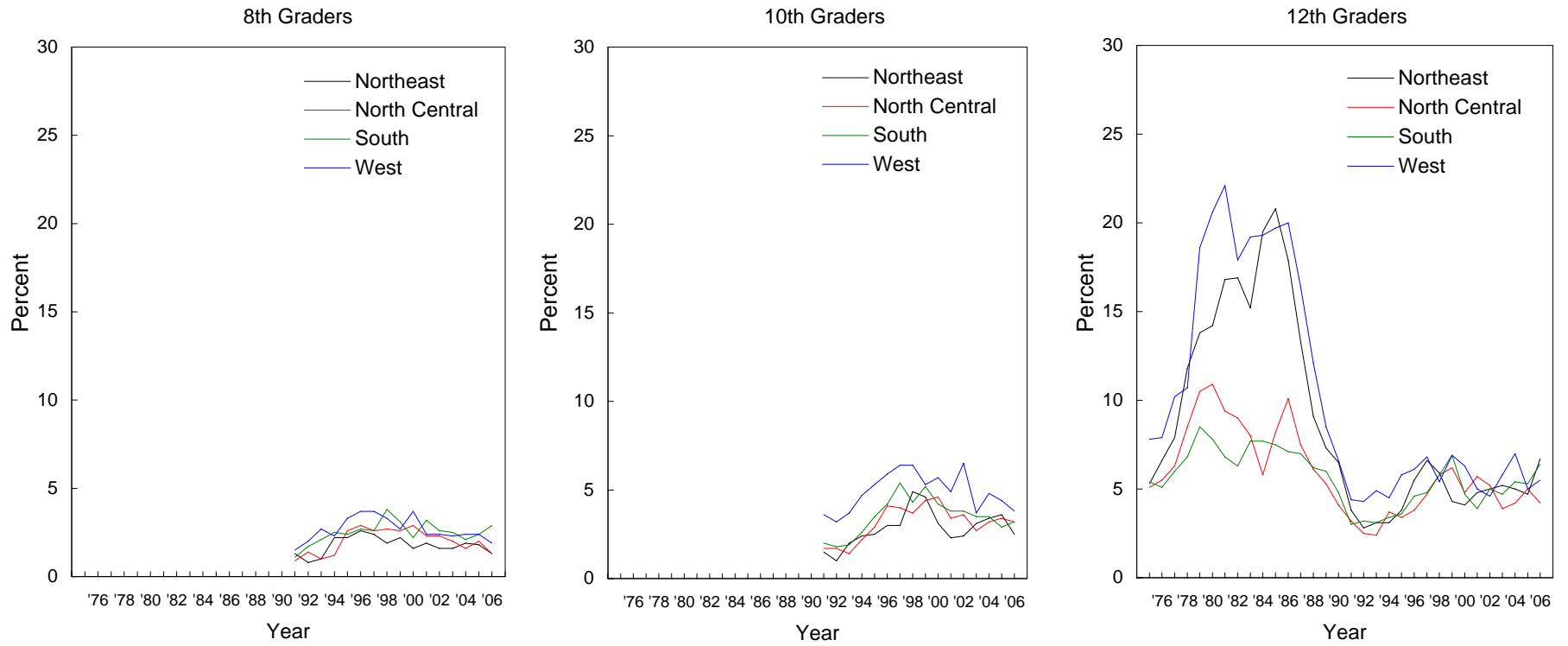
Cocaine: Trends in Annual Prevalence by Gender



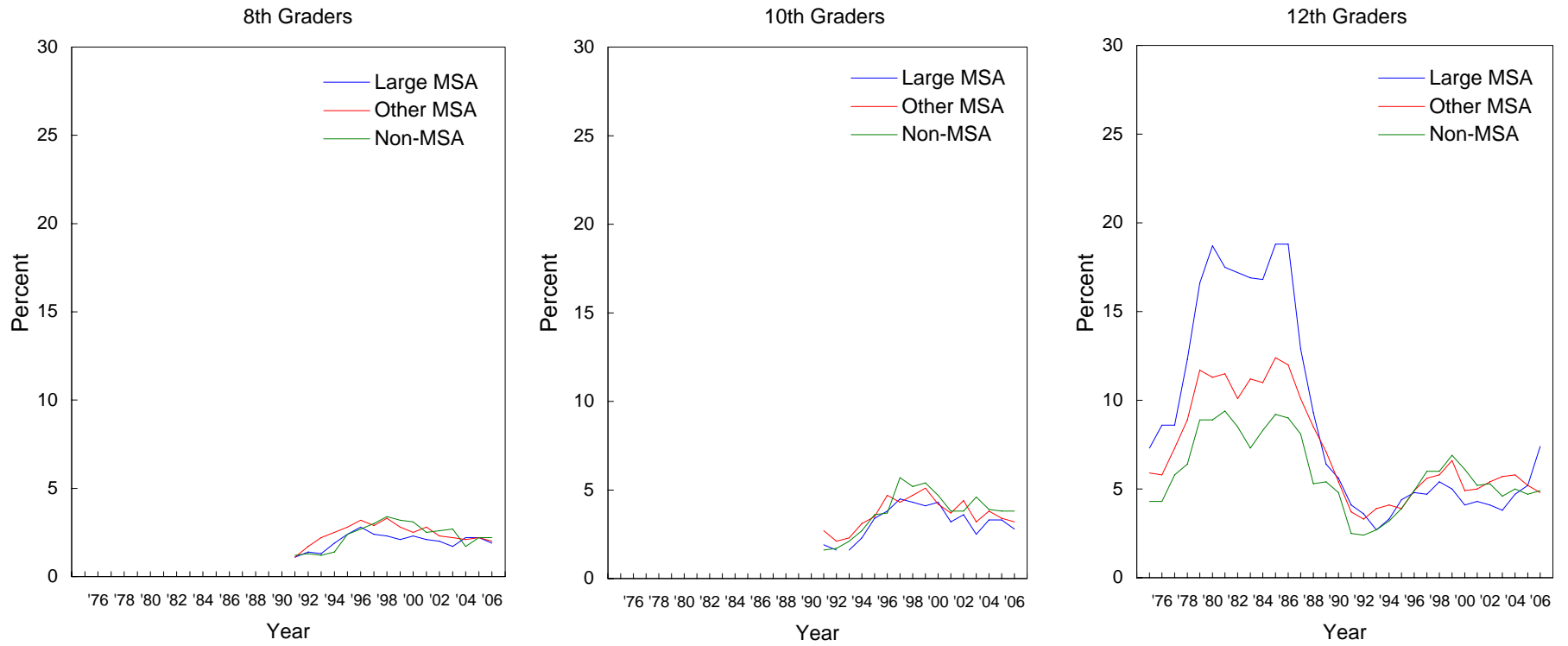
Cocaine: Trends in Annual Prevalence by College Plans



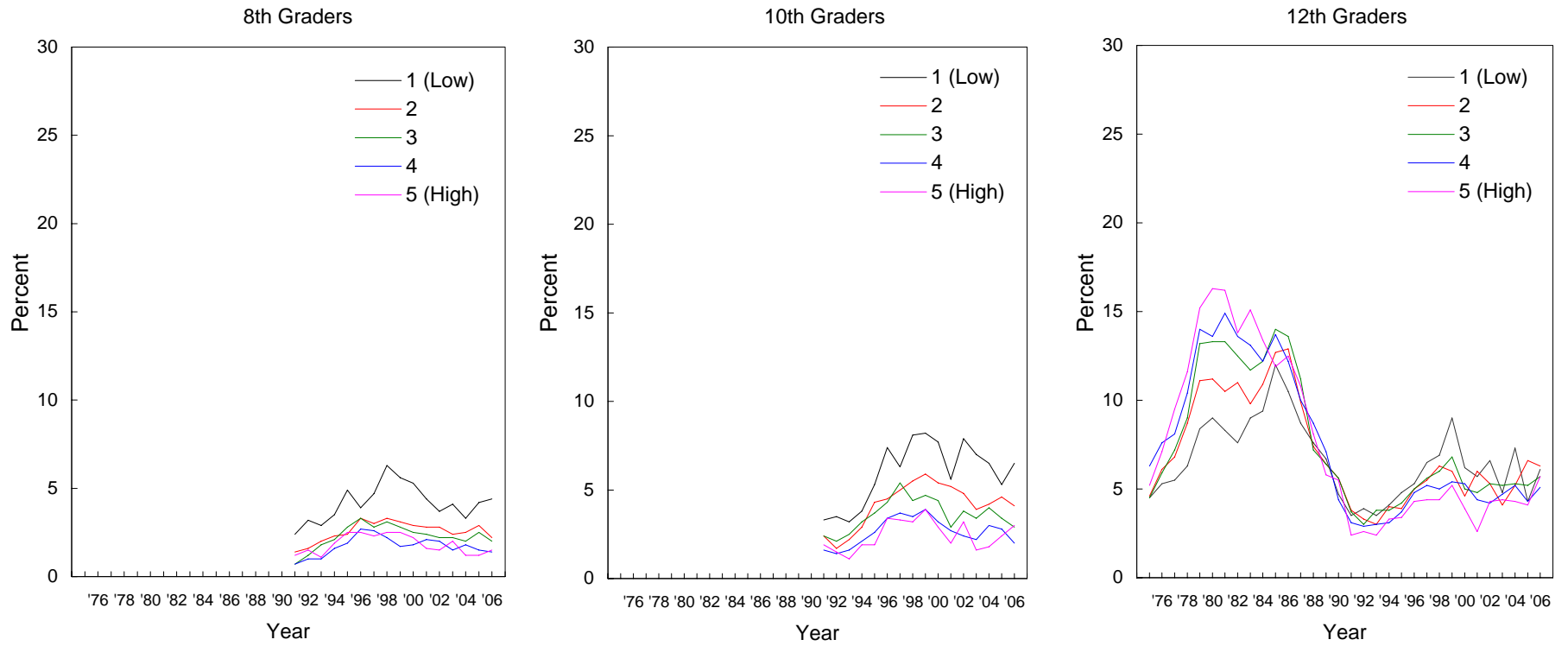
Cocaine: Trends in Annual Prevalence by Region



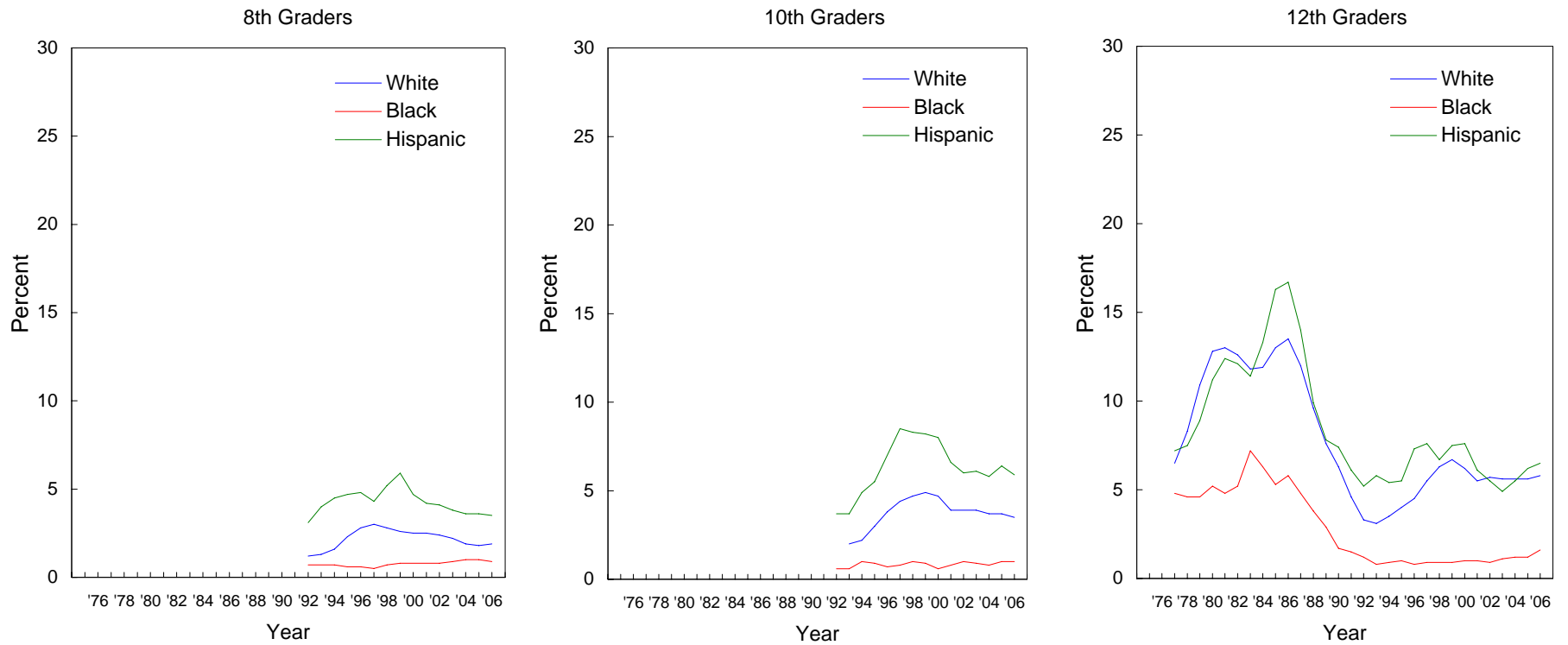
Cocaine: Trends in Annual Prevalence by Population Density



Cocaine: Trends in Annual Prevalence by Parents' Average Education

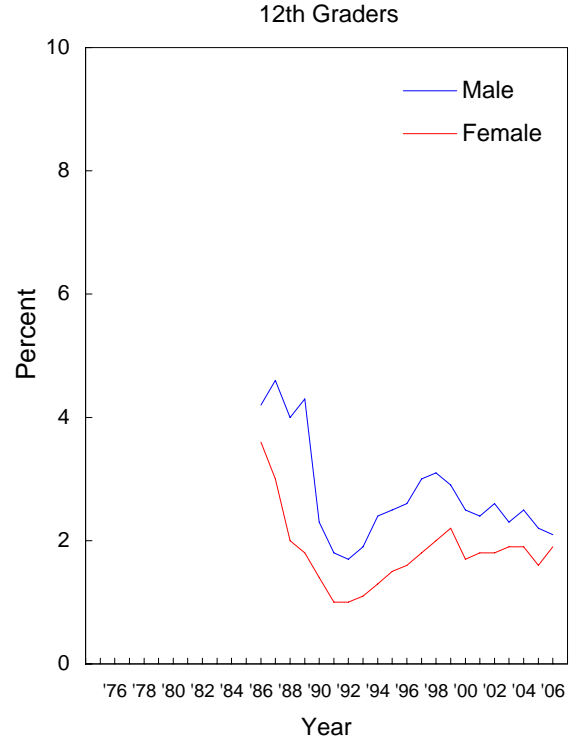
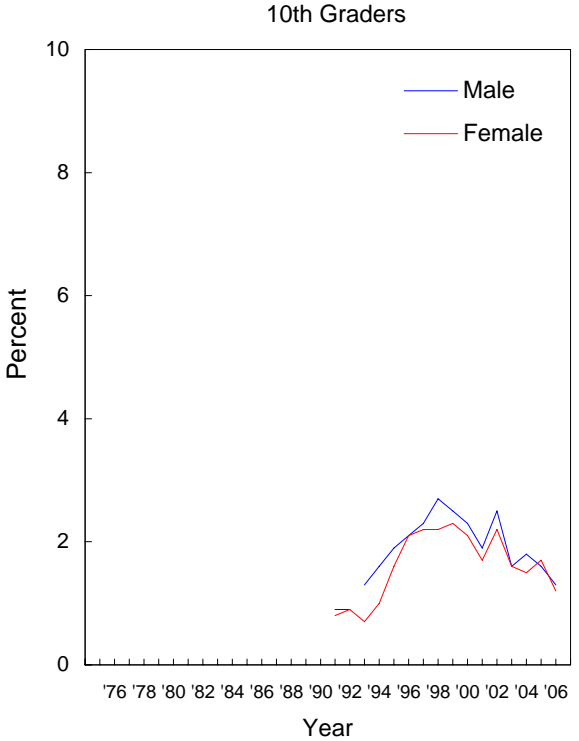
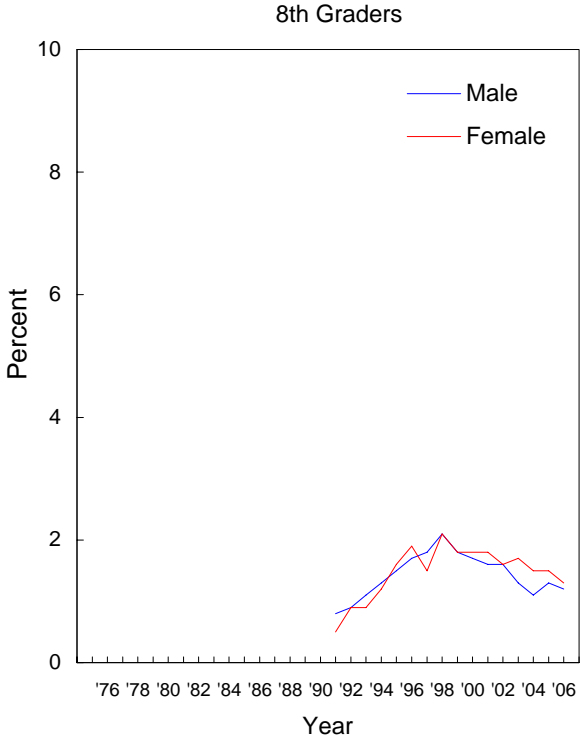


Cocaine: Trends in Annual Prevalence by Race/Ethnicity*

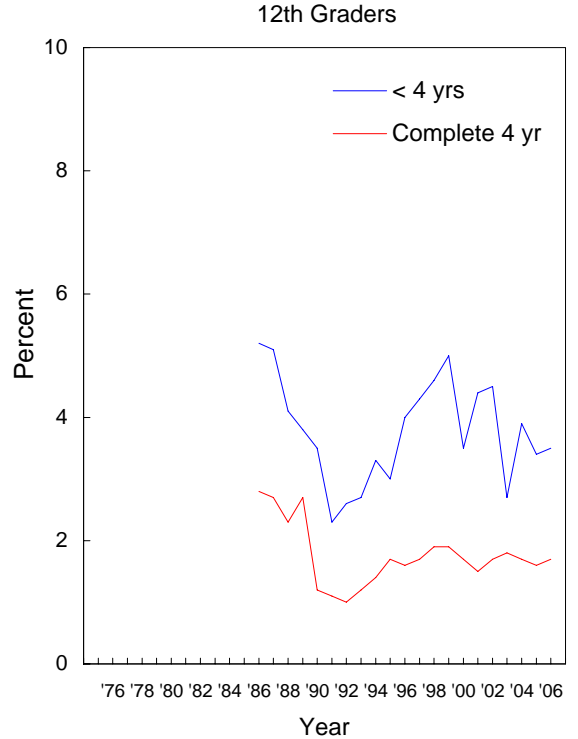
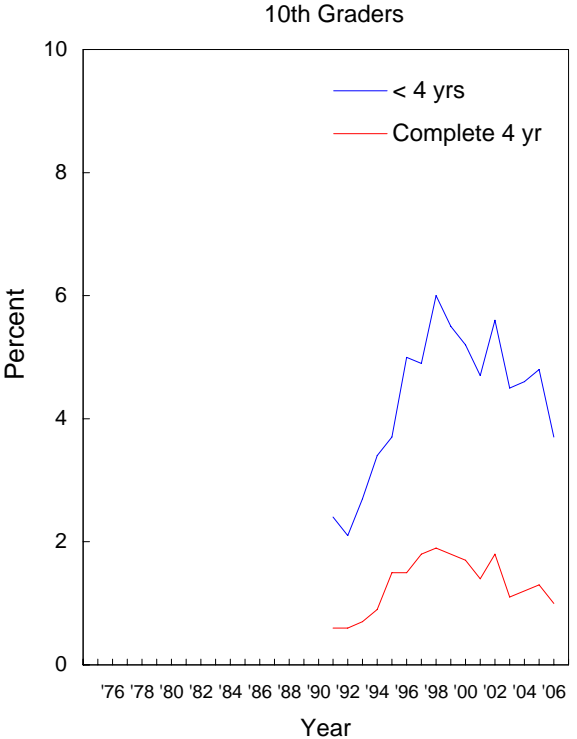
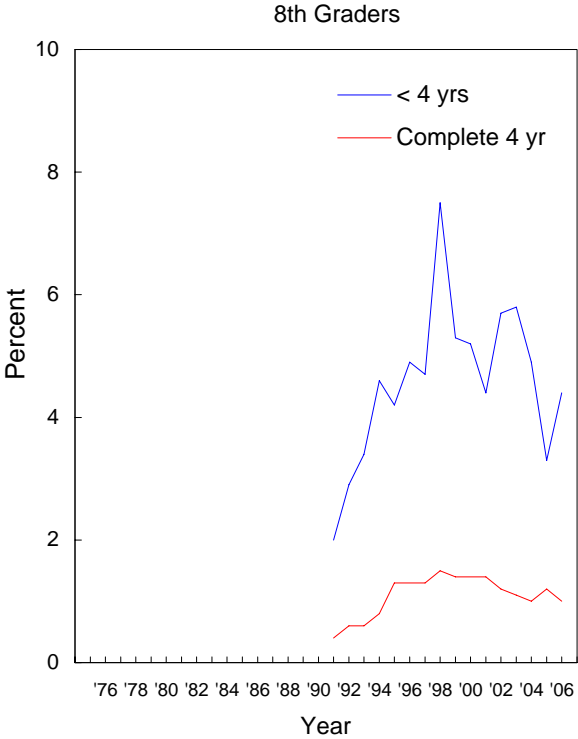


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

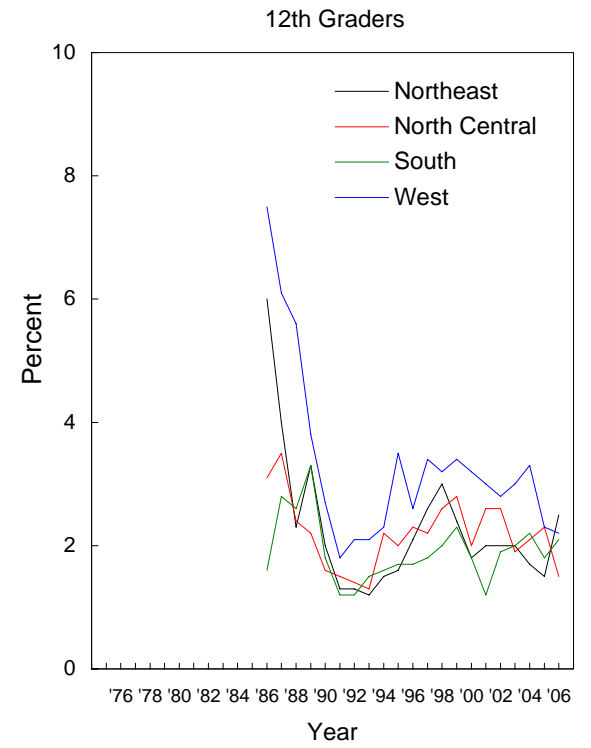
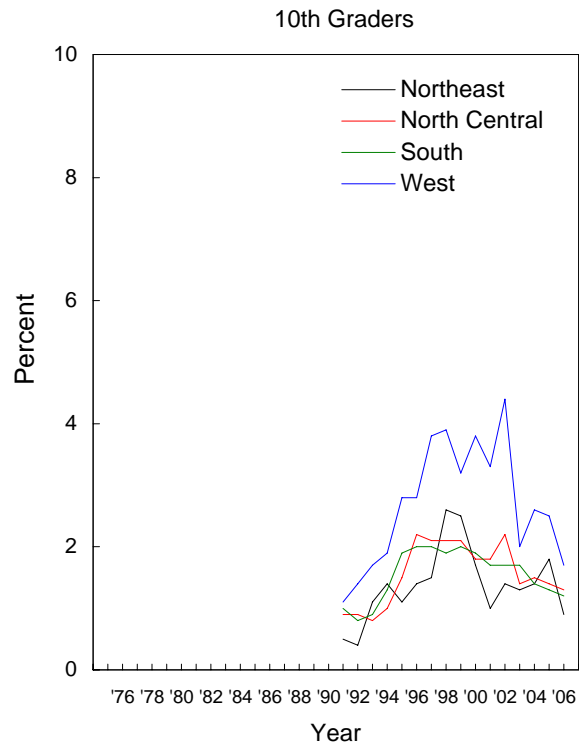
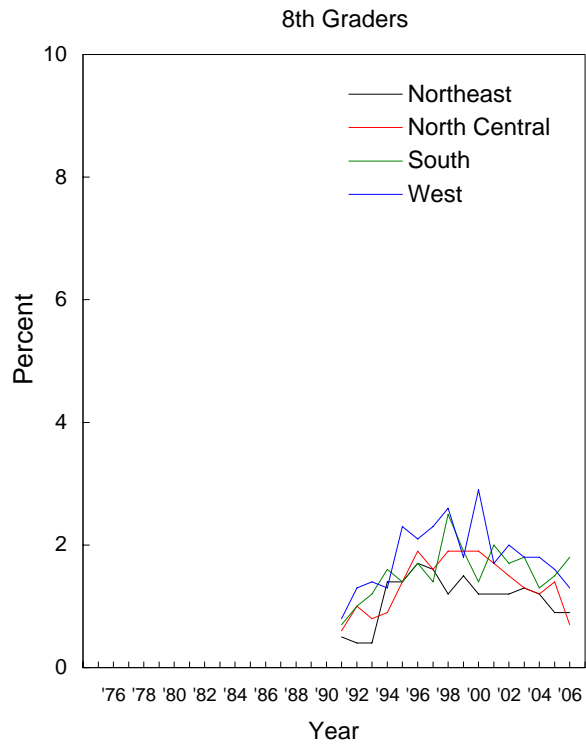
Crack: Trends in Annual Prevalence by Gender



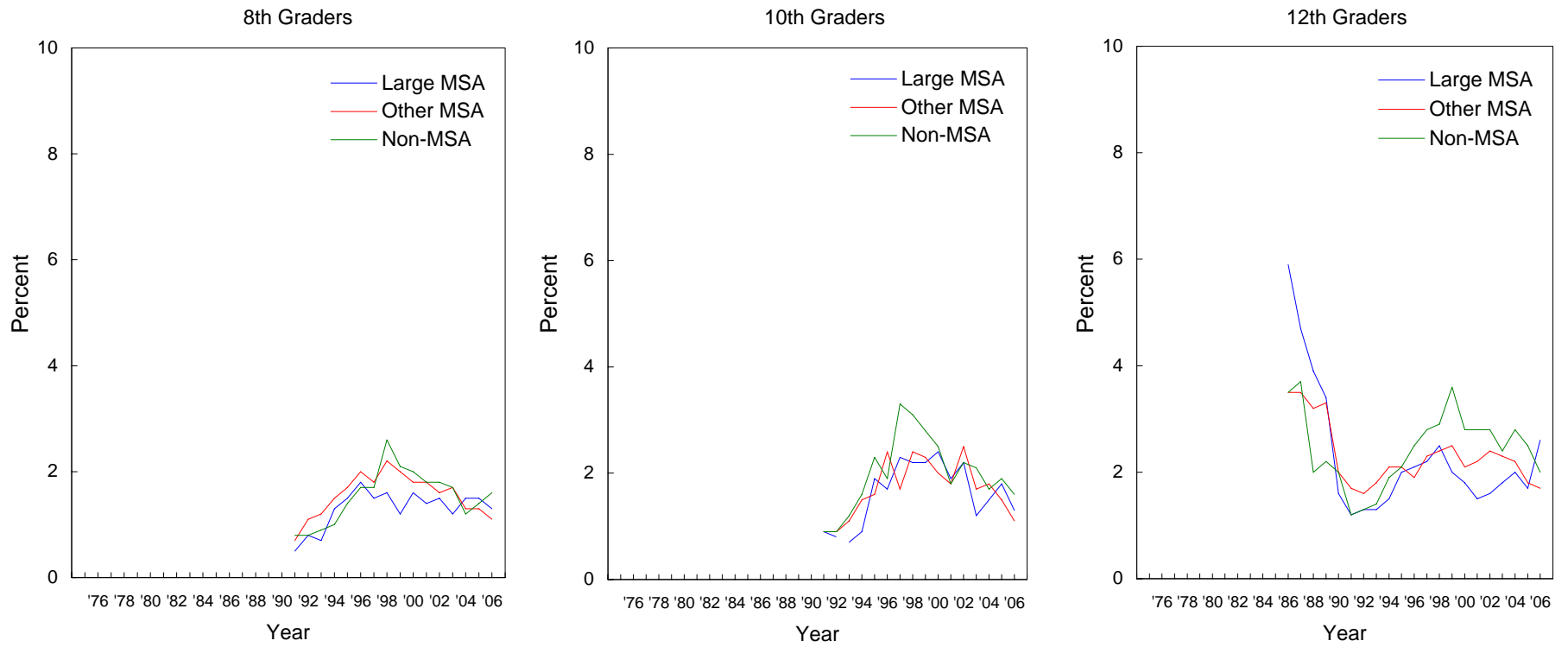
Crack: Trends in Annual Prevalence by College Plans



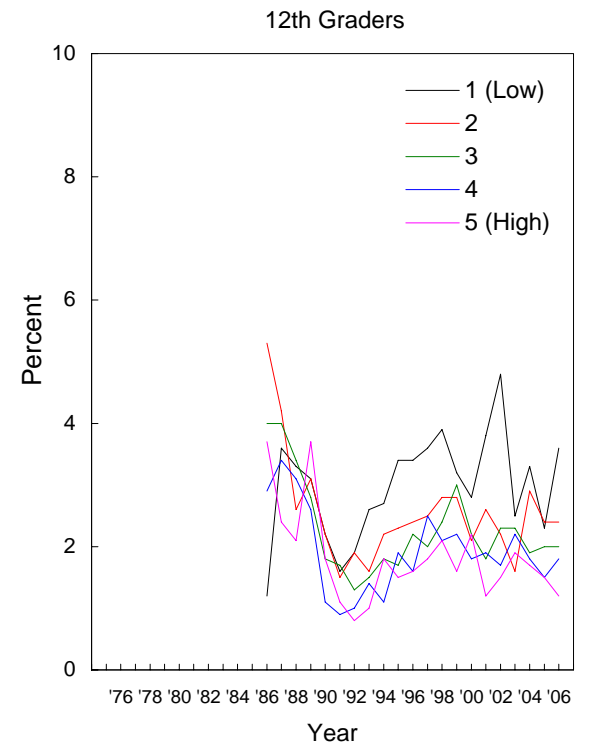
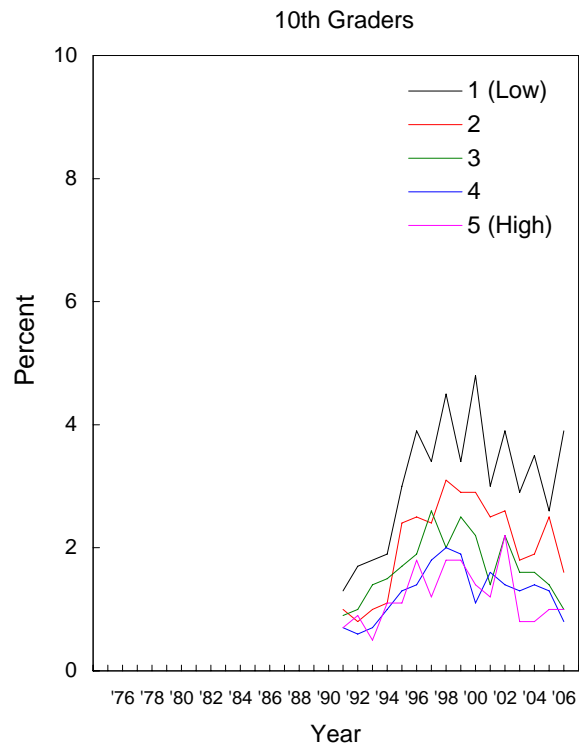
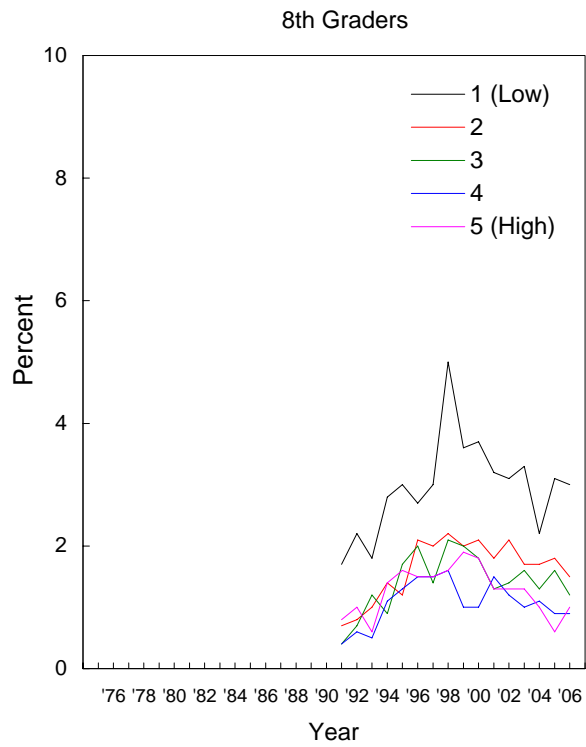
Crack: Trends in Annual Prevalence by Region



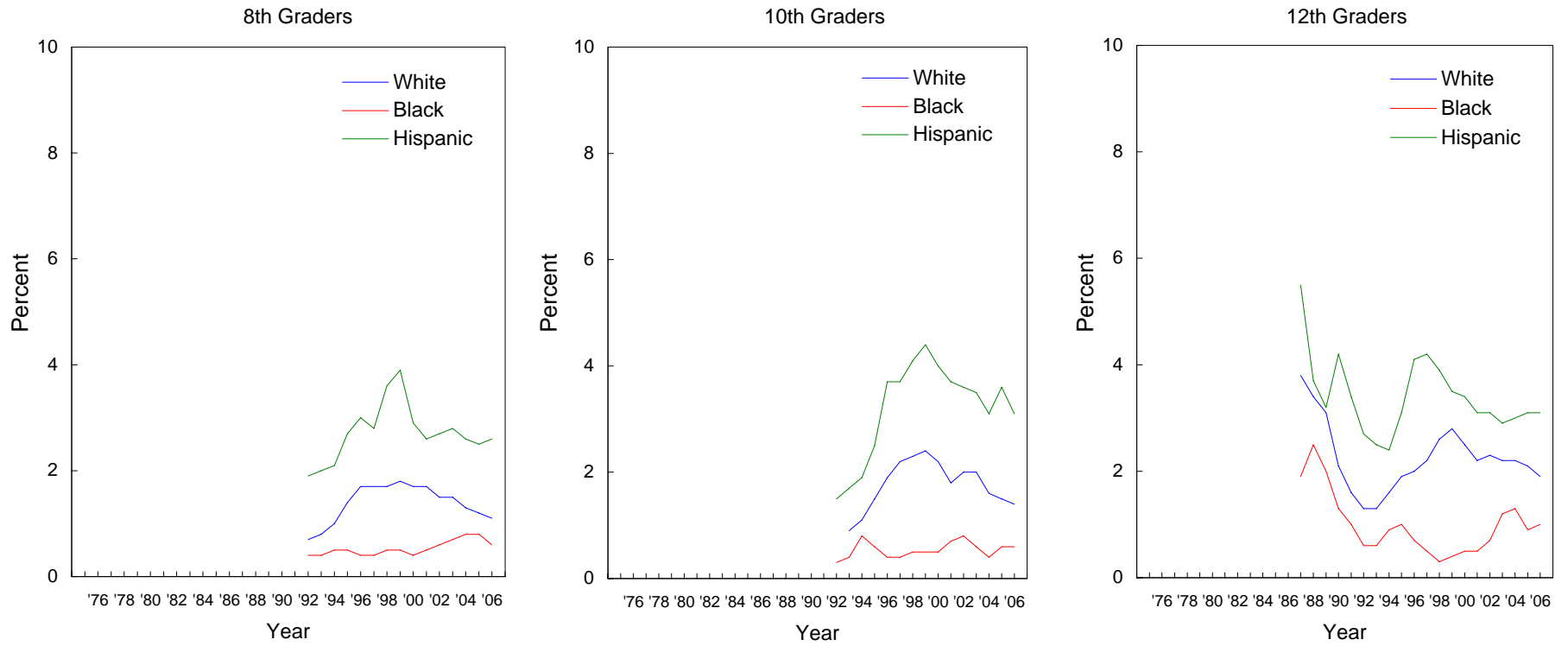
Crack: Trends in Annual Prevalence by Population Density



Crack: Trends in Annual Prevalence by Parents' Average Education

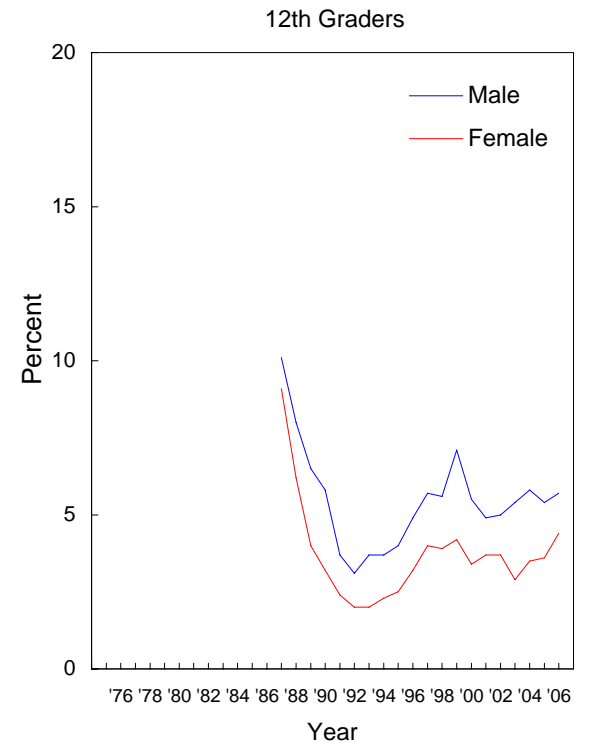
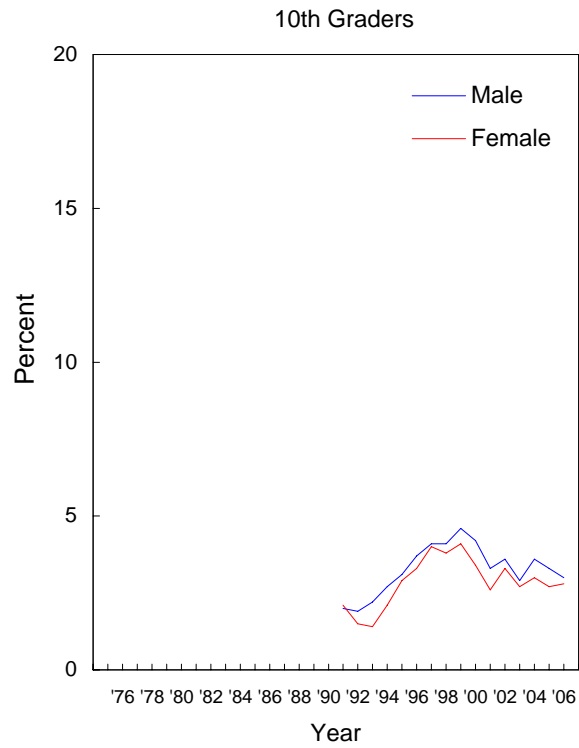
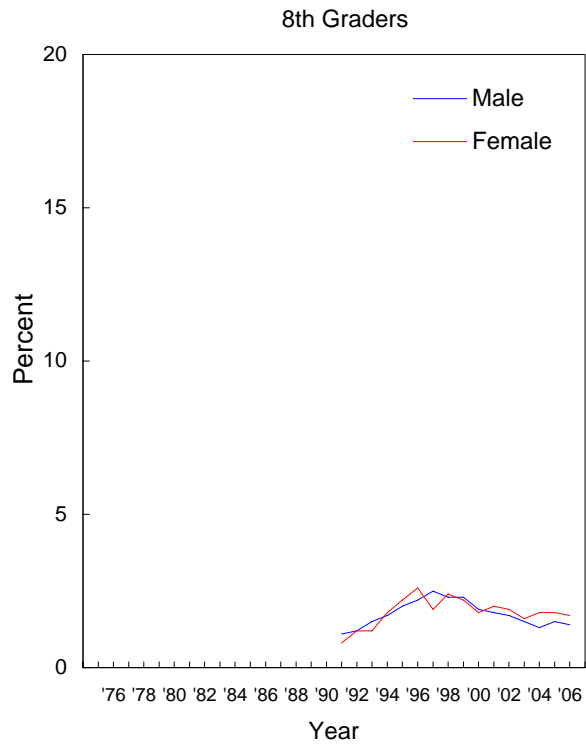


Crack: Trends in Annual Prevalence by Race/Ethnicity*

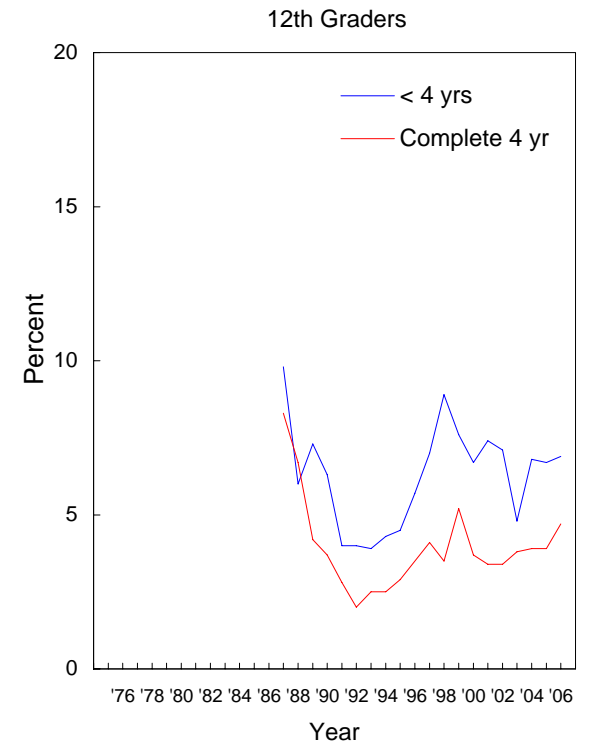
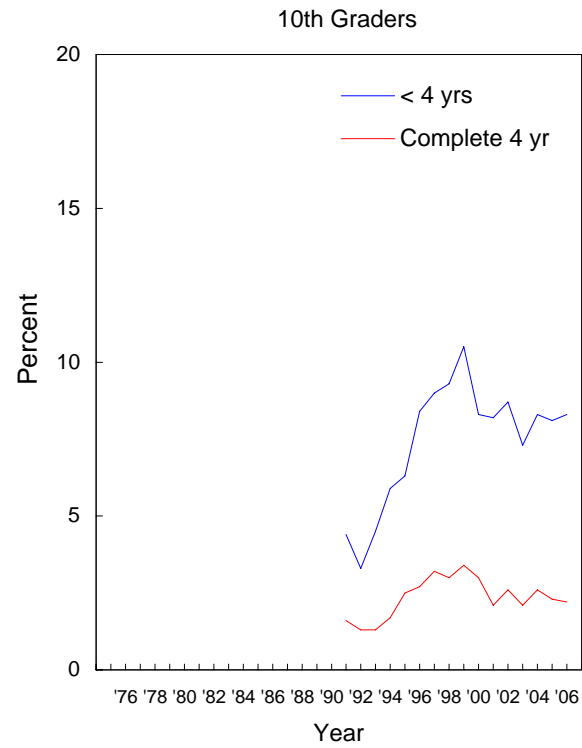
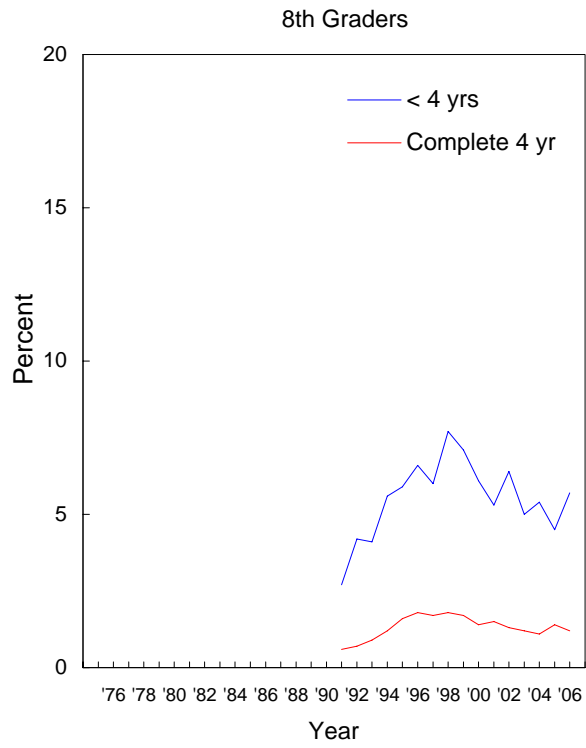


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

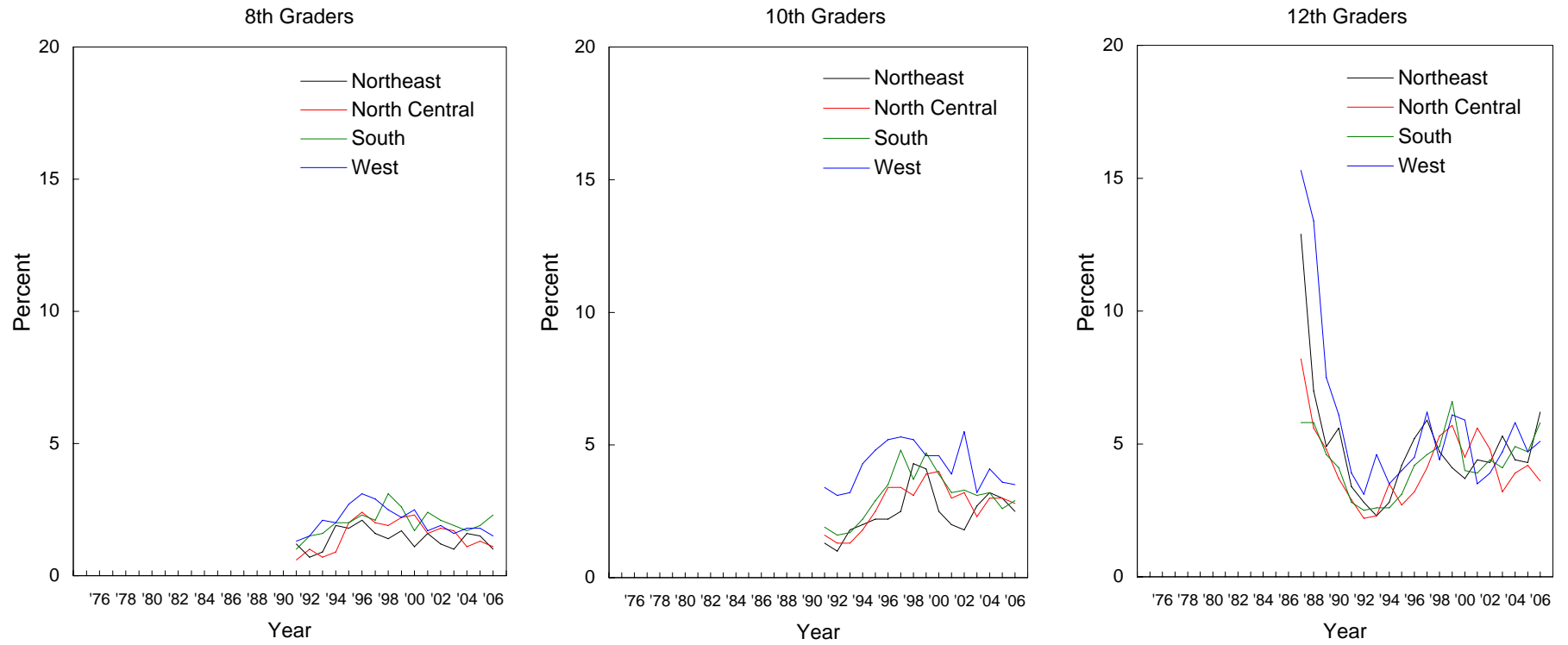
Other Cocaine: Trends in Annual Prevalence by Gender



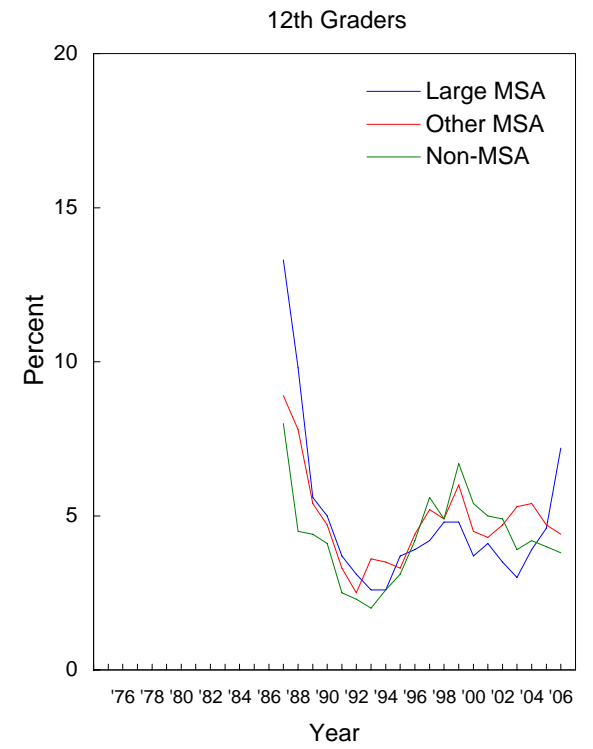
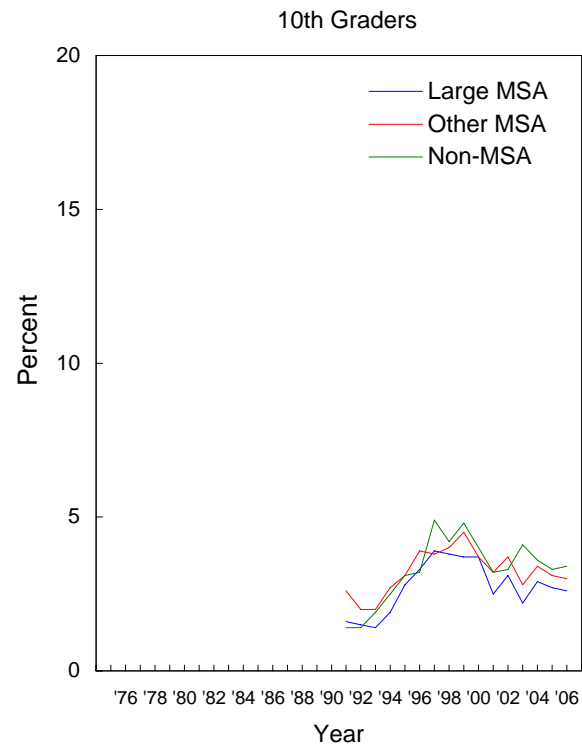
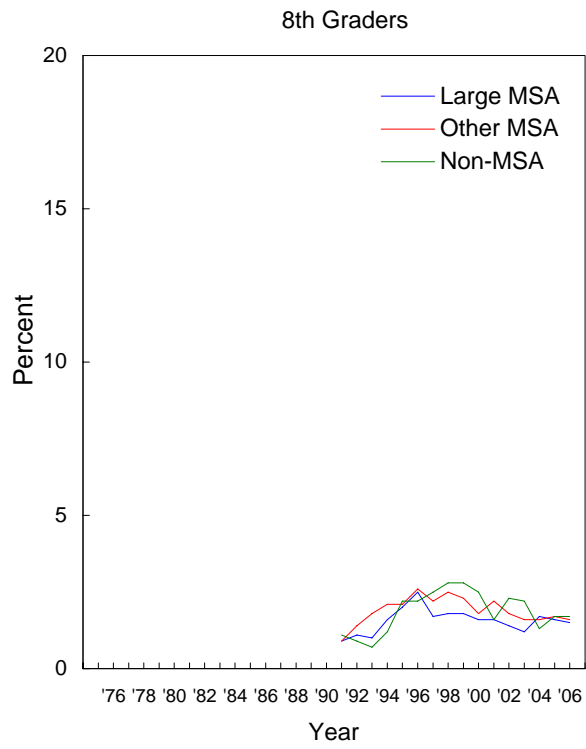
Other Cocaine: Trends in Annual Prevalence by College Plans



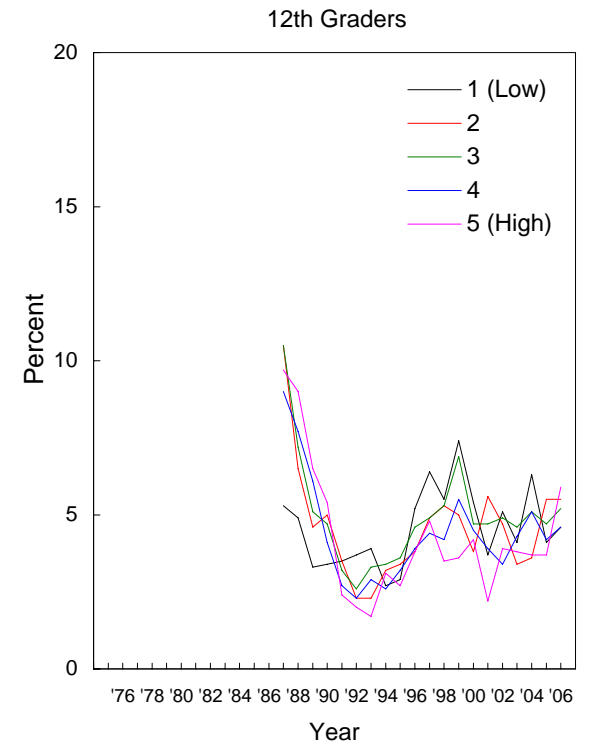
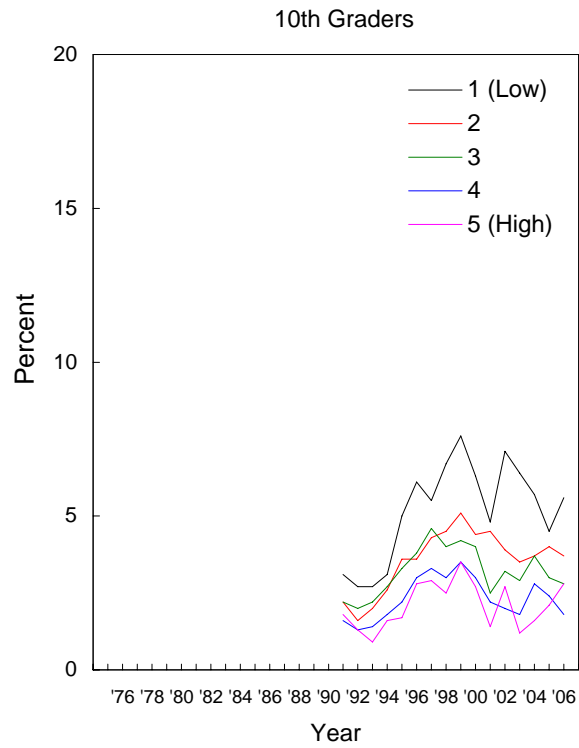
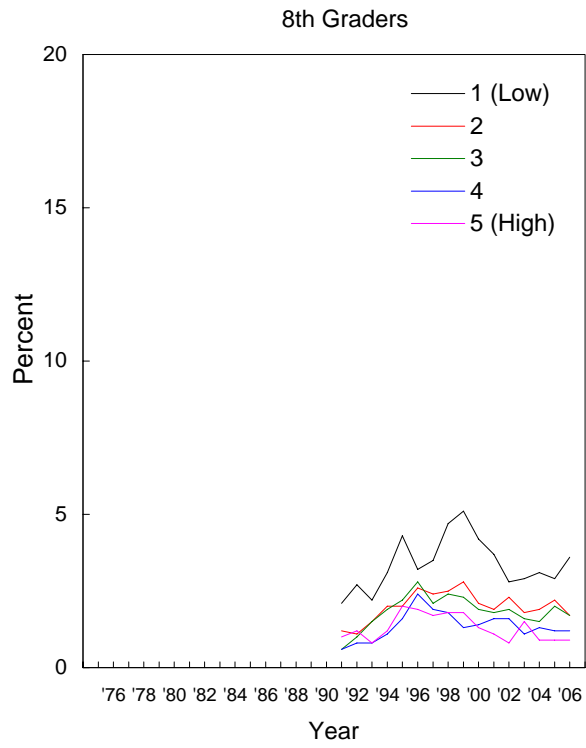
Other Cocaine: Trends in Annual Prevalence by Region



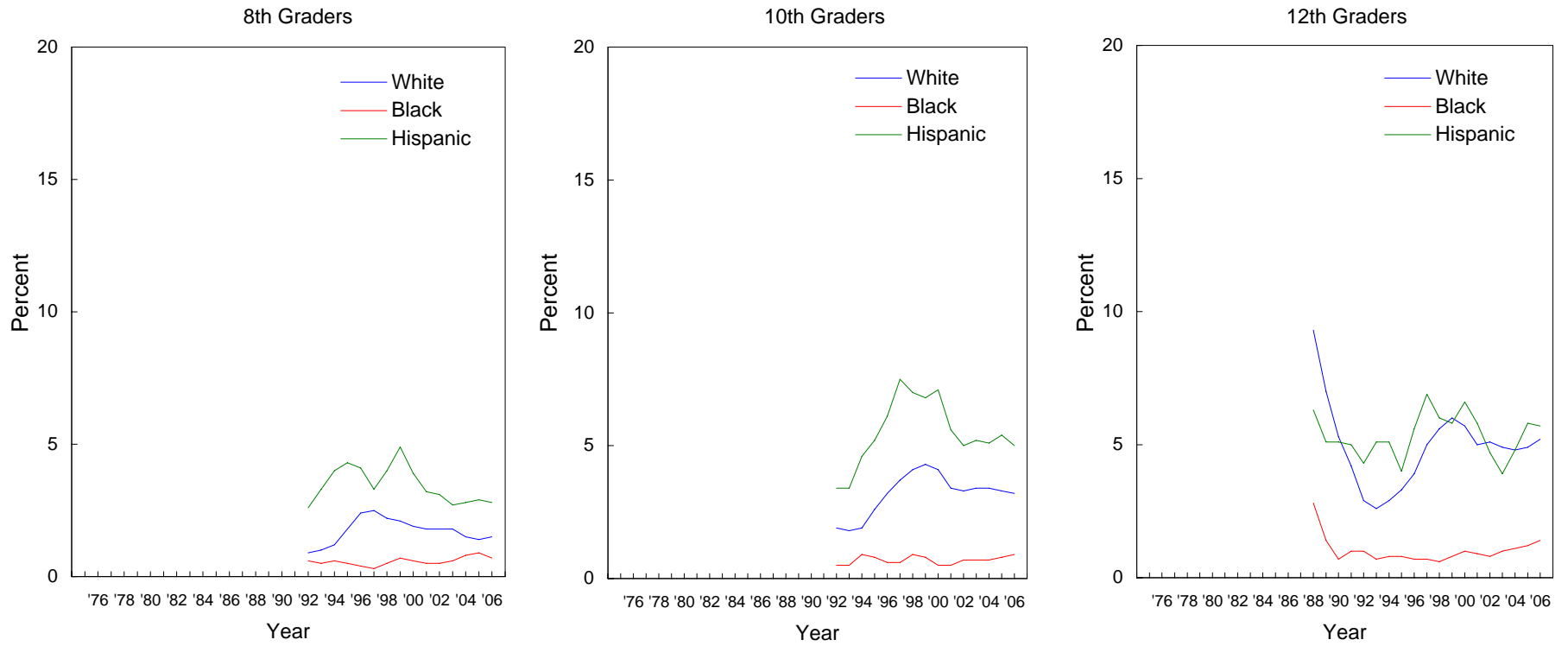
Other Cocaine: Trends in Annual Prevalence by Population Density



Other Cocaine: Trends in Annual Prevalence by Parents' Average Education

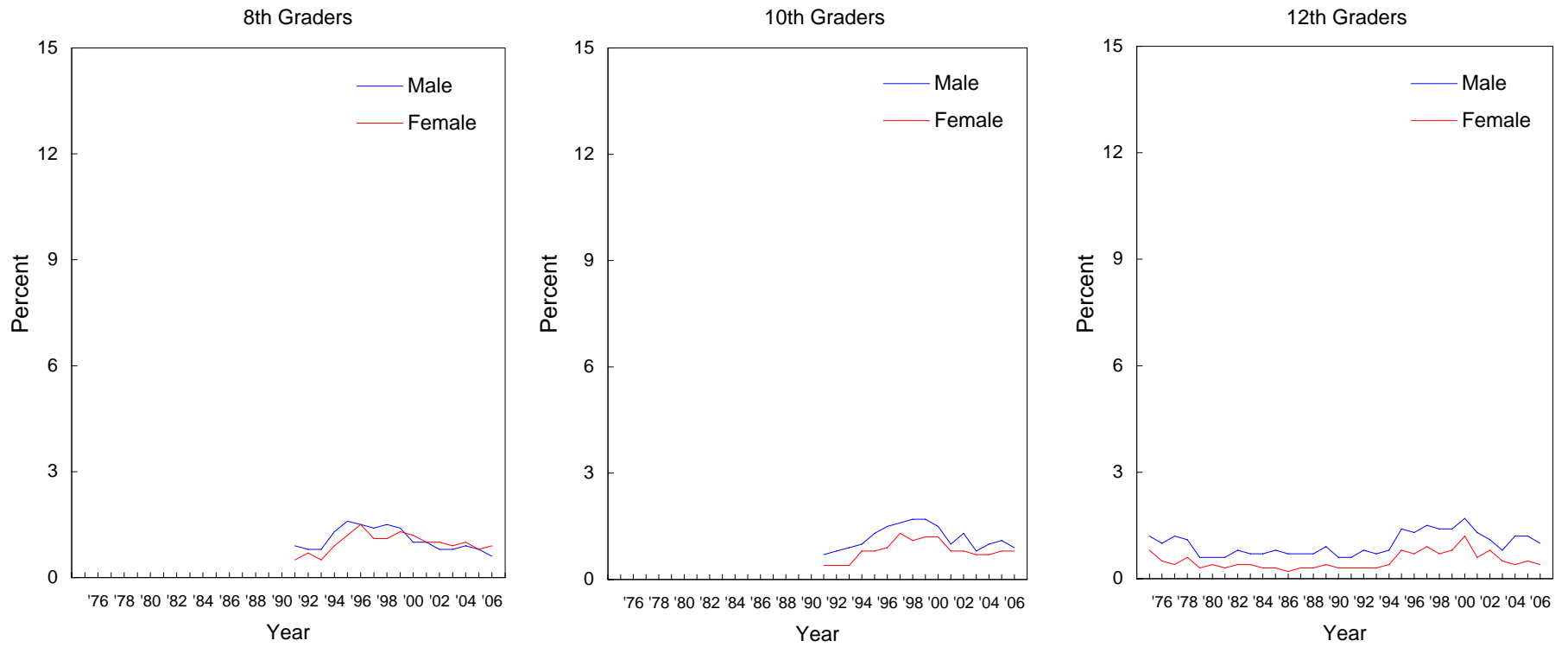


Other Cocaine: Trends in Annual Prevalence by Race/Ethnicity*

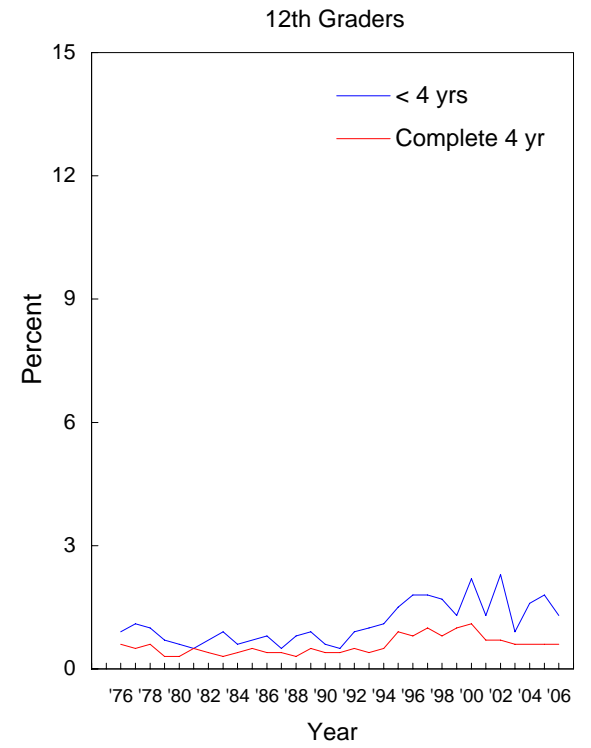
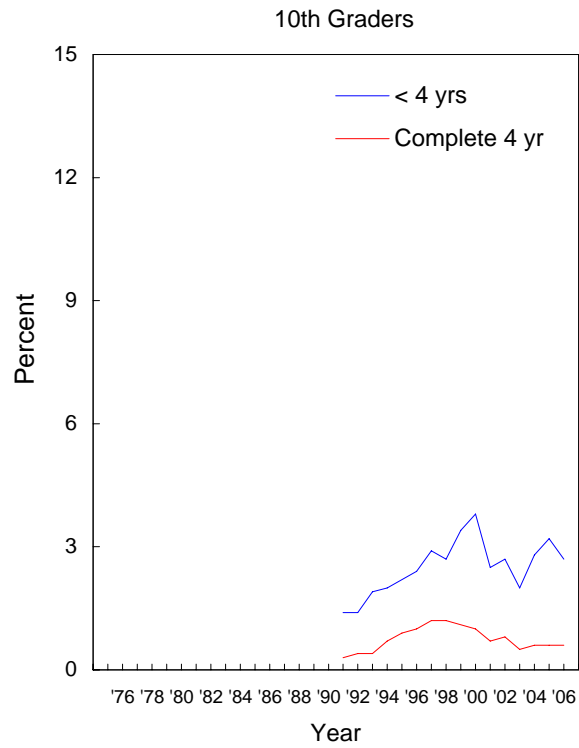
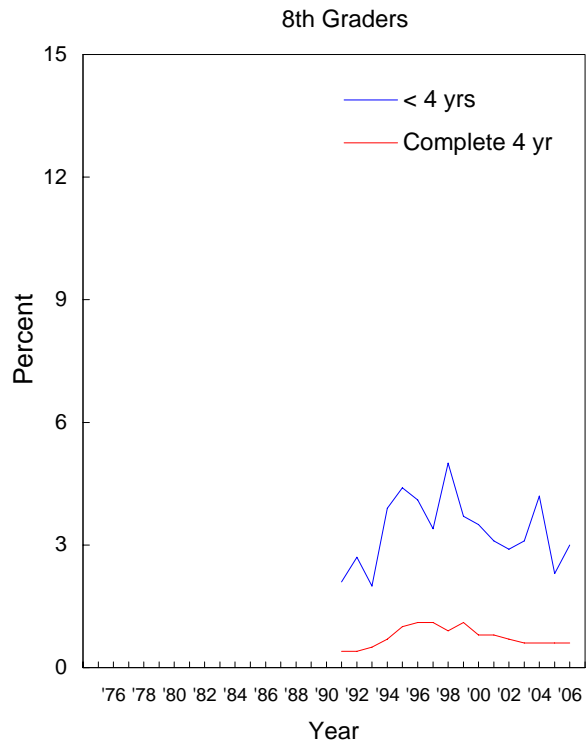


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

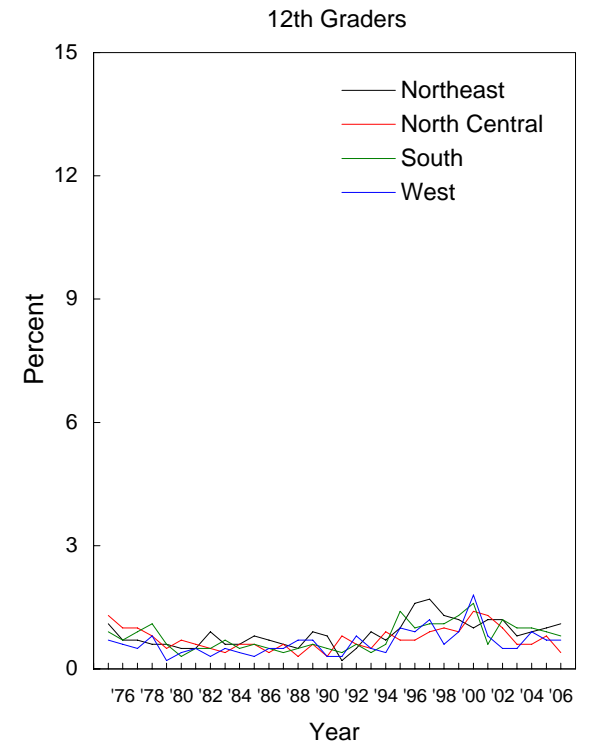
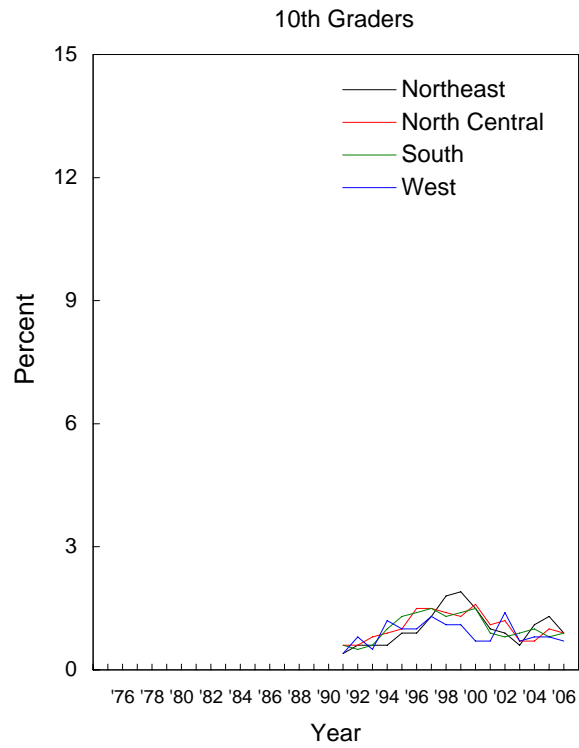
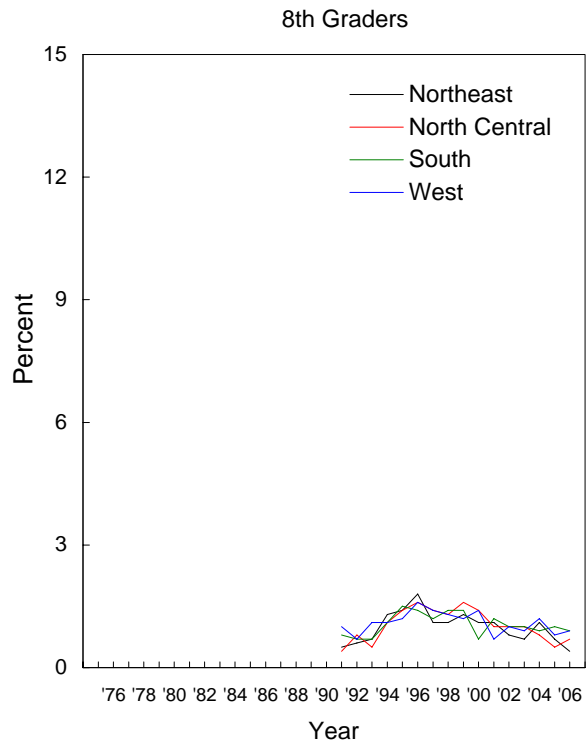
Heroin: Trends in Annual Prevalence by Gender



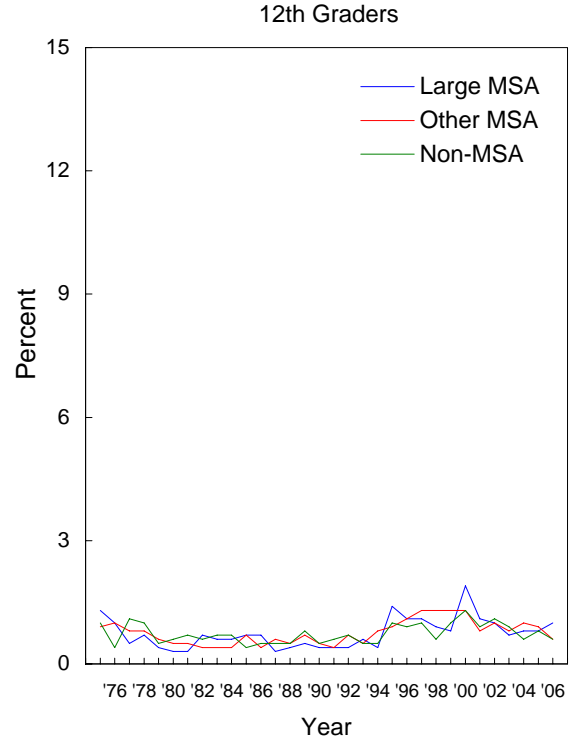
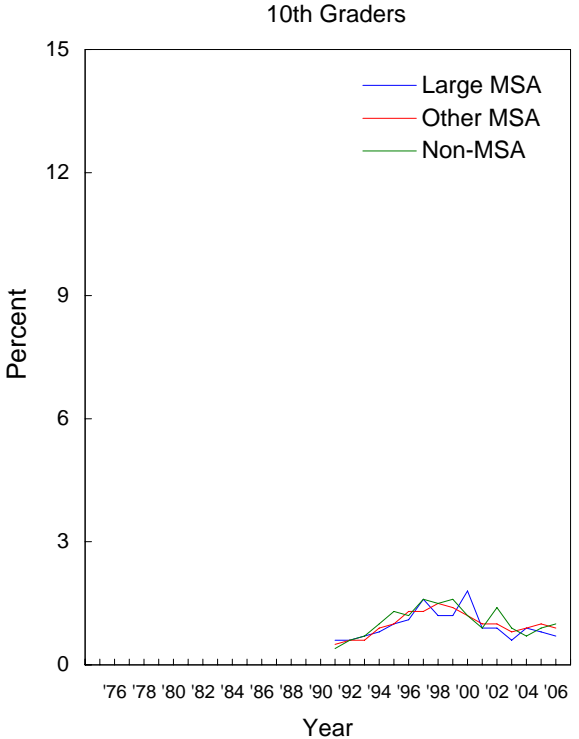
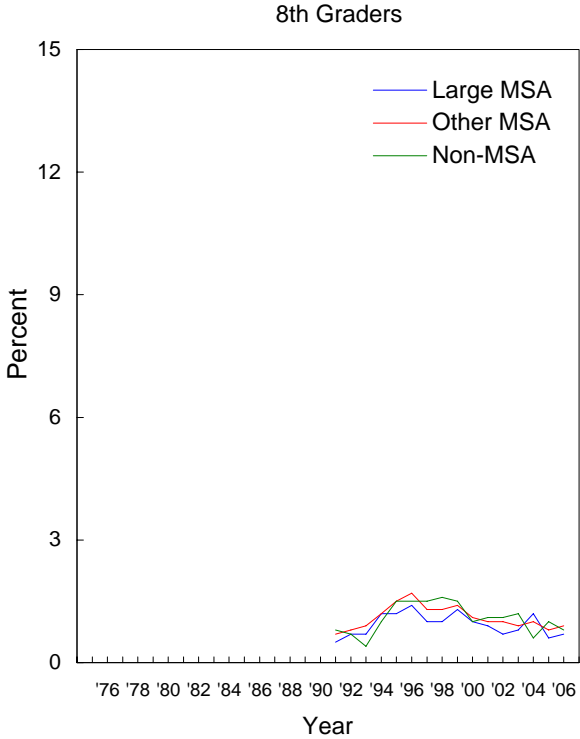
Heroin: Trends in Annual Prevalence by College Plans



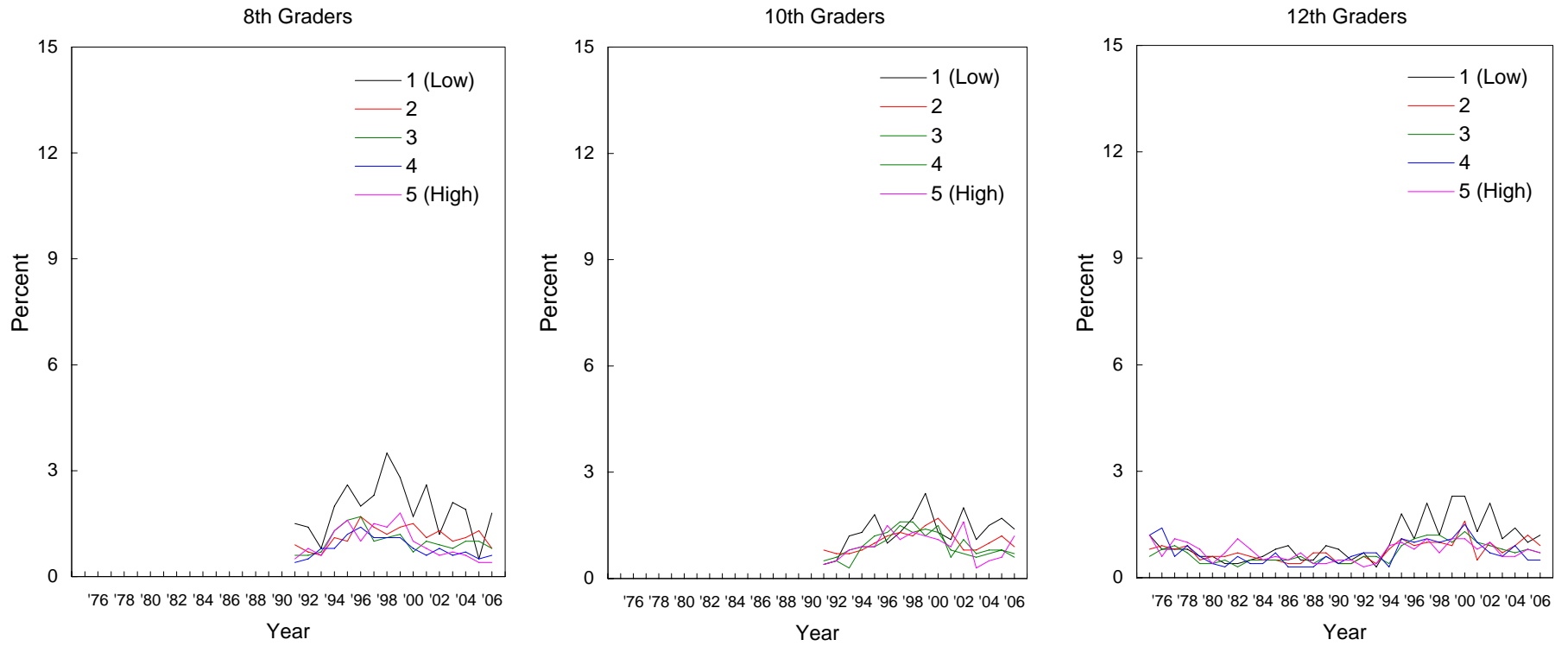
Heroin: Trends in Annual Prevalence by Region



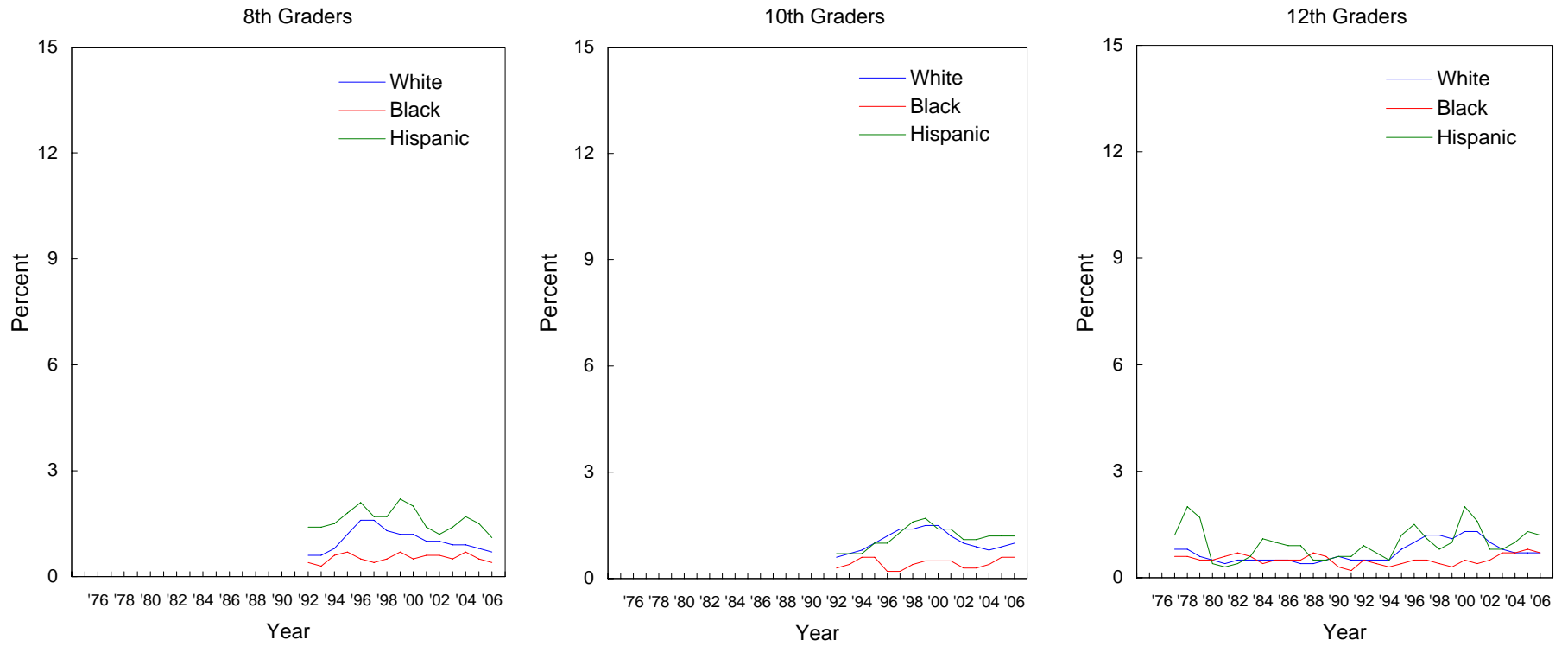
Heroin: Trends in Annual Prevalence by Population Density



Heroin: Trends in Annual Prevalence by Parents' Average Education

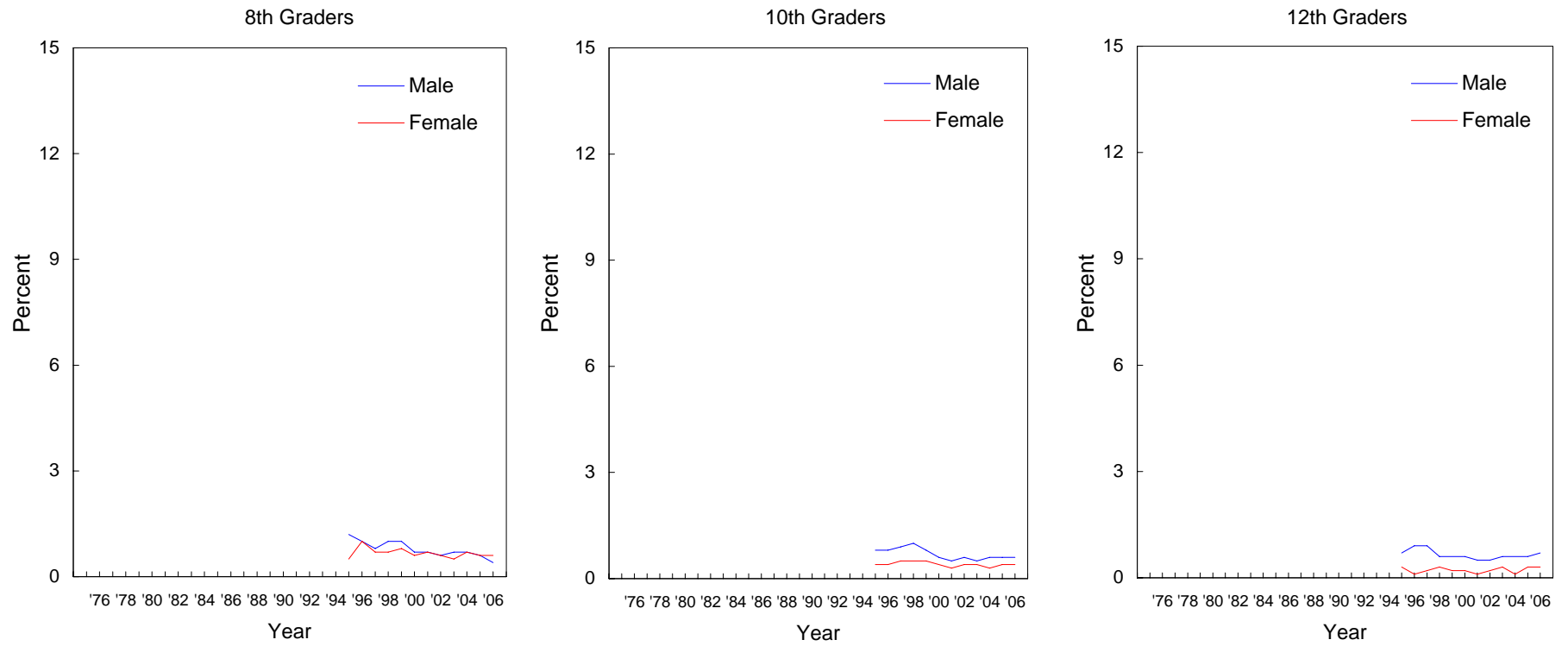


Heroin: Trends in Annual Prevalence by Race/Ethnicity*

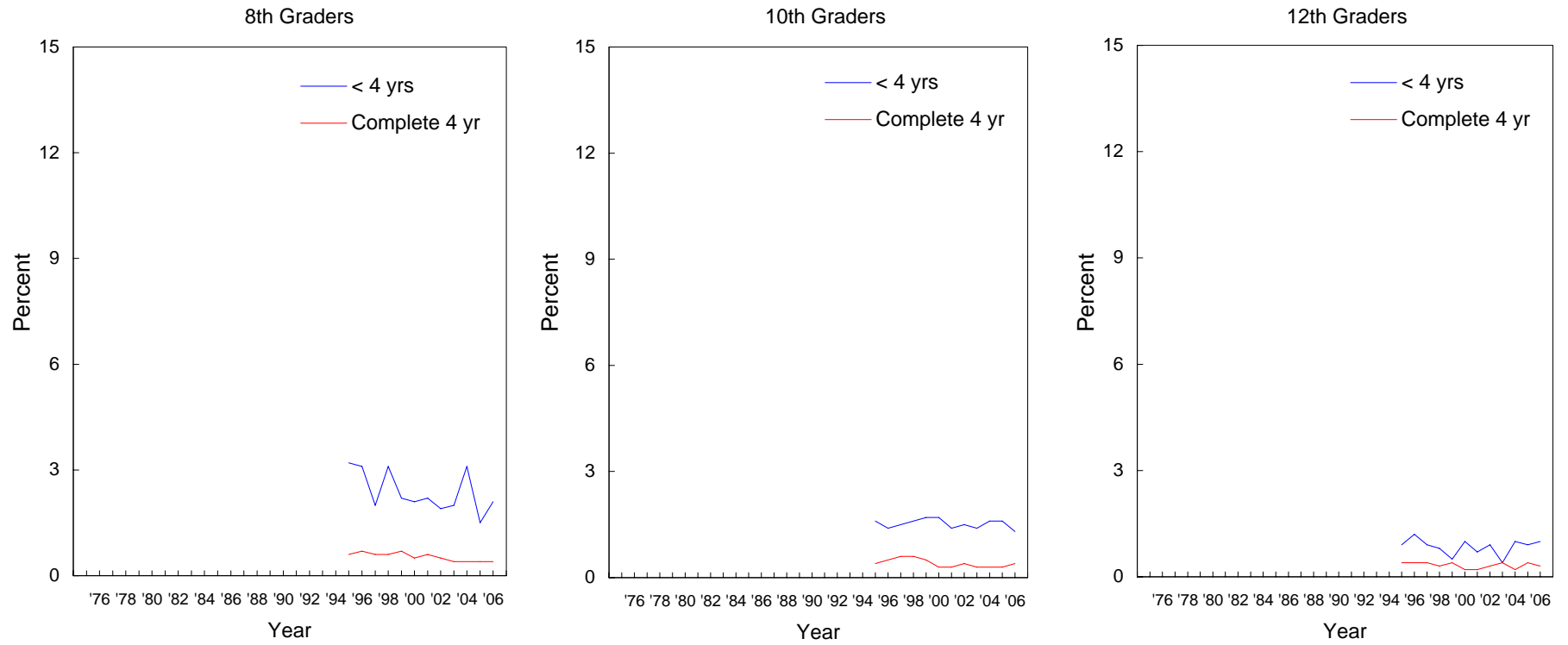


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

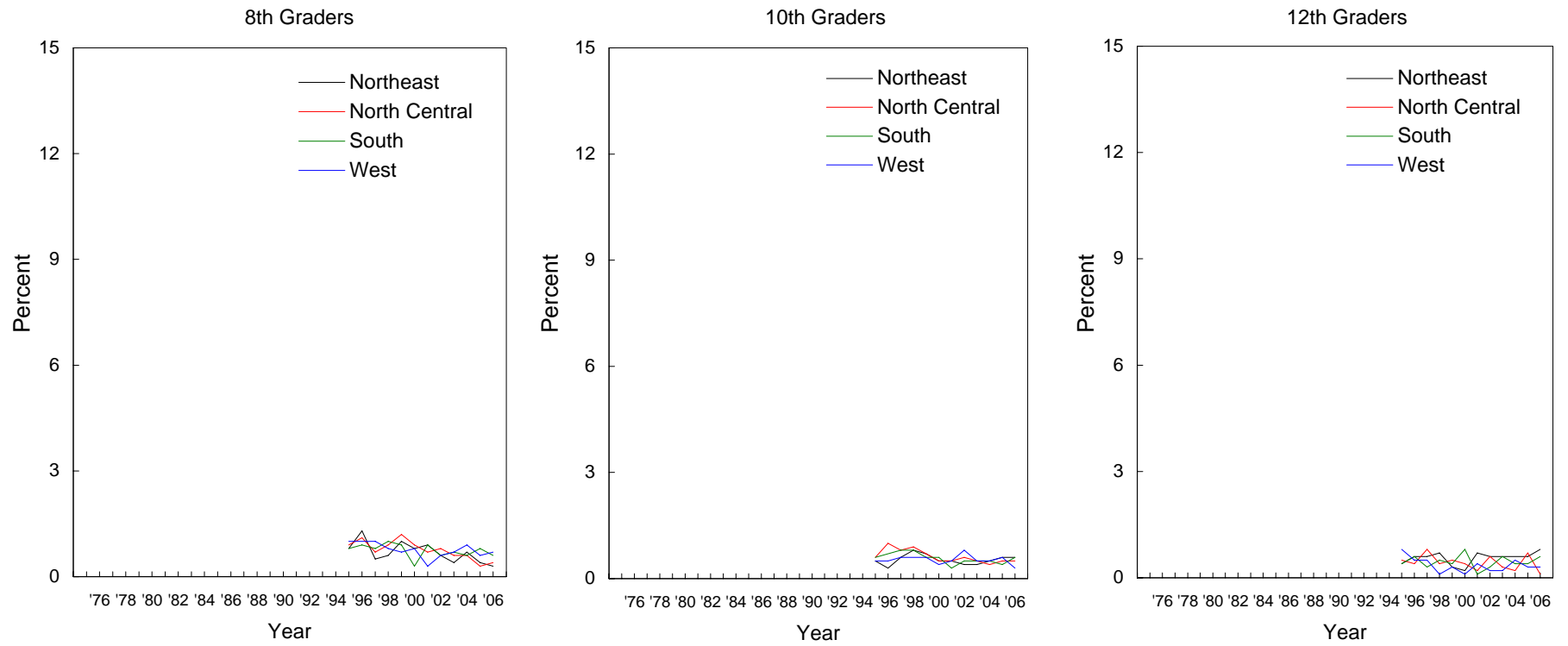
Heroin With a Needle: Trends in Annual Prevalence by Gender



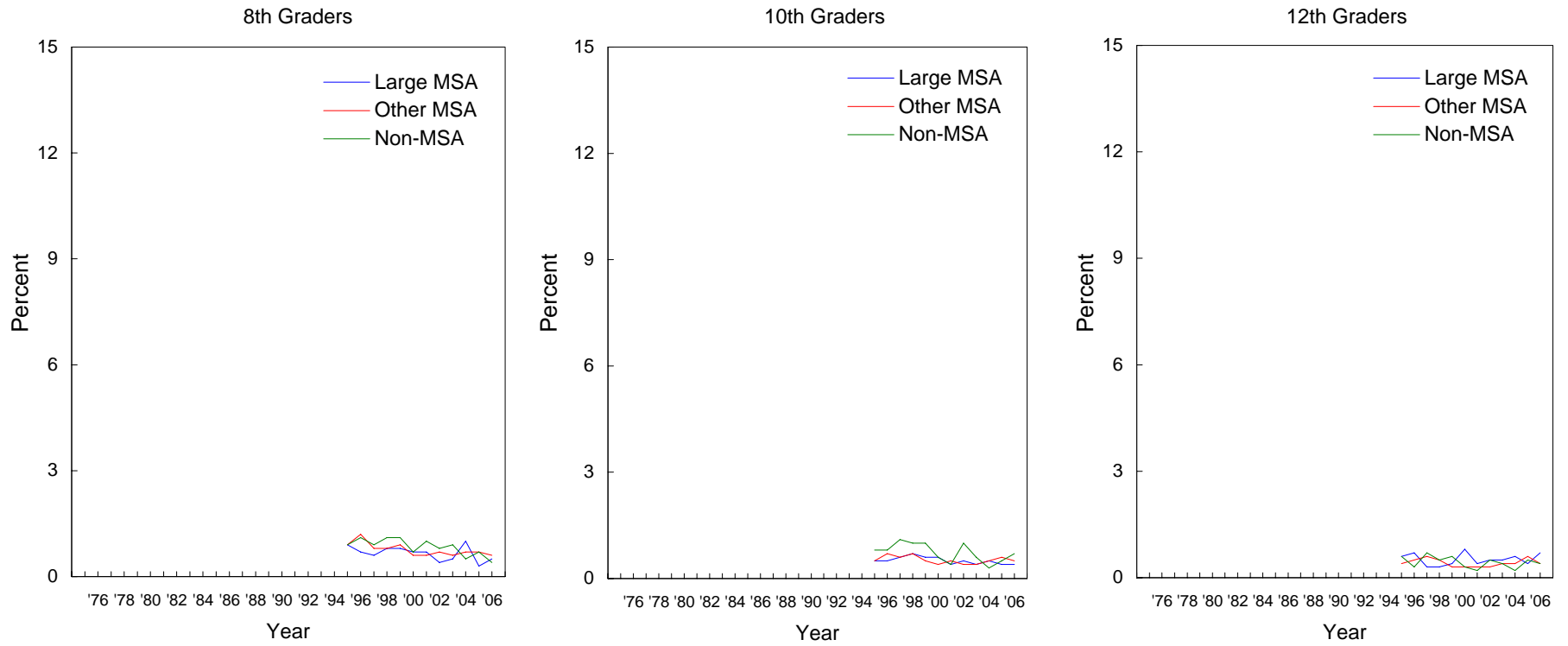
Heroin With a Needle: Trends in Annual Prevalence by College Plans



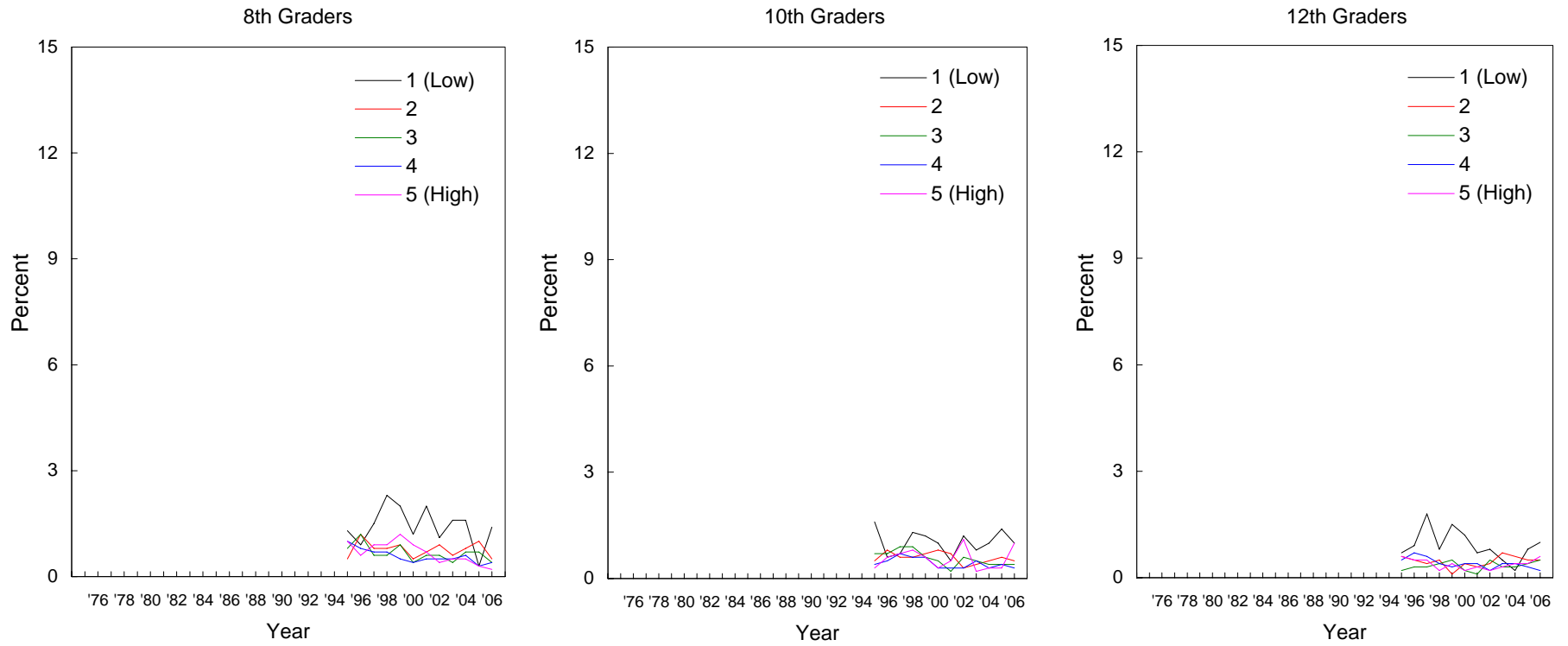
Heroin With a Needle: Trends in Annual Prevalence by Region



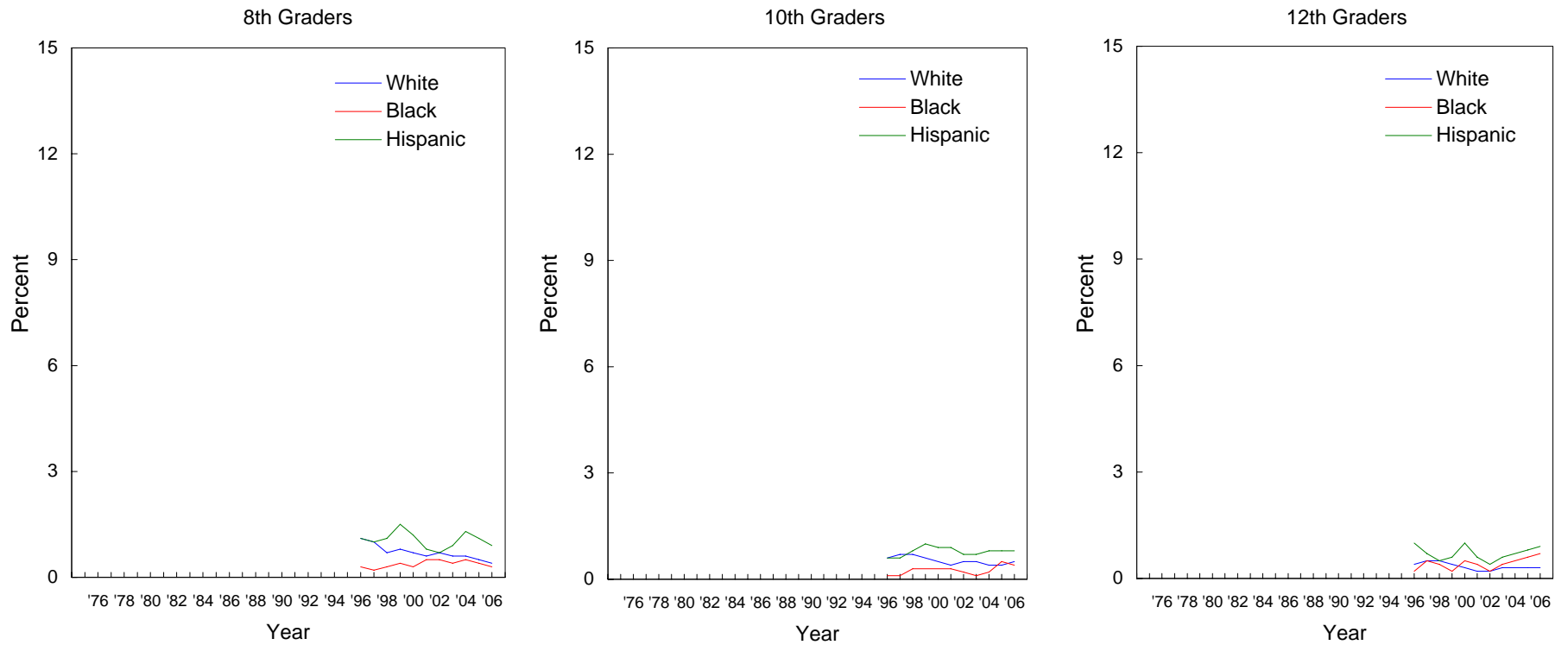
Heroin With a Needle: Trends in Annual Prevalence by Population Density



Heroin With a Needle: Trends in Annual Prevalence by Parents' Average Education

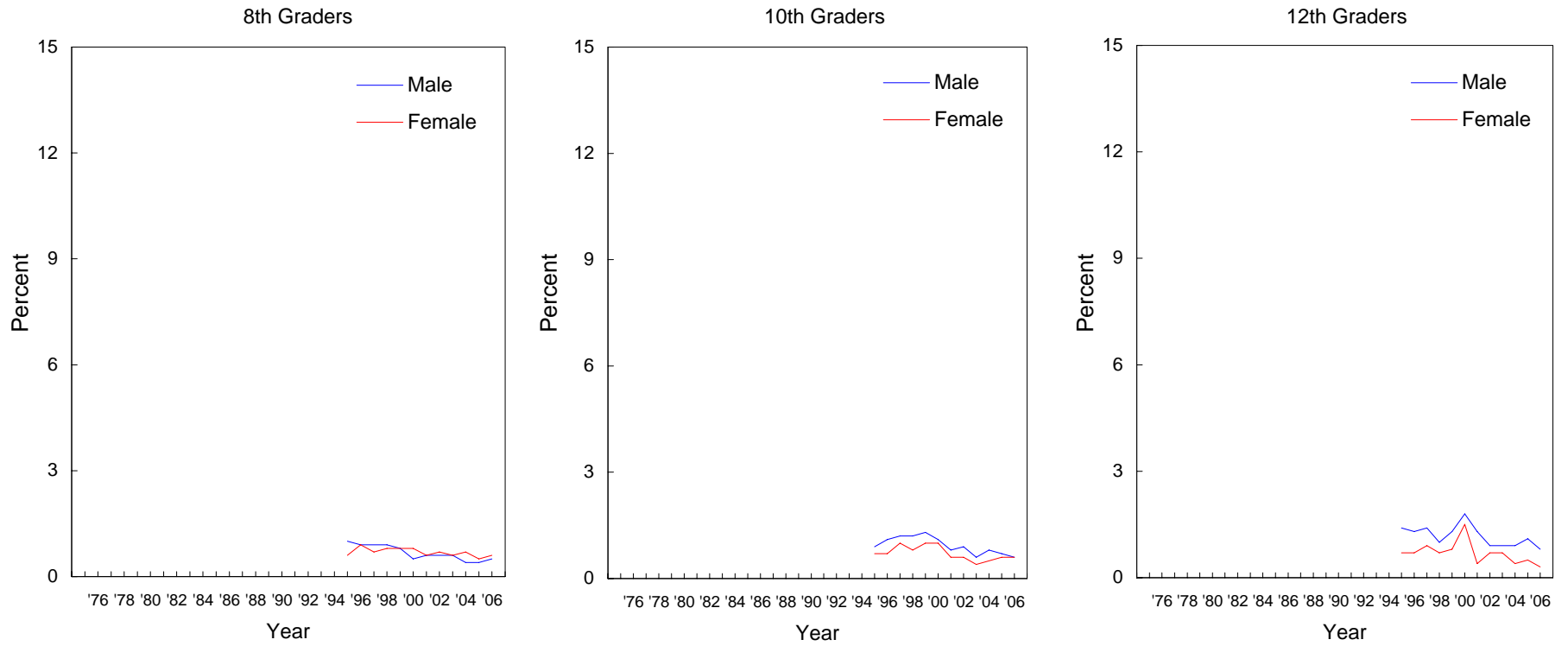


Heroin With a Needle: Trends in Annual Prevalence by Race/Ethnicity*

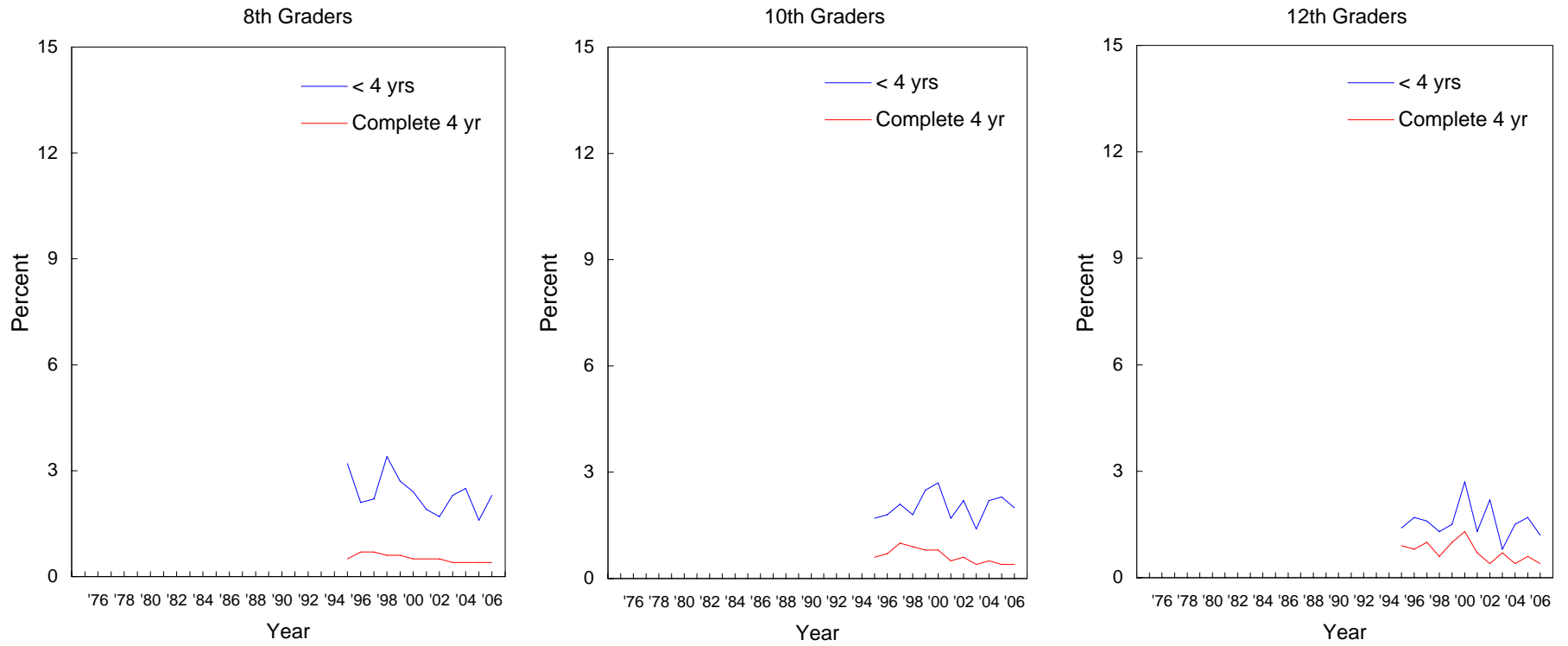


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

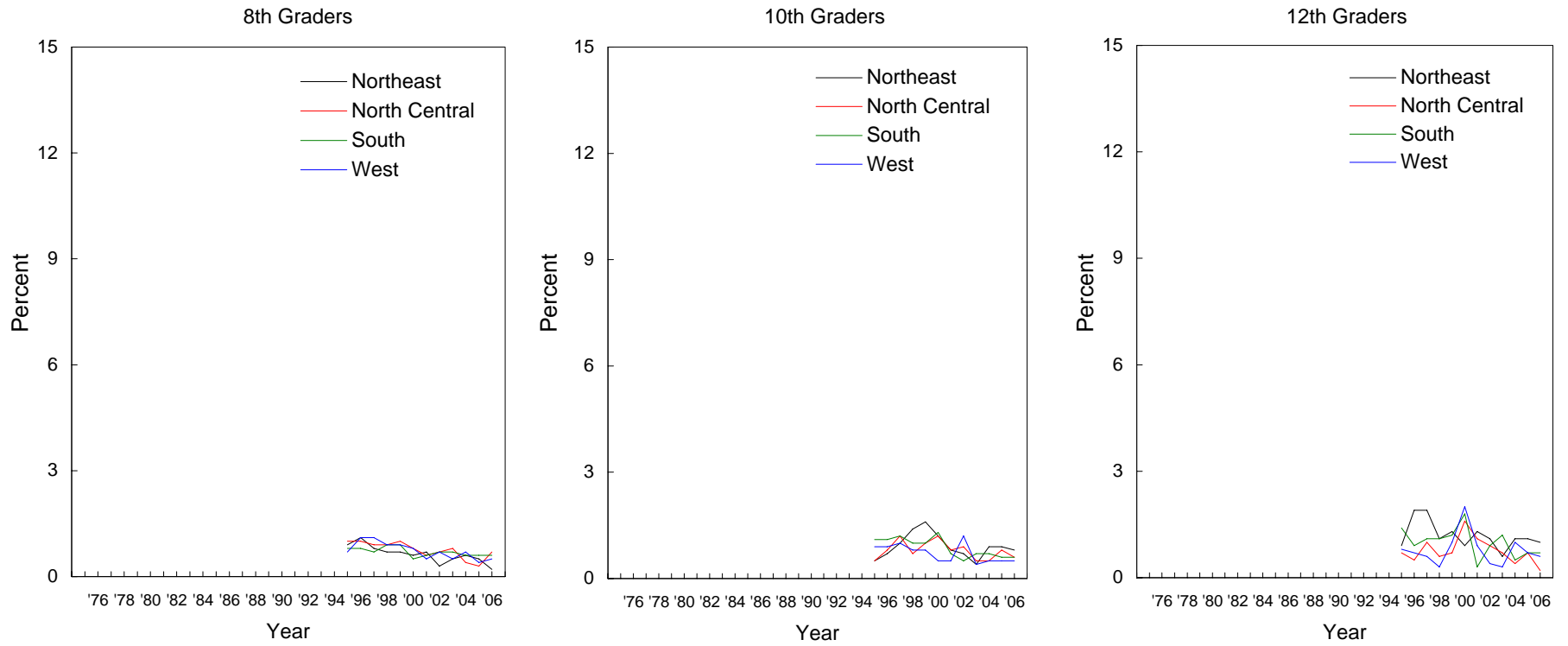
Heroin Without a Needle: Trends in Annual Prevalence by Gender



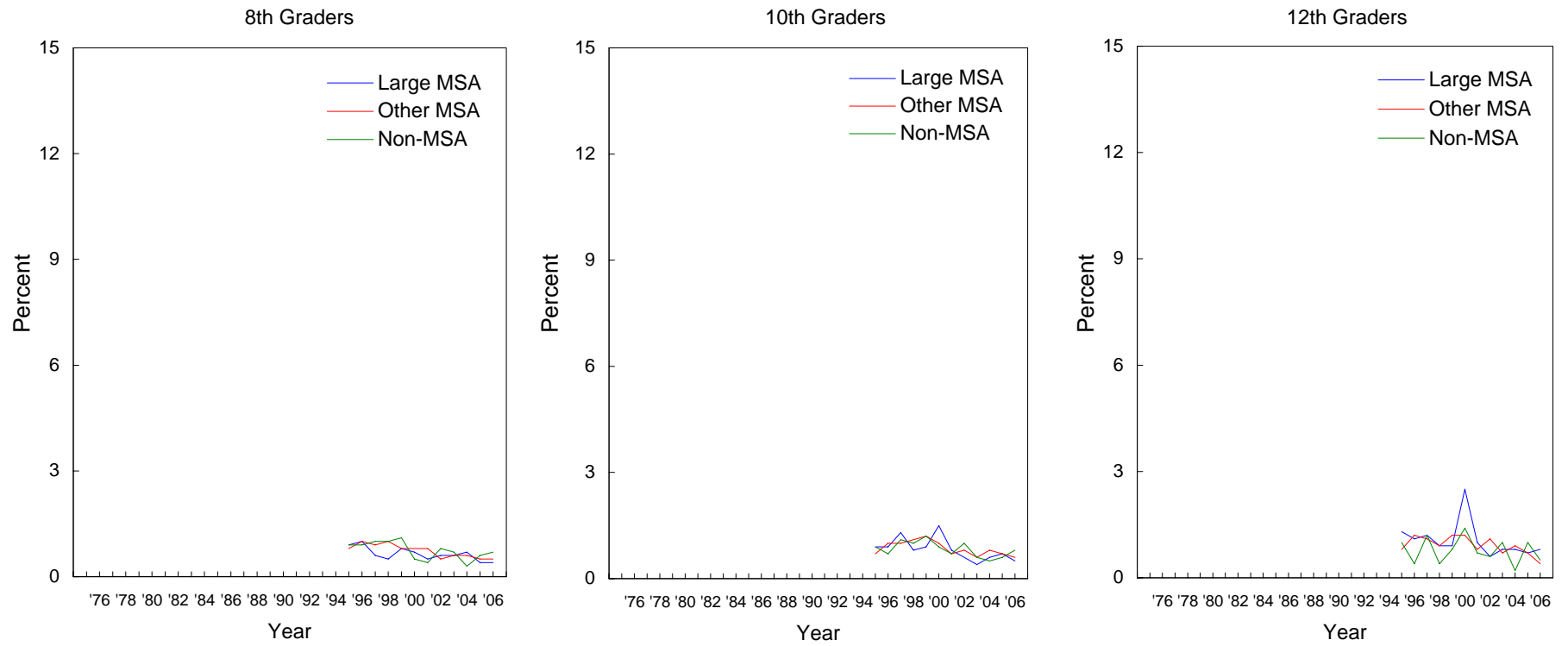
Heroin Without a Needle: Trends in Annual Prevalence by College Plans



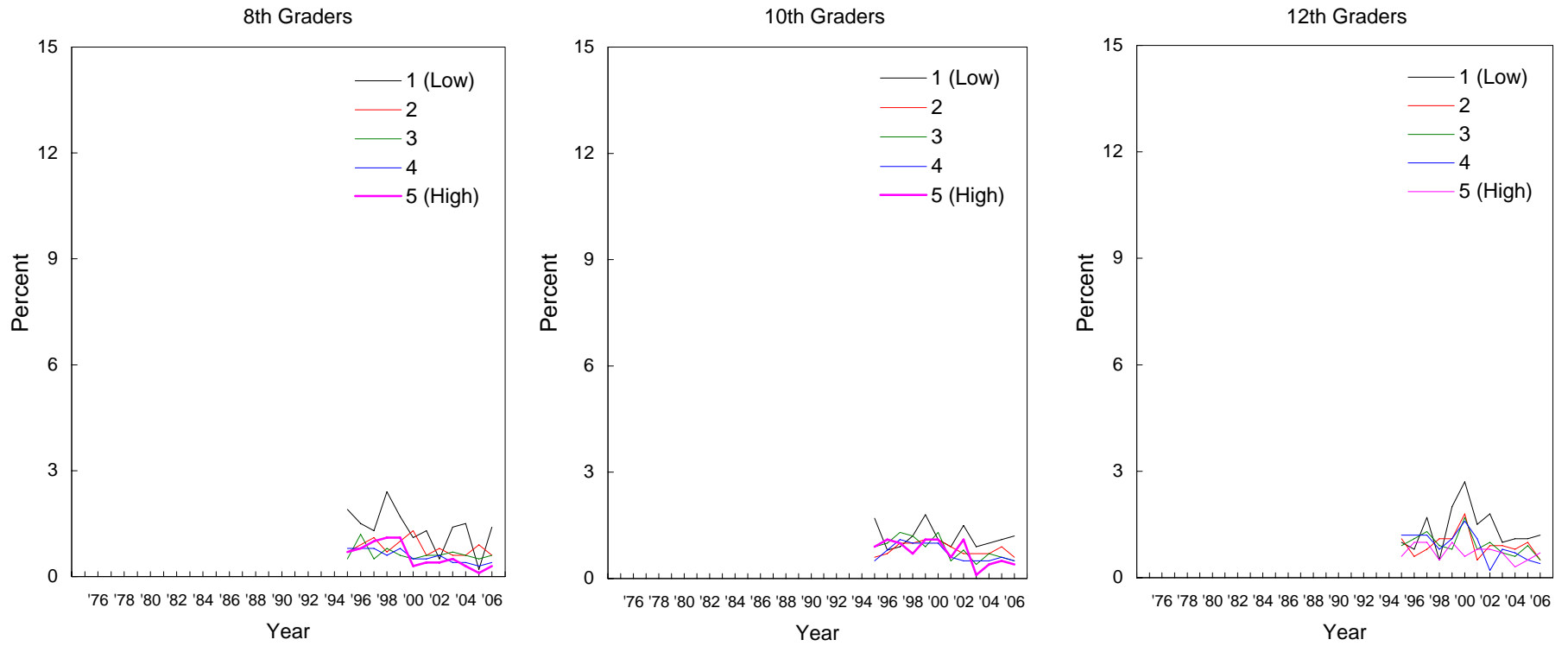
Heroin Without a Needle: Trends in Annual Prevalence by Region



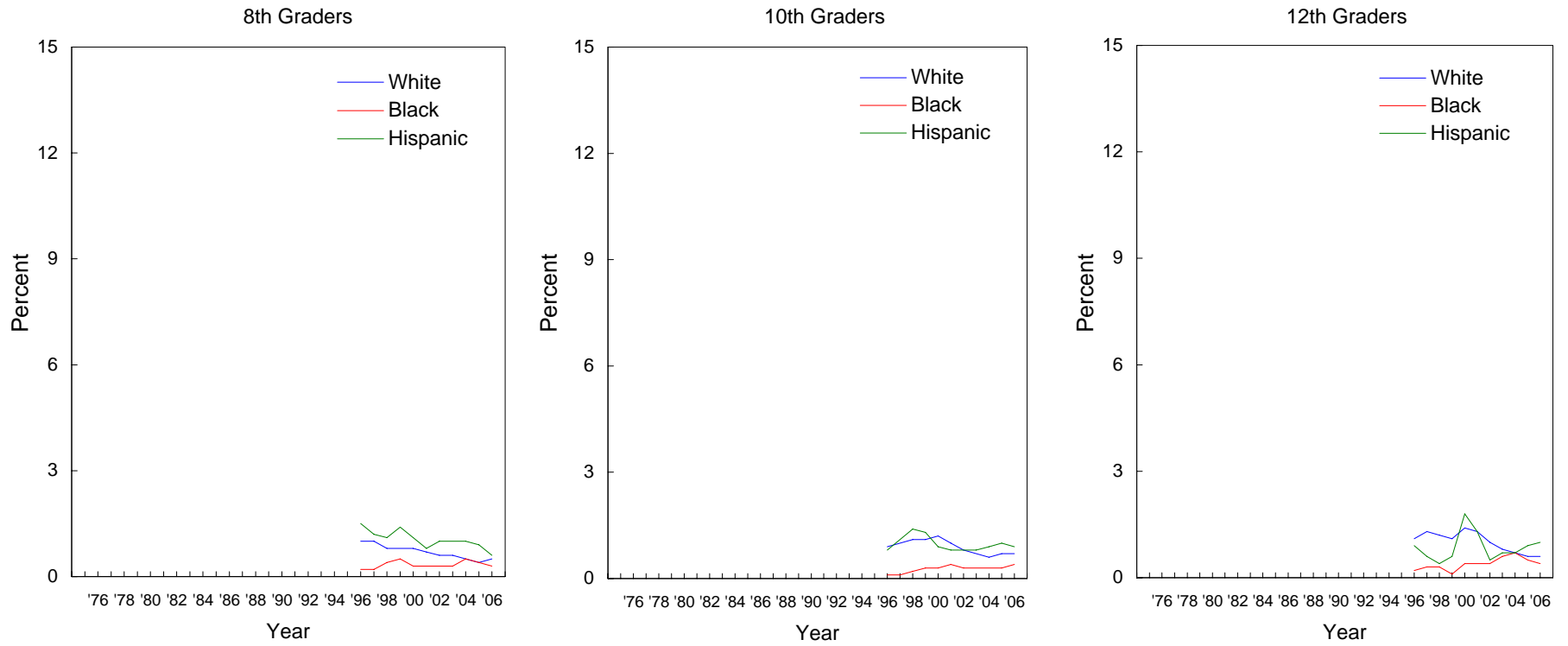
Heroin Without a Needle: Trends in Annual Prevalence by Population Density



Heroin Without a Needle: Trends in Annual Prevalence by Parents' Average Education

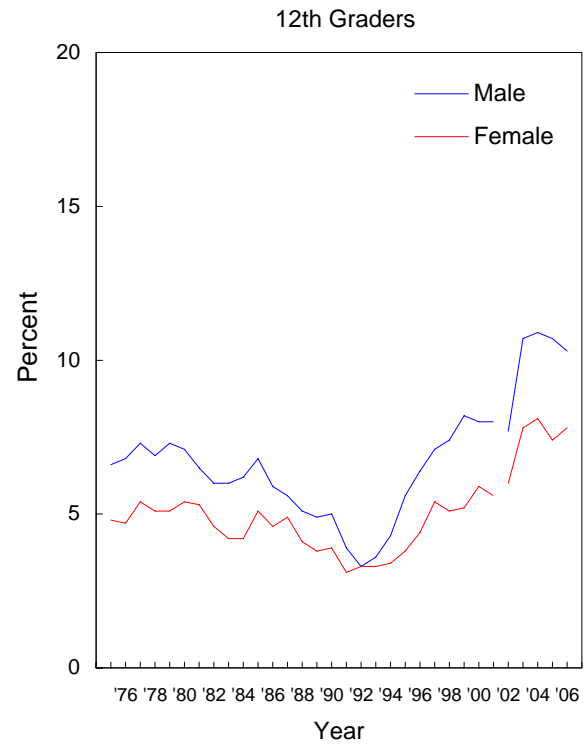


Heroin Without a Needle: Trends in Annual Prevalence by Race/Ethnicity*



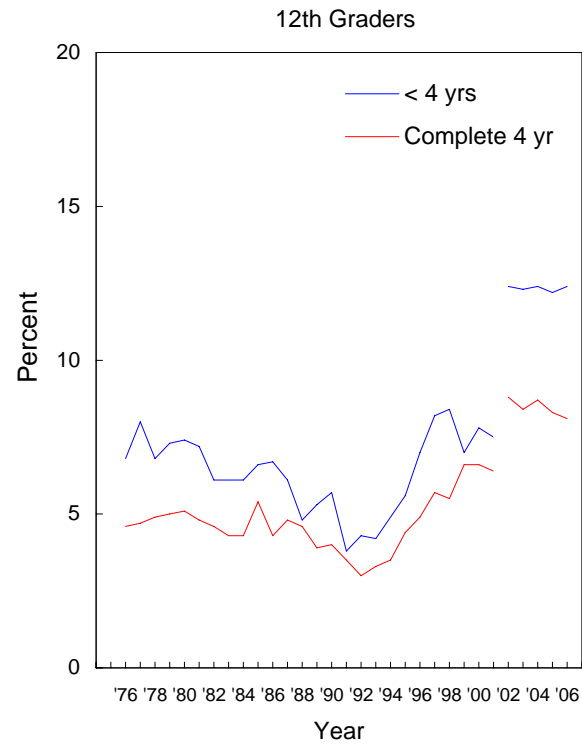
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Other Narcotics:* Trends in Annual Prevalence by Gender



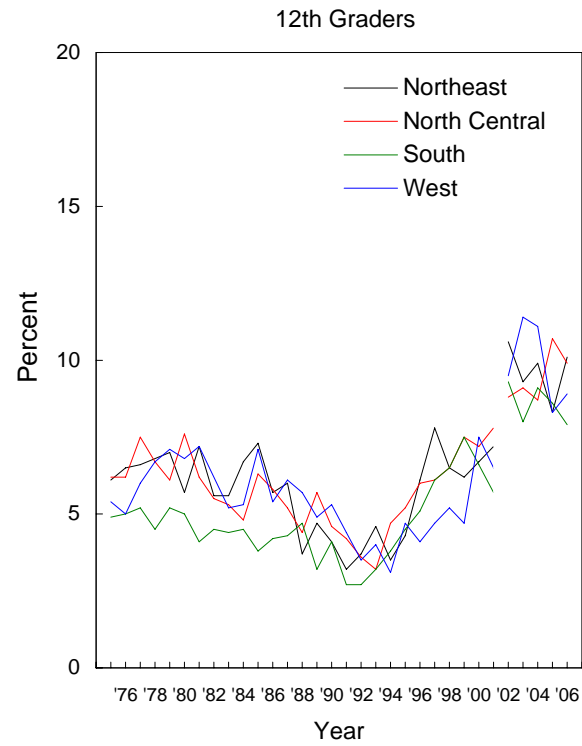
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

Other Narcotics:* Trends in Annual Prevalence by College Plans



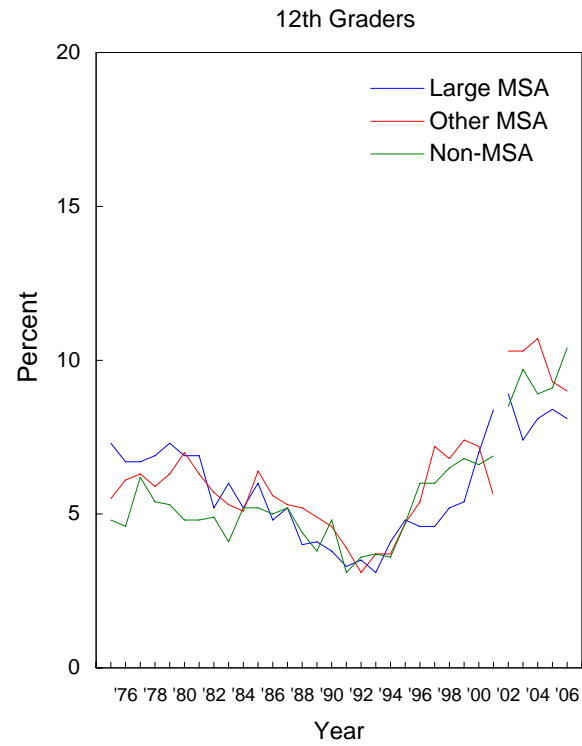
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

Other Narcotics:* Trends in Annual Prevalence by Region



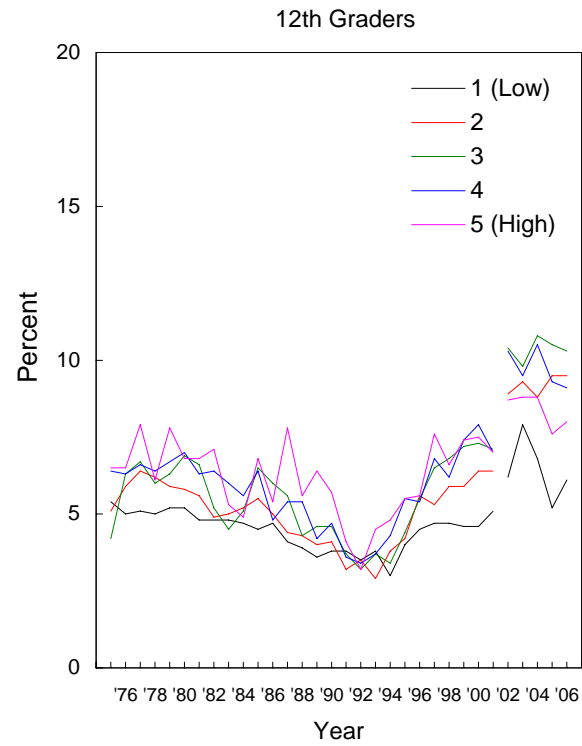
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

Other Narcotics:* Trends in Annual Prevalence by Population Density



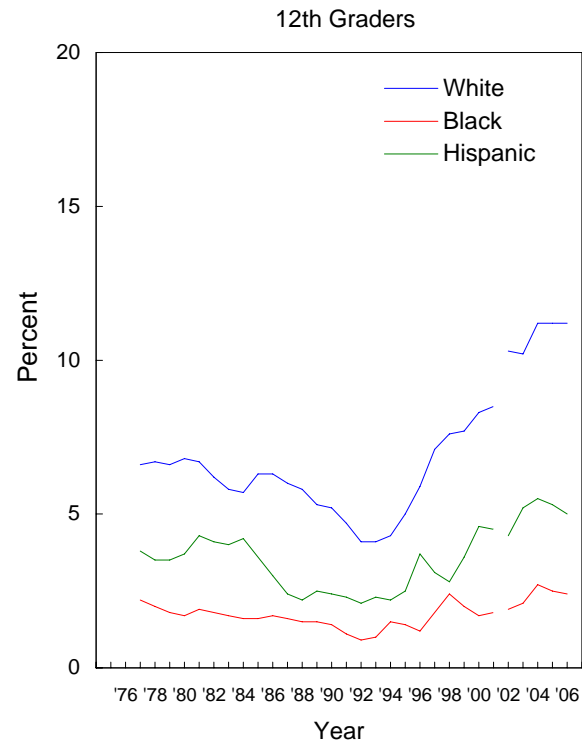
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

Other Narcotics:* Trends in Annual Prevalence by Parents' Average Education



*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

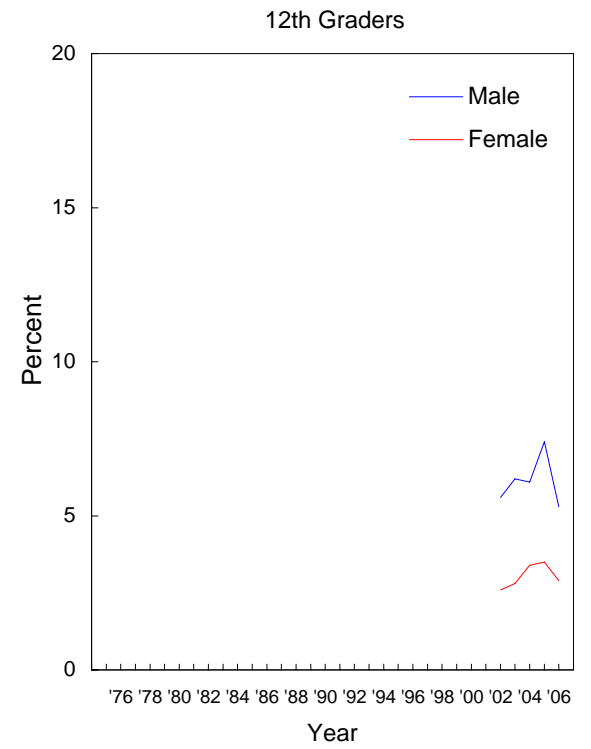
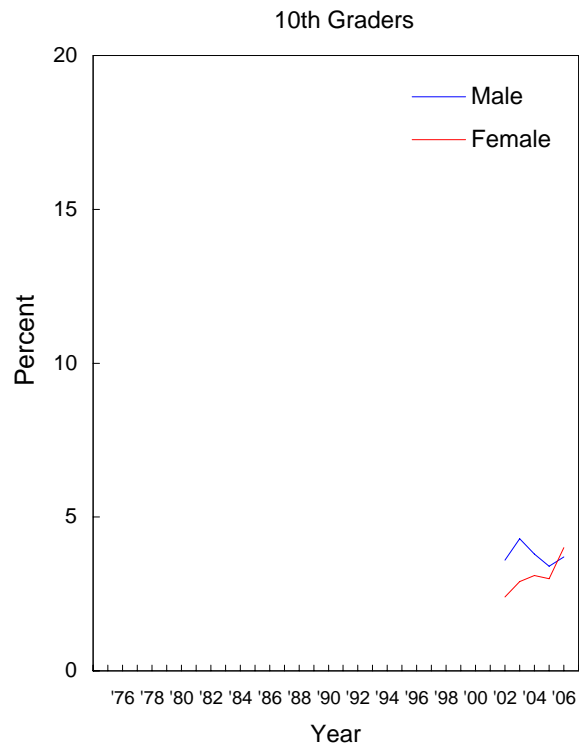
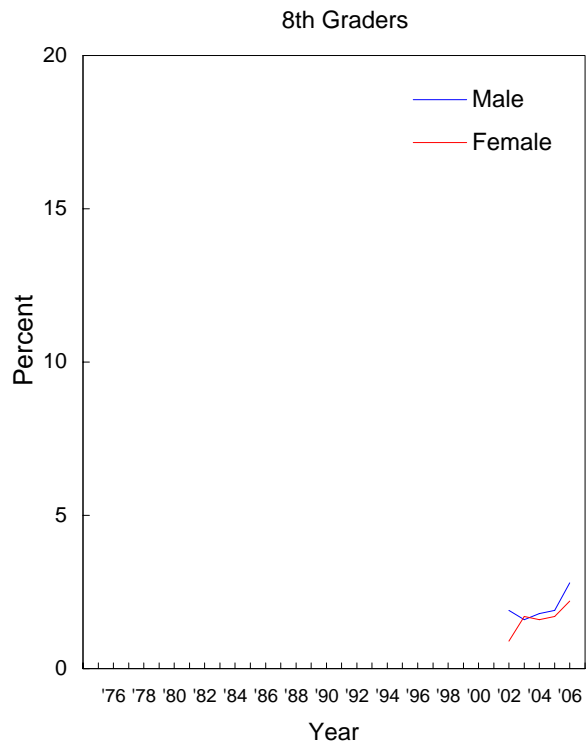
Other Narcotics:* Trends in Annual Prevalence by Race/Ethnicity**



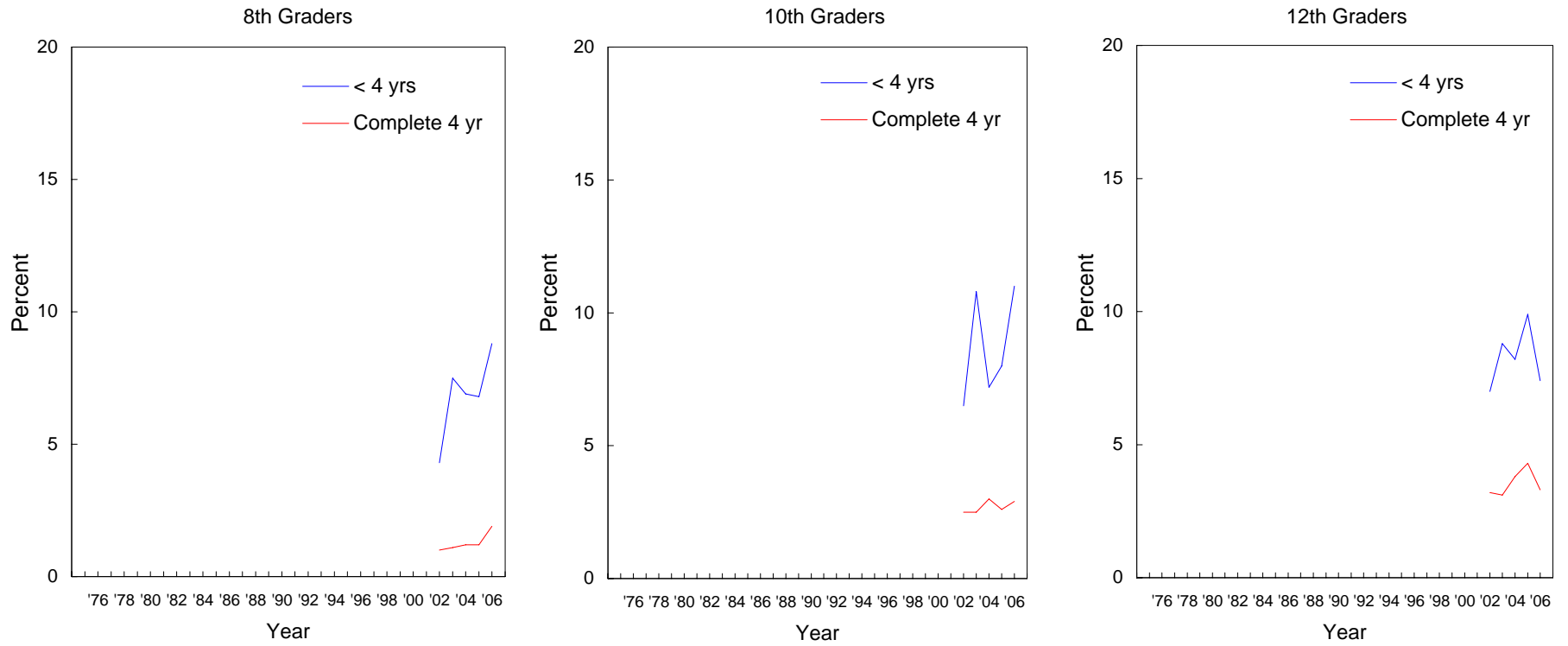
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

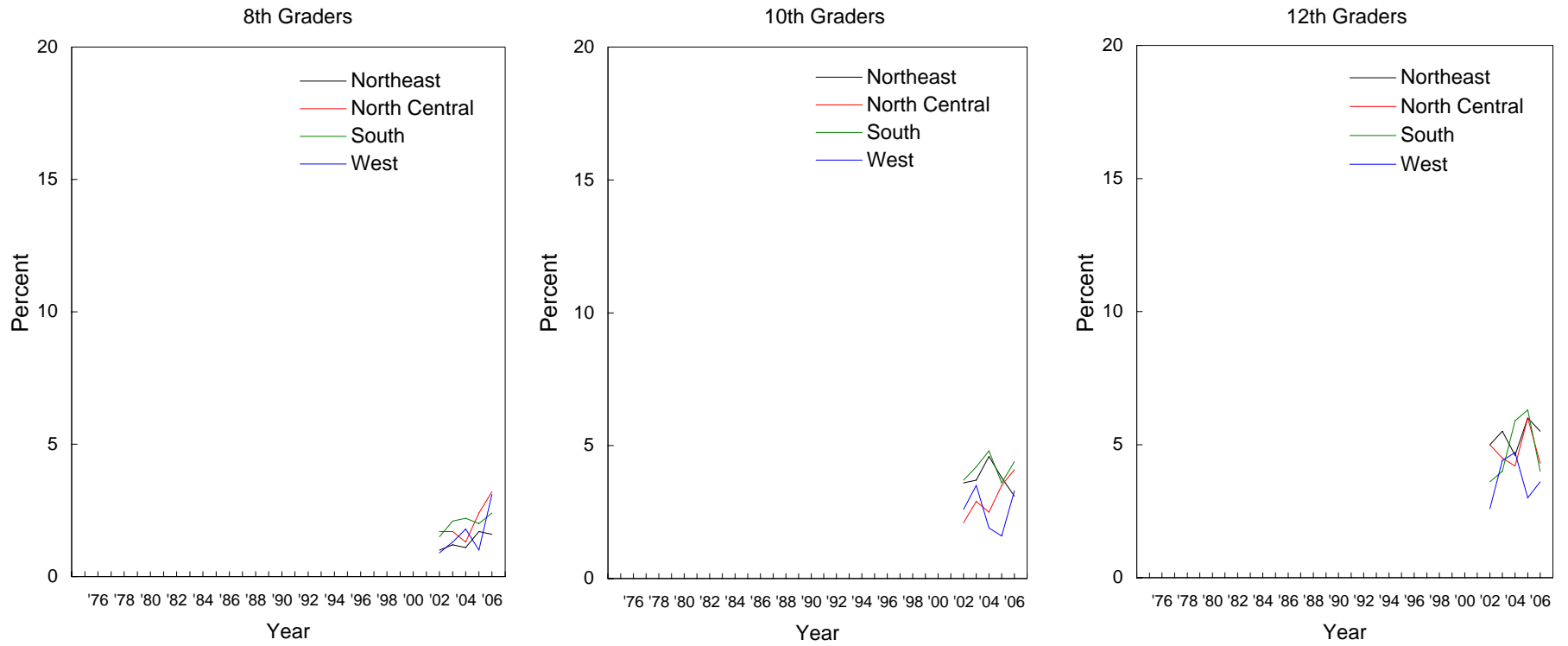
OxyContin: Trends in Annual Prevalence by Gender



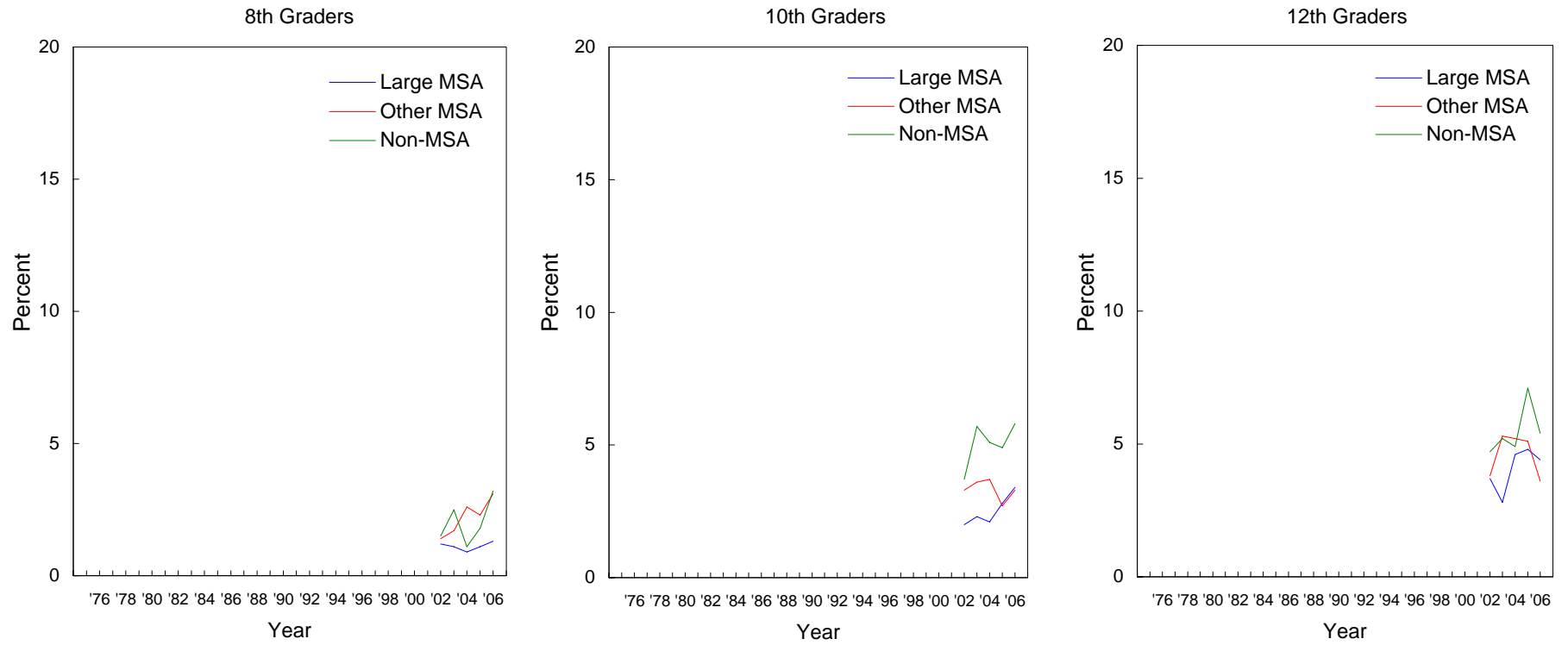
OxyContin: Trends in Annual Prevalence by College Plans



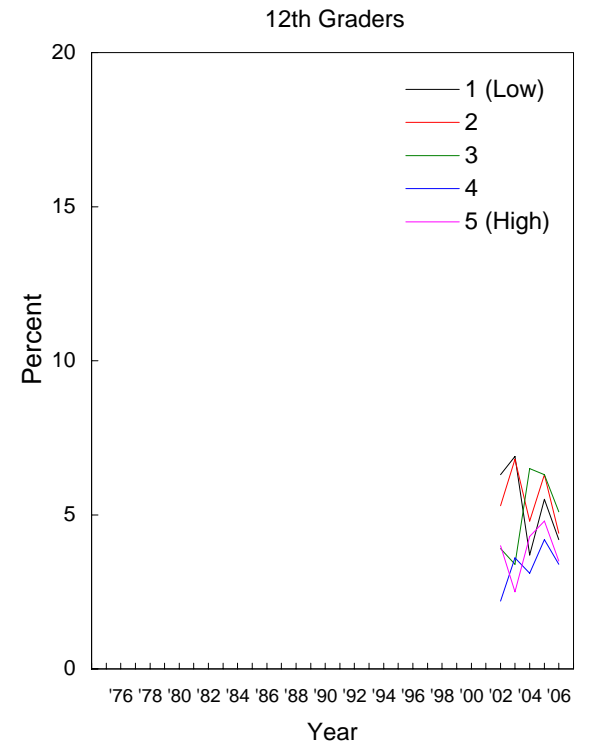
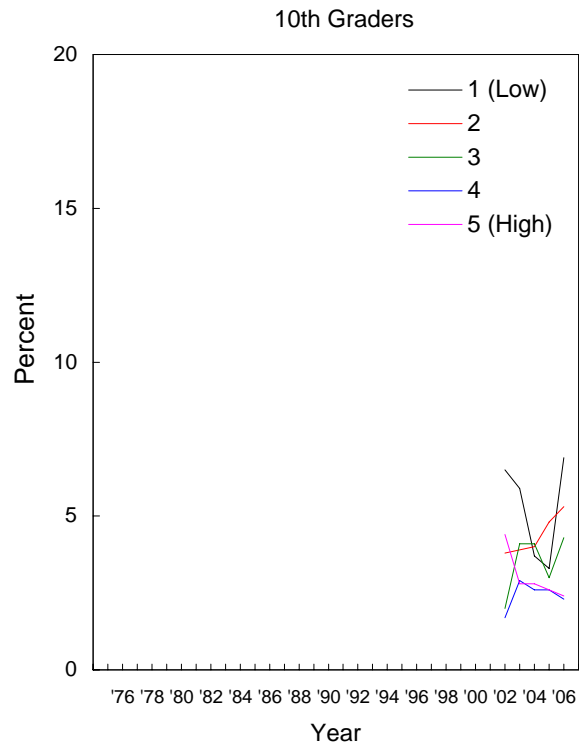
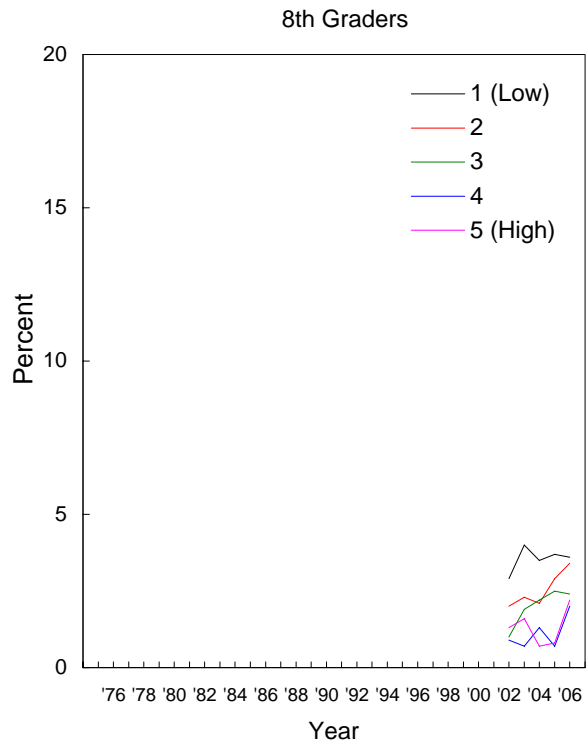
OxyContin: Trends in Annual Prevalence by Region



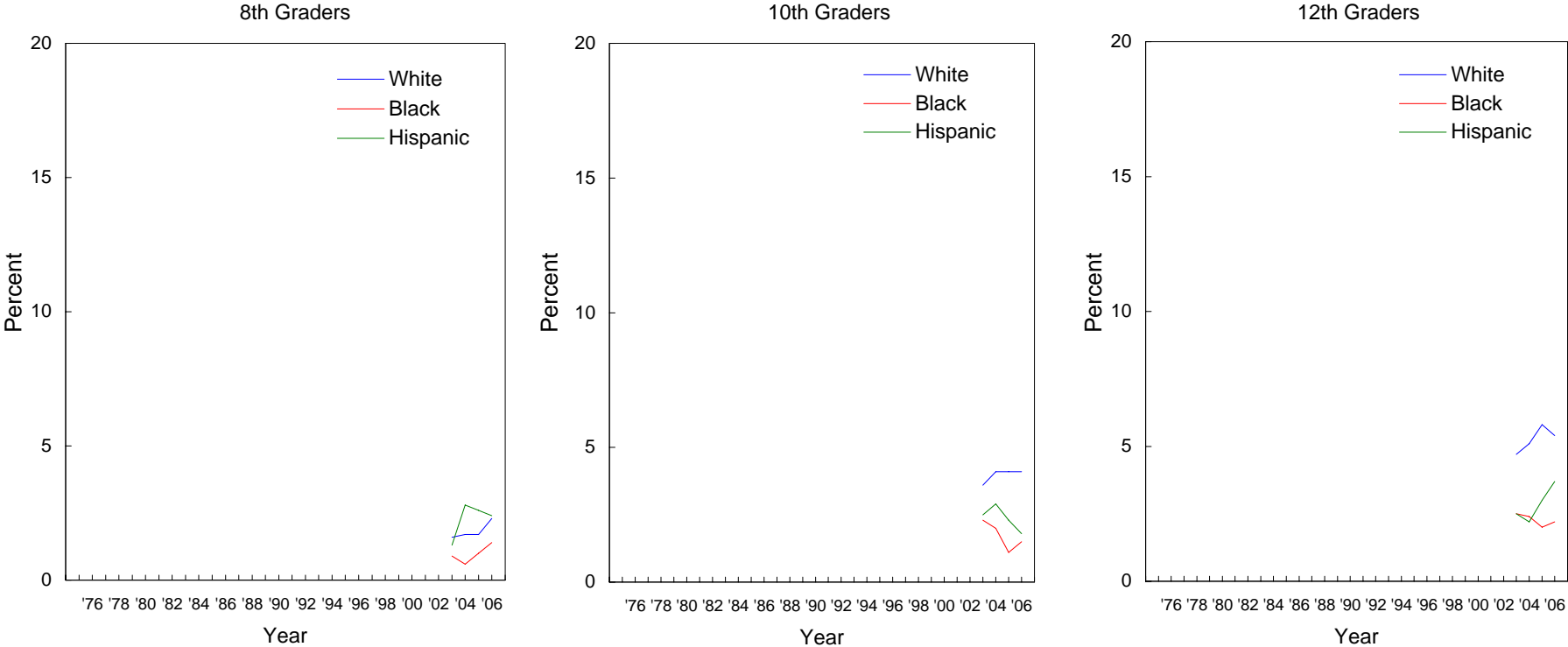
OxyContin: Trends in Annual Prevalence by Population Density



OxyContin: Trends in Annual Prevalence by Parents' Average Education

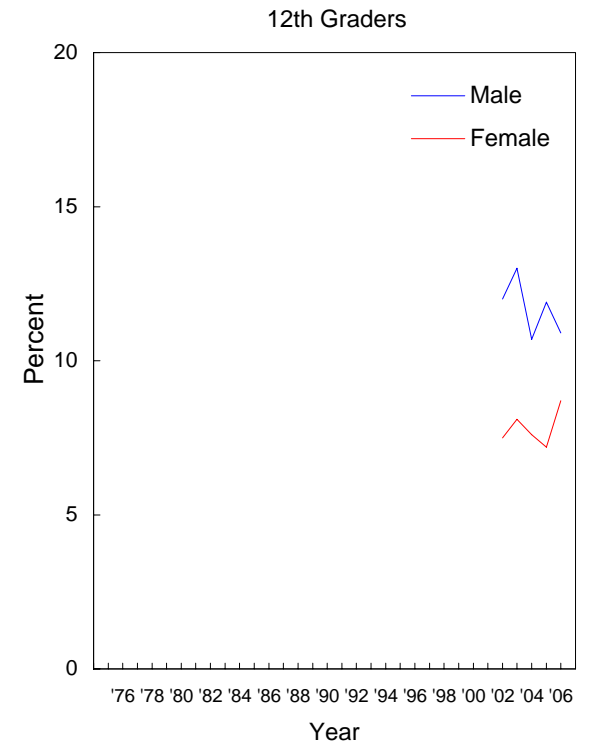
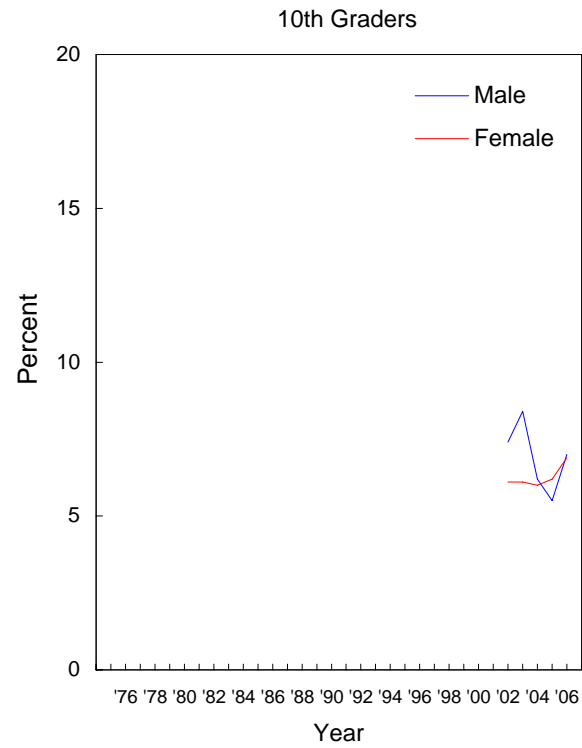
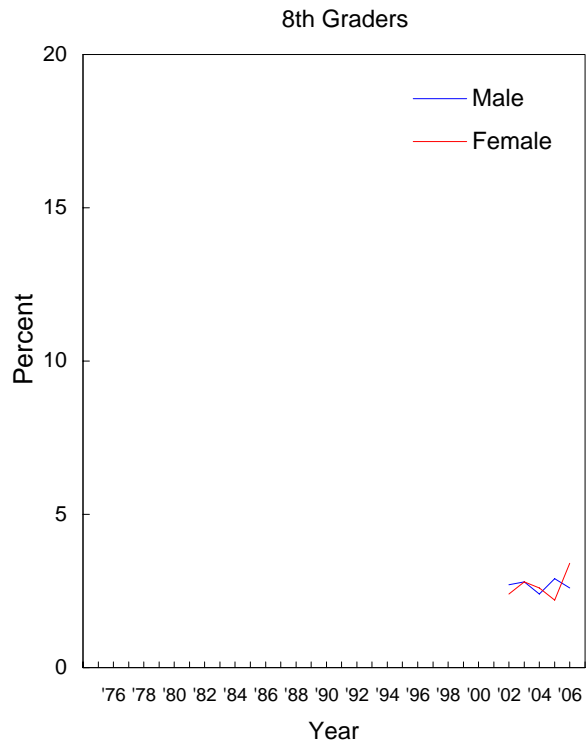


OxyContin: Trends in Annual Prevalence by Race/Ethnicity*

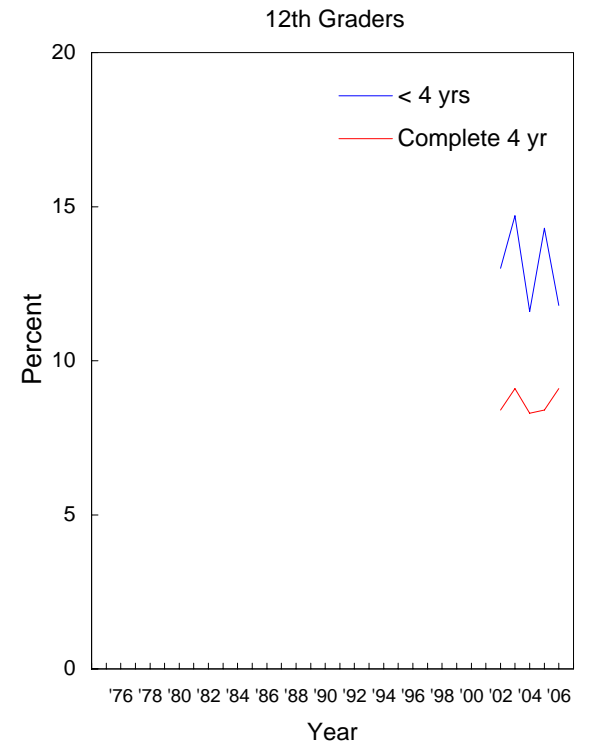
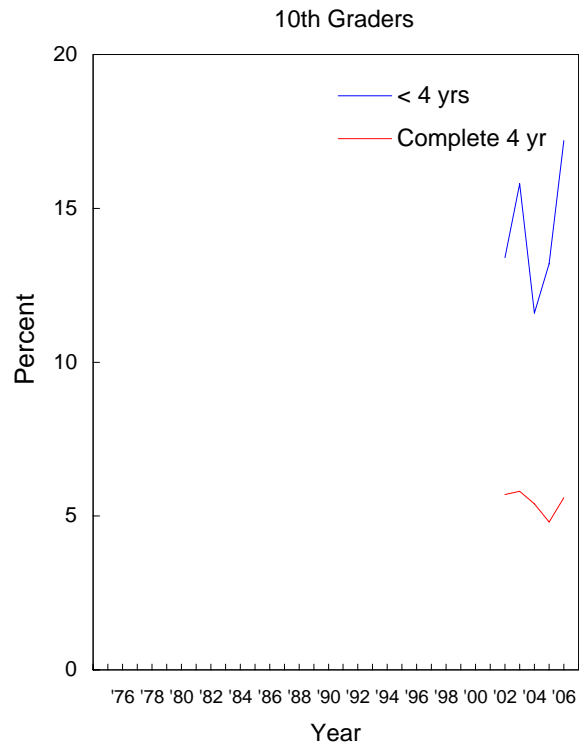
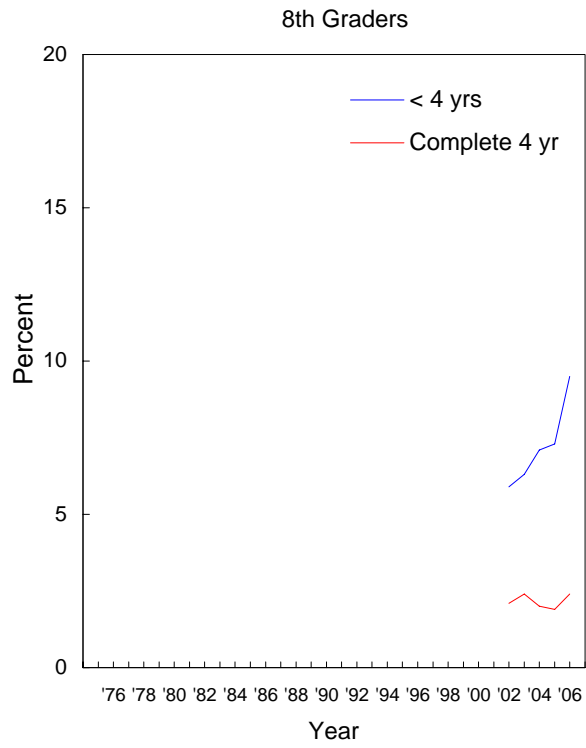


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

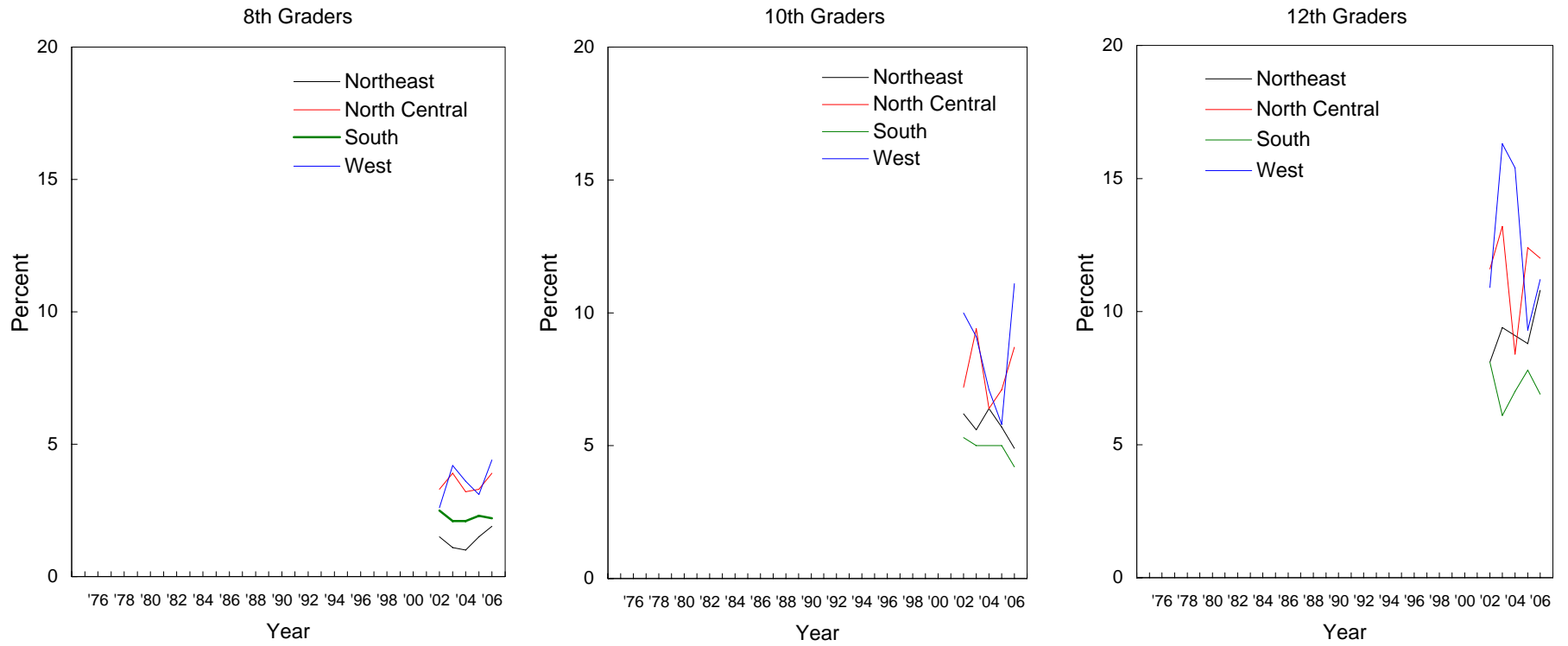
Vicodin: Trends in Annual Prevalence by Gender



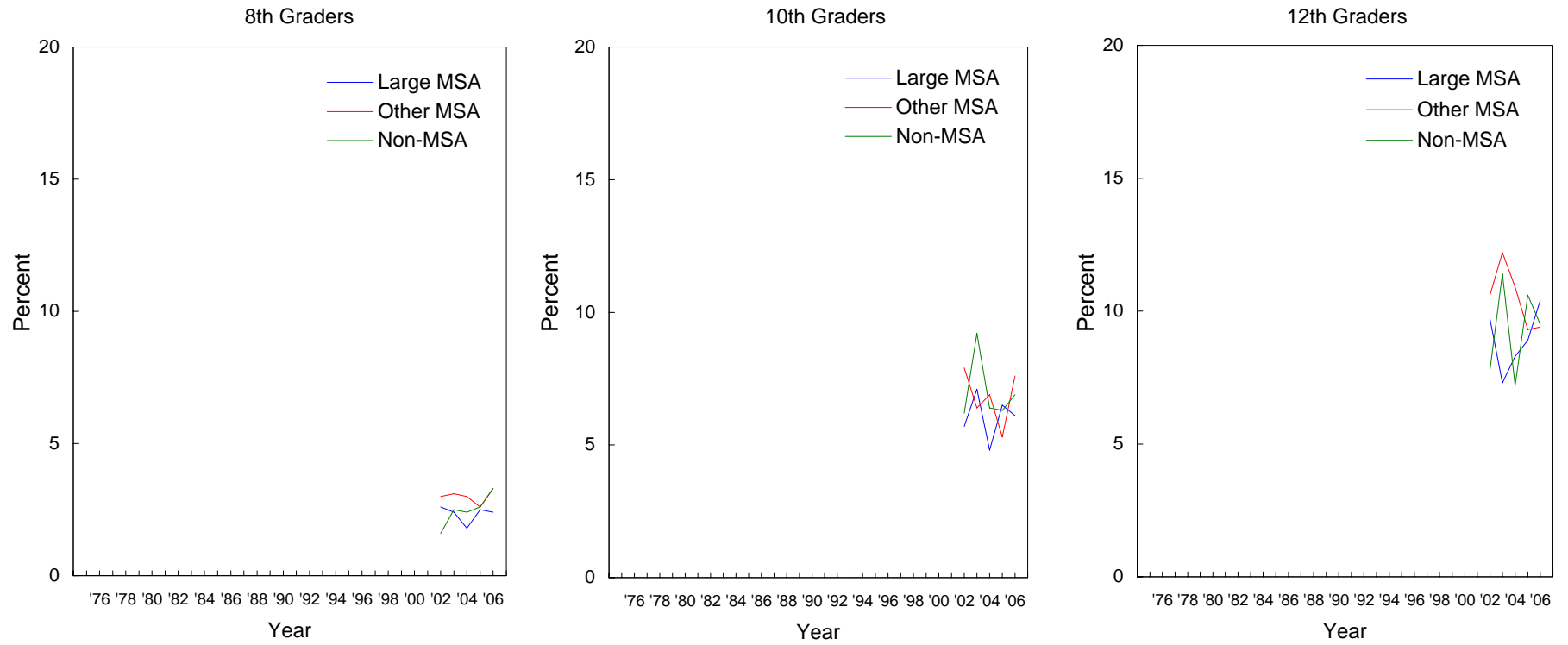
Vicodin: Trends in Annual Prevalence by College Plans



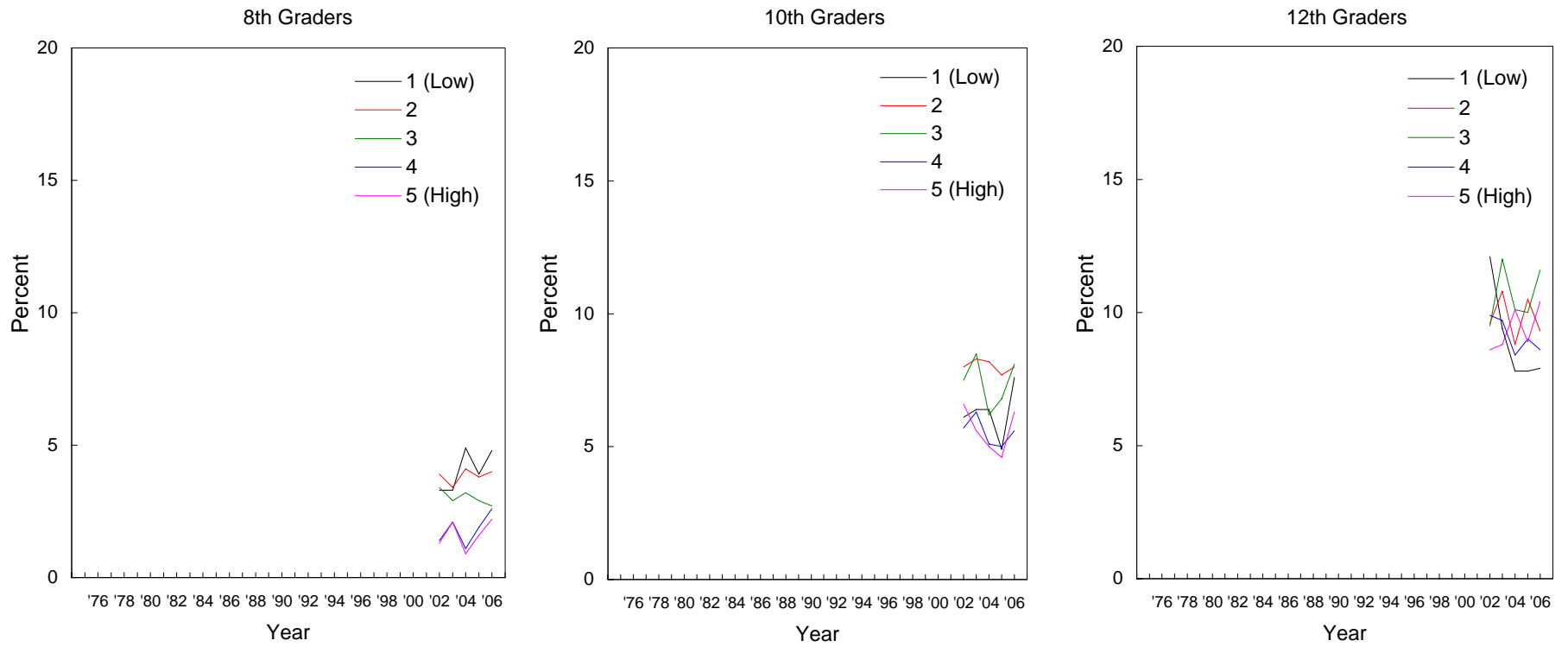
Vicodin: Trends in Annual Prevalence by Region



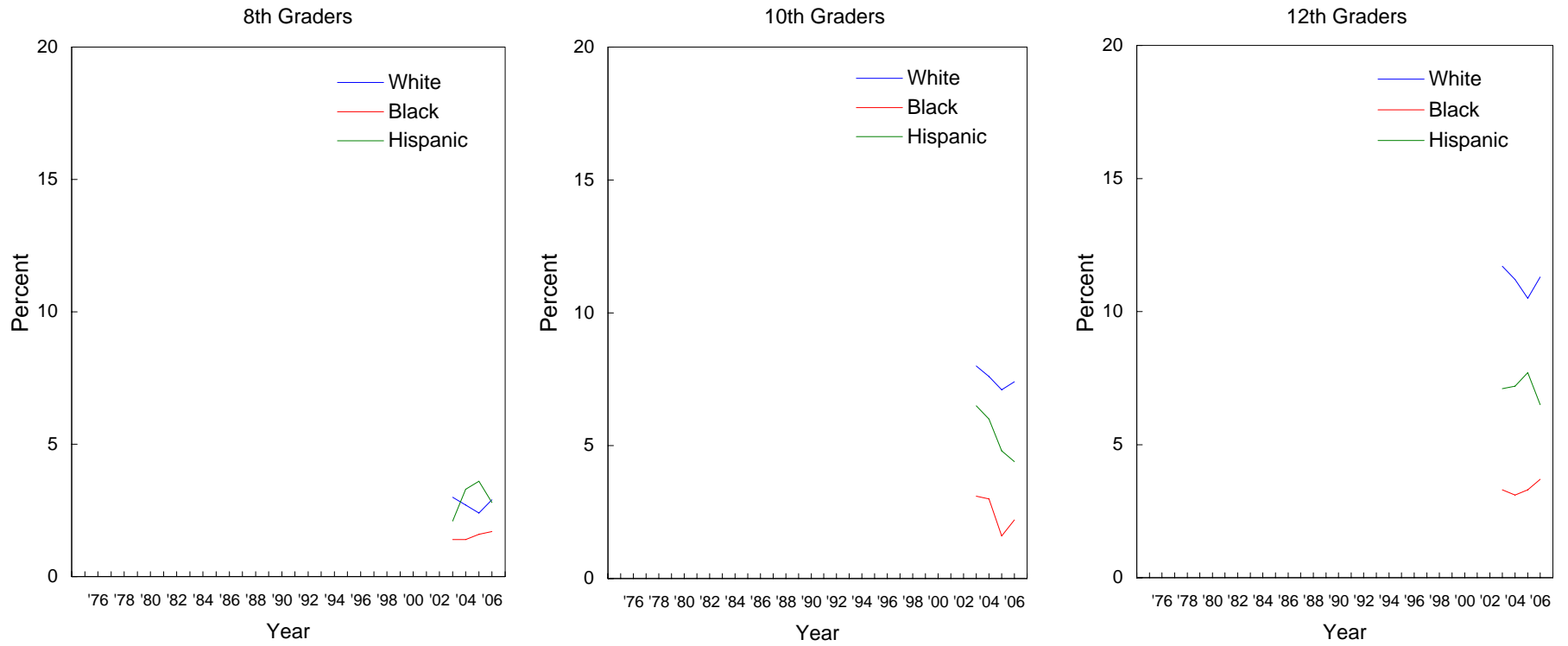
Vicodin: Trends in Annual Prevalence by Population Density



Vicodin: Trends in Annual Prevalence by Parents' Average Education

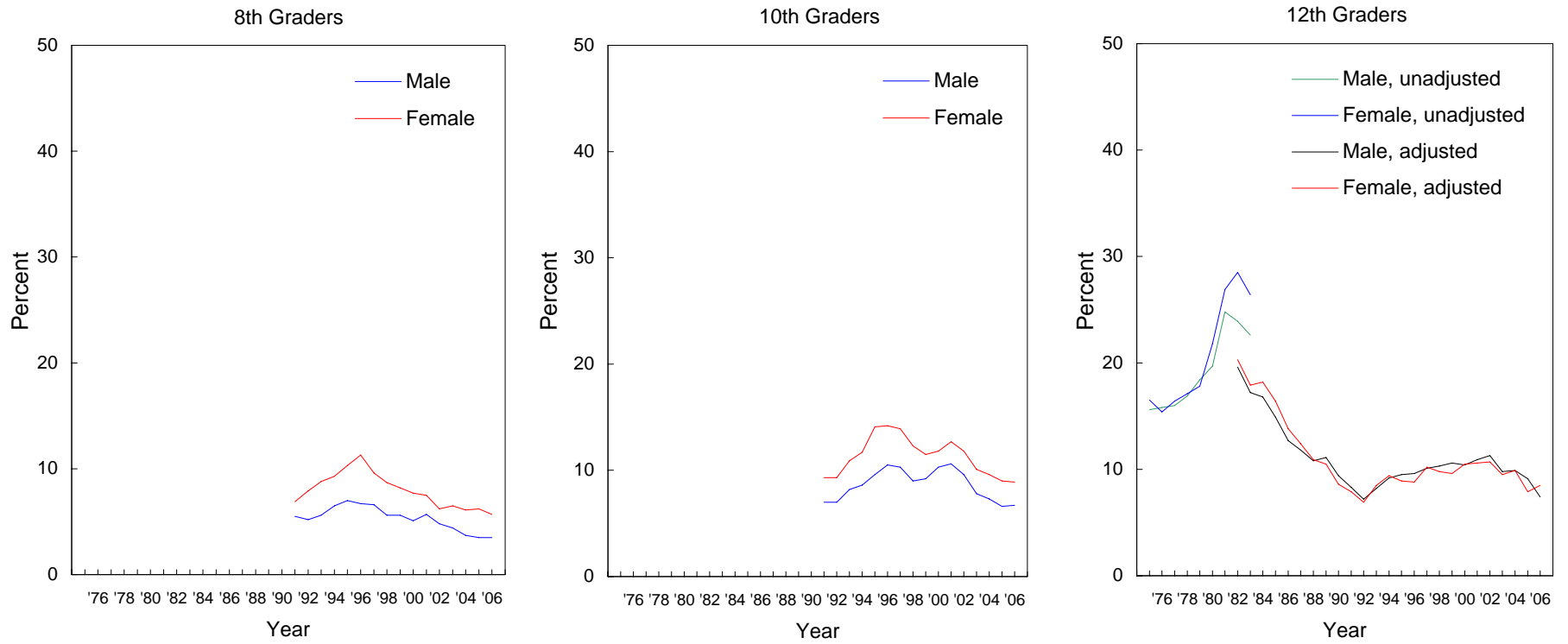


Vicodin: Trends in Annual Prevalence by Race/Ethnicity*



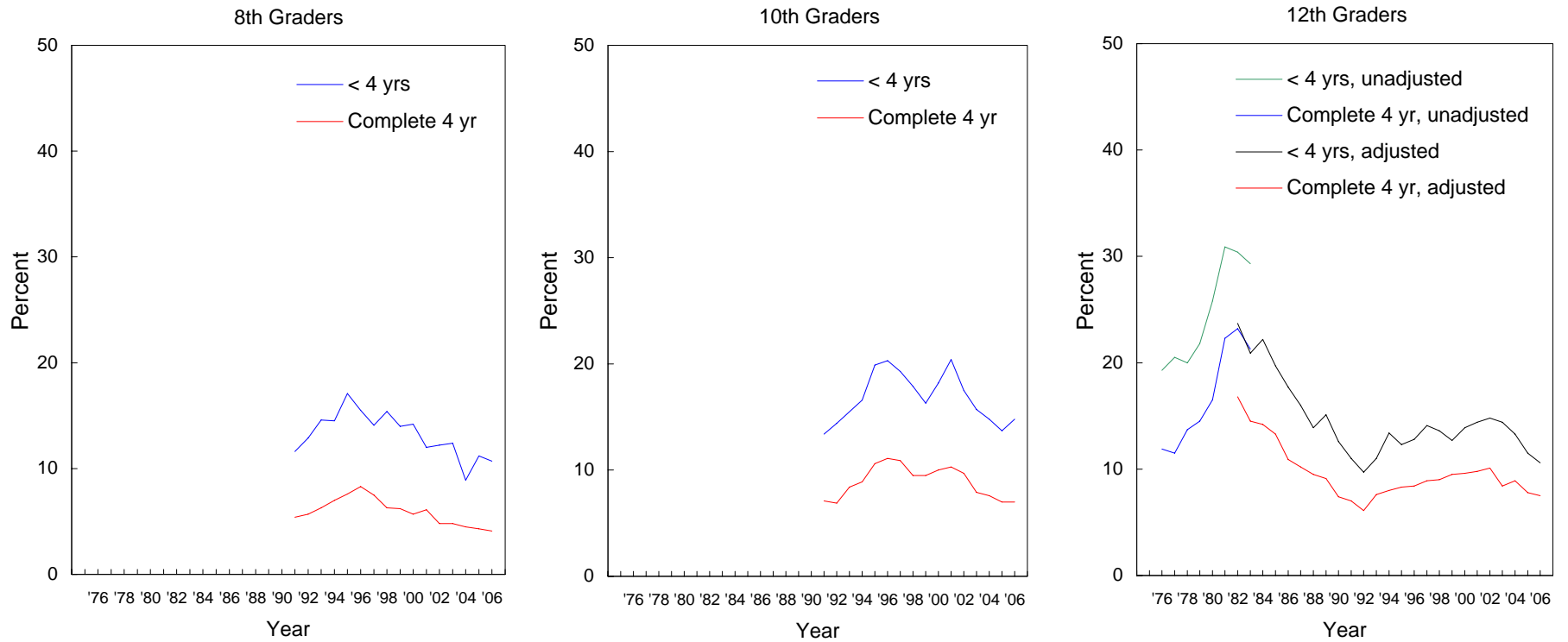
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Amphetamines:* Trends in Annual Prevalence by Gender



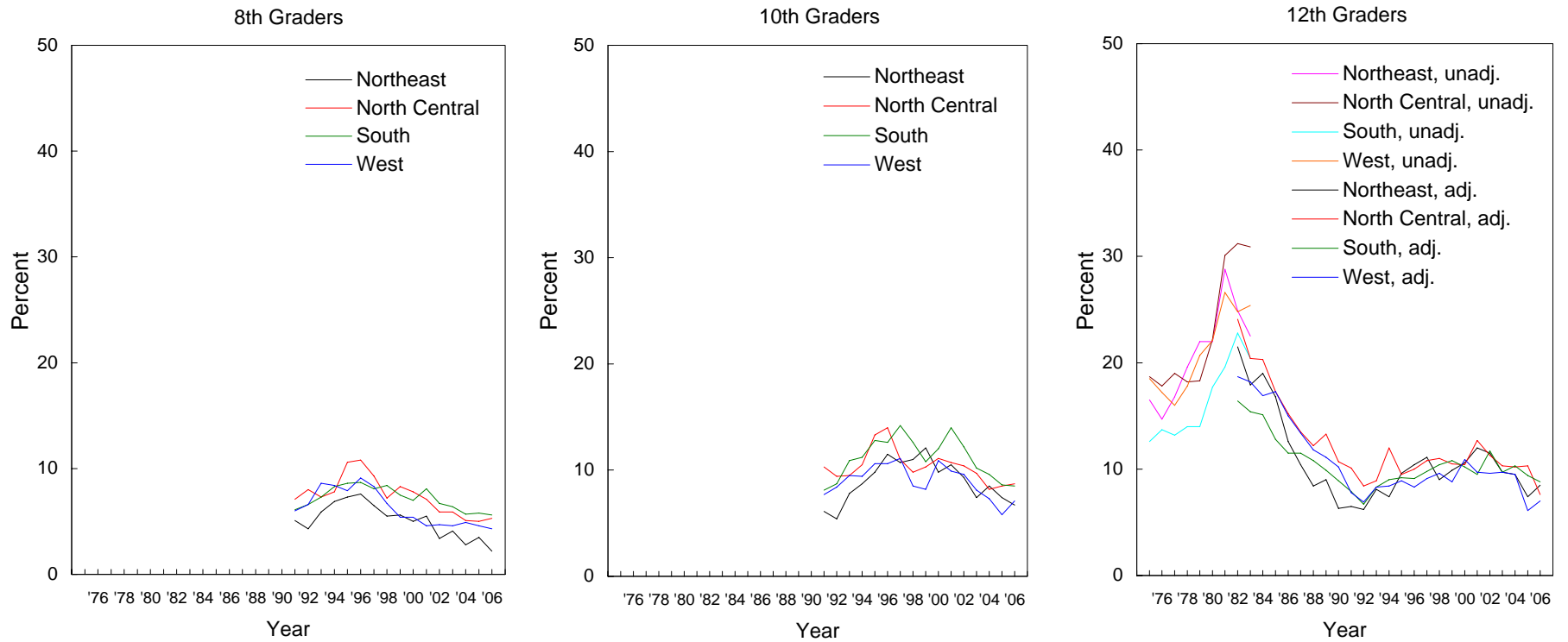
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines:* Trends in Annual Prevalence by College Plans



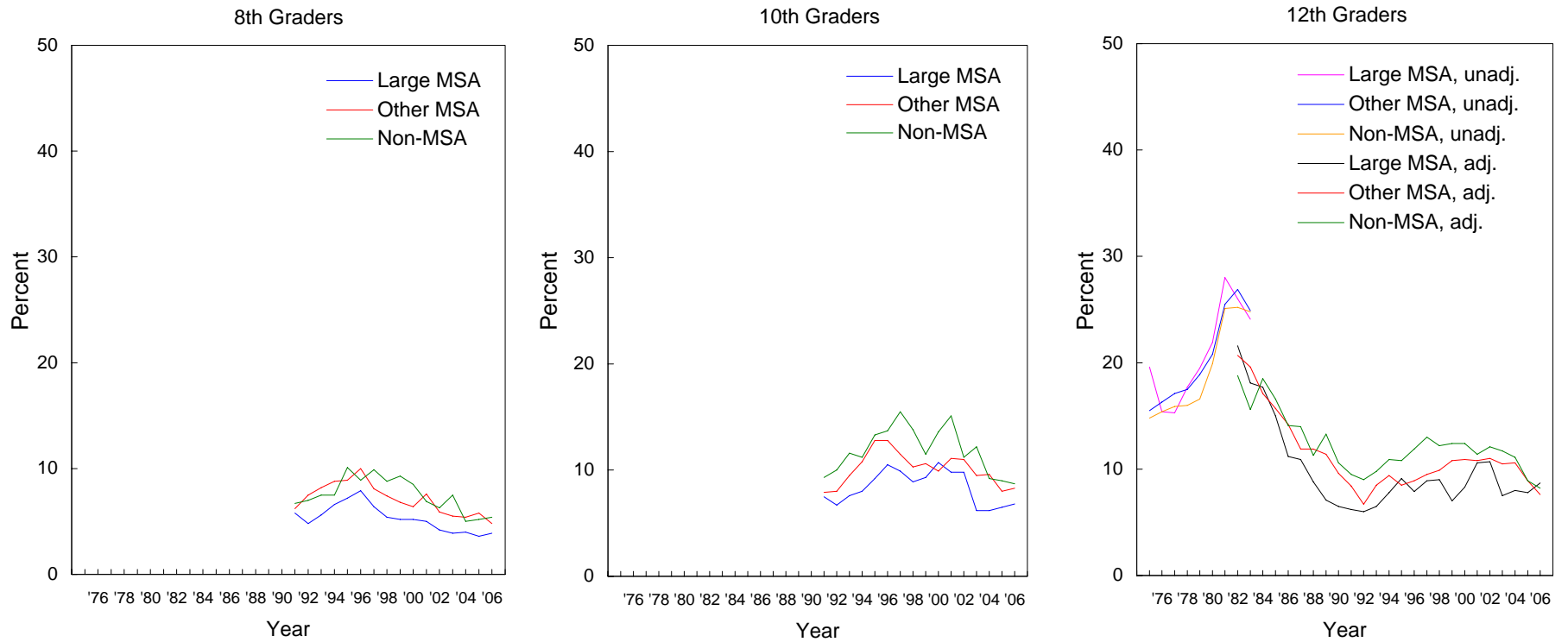
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines:* Trends in Annual Prevalence by Region



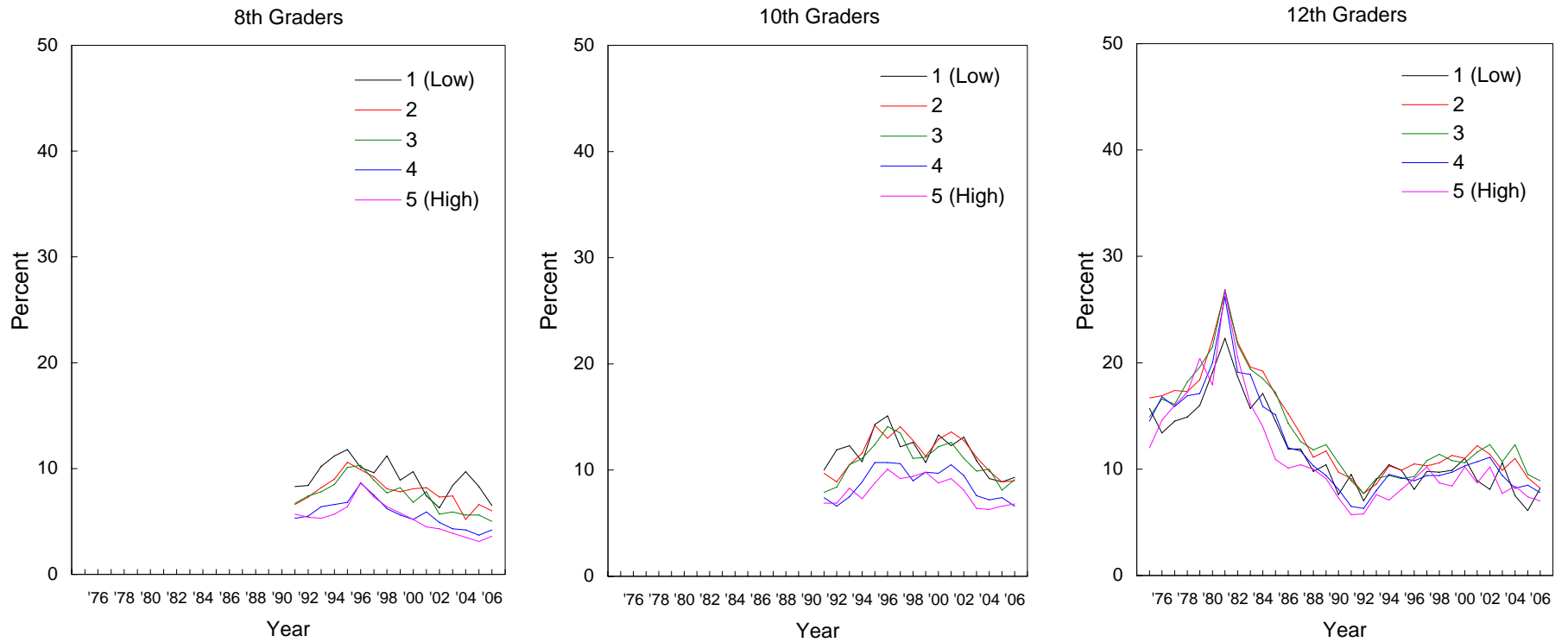
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines:* Trends in Annual Prevalence by Population Density



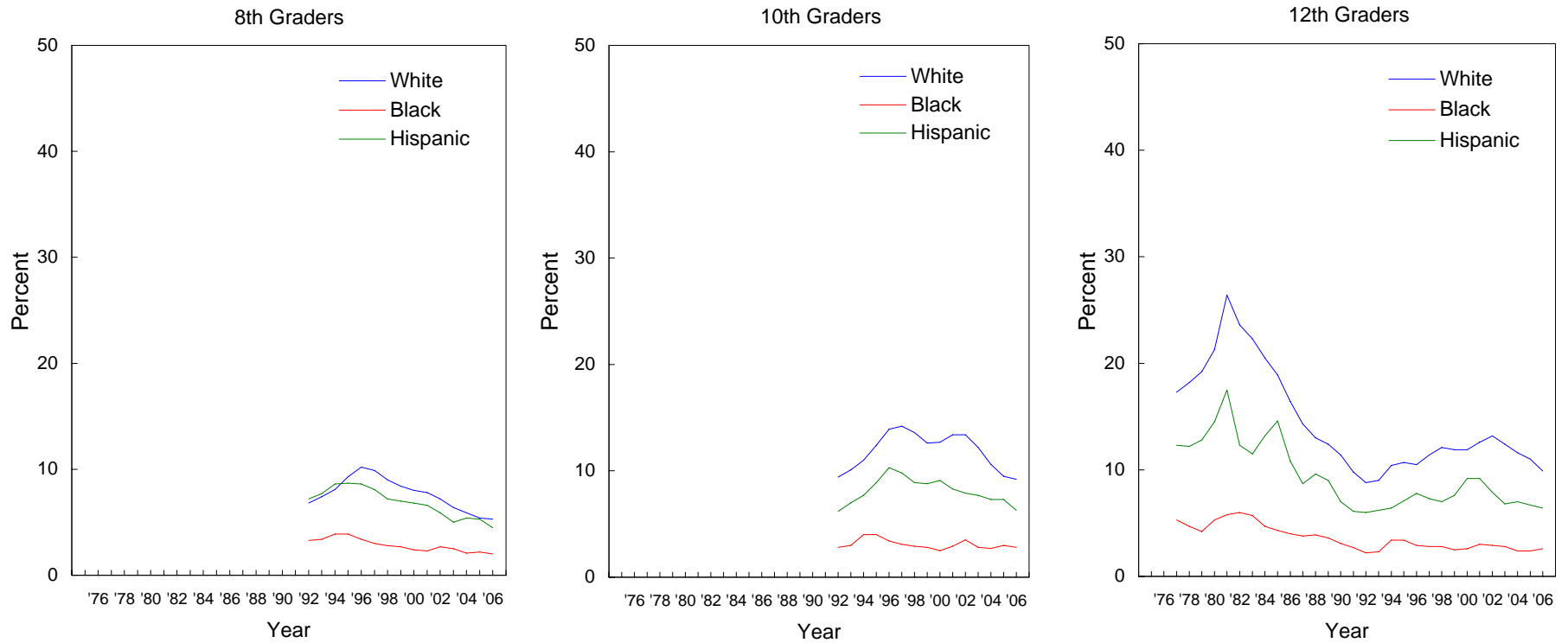
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines:* Trends in Annual Prevalence by Parents' Average Education



*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

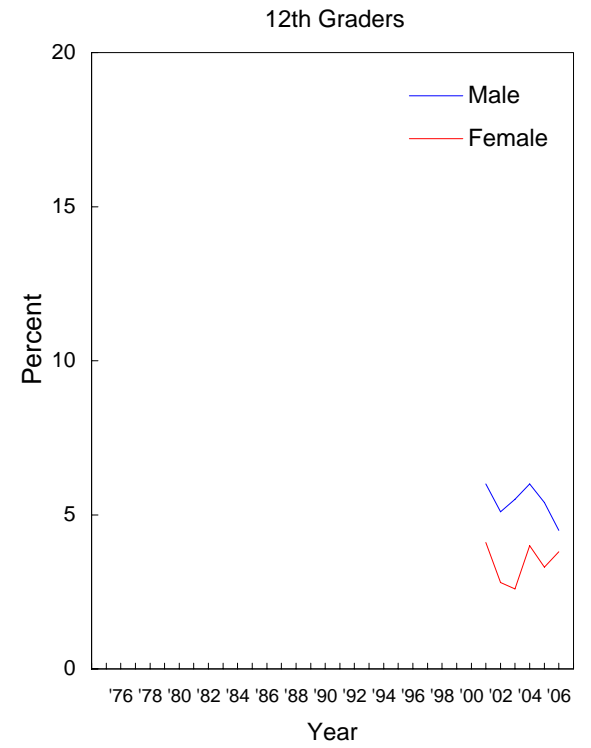
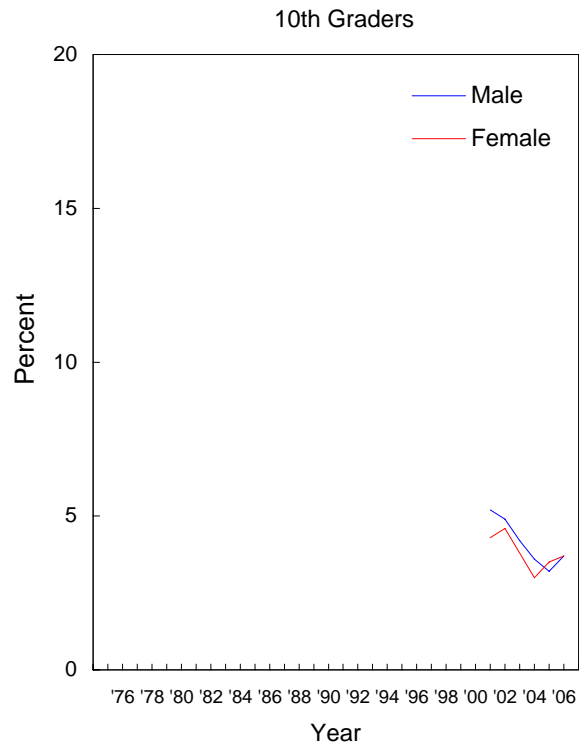
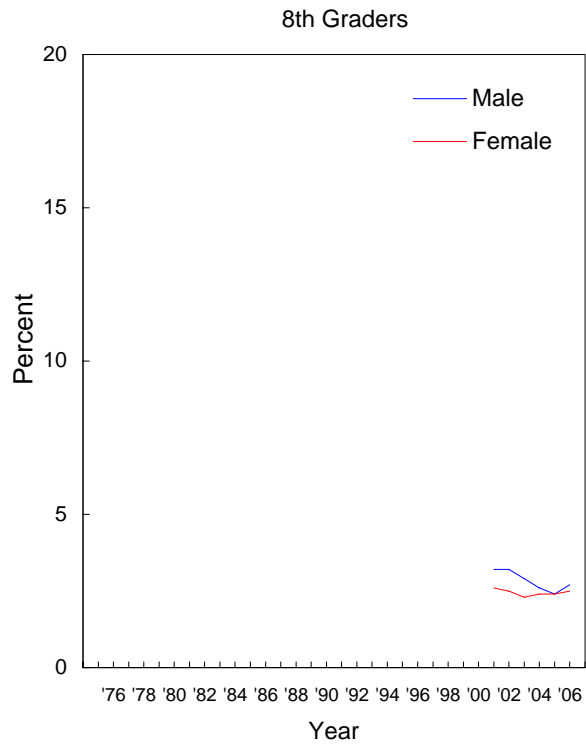
Amphetamines:* Trends in Annual Prevalence by Race/Ethnicity**



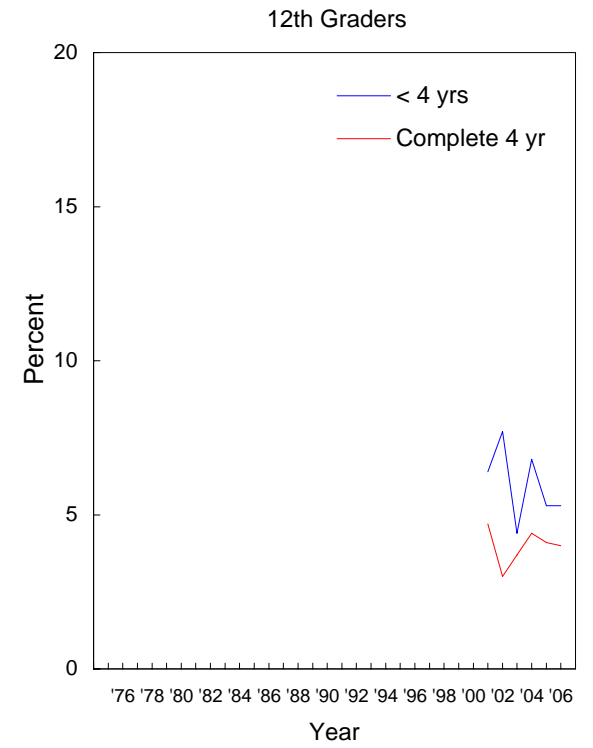
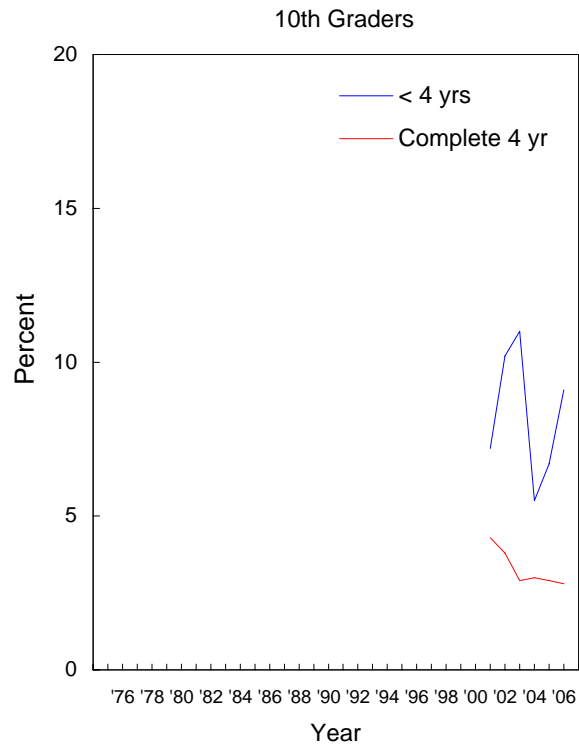
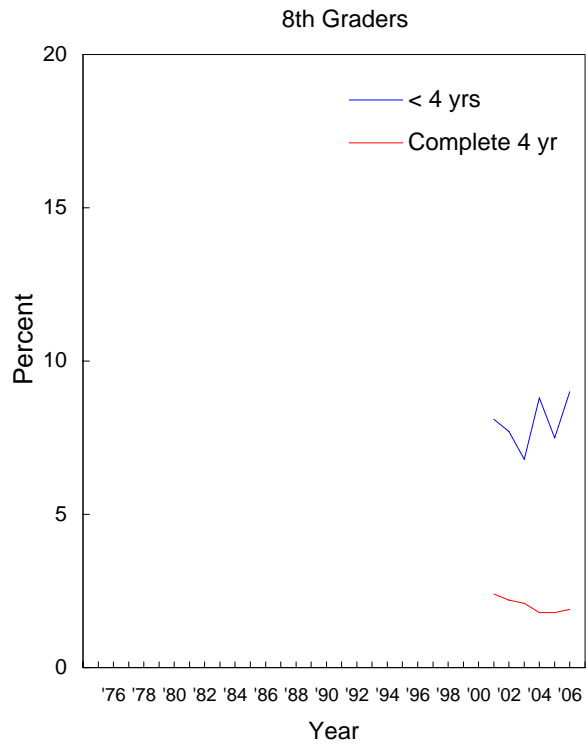
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**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

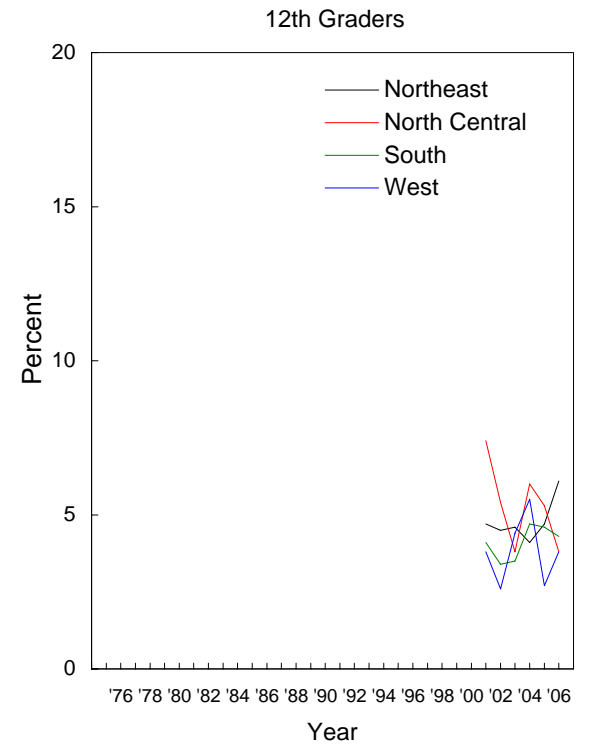
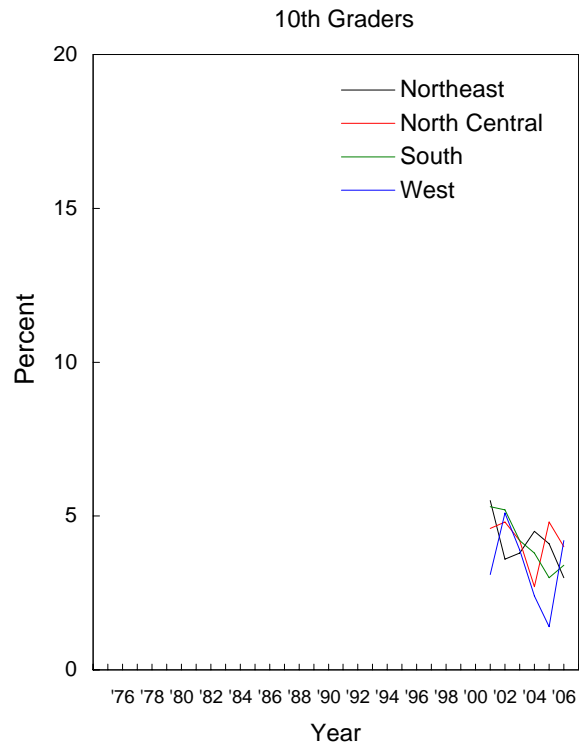
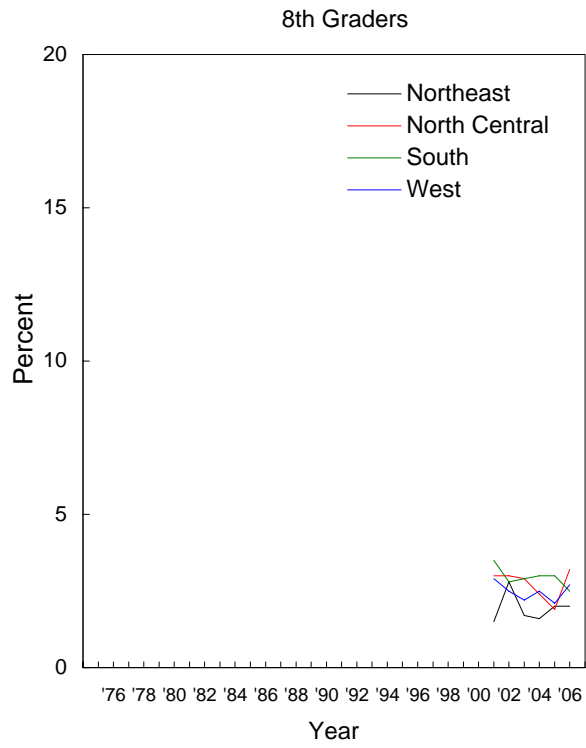
Ritalin: Trends in Annual Prevalence by Gender



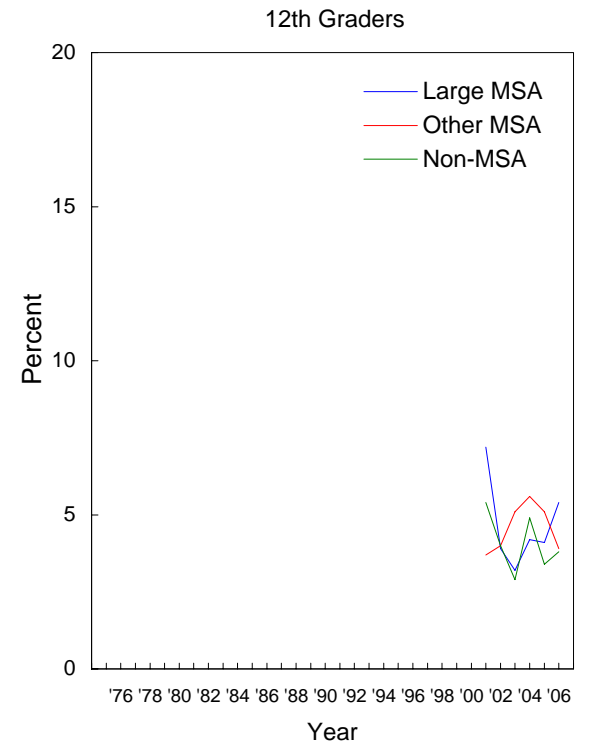
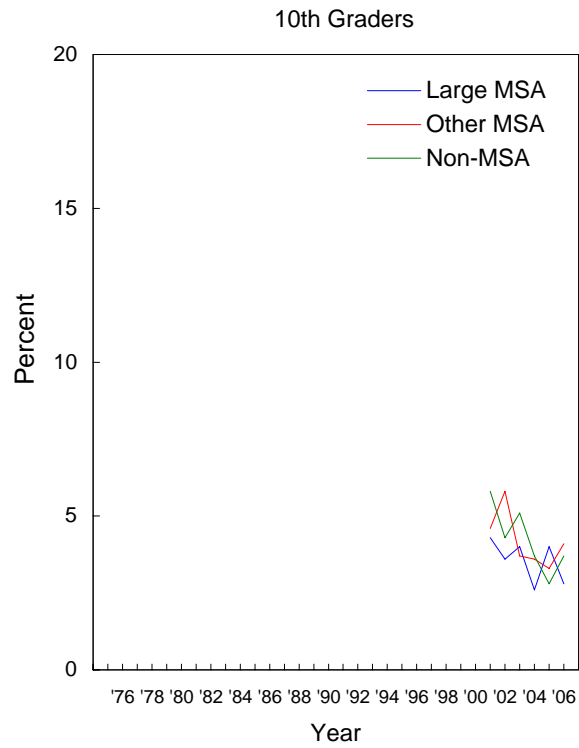
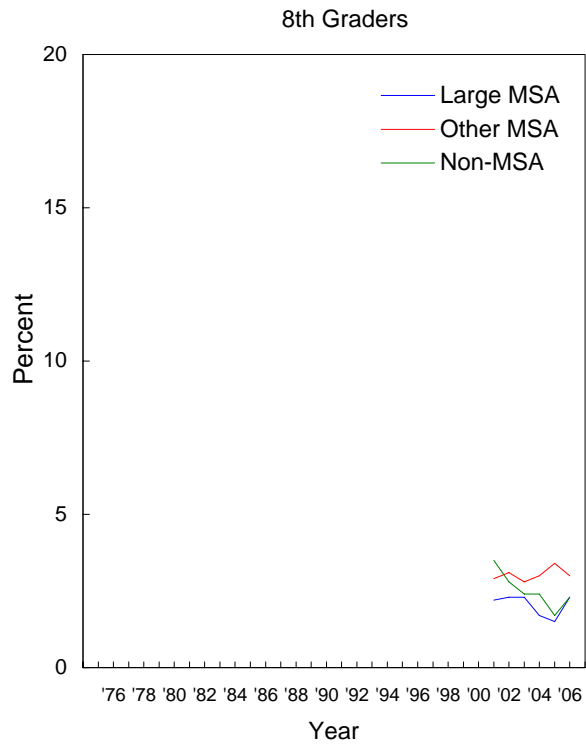
Ritalin: Trends in Annual Prevalence by College Plans



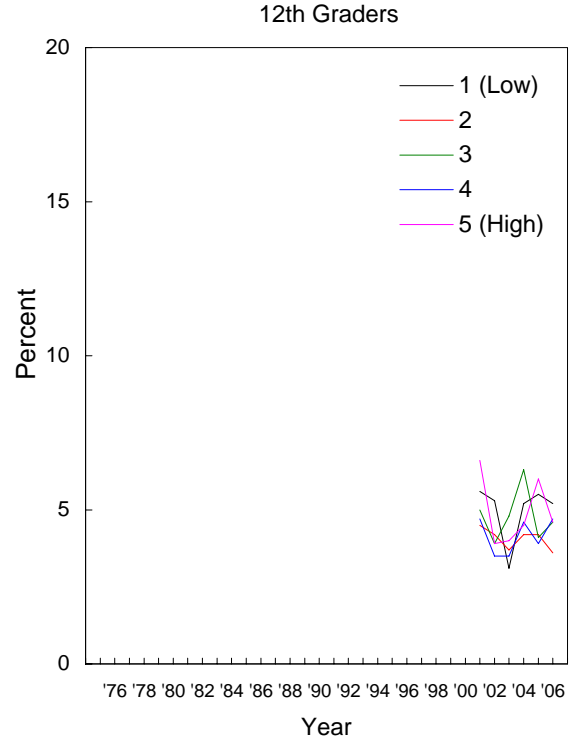
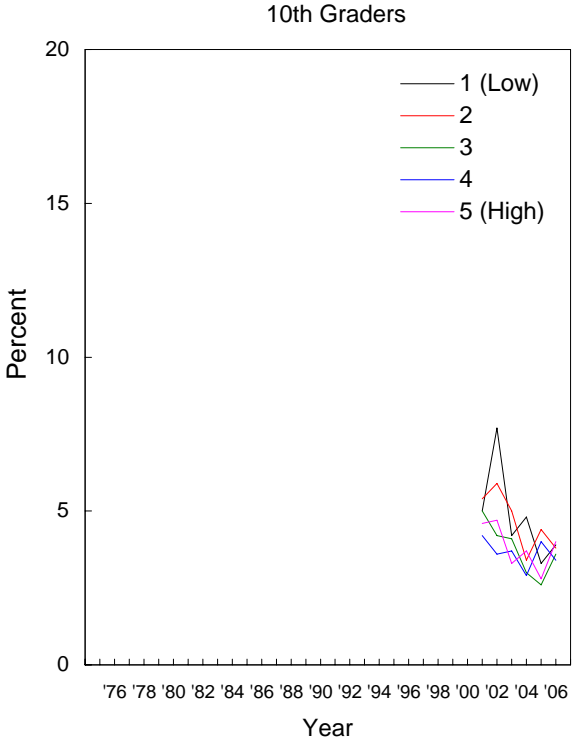
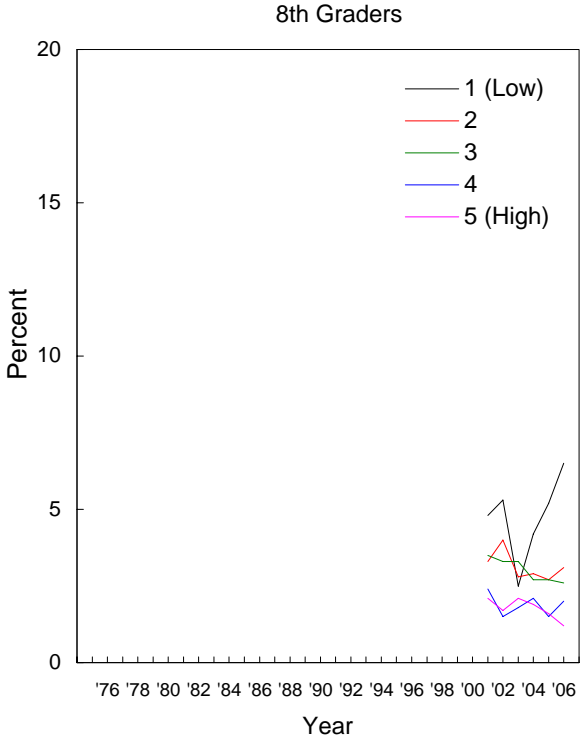
Ritalin: Trends in Annual Prevalence by Region



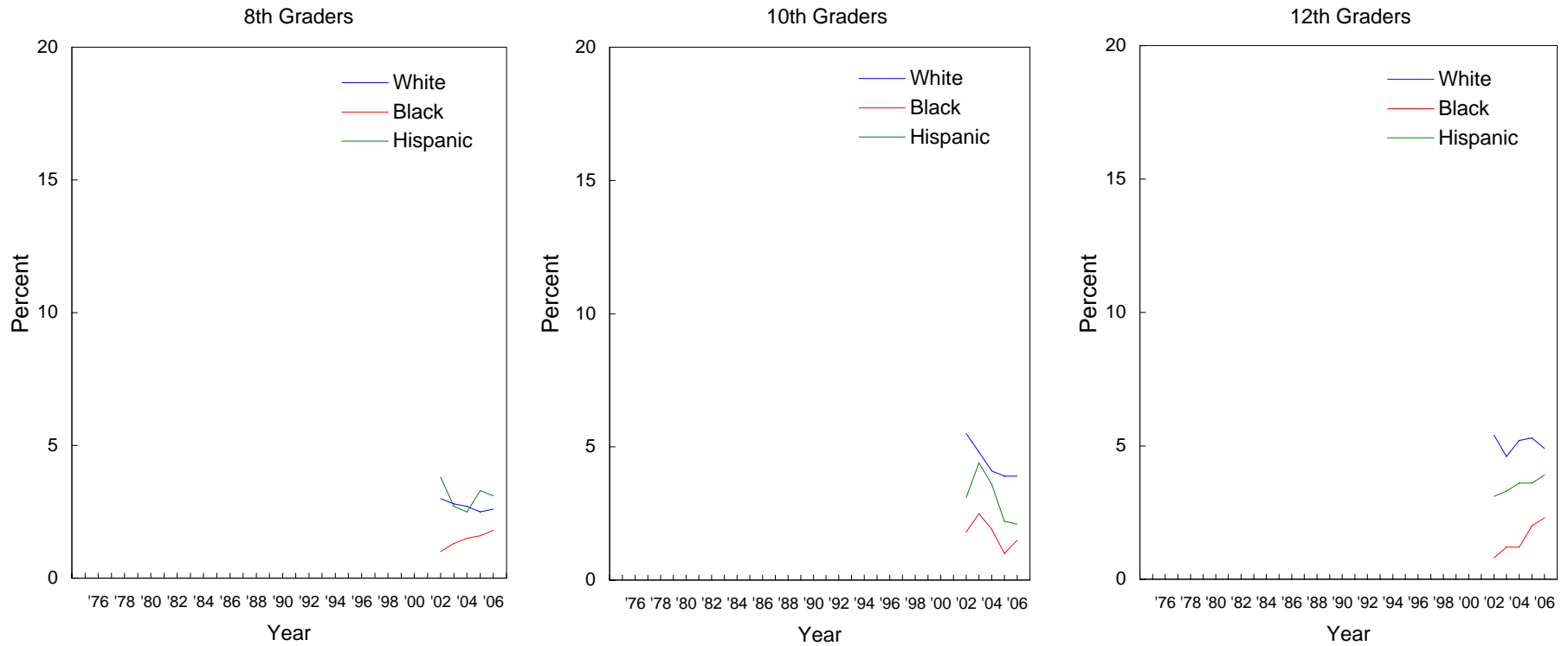
Ritalin: Trends in Annual Prevalence by Population Density



Ritalin: Trends in Annual Prevalence by Parents' Average Education

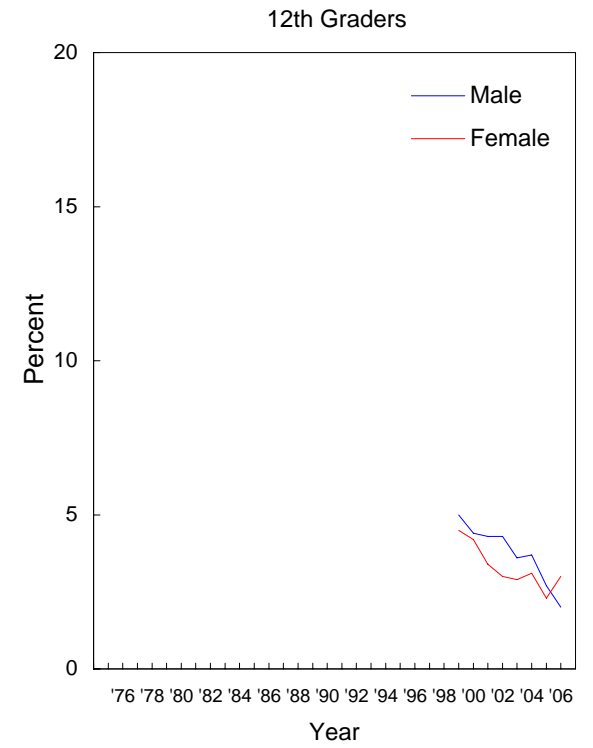
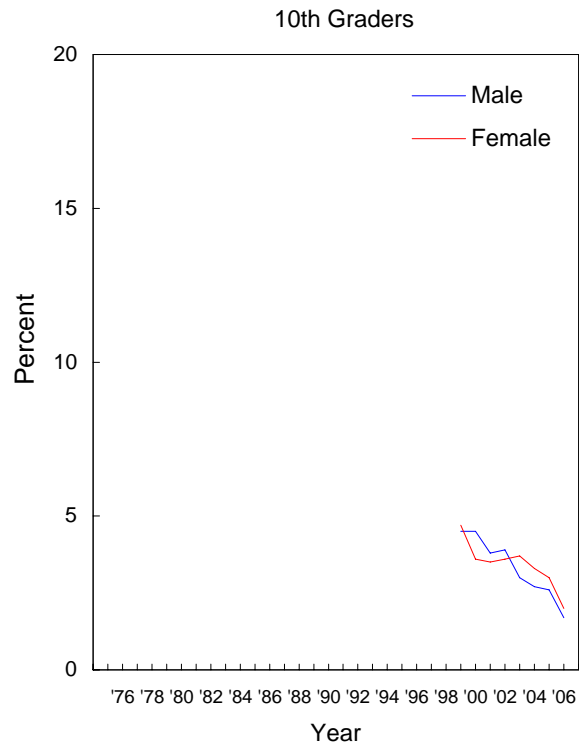
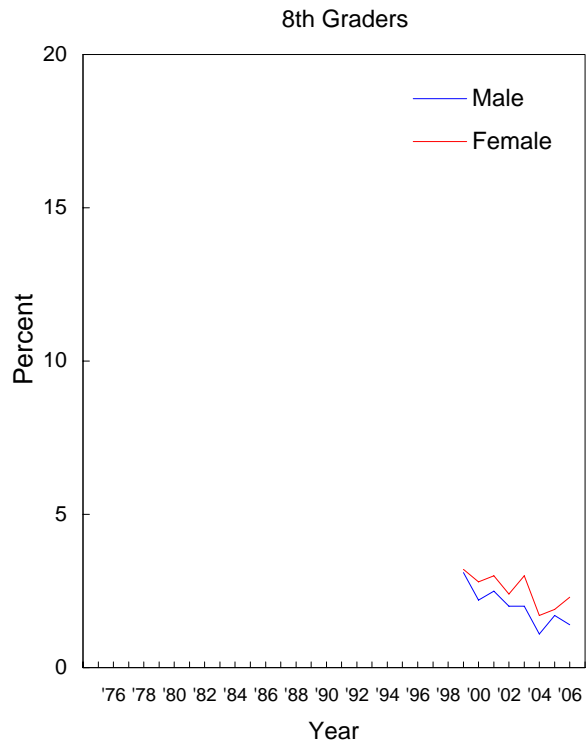


Ritalin: Trends in Annual Prevalence by Race/Ethnicity*

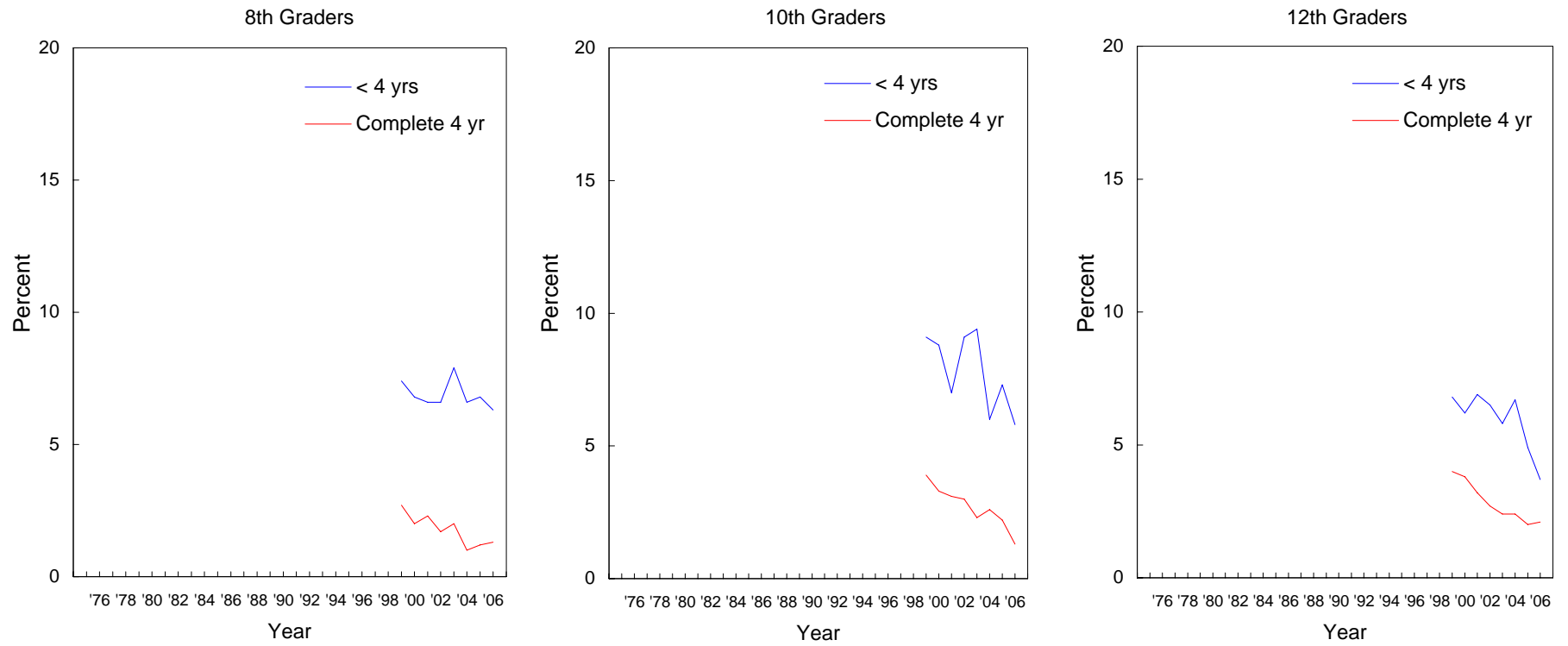


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

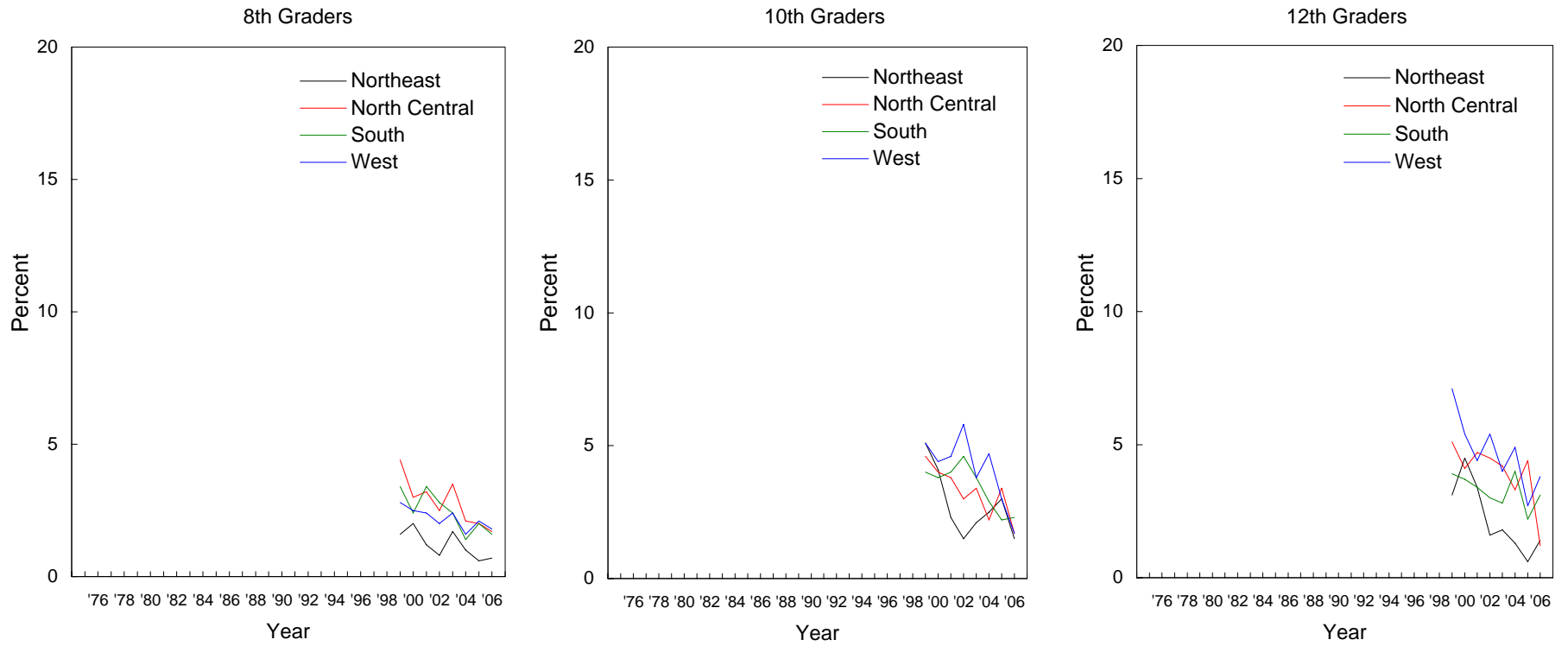
Methamphetamine: Trends in Annual Prevalence by Gender



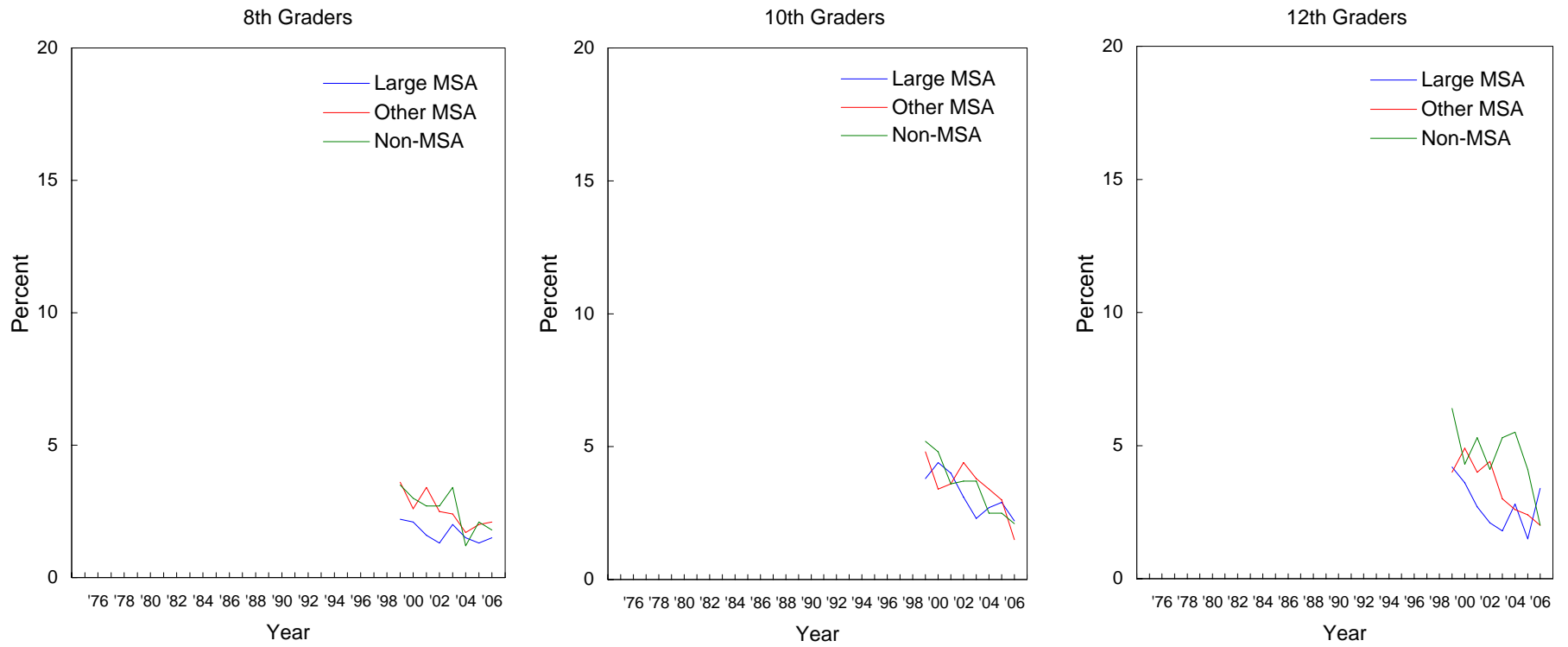
Methamphetamine: Trends in Annual Prevalence by College Plans



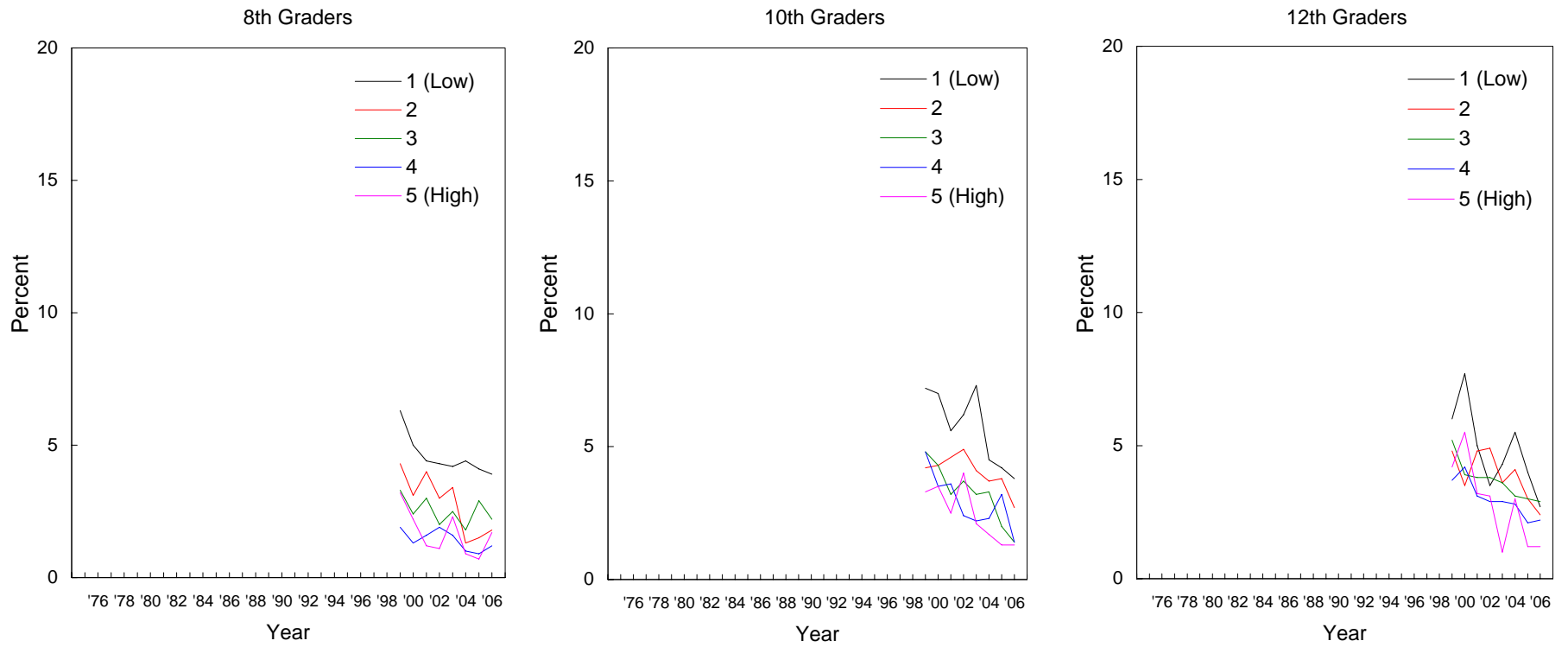
Methamphetamine: Trends in Annual Prevalence by Region



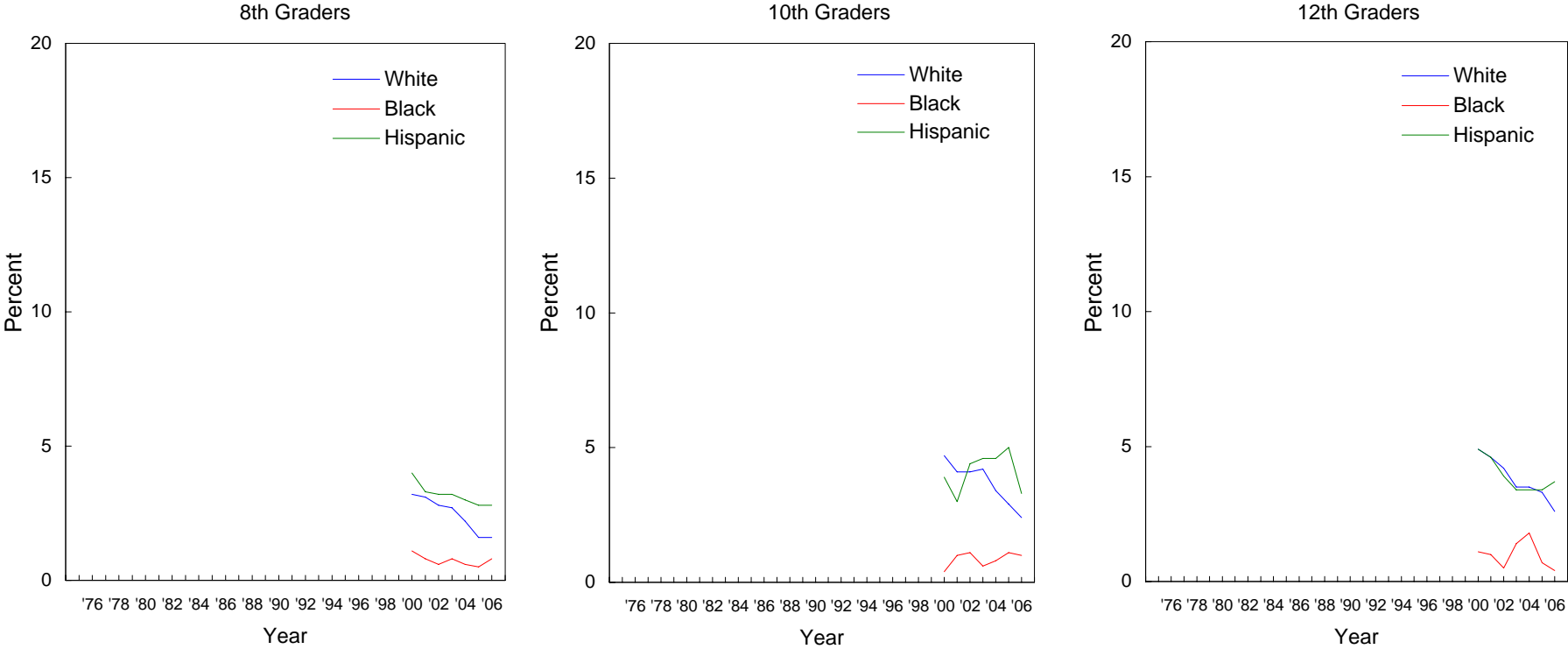
Methamphetamine: Trends in Annual Prevalence by Population Density



Methamphetamine: Trends in Annual Prevalence by Parents' Average Education

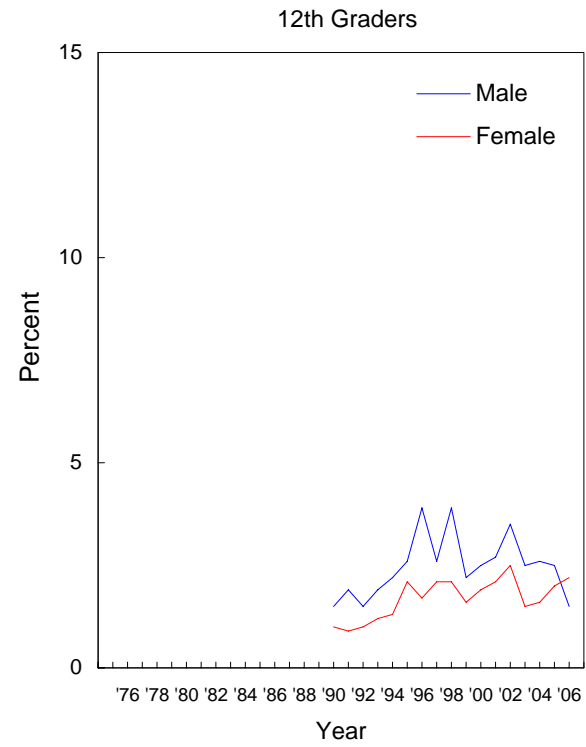


Methamphetamine: Trends in Annual Prevalence by Race/Ethnicity*

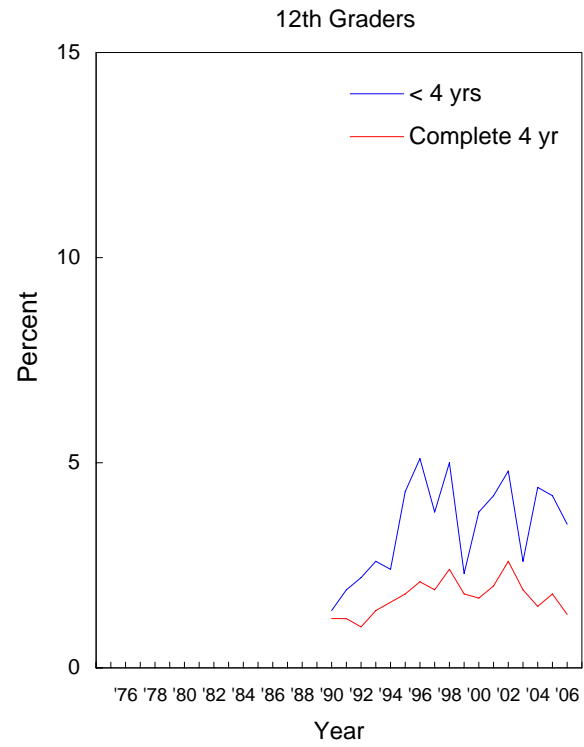


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

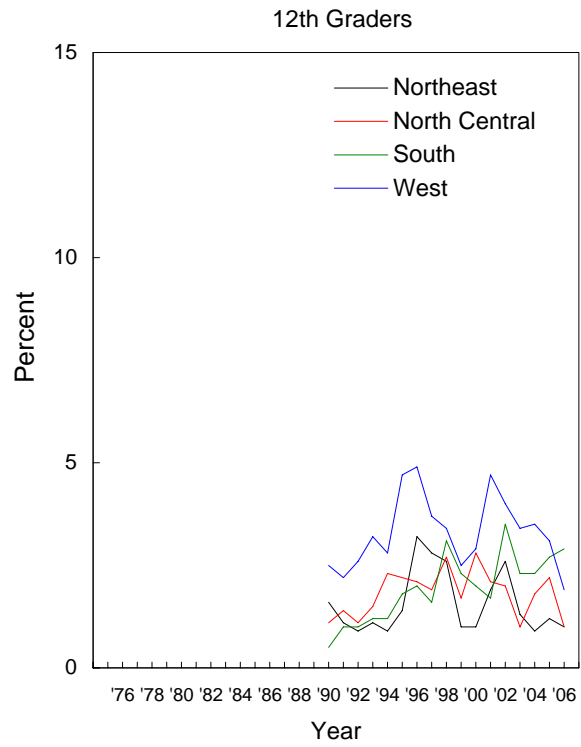
Ice: Trends in Annual Prevalence by Gender



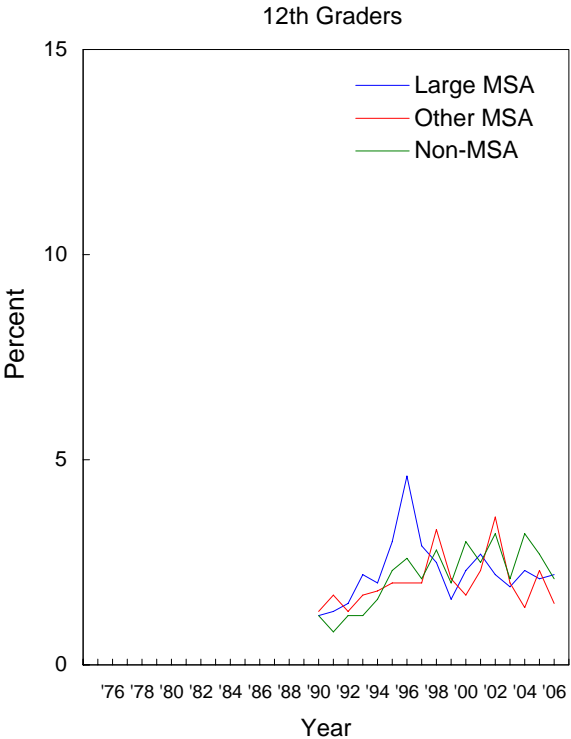
Ice: Trends in Annual Prevalence by College Plans



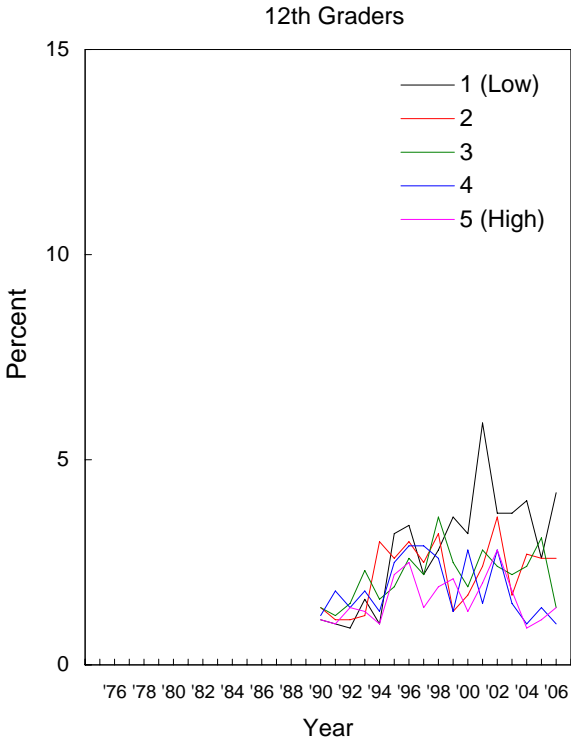
Ice: Trends in Annual Prevalence by Region



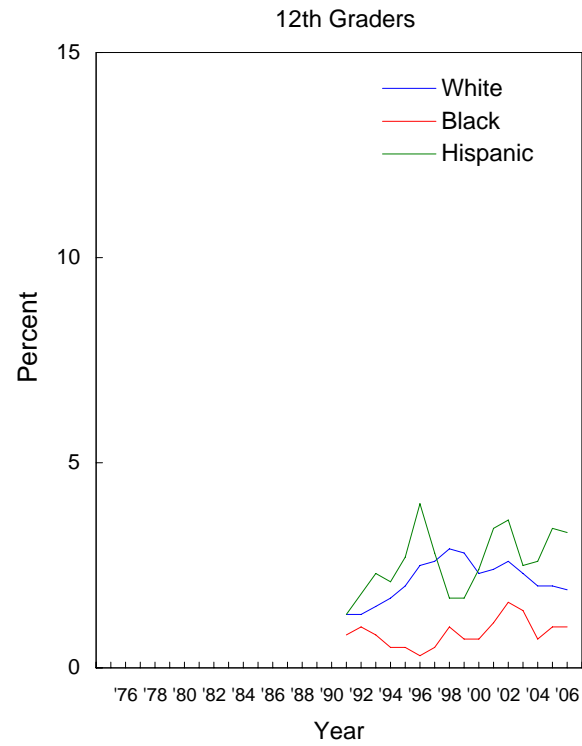
Ice: Trends in Annual Prevalence by Population Density



Ice: Trends in Annual Prevalence by Parents' Average Education

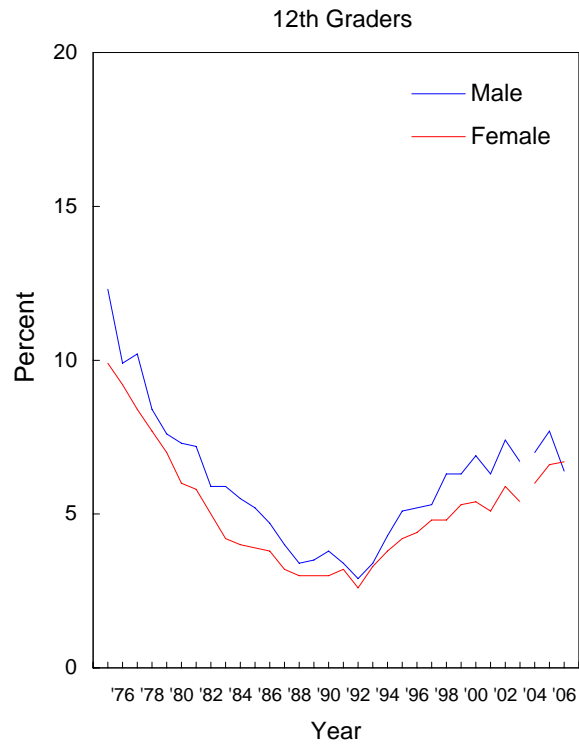


Ice: Trends in Annual Prevalence by Race/Ethnicity*



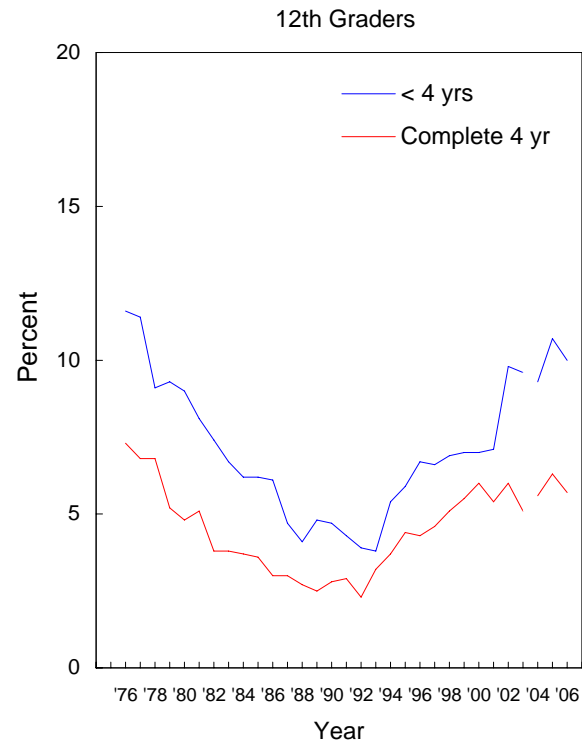
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Sedatives (Barbiturates):* Trends in Annual Prevalence by Gender



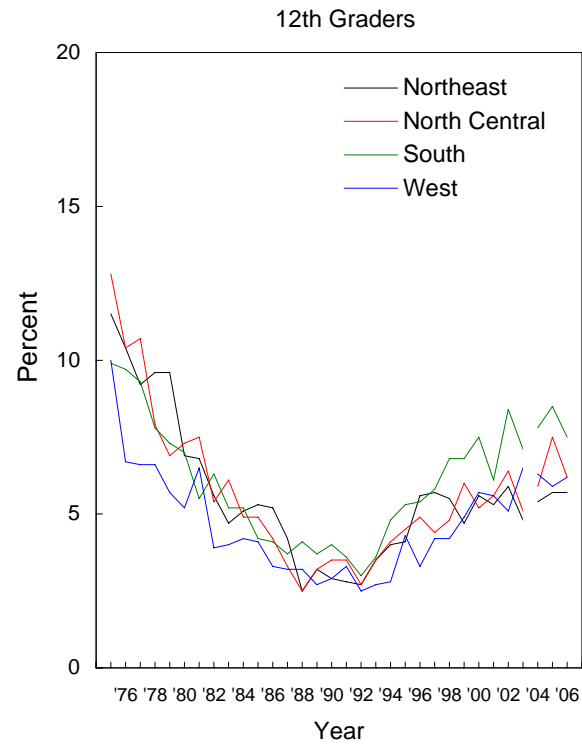
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

Sedatives (Barbiturates):* Trends in Annual Prevalence by College Plans



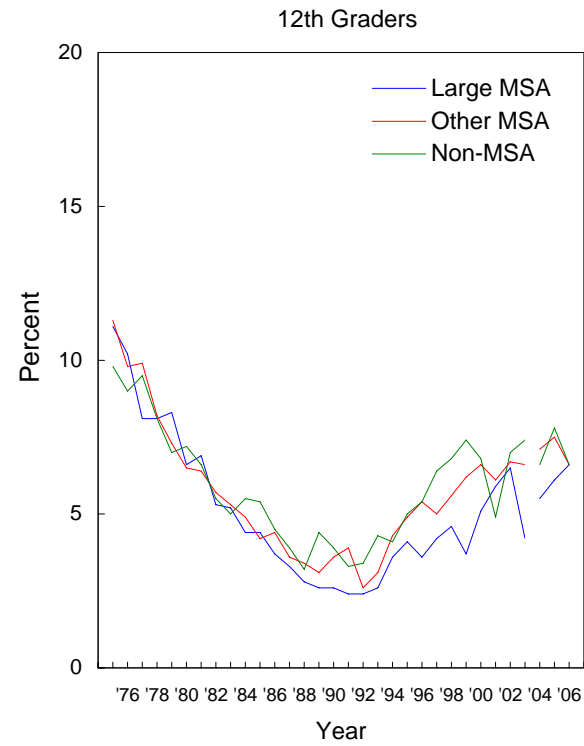
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

Sedatives (Barbiturates):* Trends in Annual Prevalence by Region



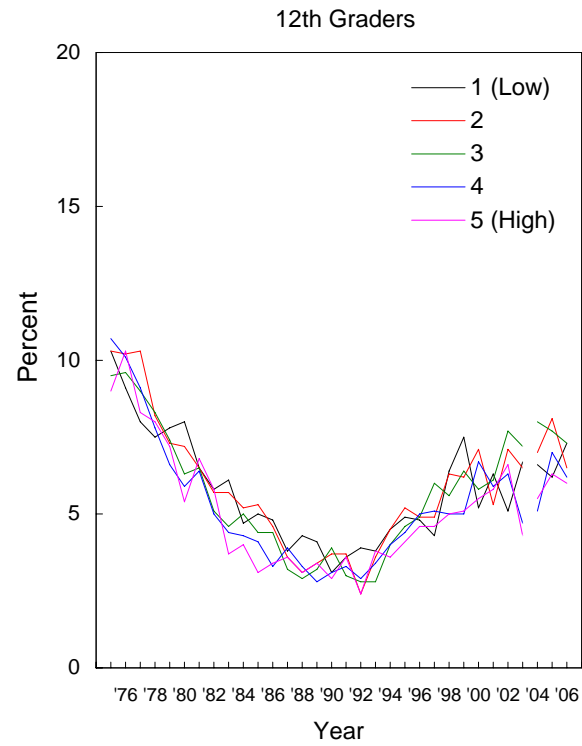
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

Sedatives (Barbiturates):* Trends in Annual Prevalence by Population Density



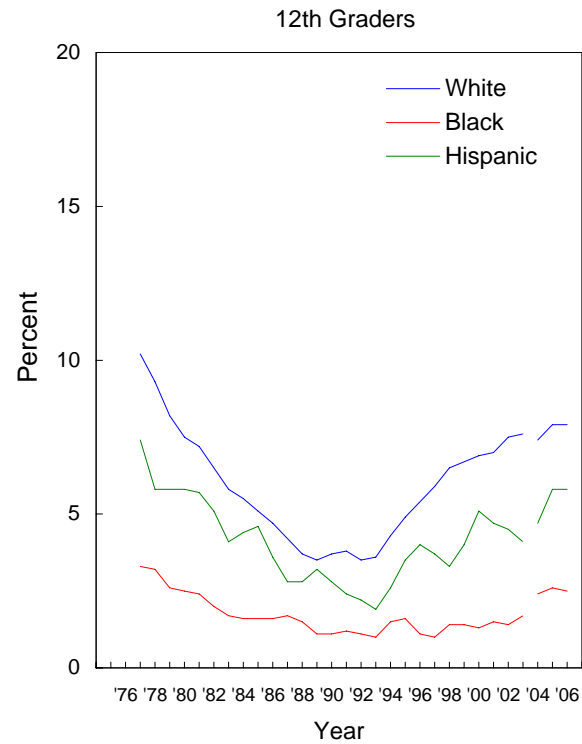
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

Sedatives (Barbiturates):* Trends in Annual Prevalence by Parents' Average Education



*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

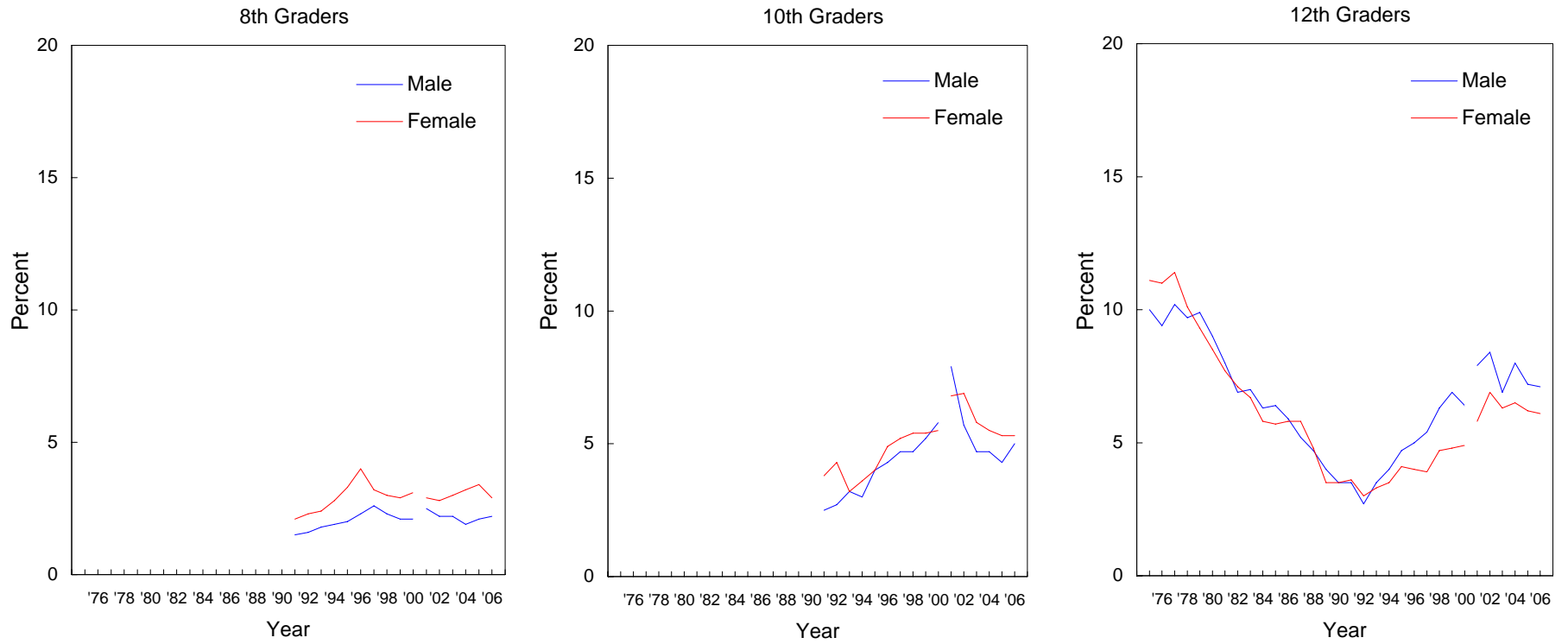
Sedatives (Barbiturates):* Trends in Annual Prevalence by Race/Ethnicity**



*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

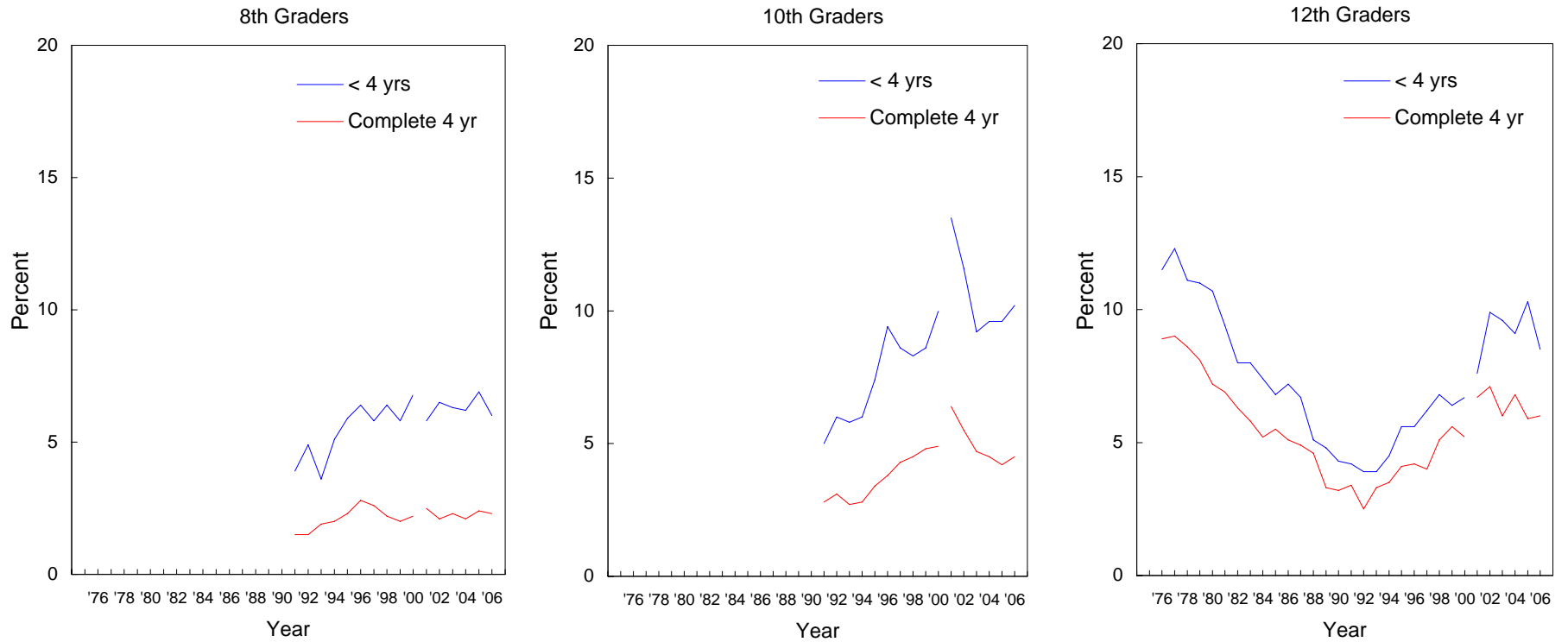
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Tranquilizers:* Trends in Annual Prevalence by Gender



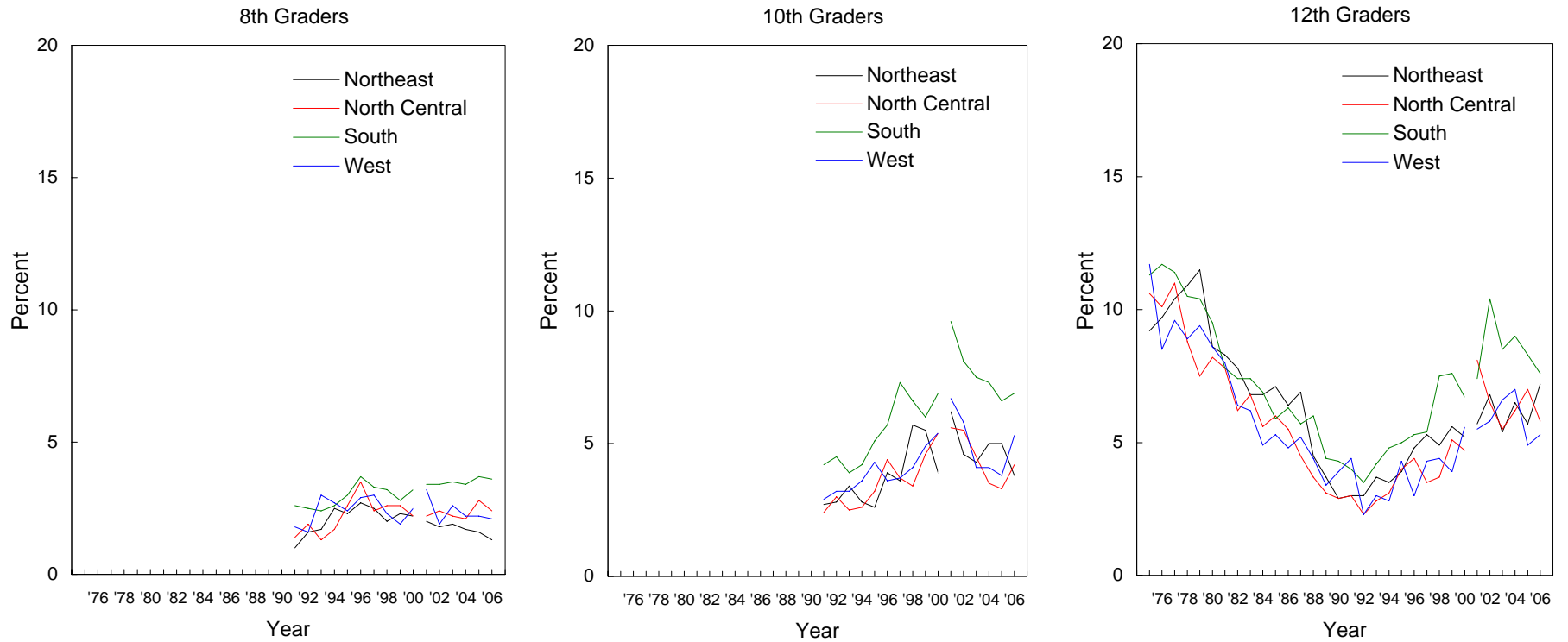
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

Tranquilizers:* Trends in Annual Prevalence by College Plans



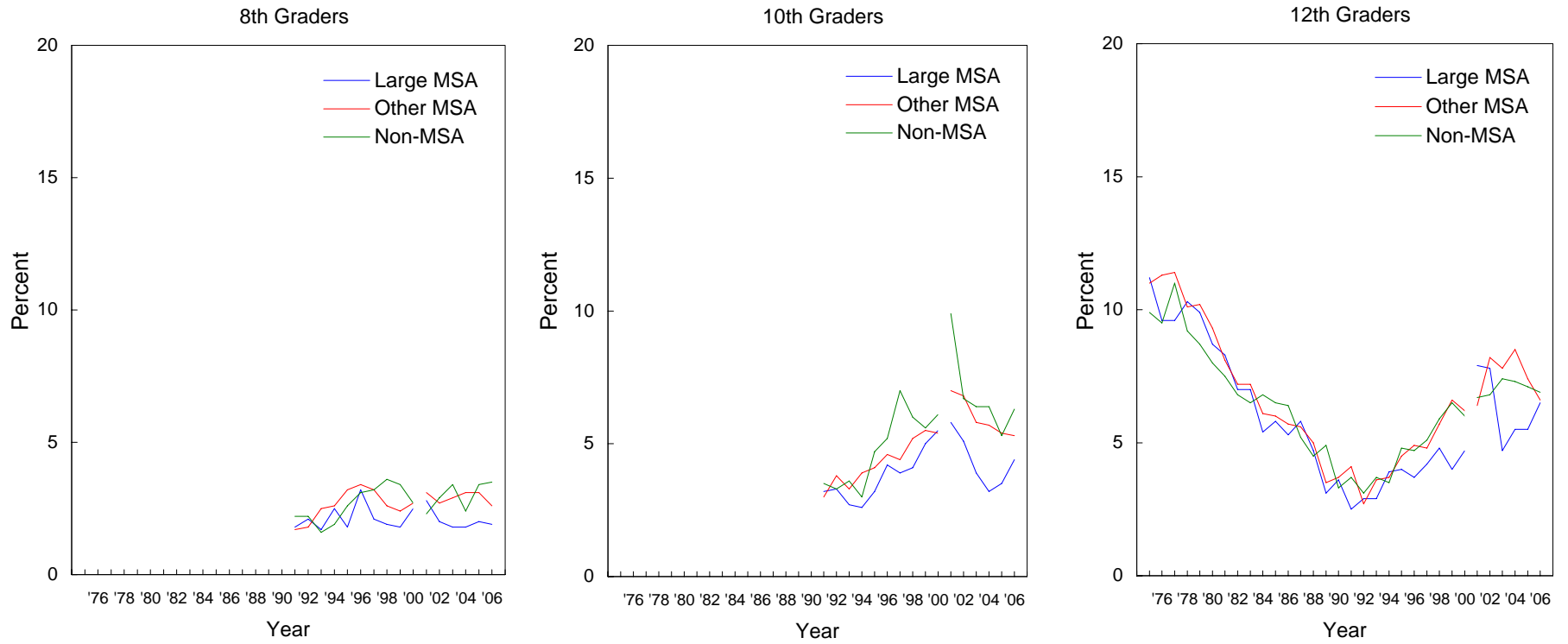
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

Tranquilizers:* Trends in Annual Prevalence by Region



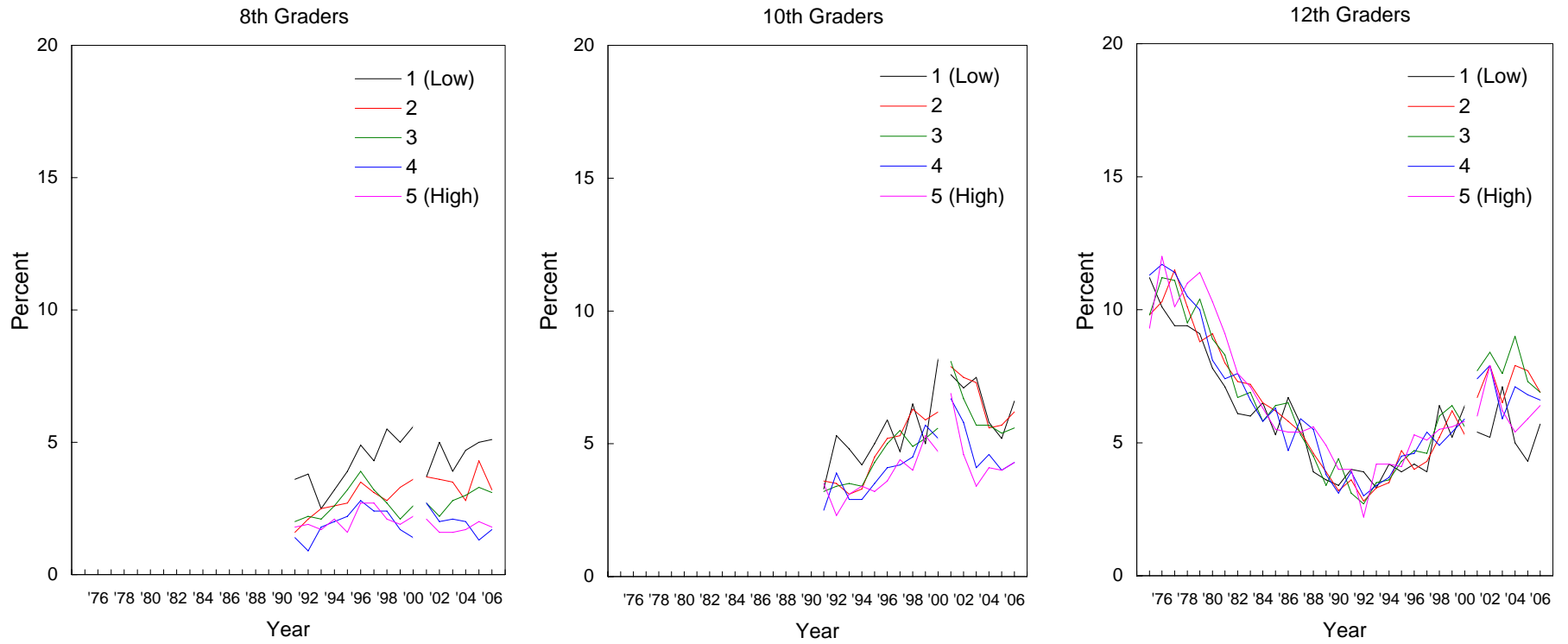
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

Tranquilizers:* Trends in Annual Prevalence by Population Density



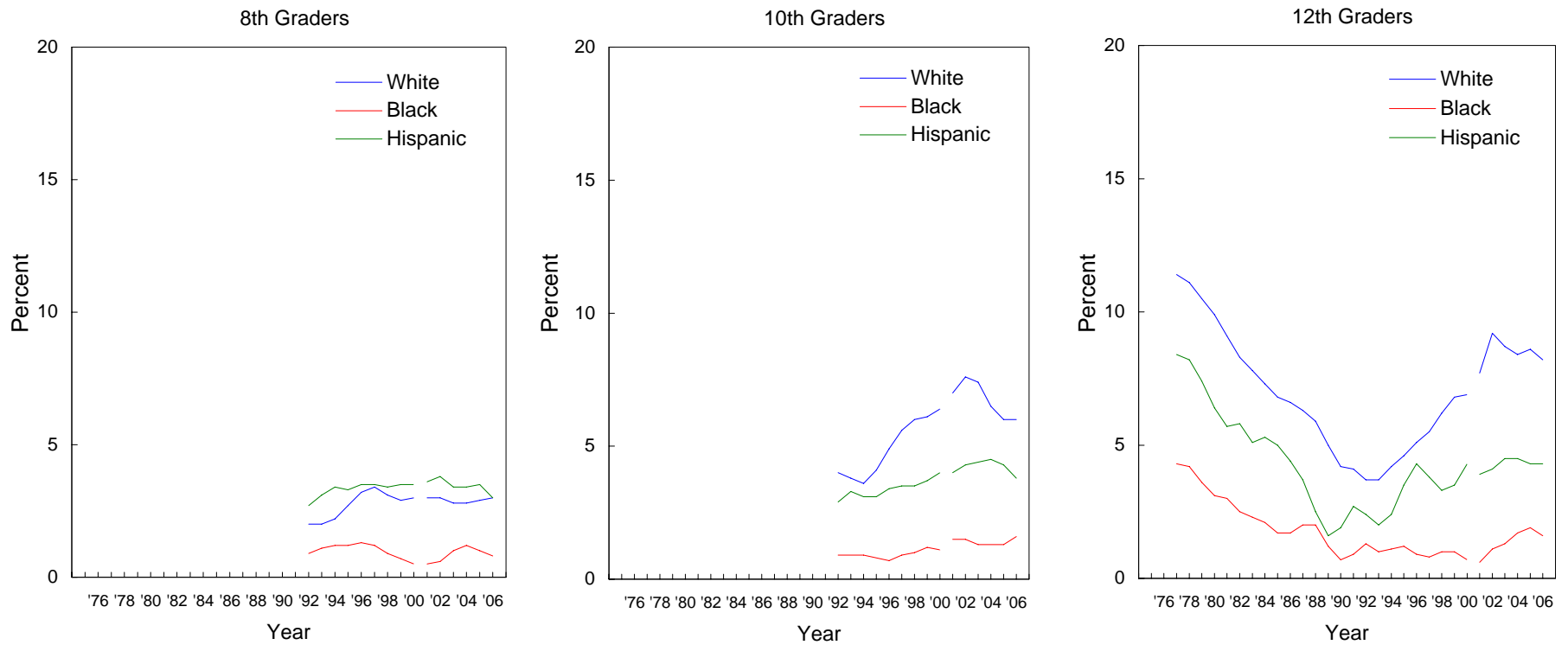
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

Tranquilizers:* Trends in Annual Prevalence by Parents' Average Education



*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

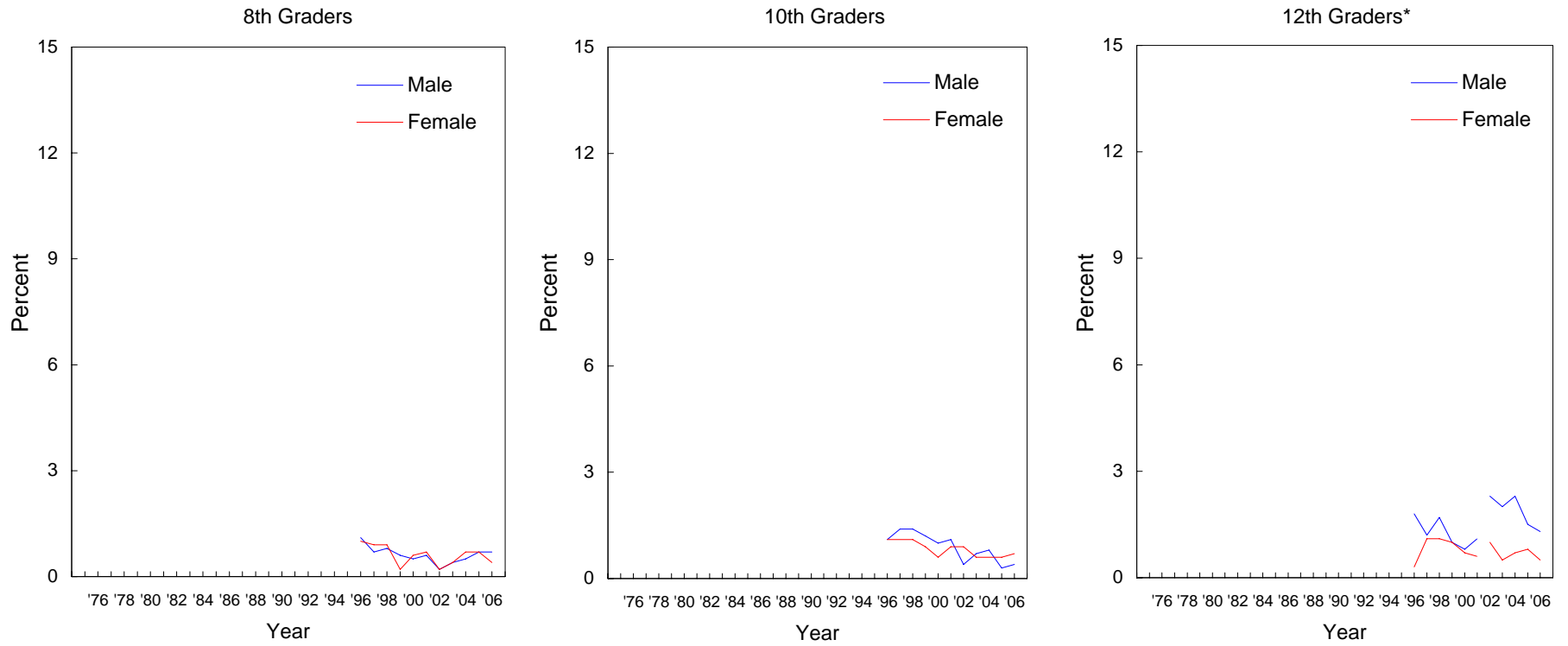
Tranquilizers:* Trends in Annual Prevalence by Race/Ethnicity**



*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

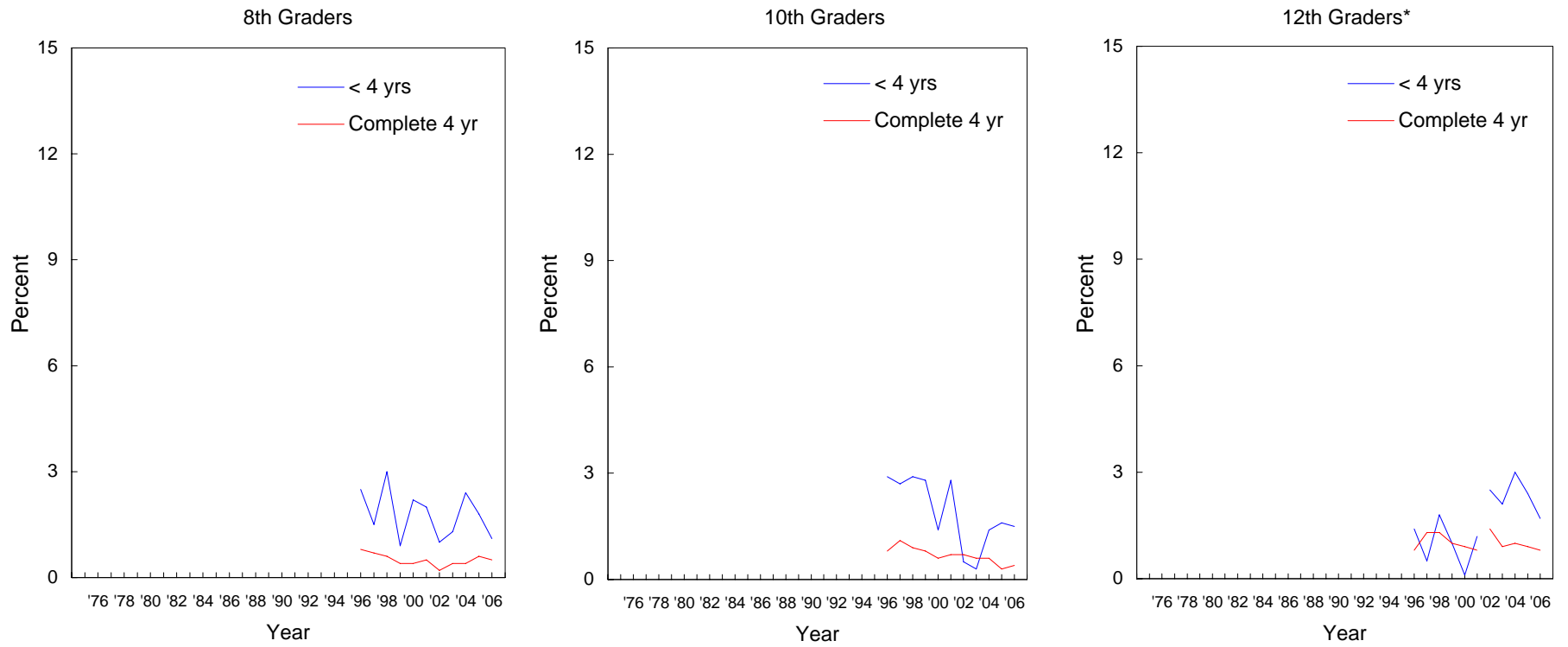
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Rohypnol: Trends in Annual Prevalence by Gender



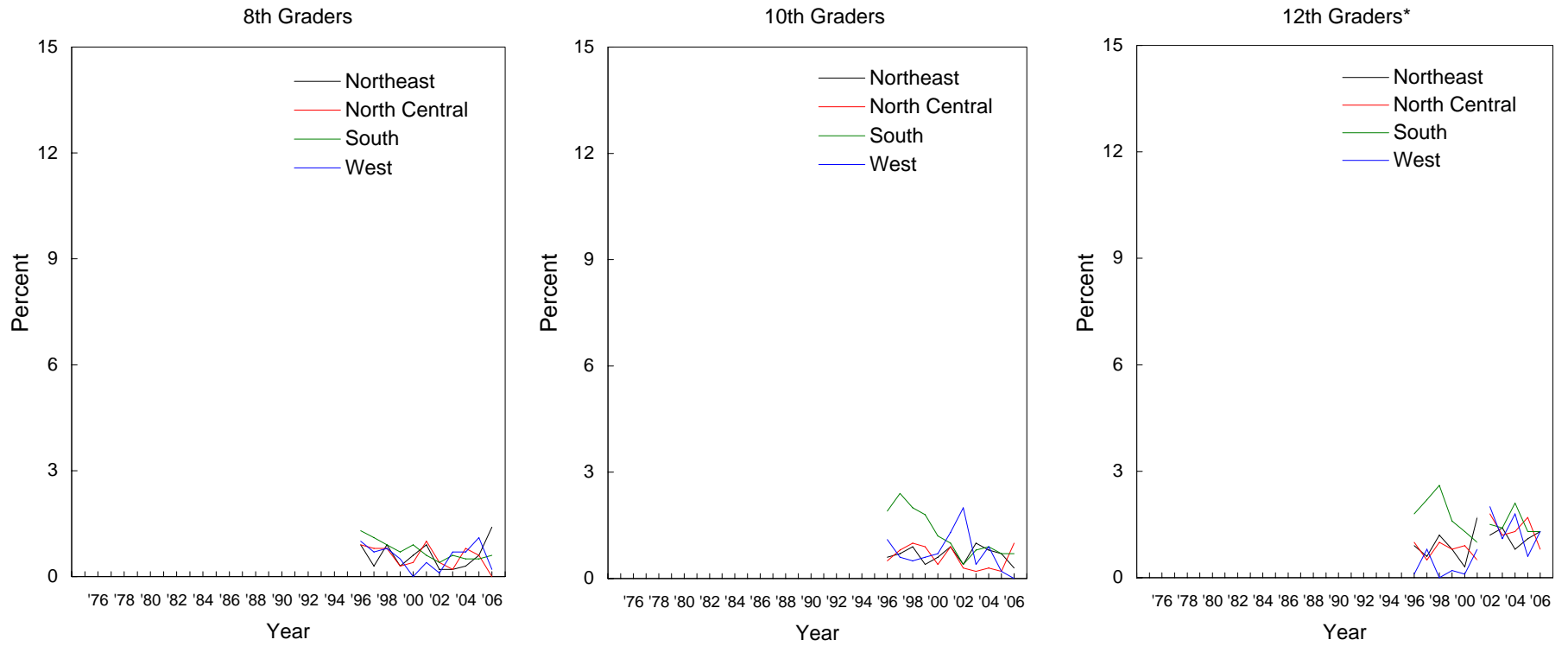
*The 2001 and 2002 data are not comparable due to changes in the questionnaire forms.

Rohypnol: Trends in Annual Prevalence by College Plans



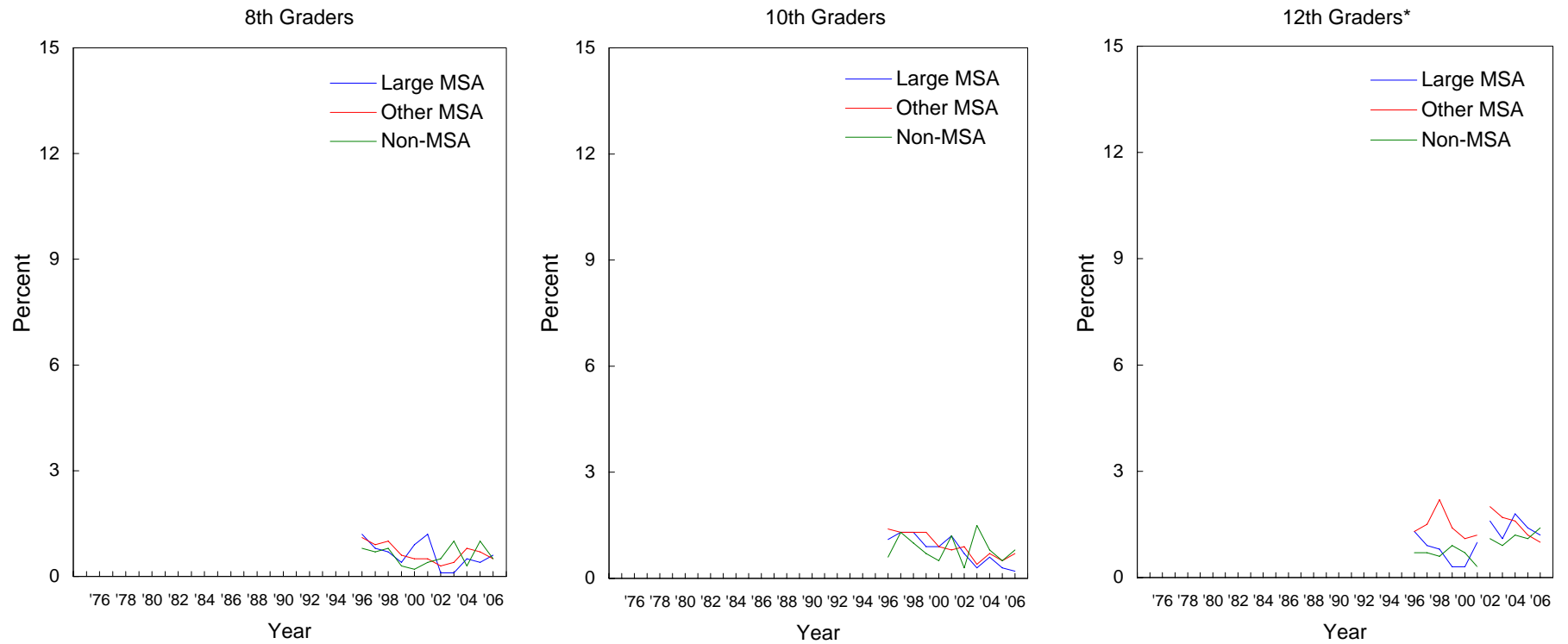
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Rohypnol: Trends in Annual Prevalence by Region



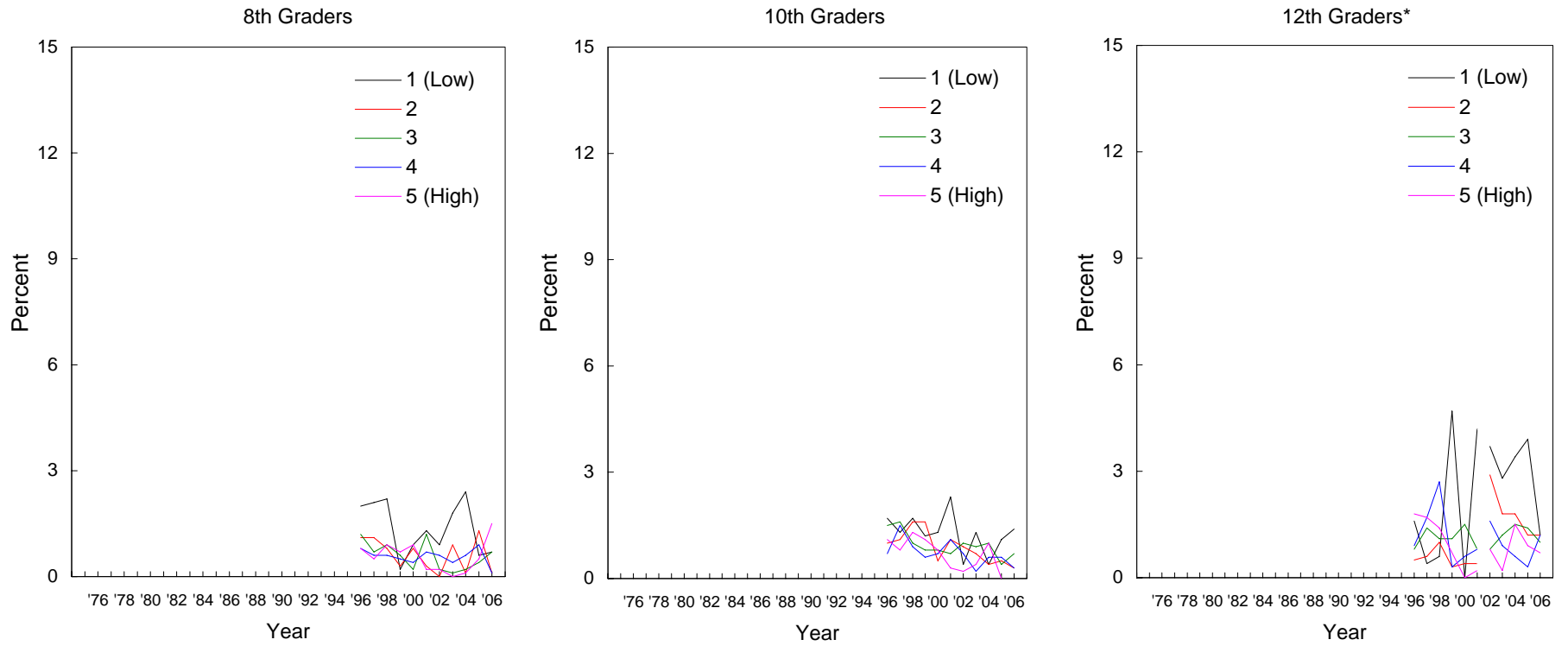
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Rohypnol: Trends in Annual Prevalence by Population Density



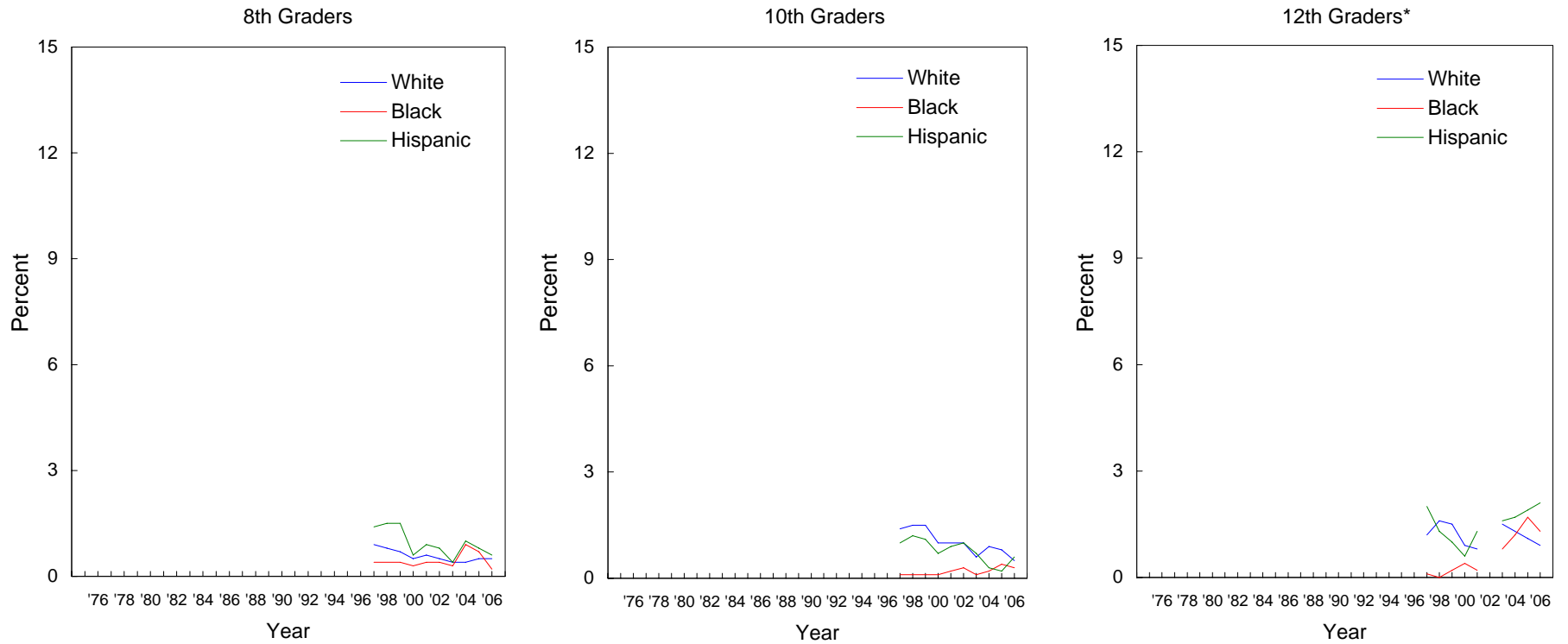
*The 2001 and 2002 data are not comparable due to changes in the questionnaire forms.

Rohypnol: Trends in Annual Prevalence by Parents' Average Education



*The 2001 and 2002 data are not comparable due to changes in the questionnaire forms.

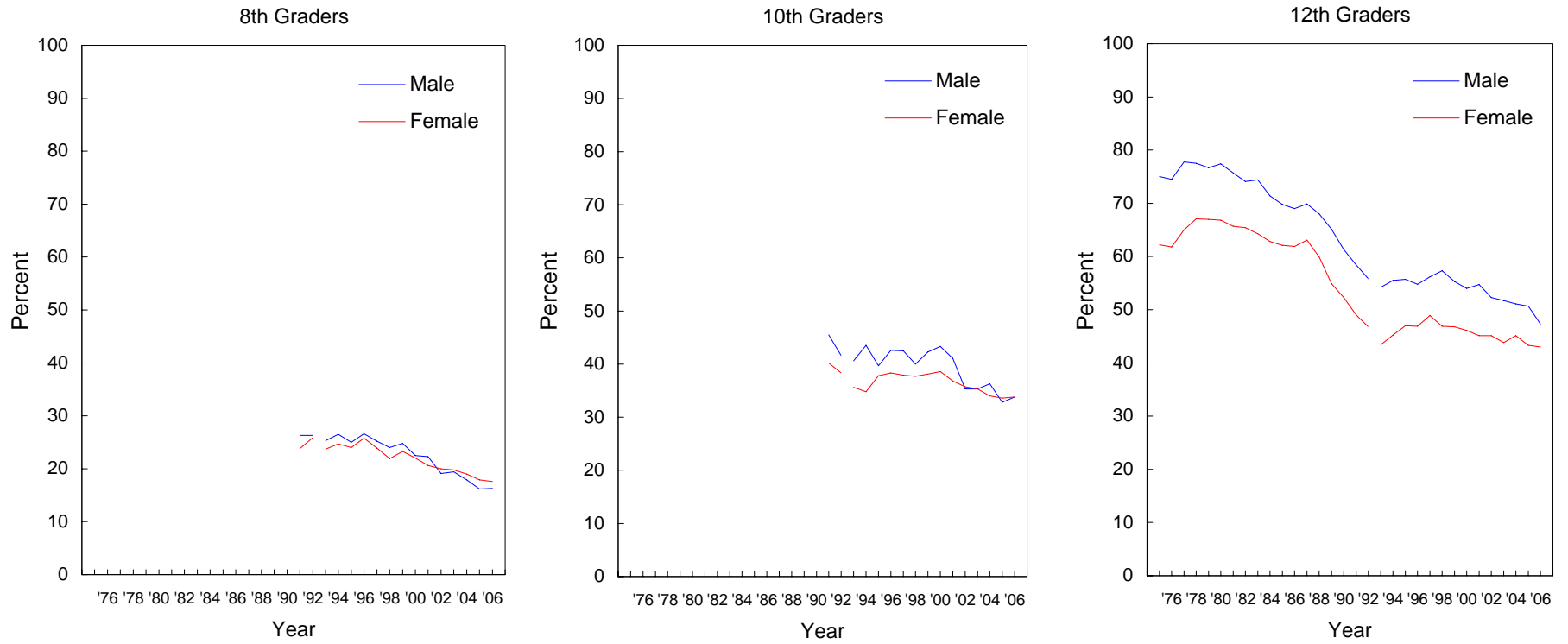
Rohypnol: Trends in Annual Prevalence by Race/Ethnicity**



*The 2001 and 2003 data are not comparable due to changes in the questionnaire forms.

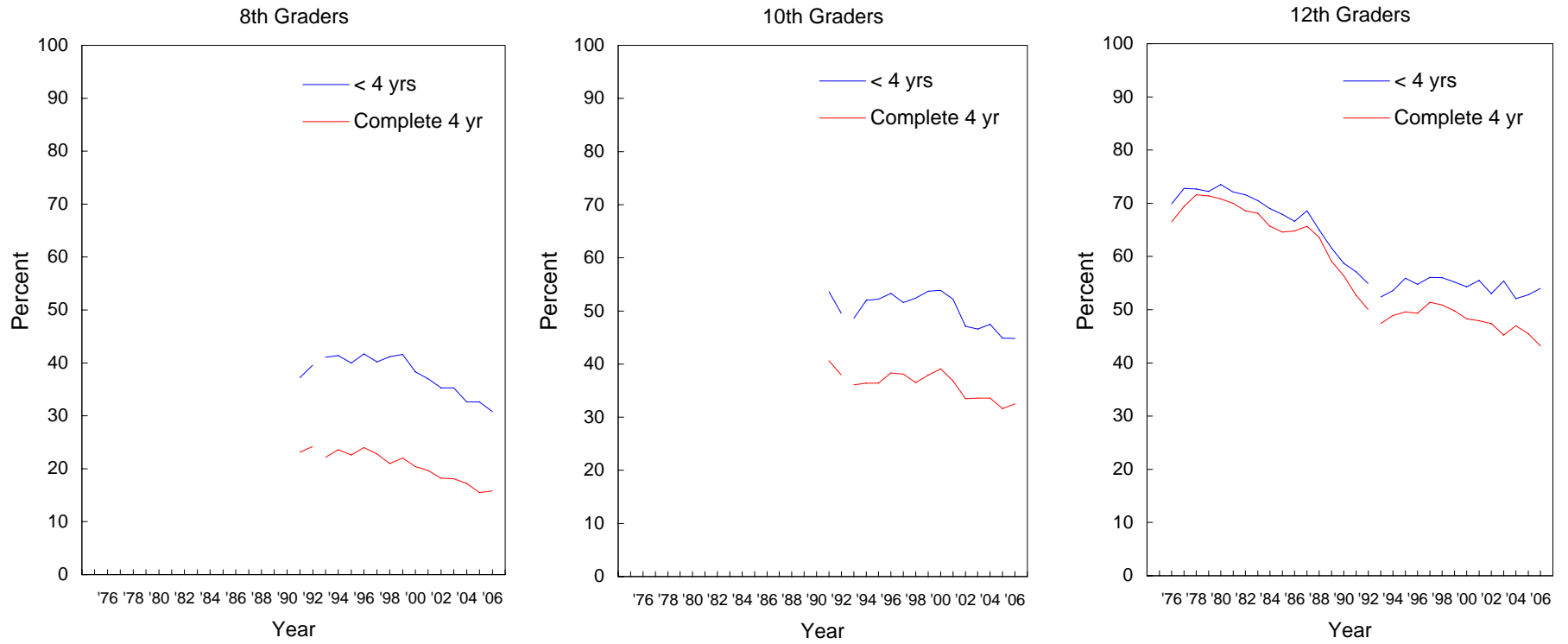
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Alcohol:* Trends in 30-Day Prevalence by Gender



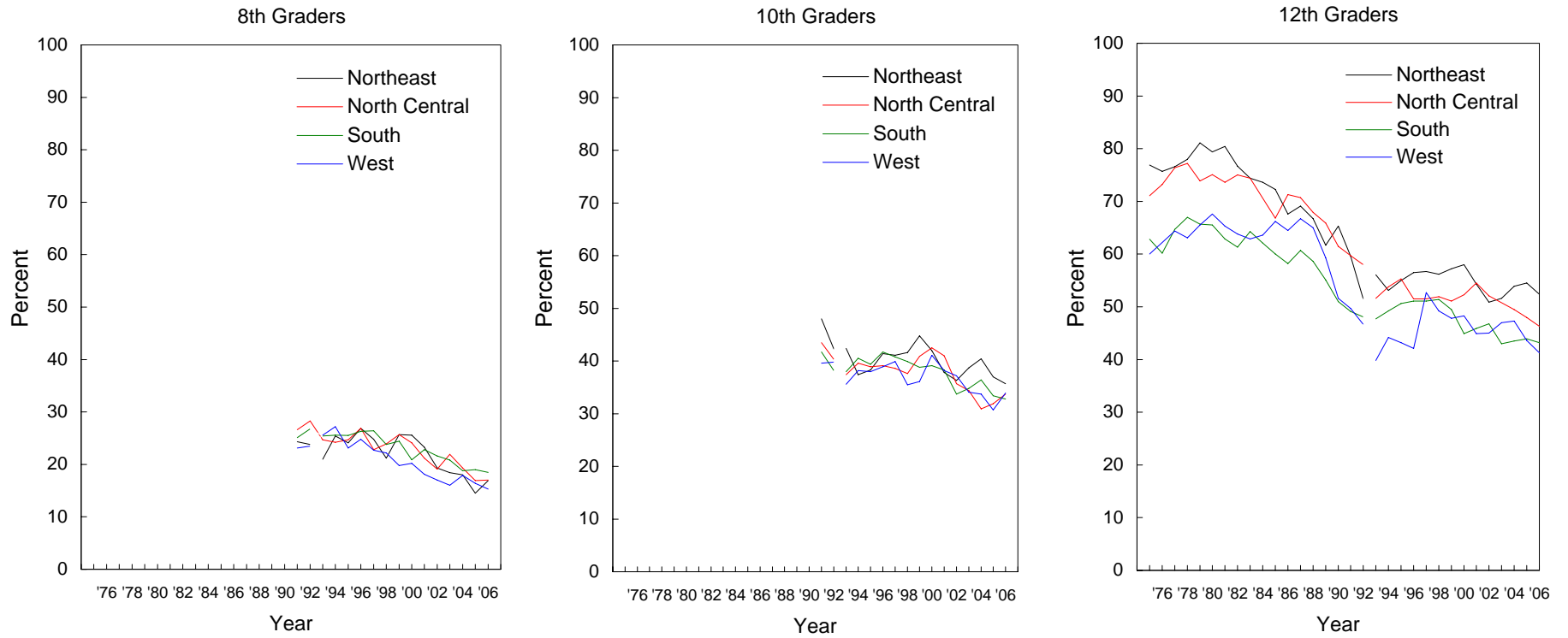
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

Alcohol:* Trends in 30-Day Prevalence by College Plans



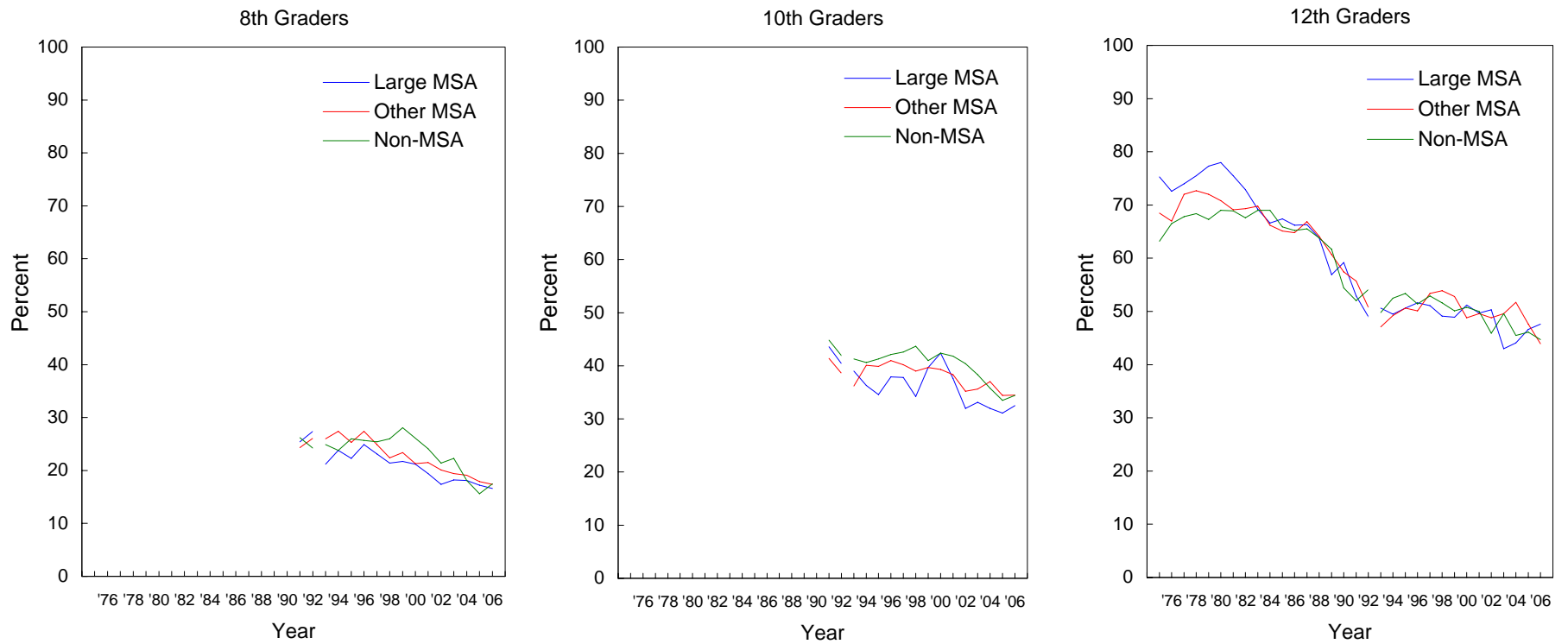
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

Alcohol:* Trends in 30-Day Prevalence by Region



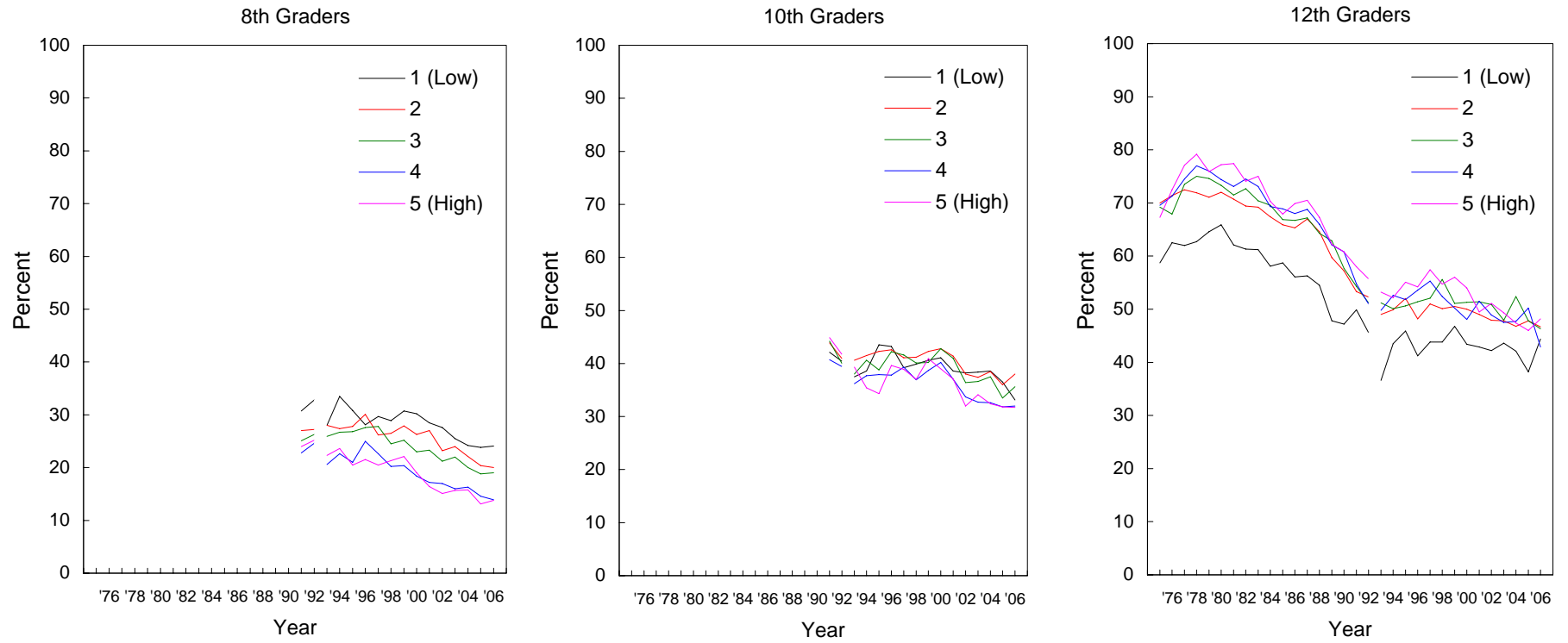
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

Alcohol:* Trends in 30-Day Prevalence by Population Density



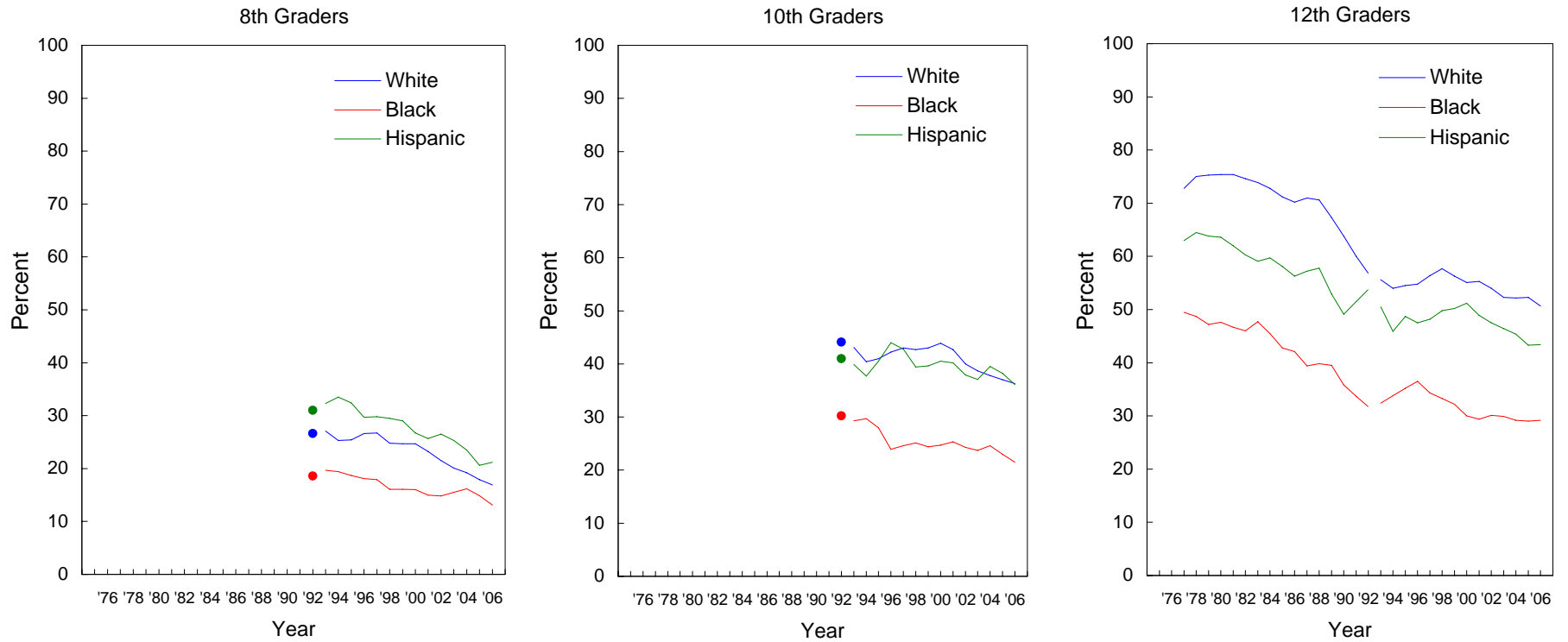
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

Alcohol:* Trends in 30-Day Prevalence by Parents' Average Education



*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

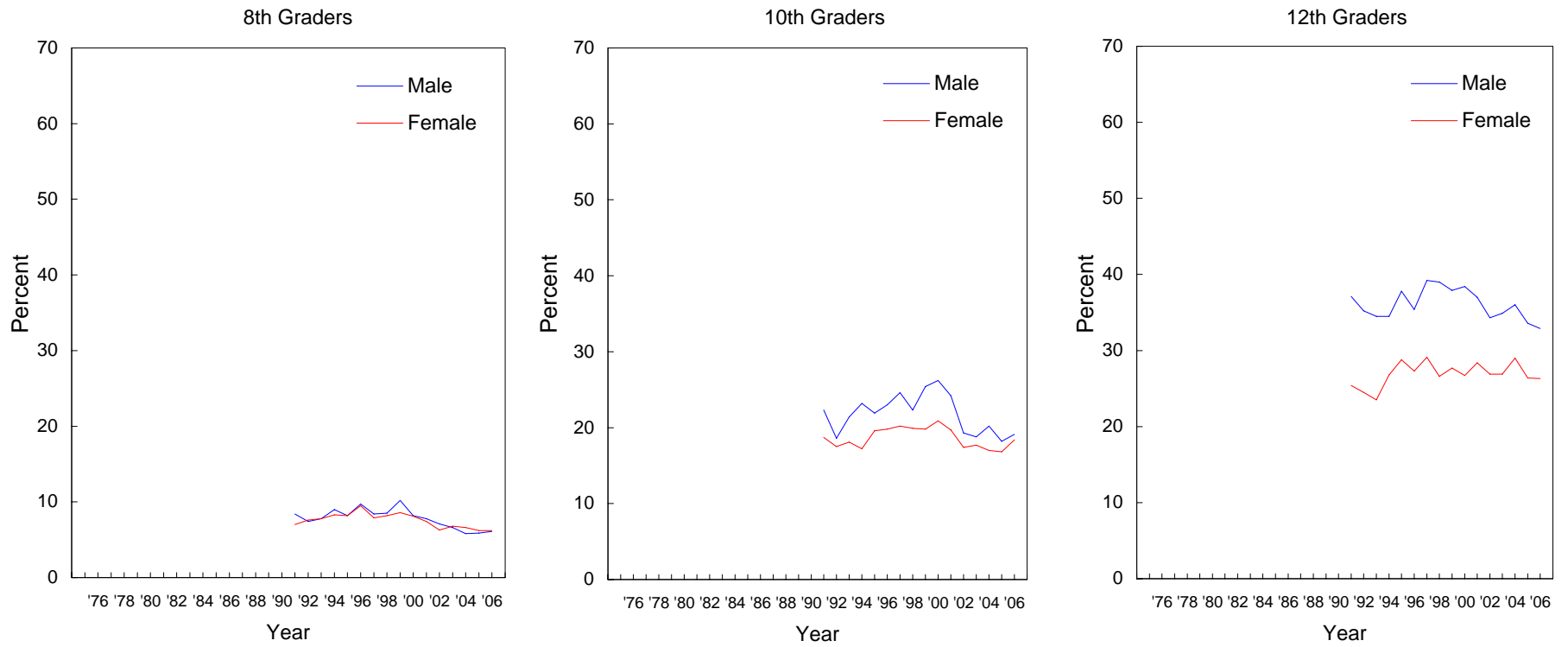
Alcohol:* Trends in 30-Day Prevalence by Race/Ethnicity**



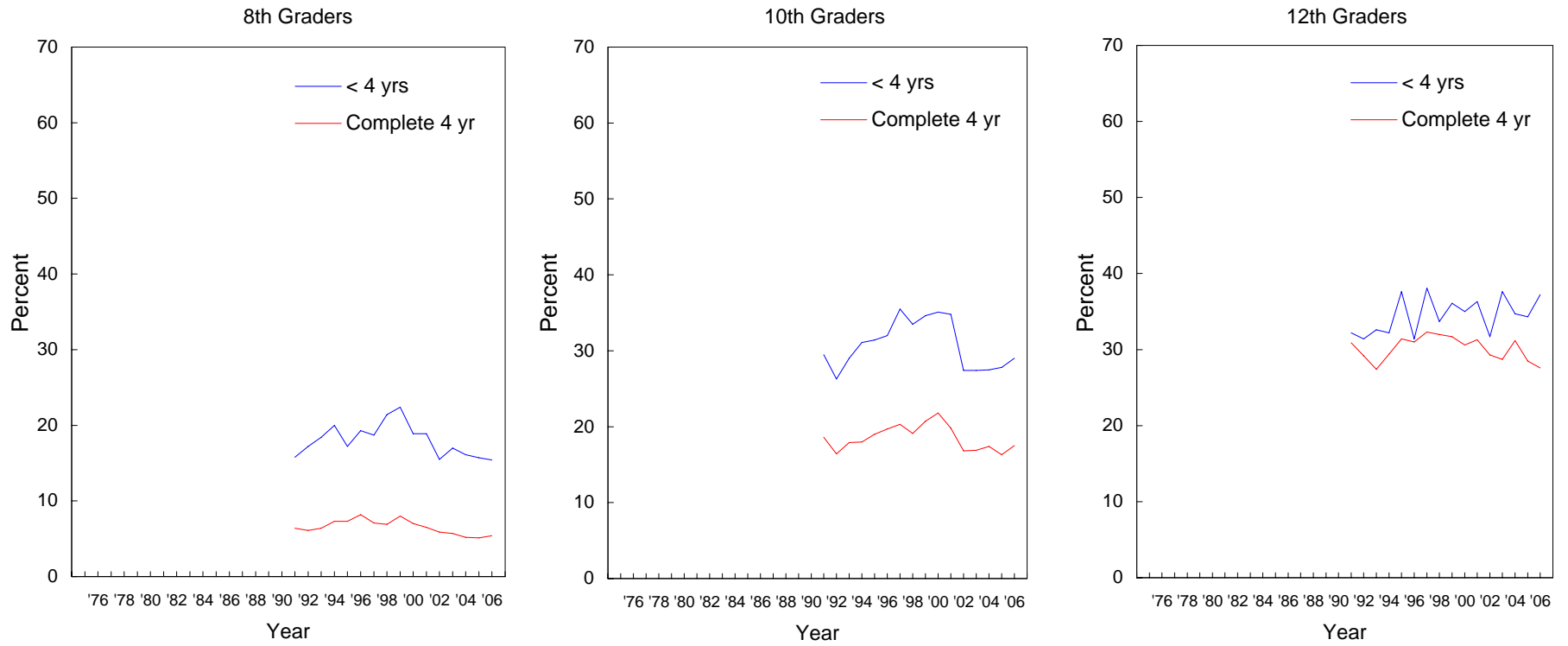
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

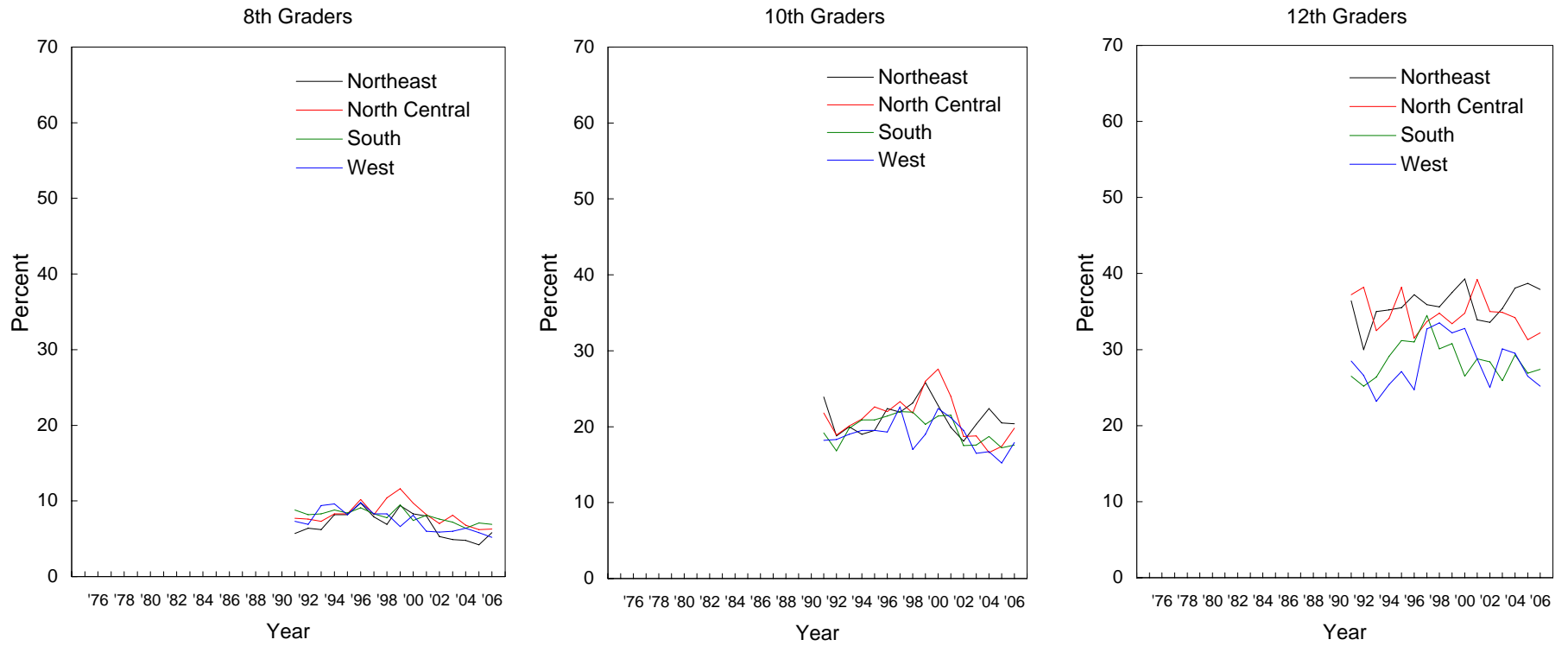
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Gender



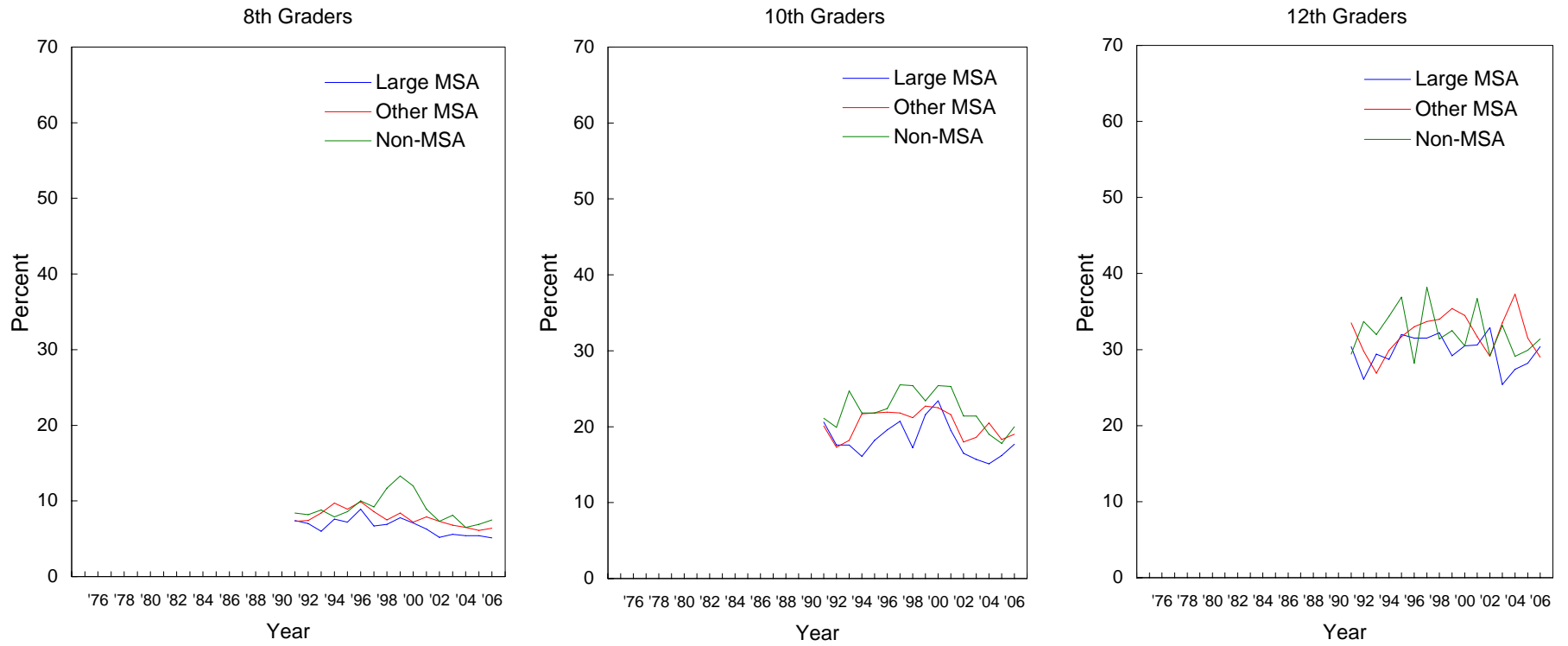
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by College Plans



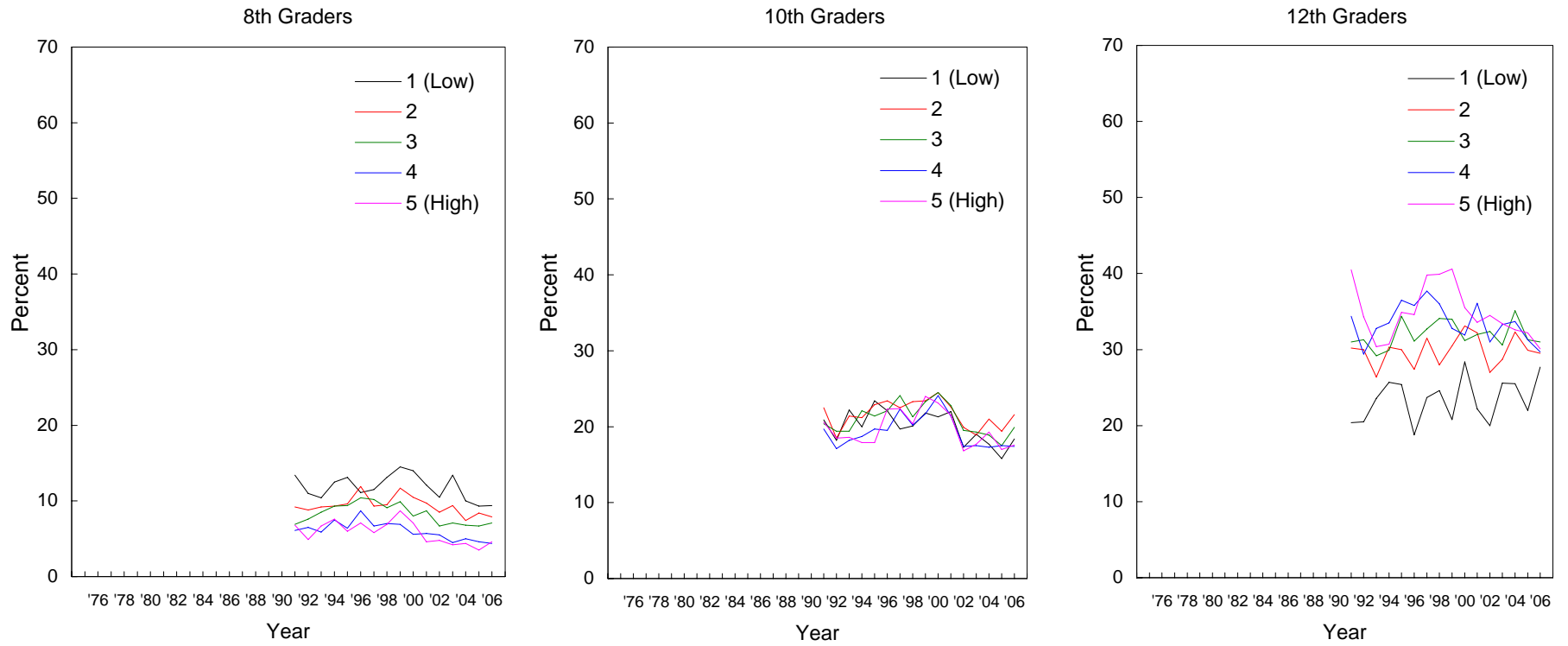
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Region



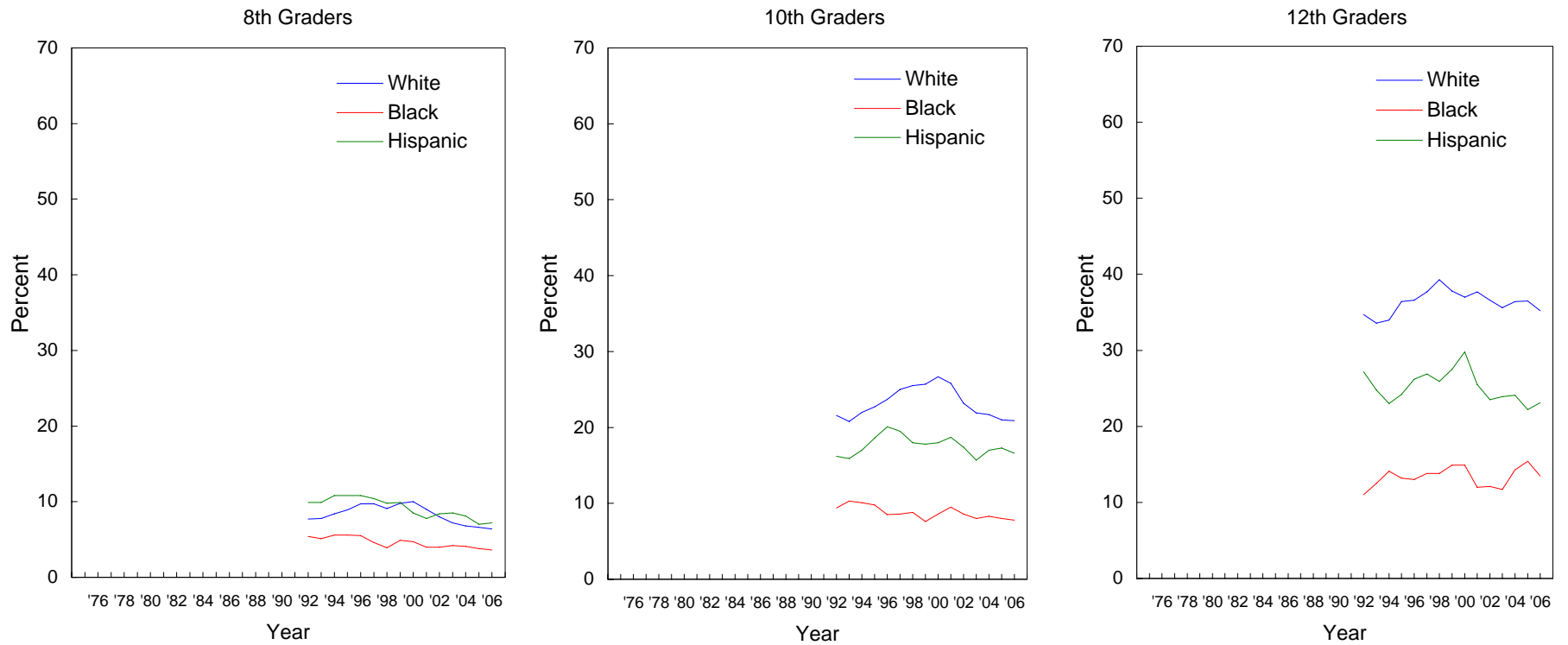
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Population Density



Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Parents' Average Education

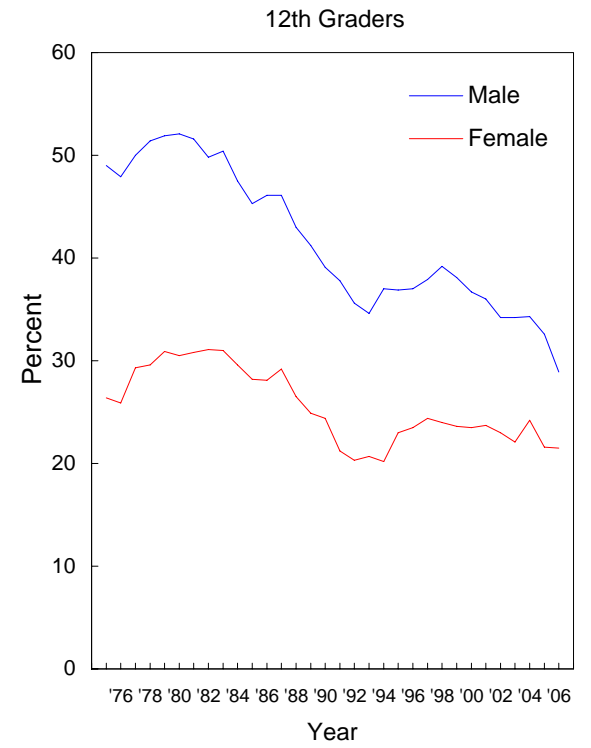
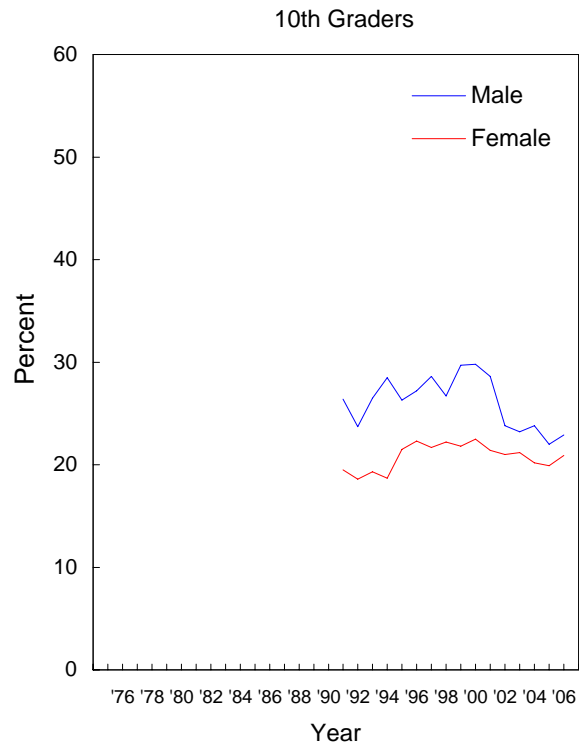
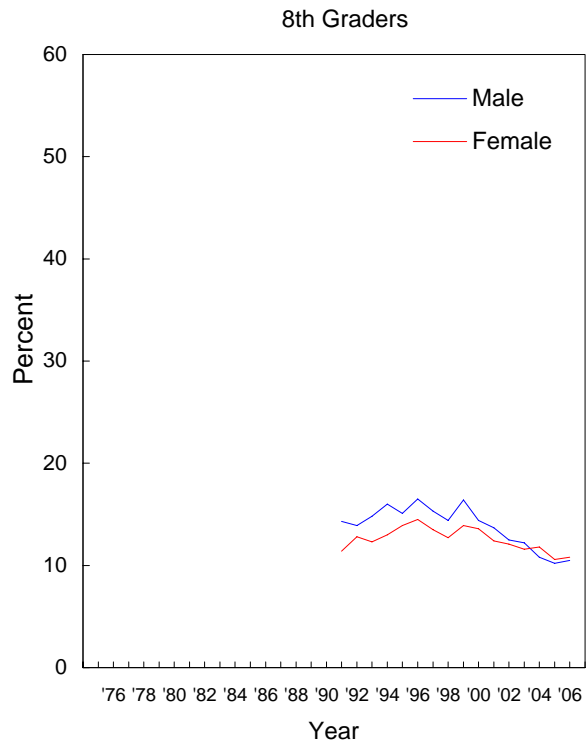


Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Race/Ethnicity*

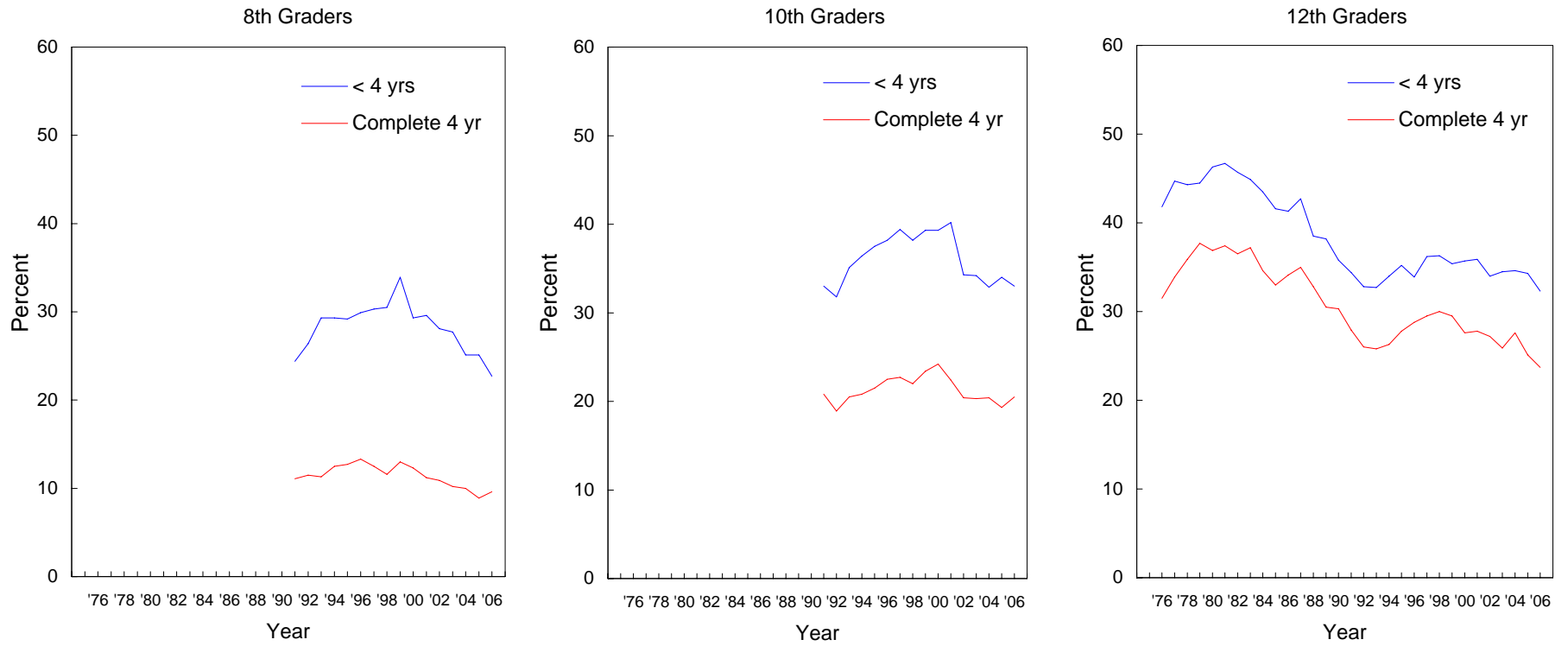


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

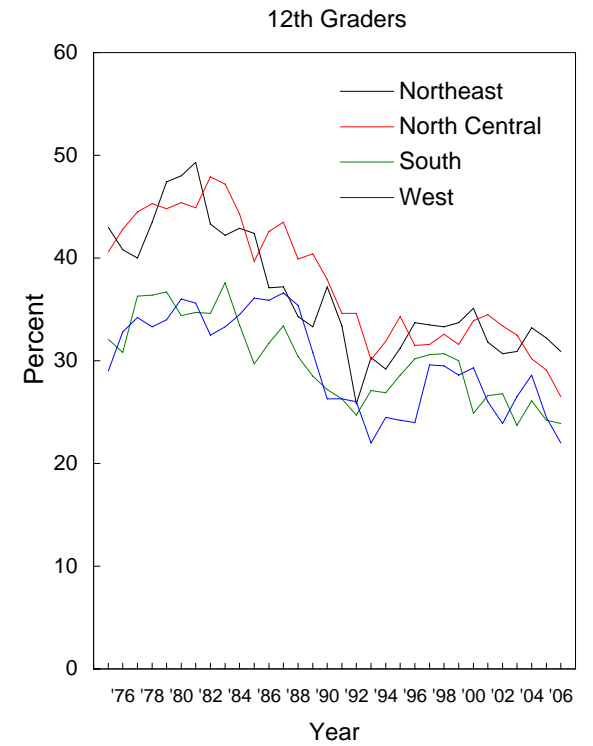
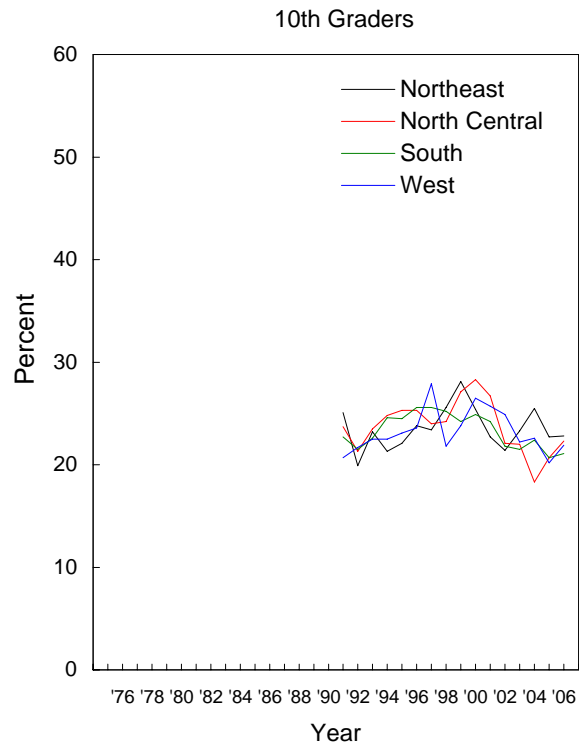
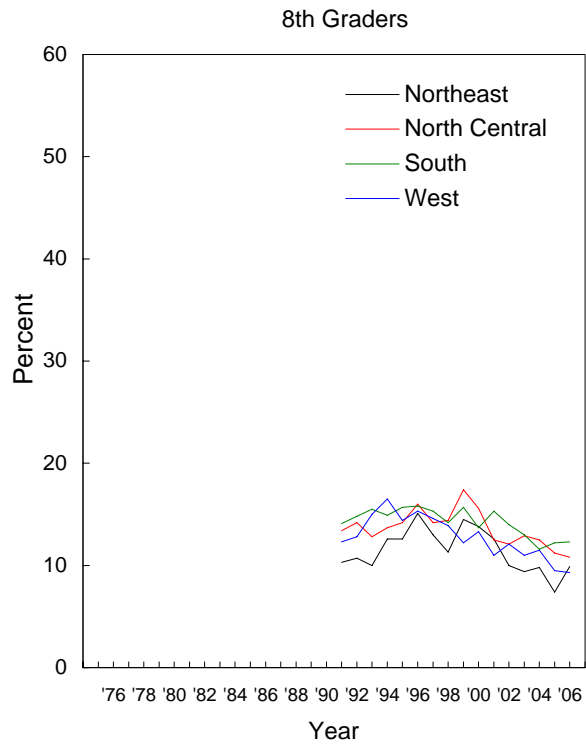
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Gender



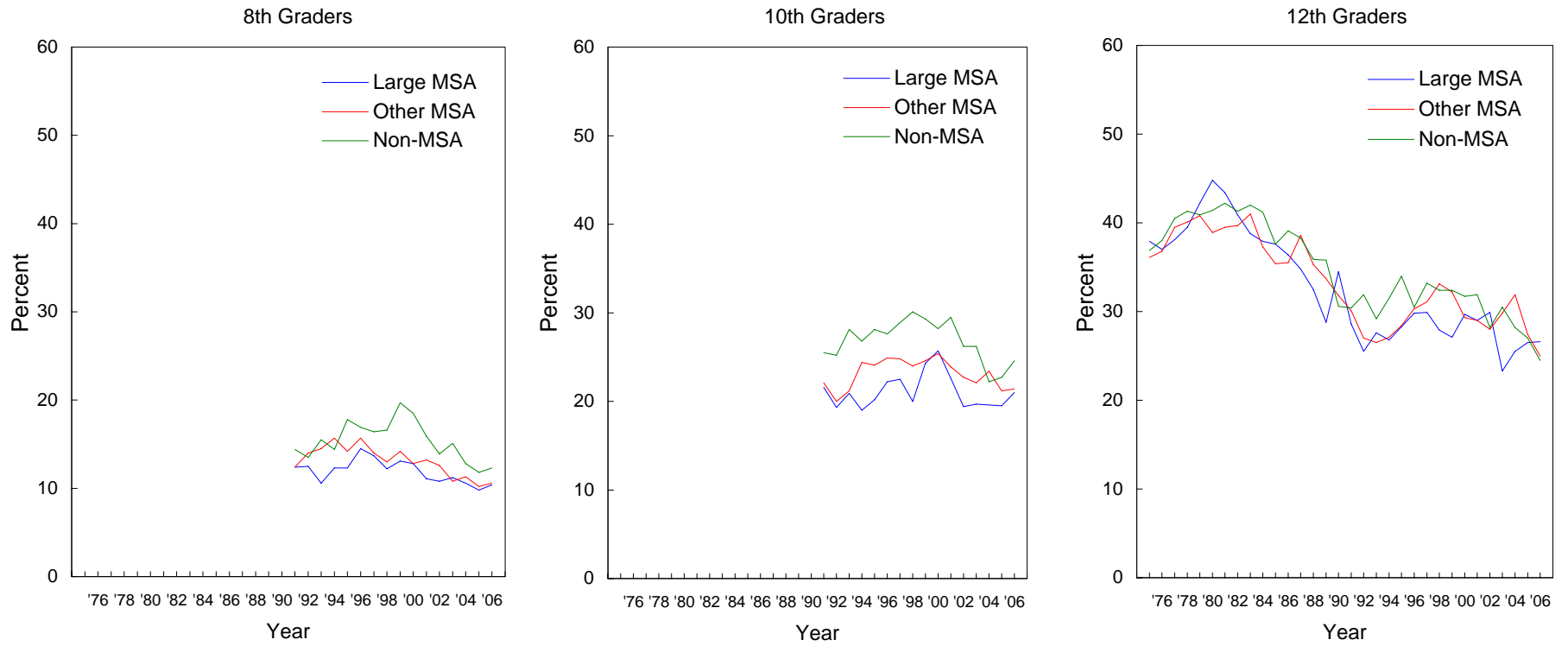
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by College Plans



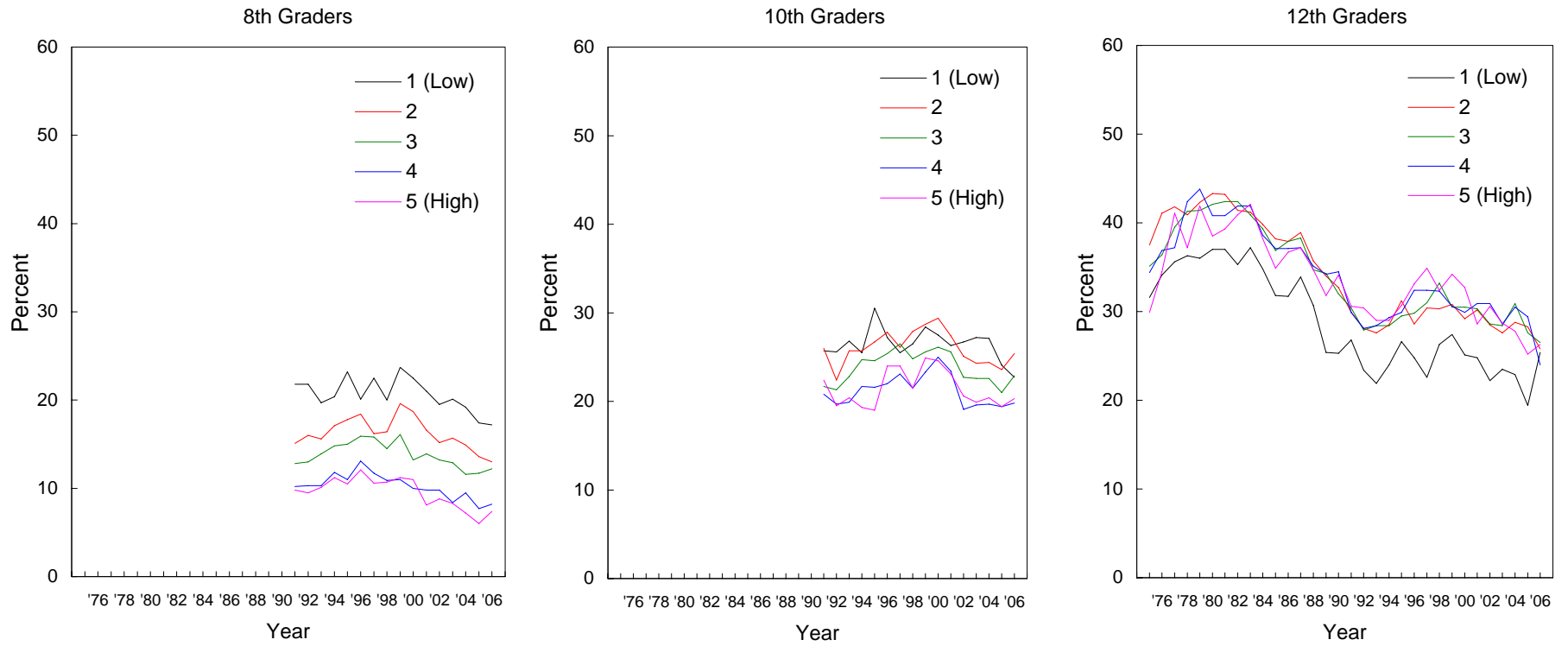
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Region



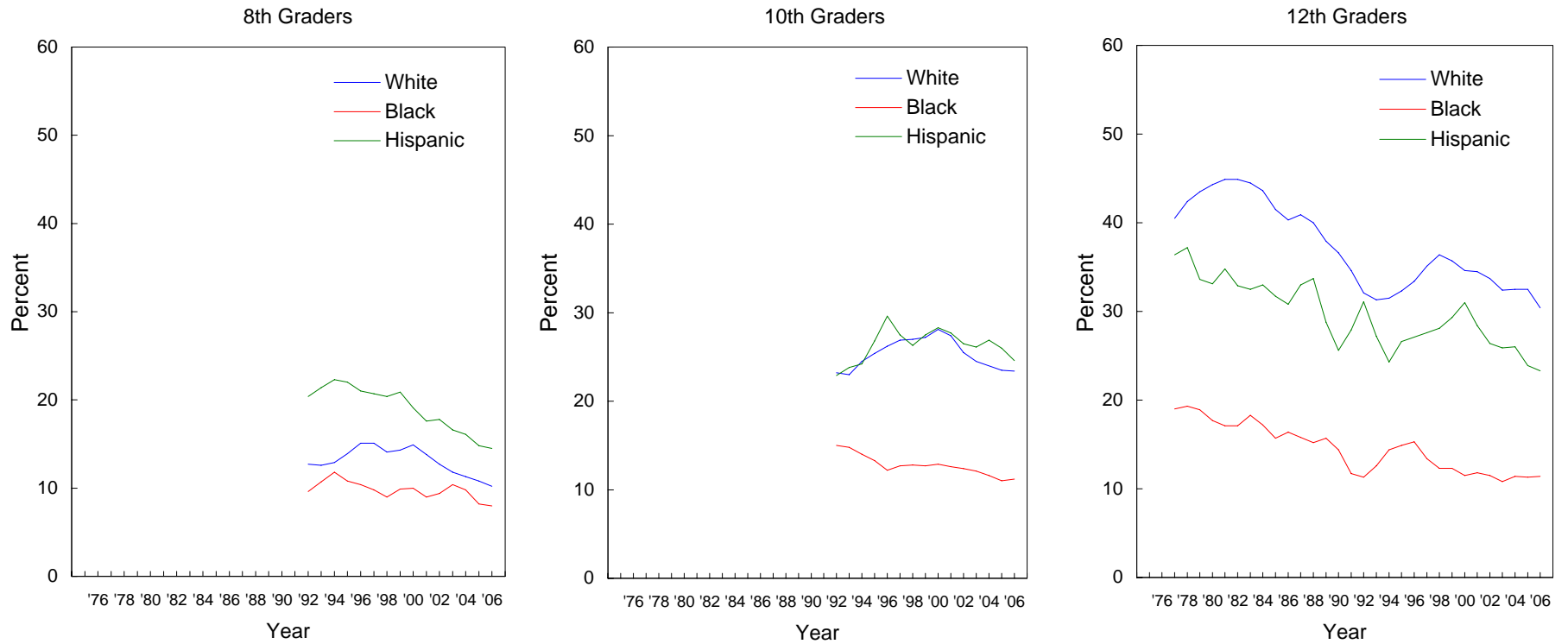
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Population Density



Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Parents' Average Education

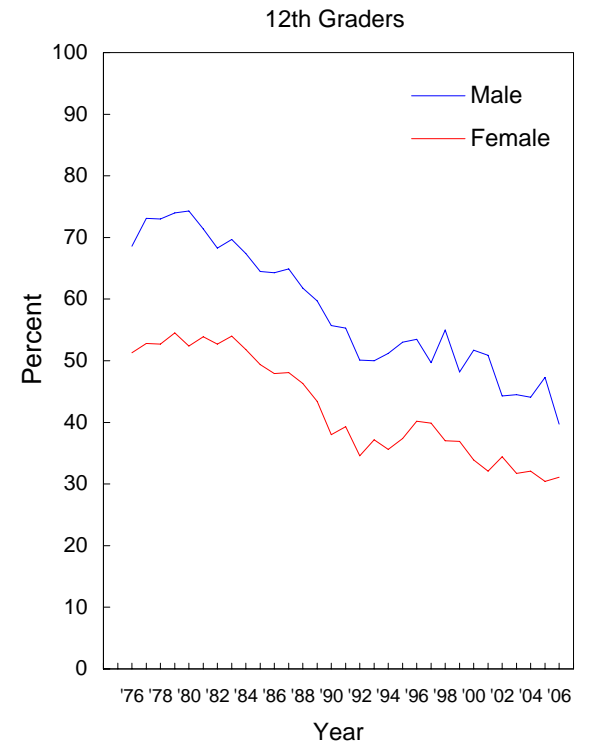
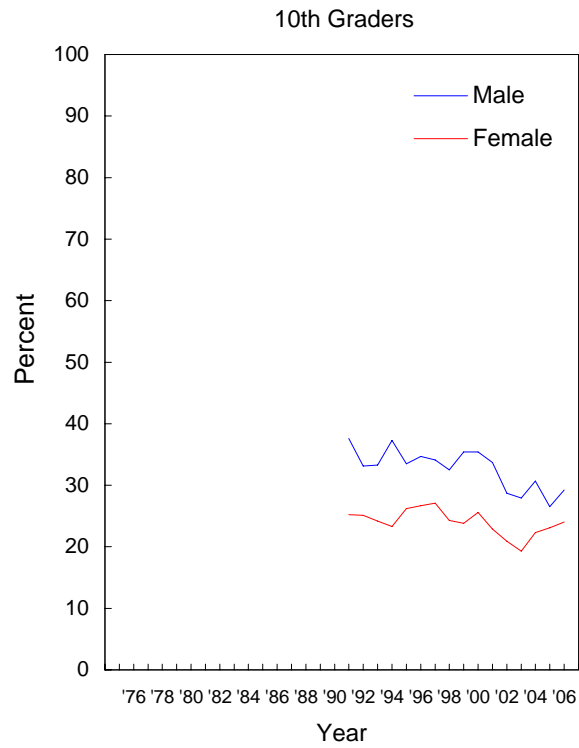
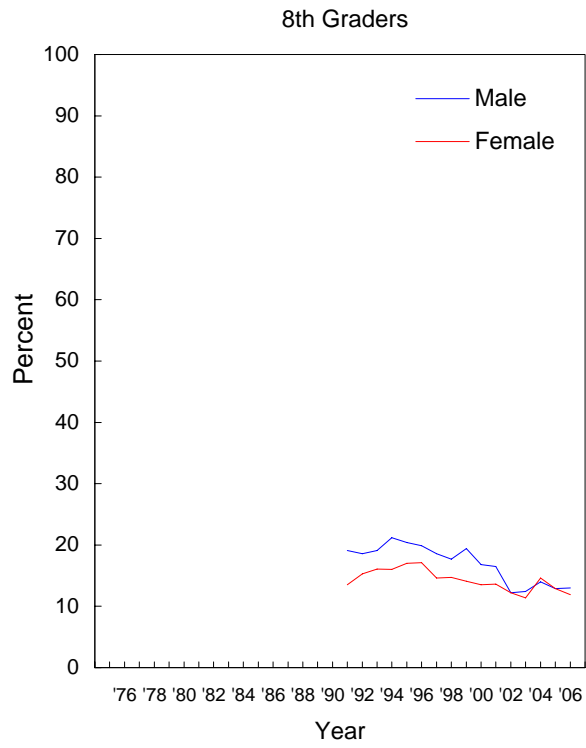


Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Race/Ethnicity*

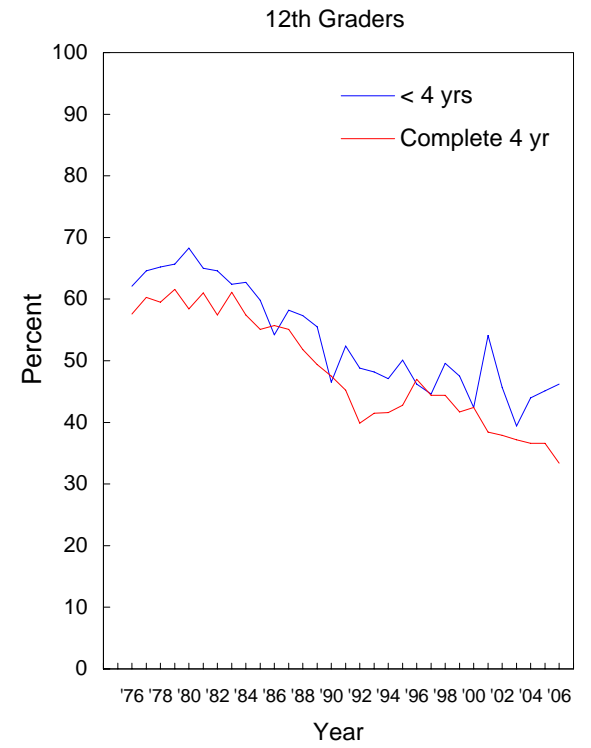
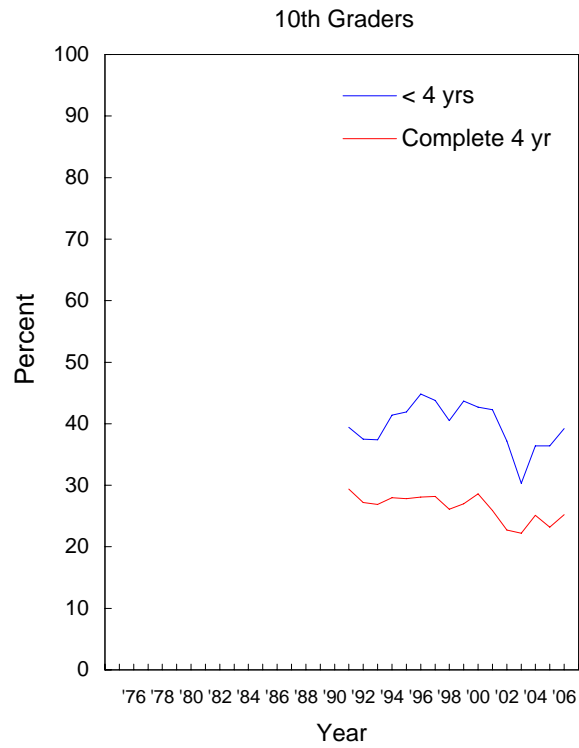
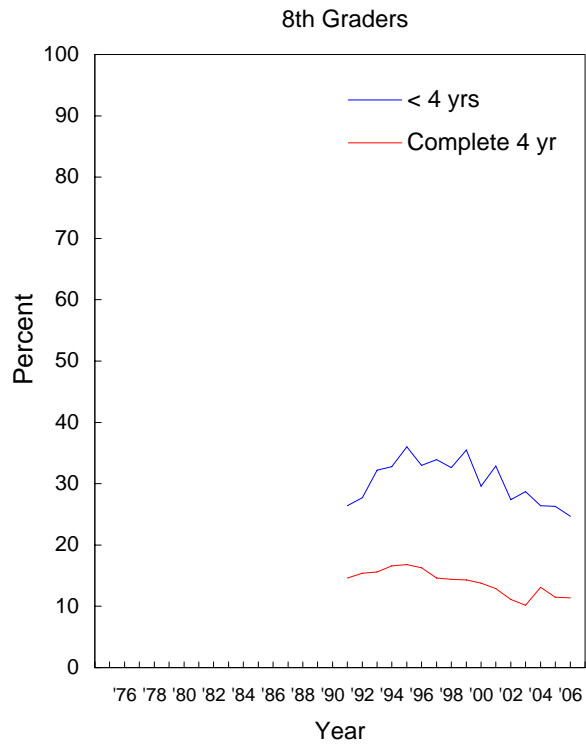


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

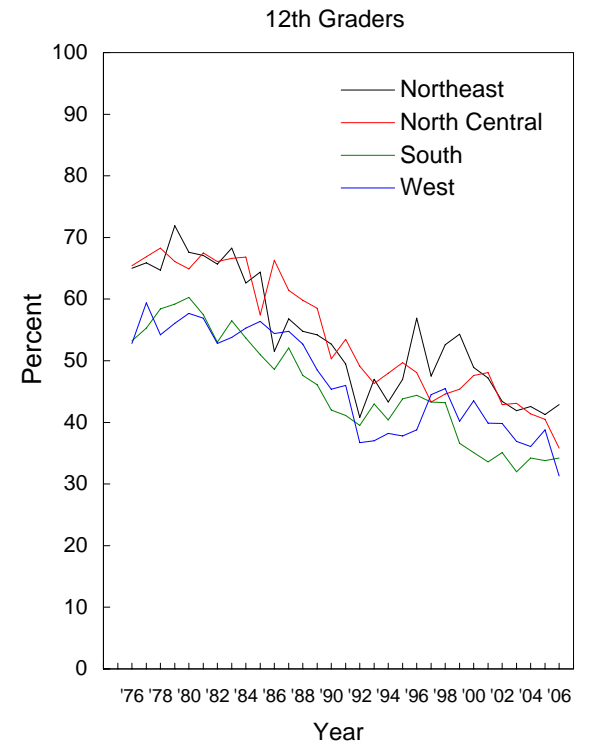
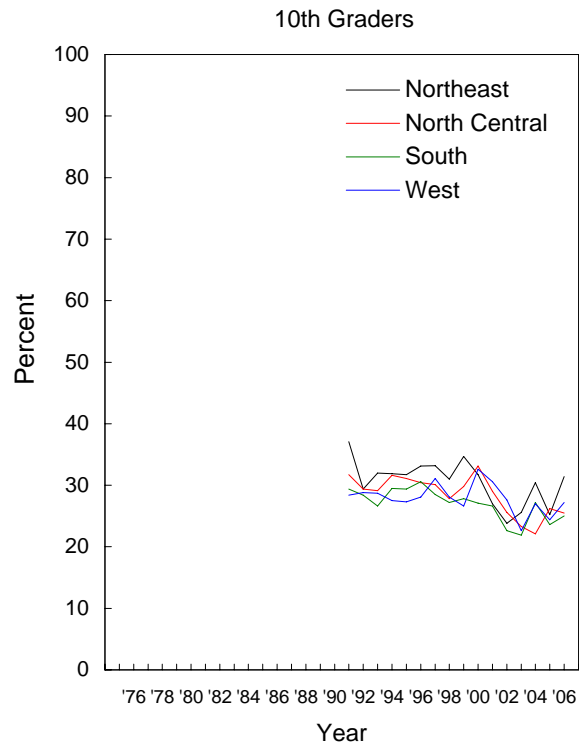
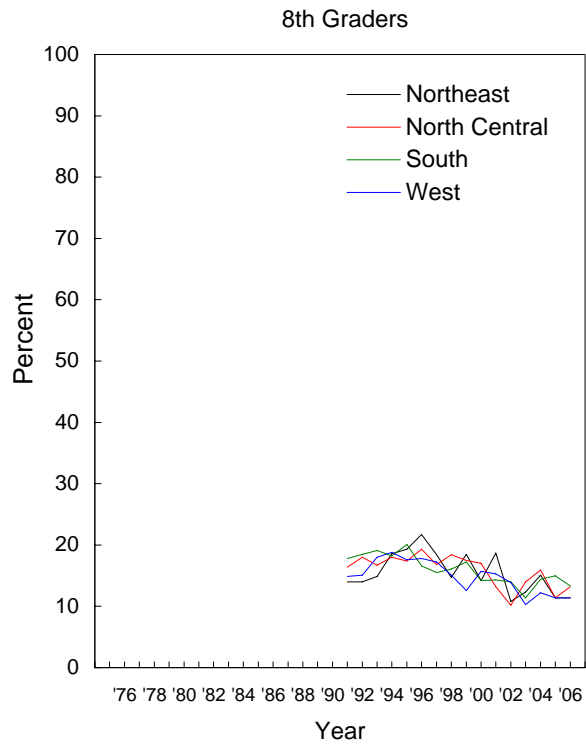
Beer: Trends in 30-Day Prevalence by Gender



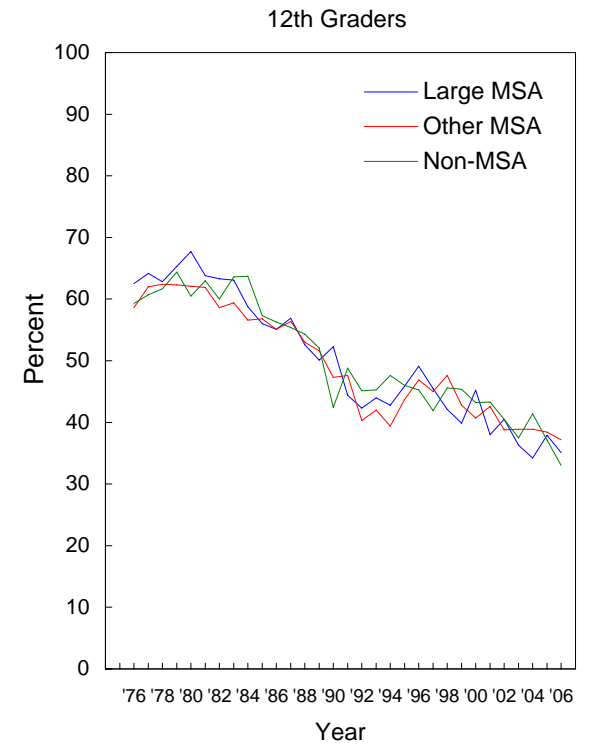
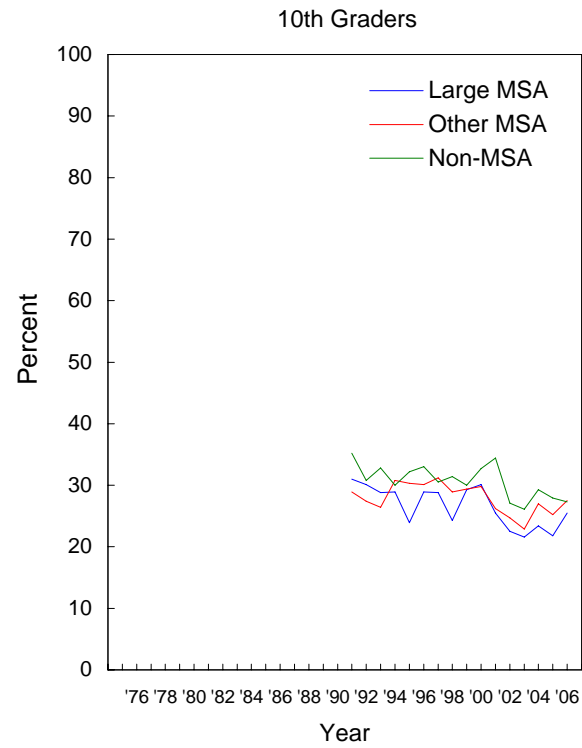
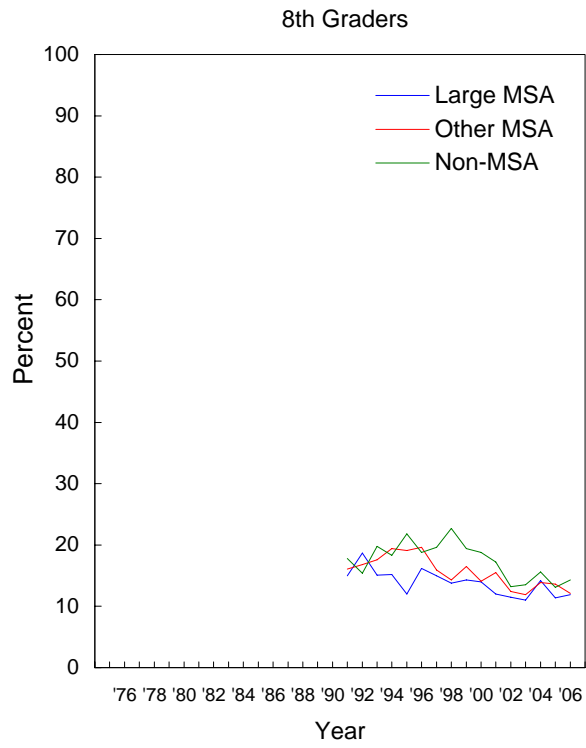
Beer: Trends in 30-Day Prevalence by College Plans



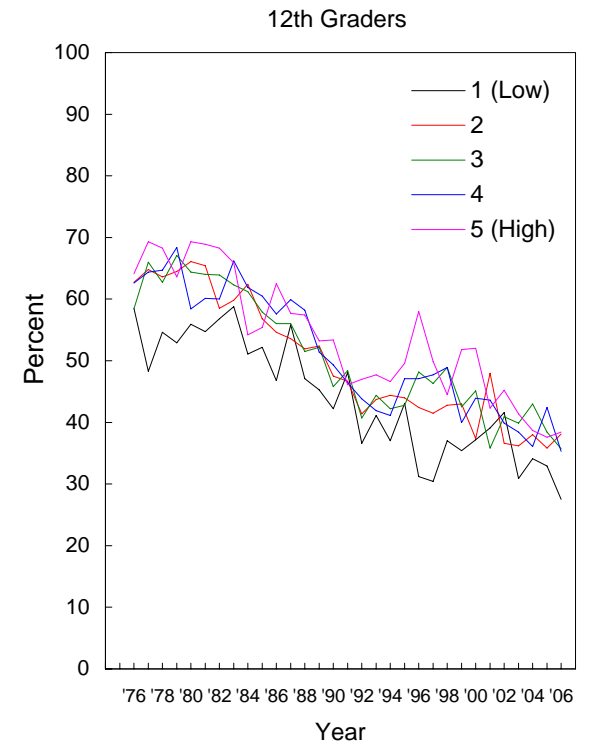
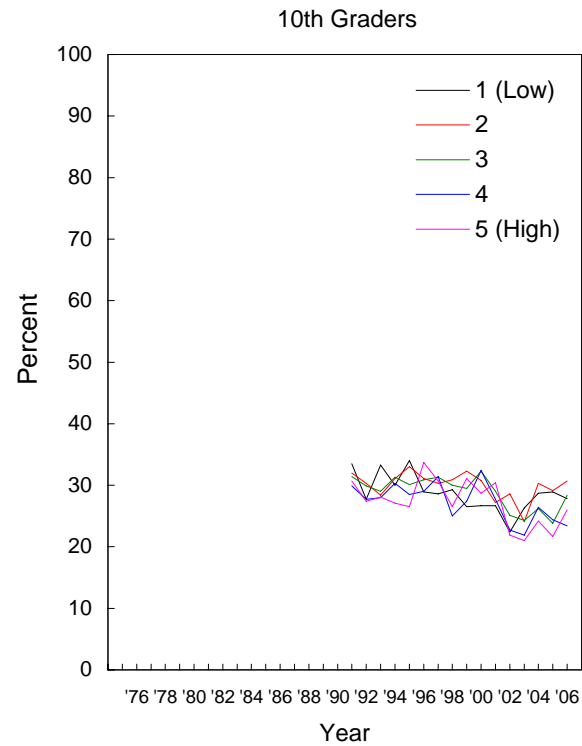
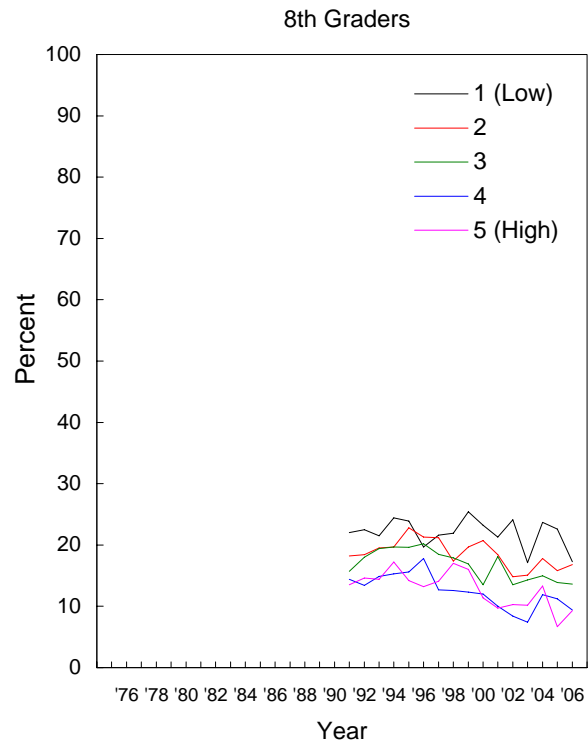
Beer: Trends in 30-Day Prevalence by Region



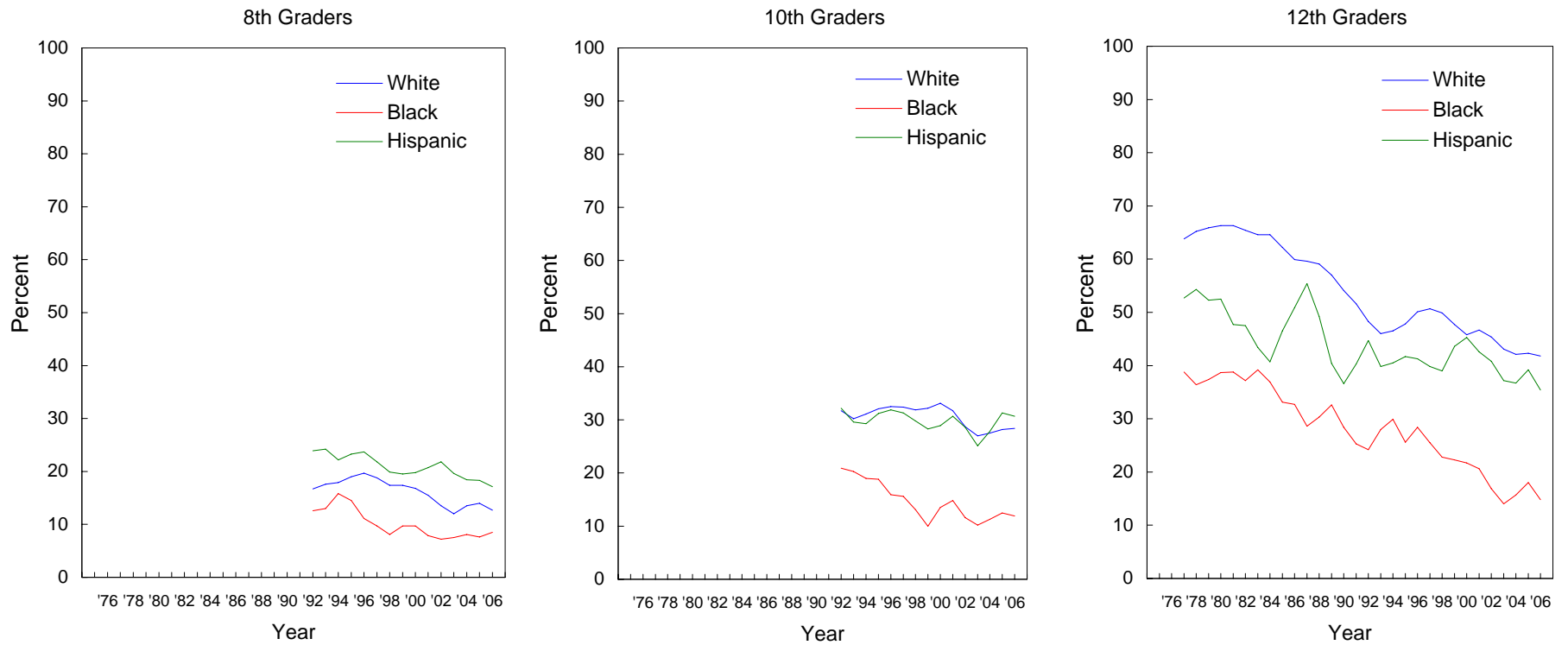
Beer: Trends in 30-Day Prevalence by Population Density



Beer: Trends in 30-Day Prevalence by Parents' Average Education

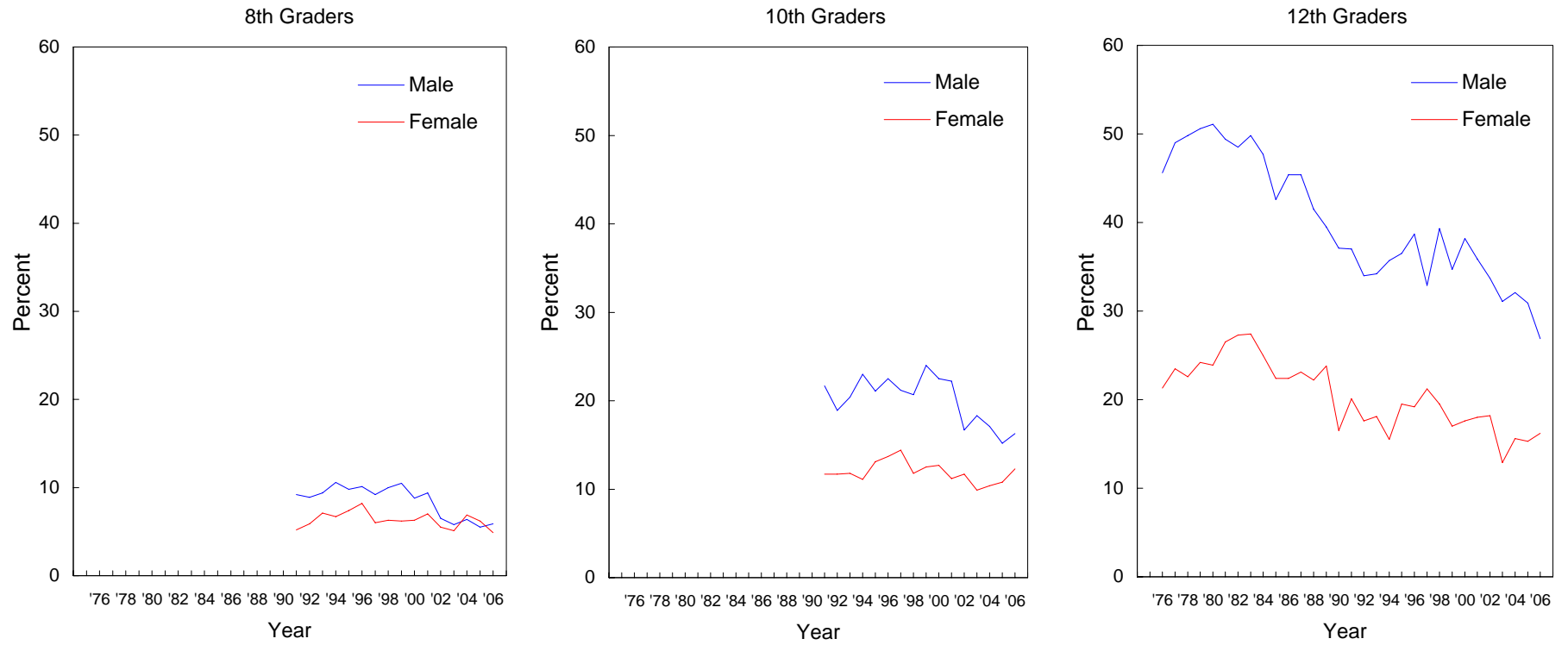


Beer: Trends in 30-Day Prevalence by Race/Ethnicity*

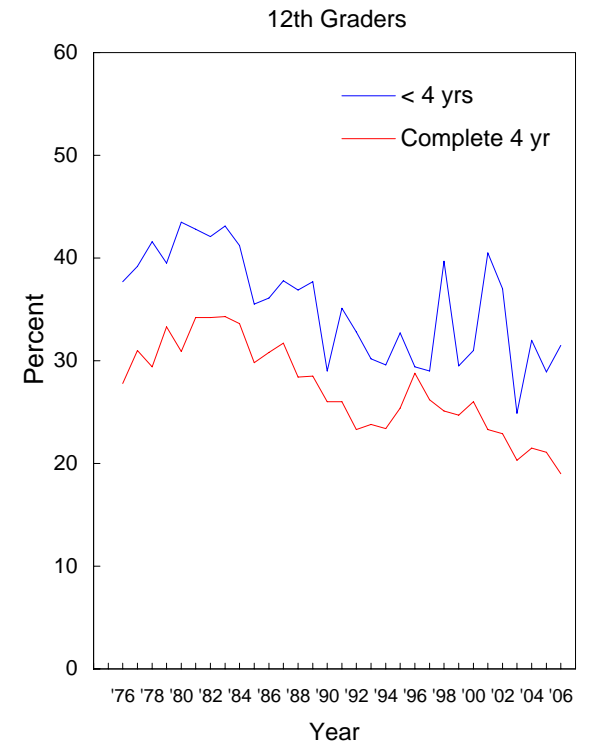
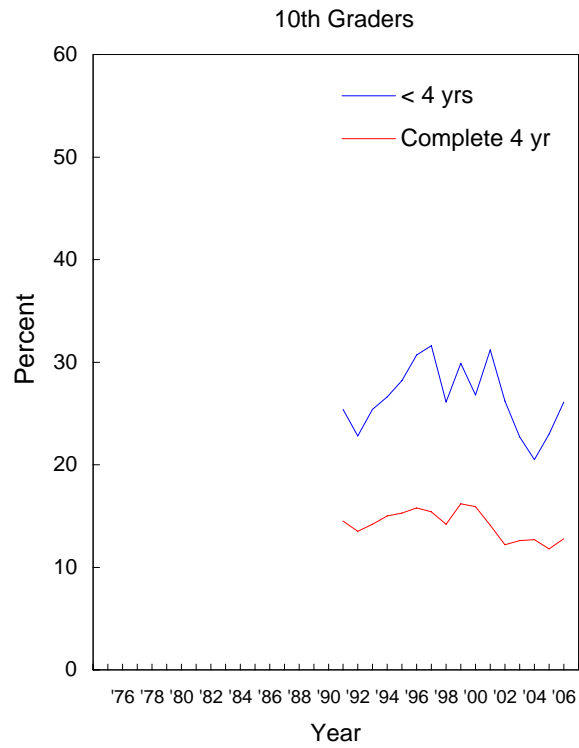
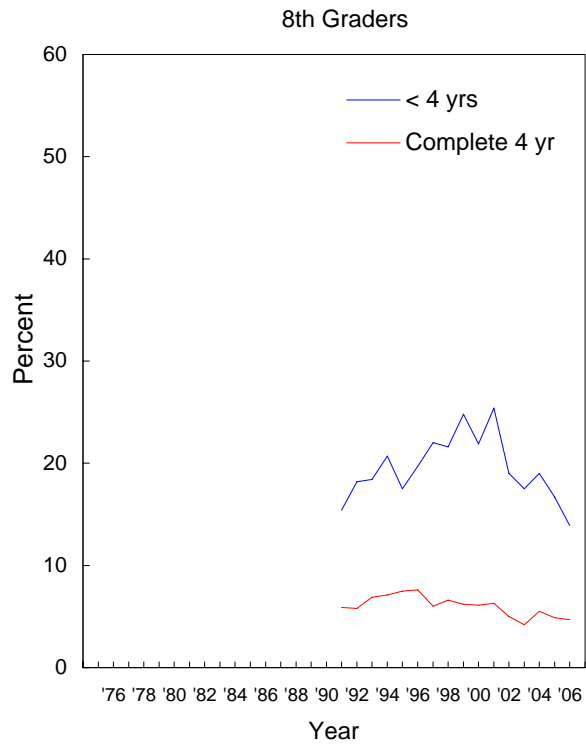


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

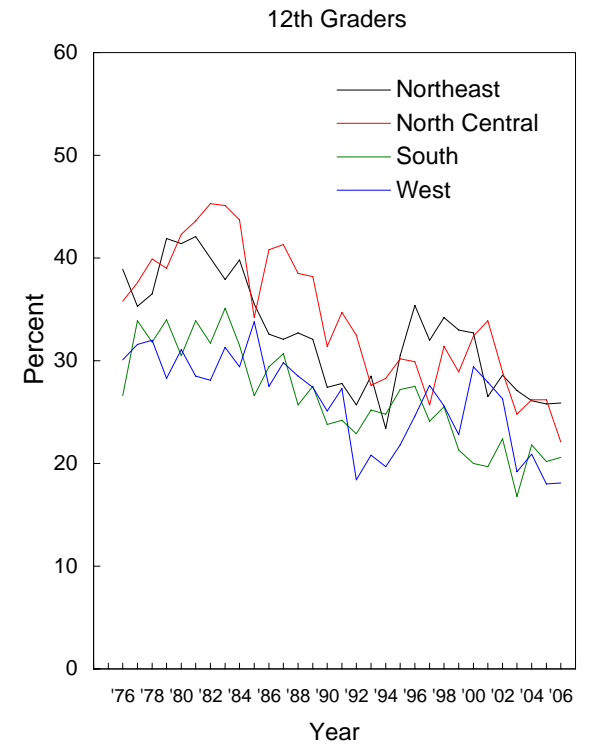
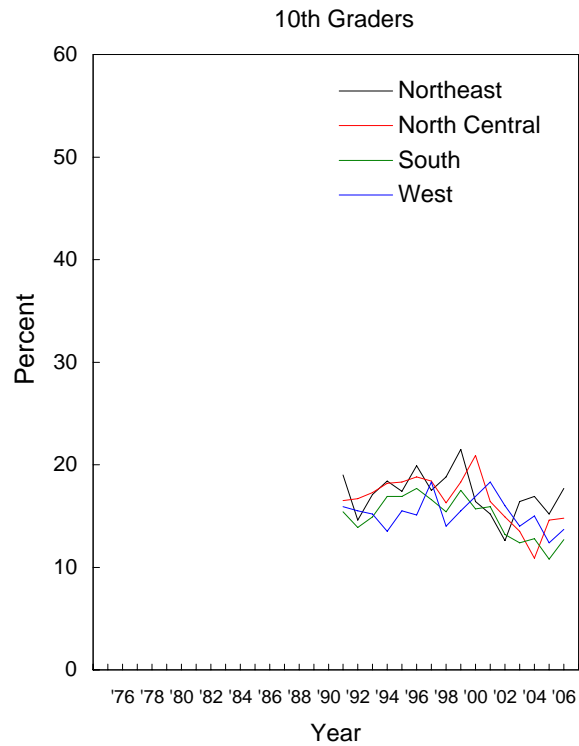
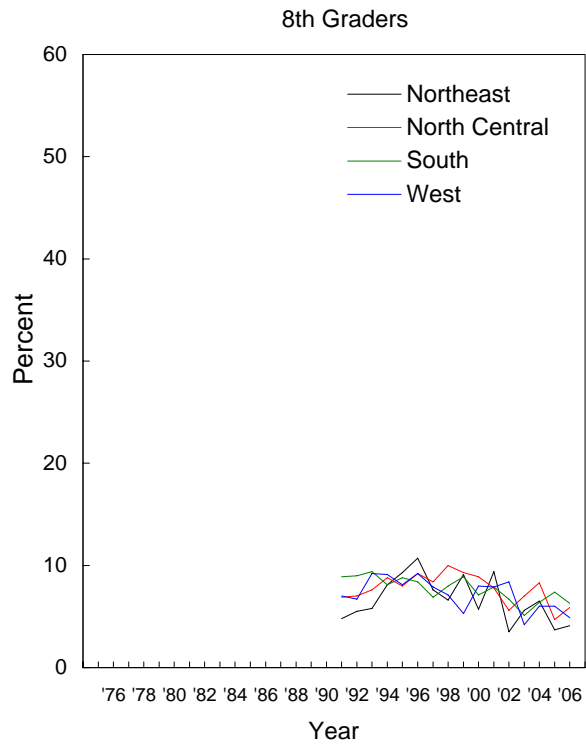
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Gender



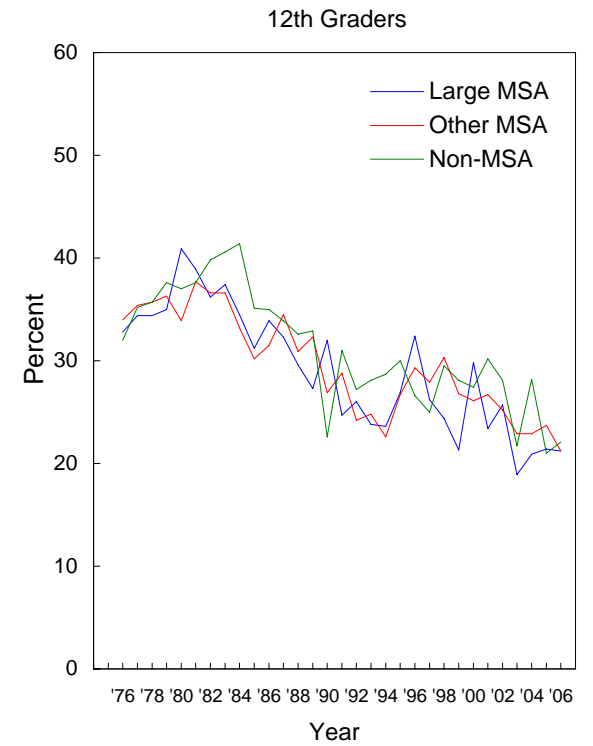
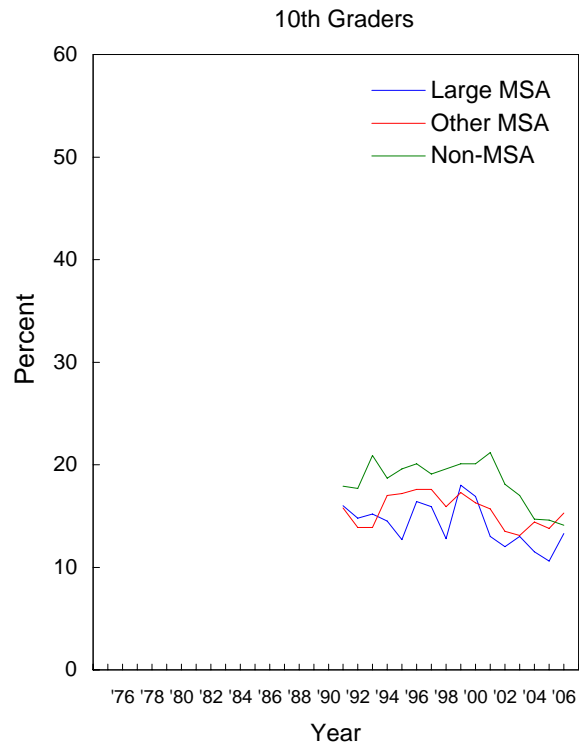
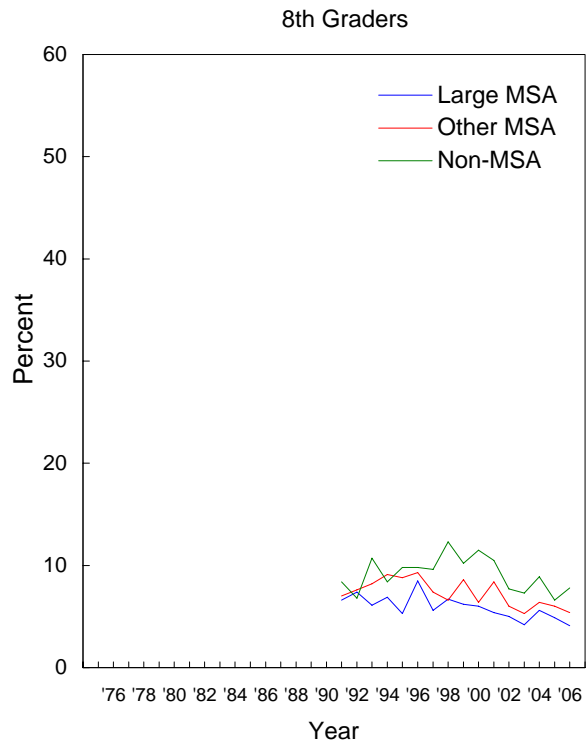
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by College Plans



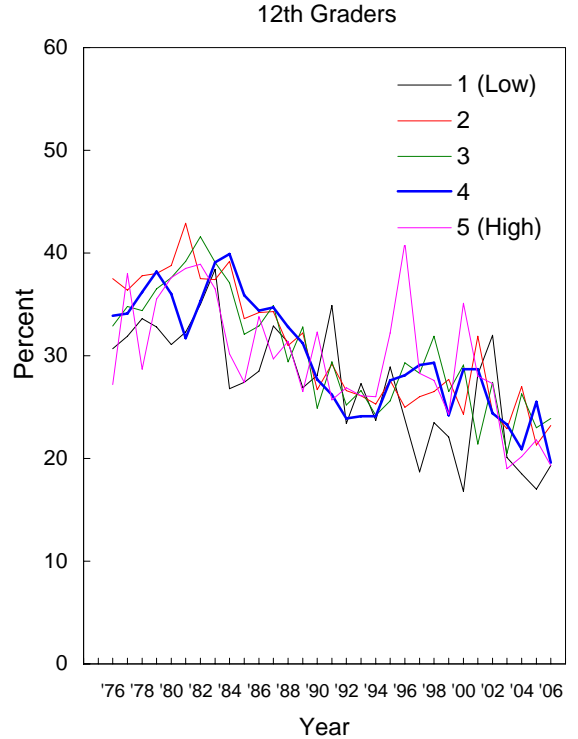
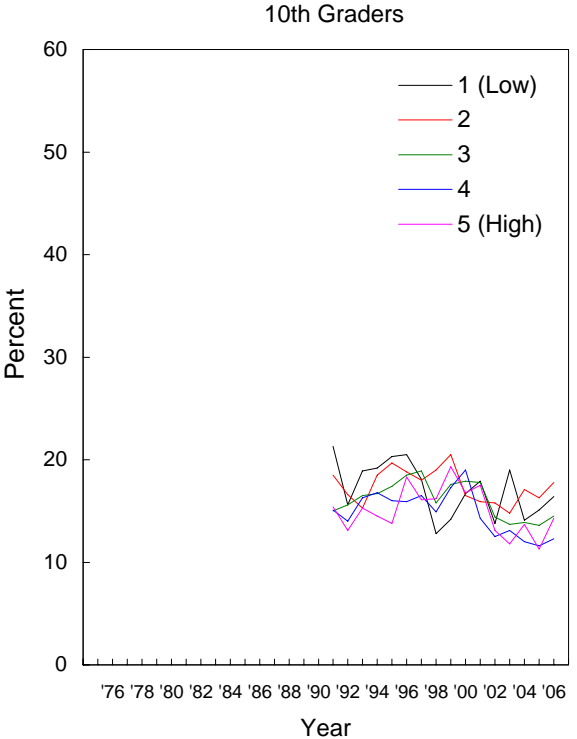
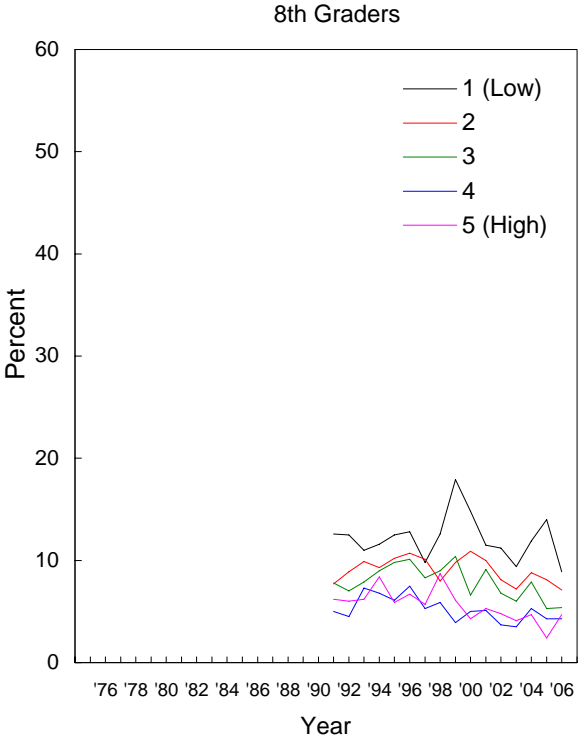
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Region



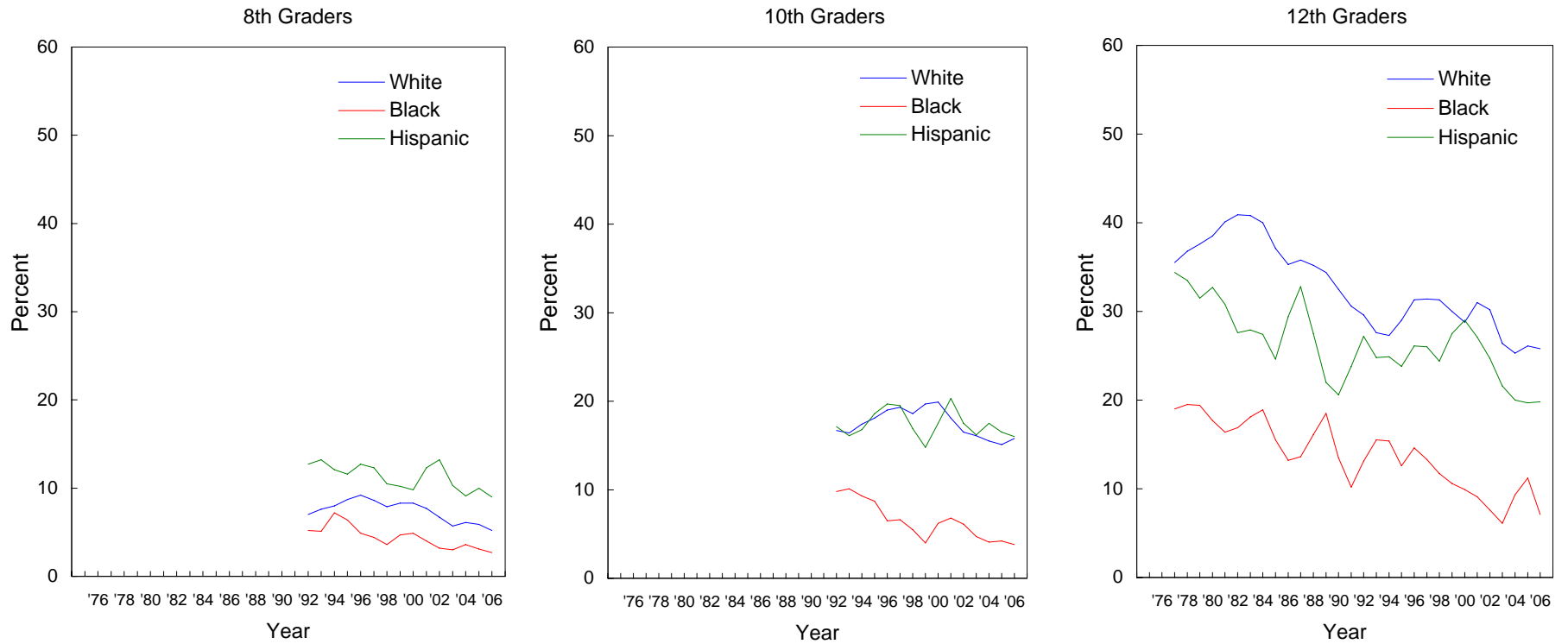
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Population Density



Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Parents' Average Education

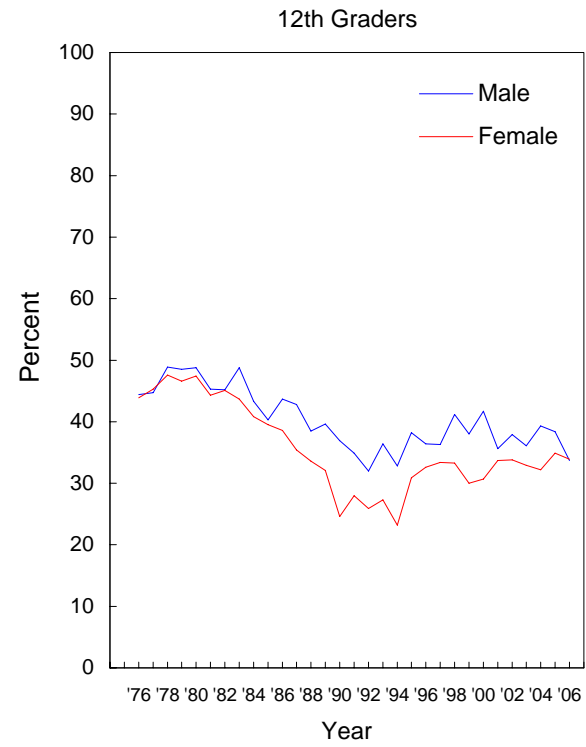


Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Race/Ethnicity*

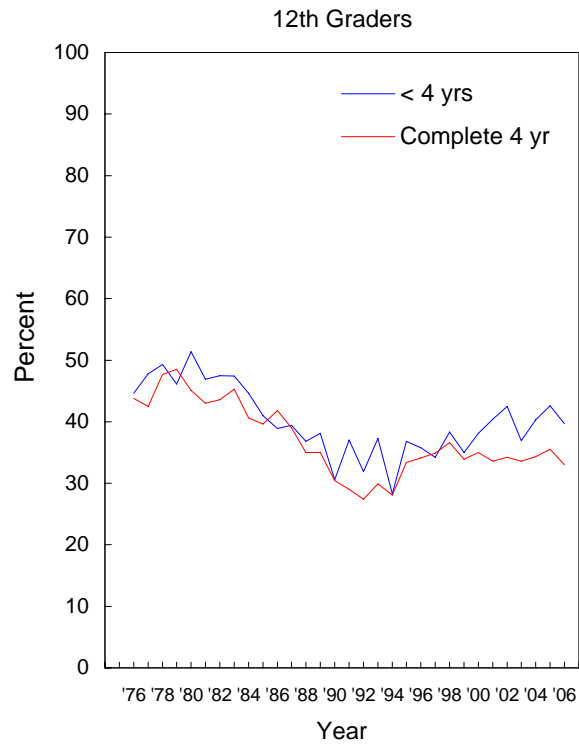


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

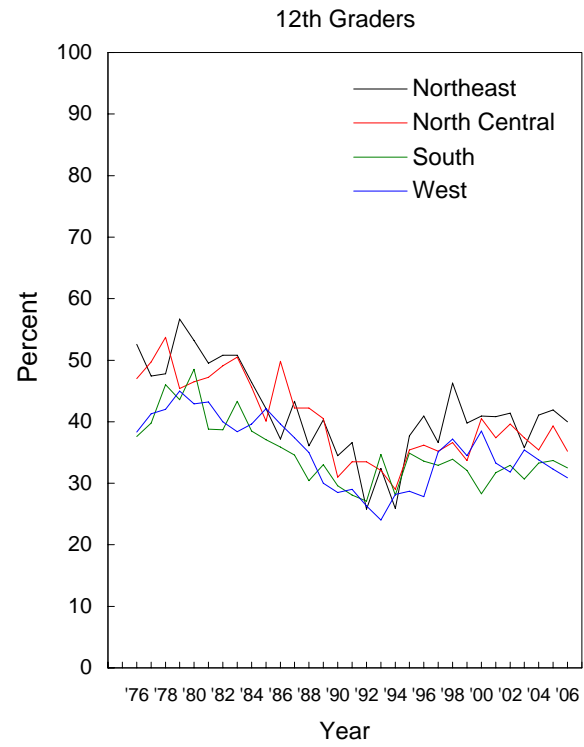
Liquor: Trends in 30-Day Prevalence by Gender



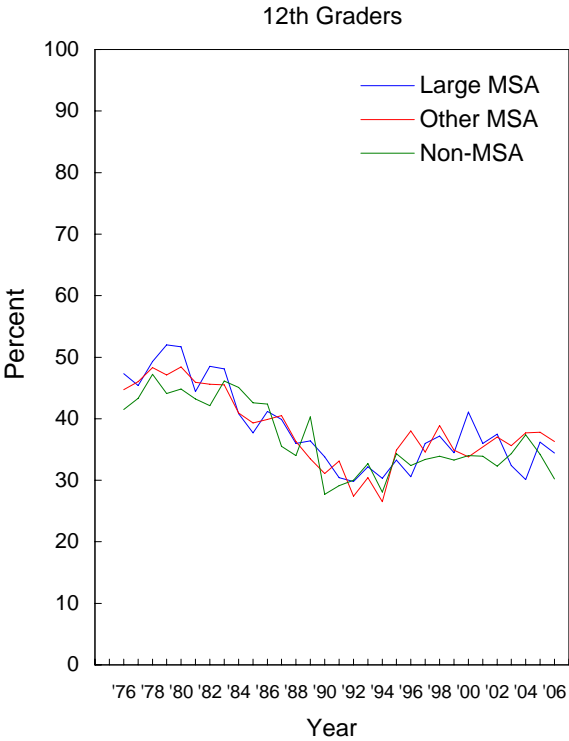
Liquor: Trends in 30-Day Prevalence by College Plans



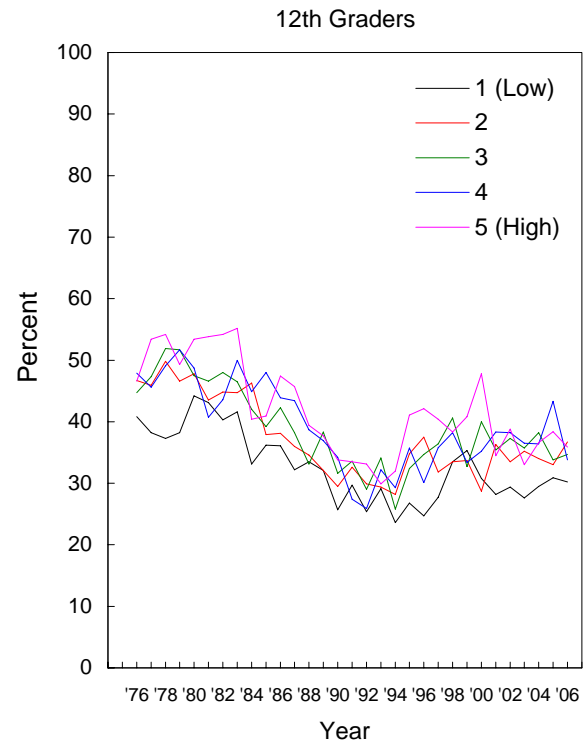
Liquor: Trends in 30-Day Prevalence by Region



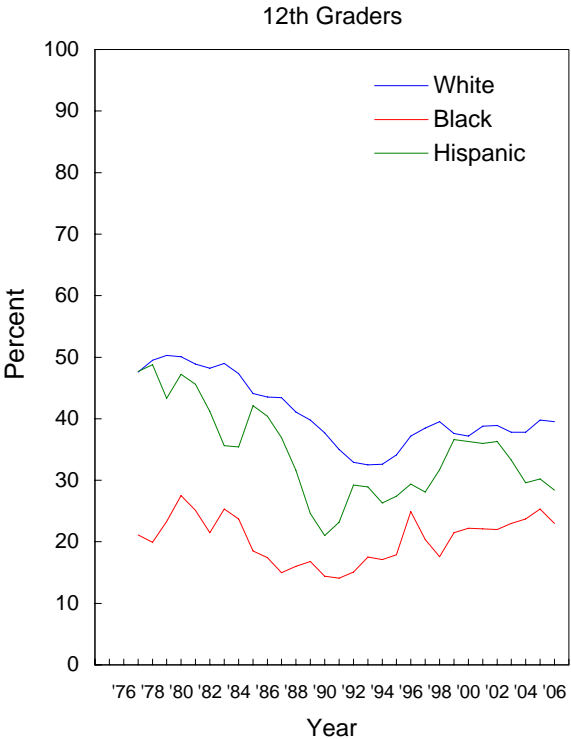
Liquor: Trends in 30-Day Prevalence by Population Density



Liquor: Trends in 30-Day Prevalence by Parents' Average Education

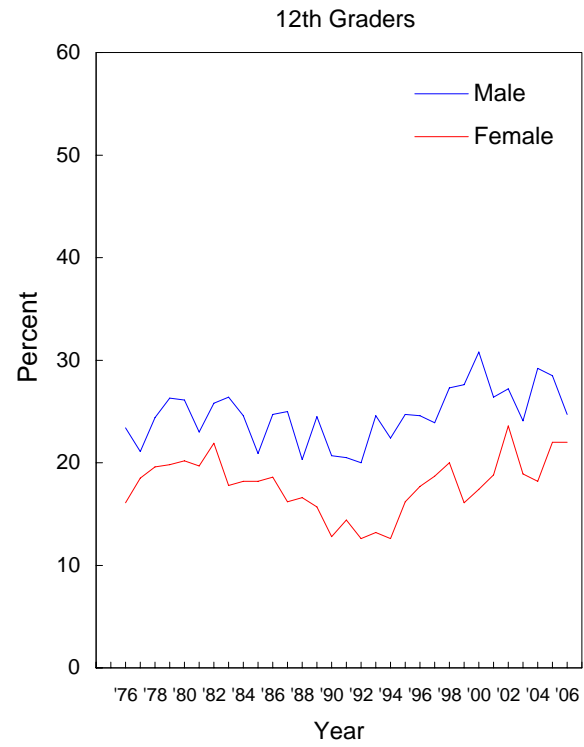


Liquor: Trends in 30-Day Prevalence by Race/Ethnicity*

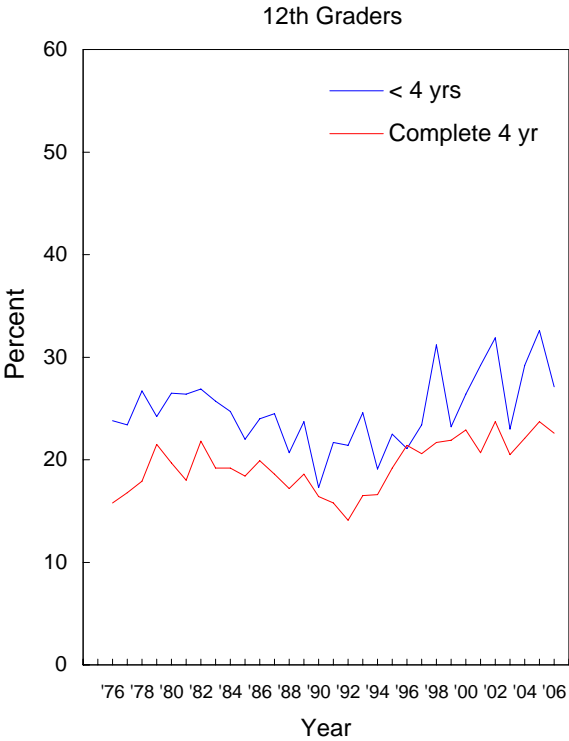


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

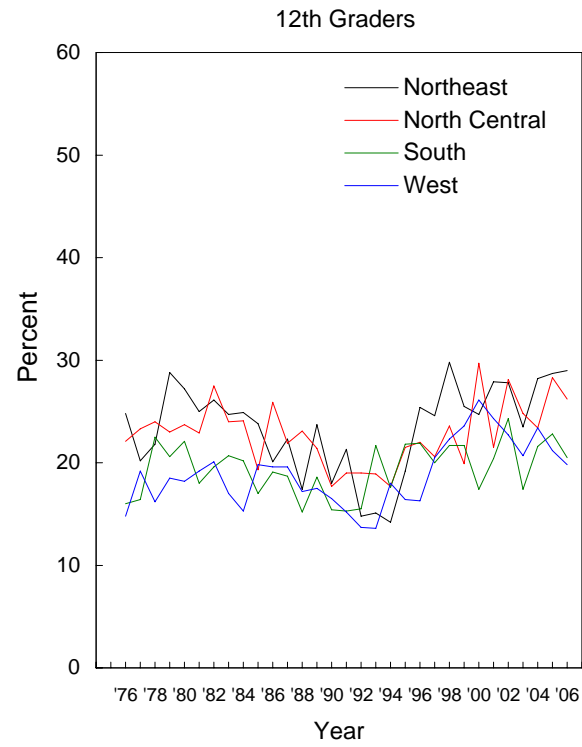
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Gender



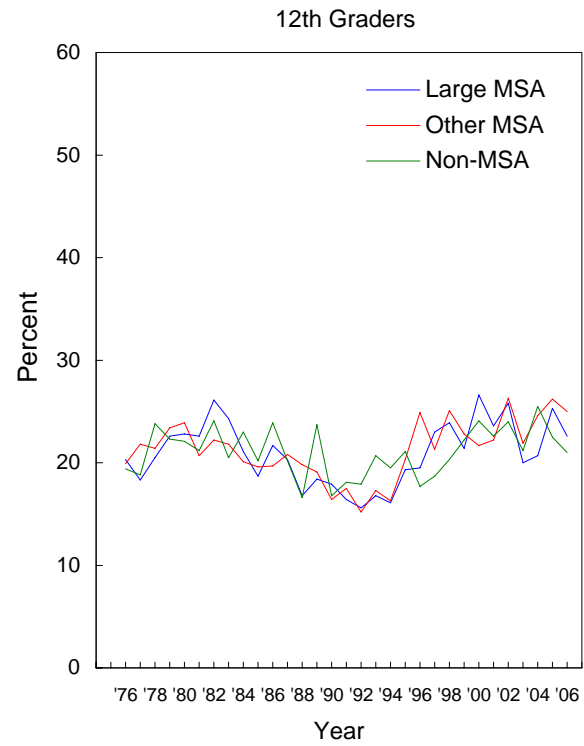
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by College Plans



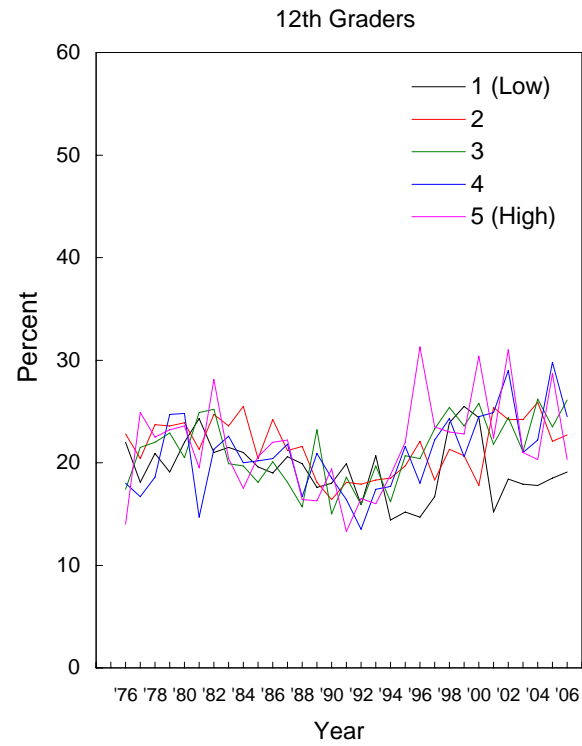
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Region



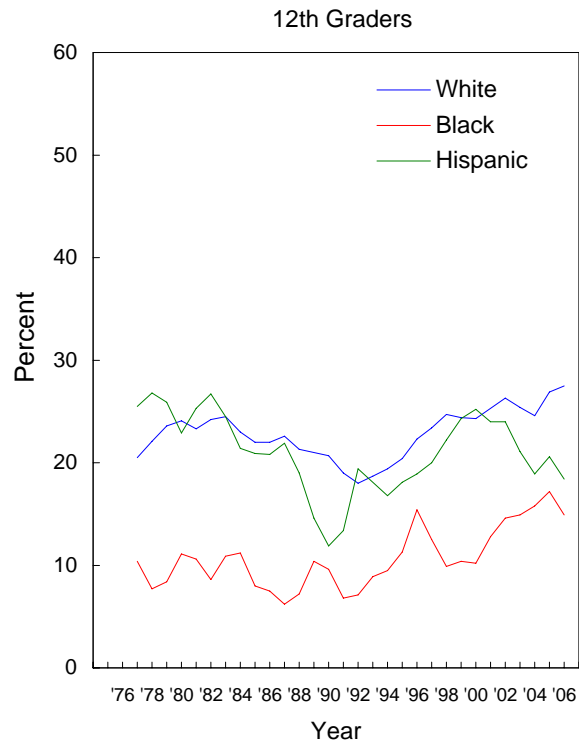
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Population Density



Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Parents' Average Education

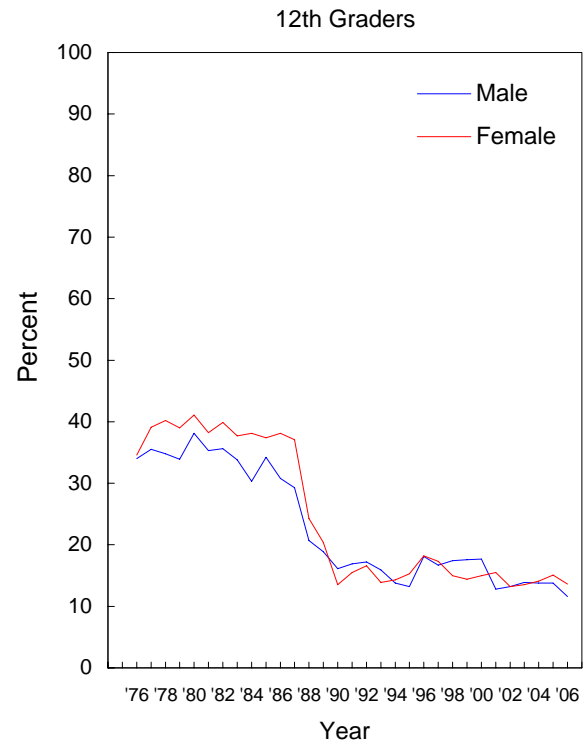


Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Race/Ethnicity*



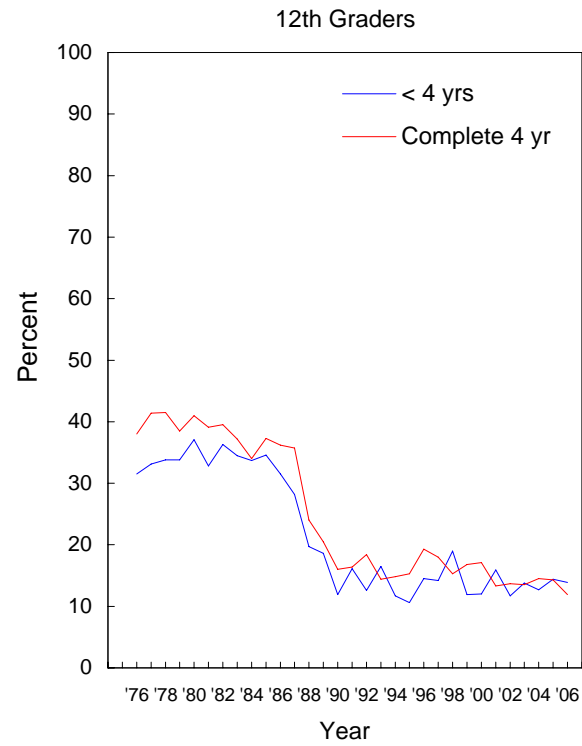
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Wine:* Trends in 30-Day Prevalence by Gender



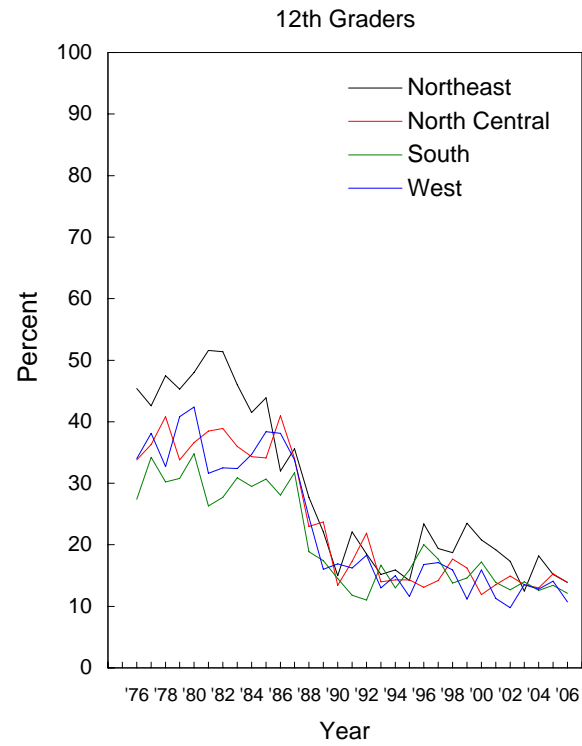
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in 30-Day Prevalence by College Plans



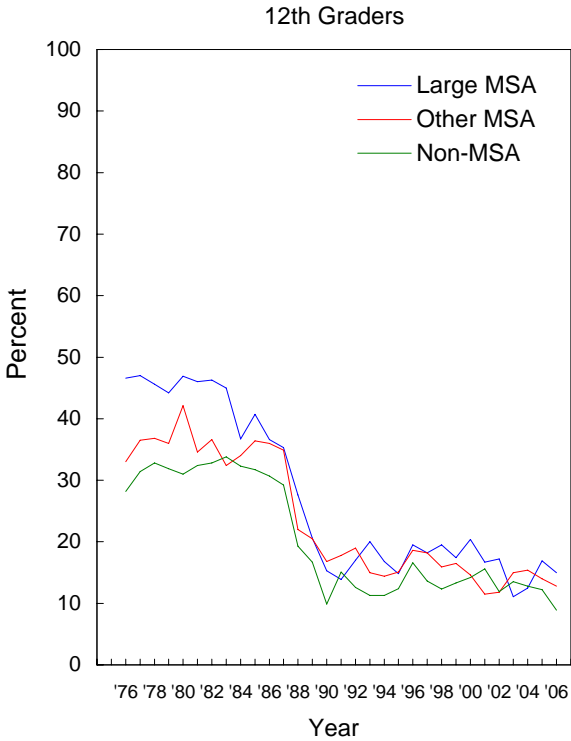
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in 30-Day Prevalence by Region



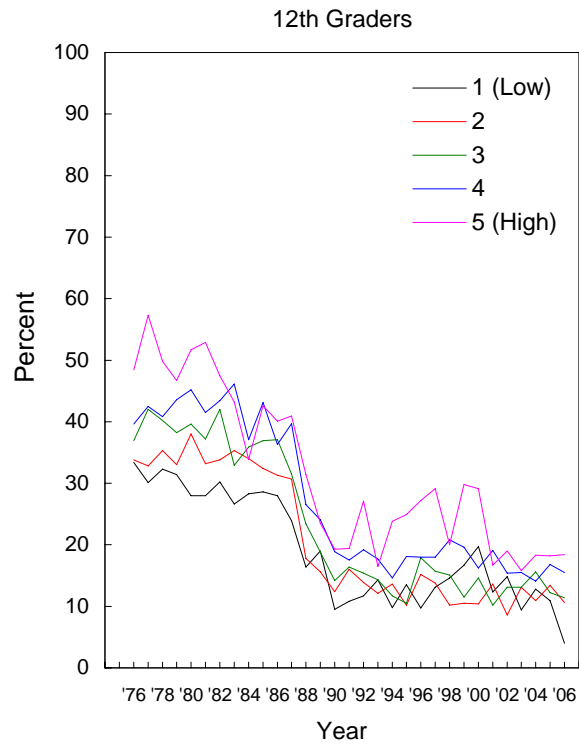
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Wine:* Trends in 30-Day Prevalence by Population Density



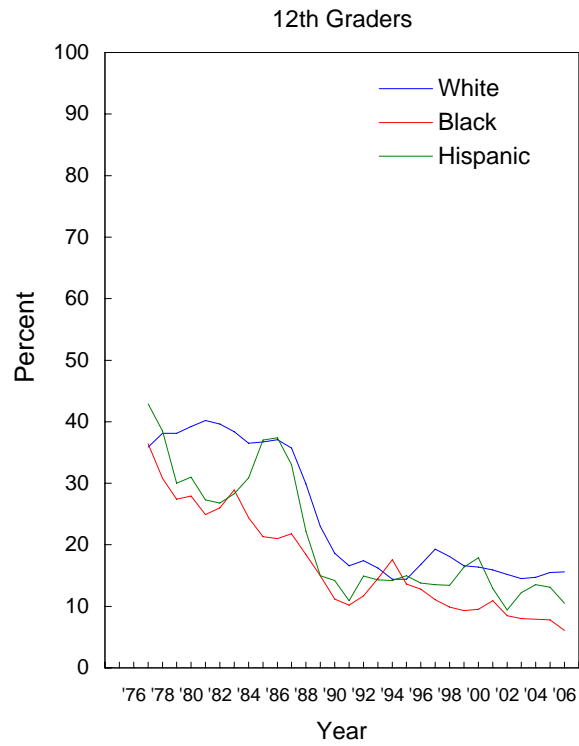
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Wine:* Trends in 30-Day Prevalence by Parents' Average Education



*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

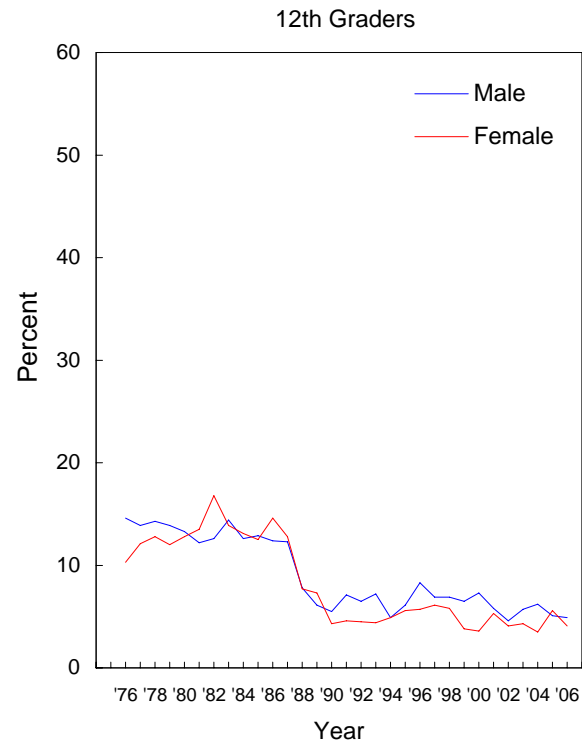
Wine:* Trends in 30-Day Prevalence by Race/Ethnicity**



*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

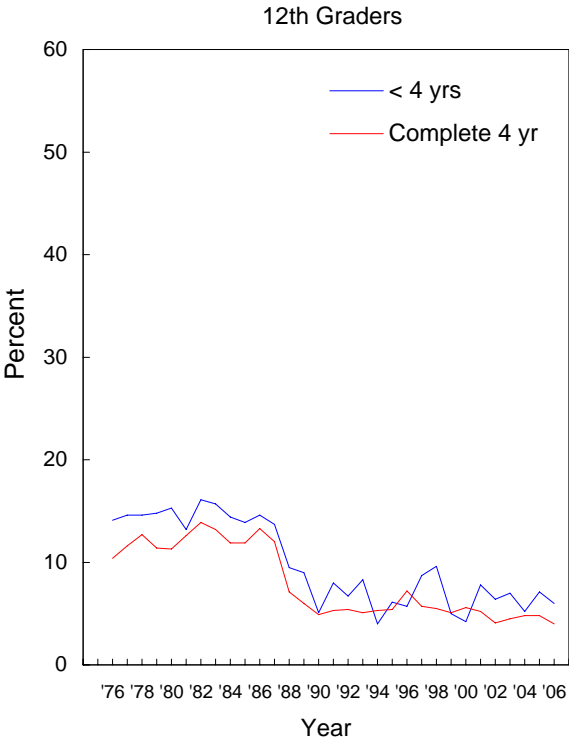
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Wine:* Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Gender



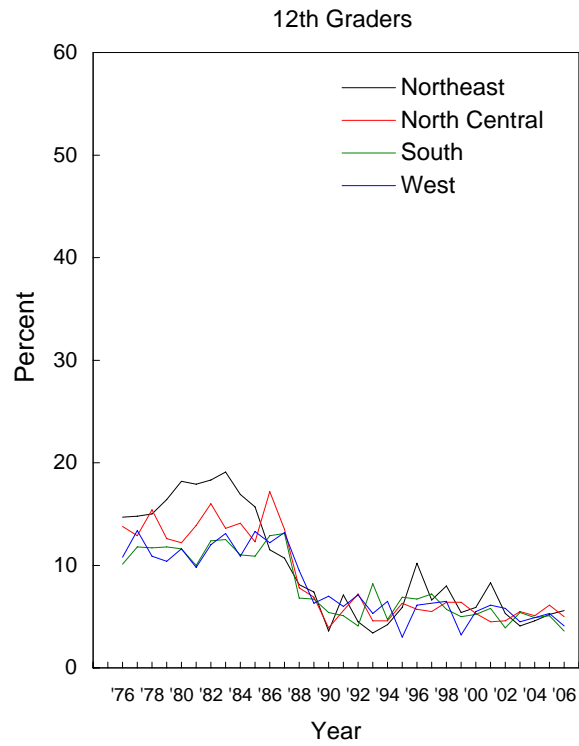
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by College Plans



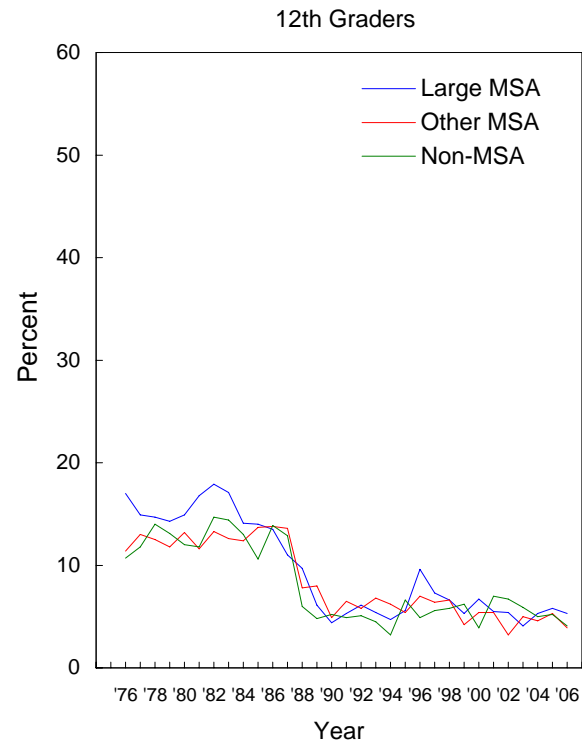
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Region



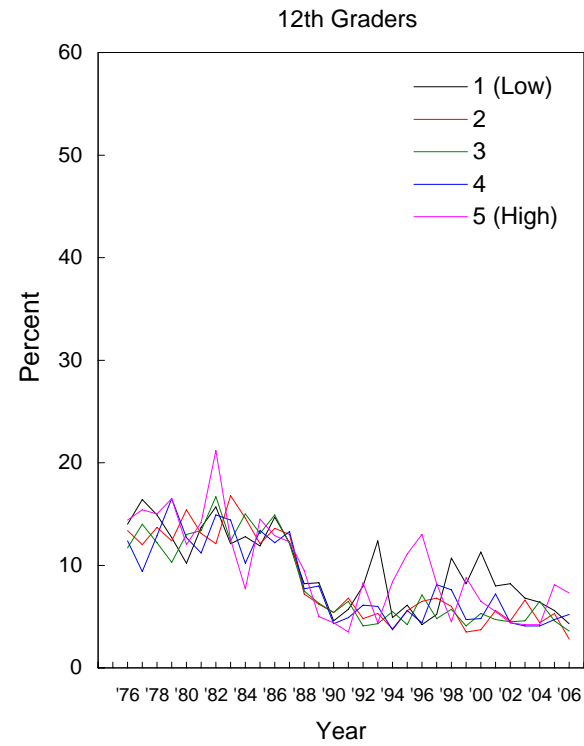
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Population Density



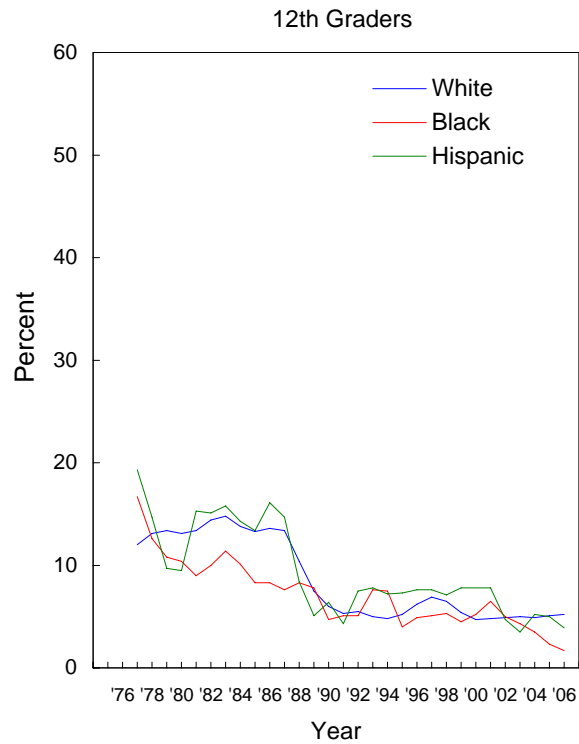
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Parents' Average Education



*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

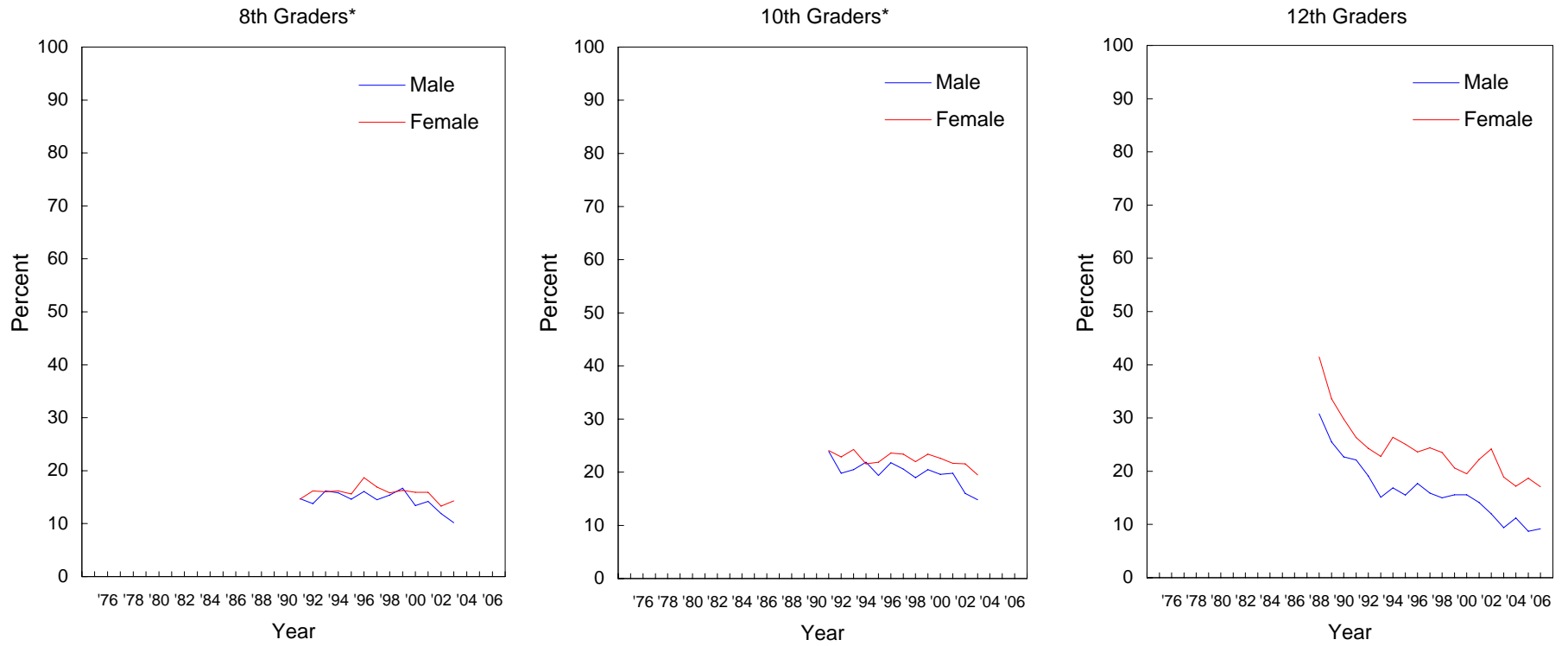
Wine:* Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Race/Ethnicity**



*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

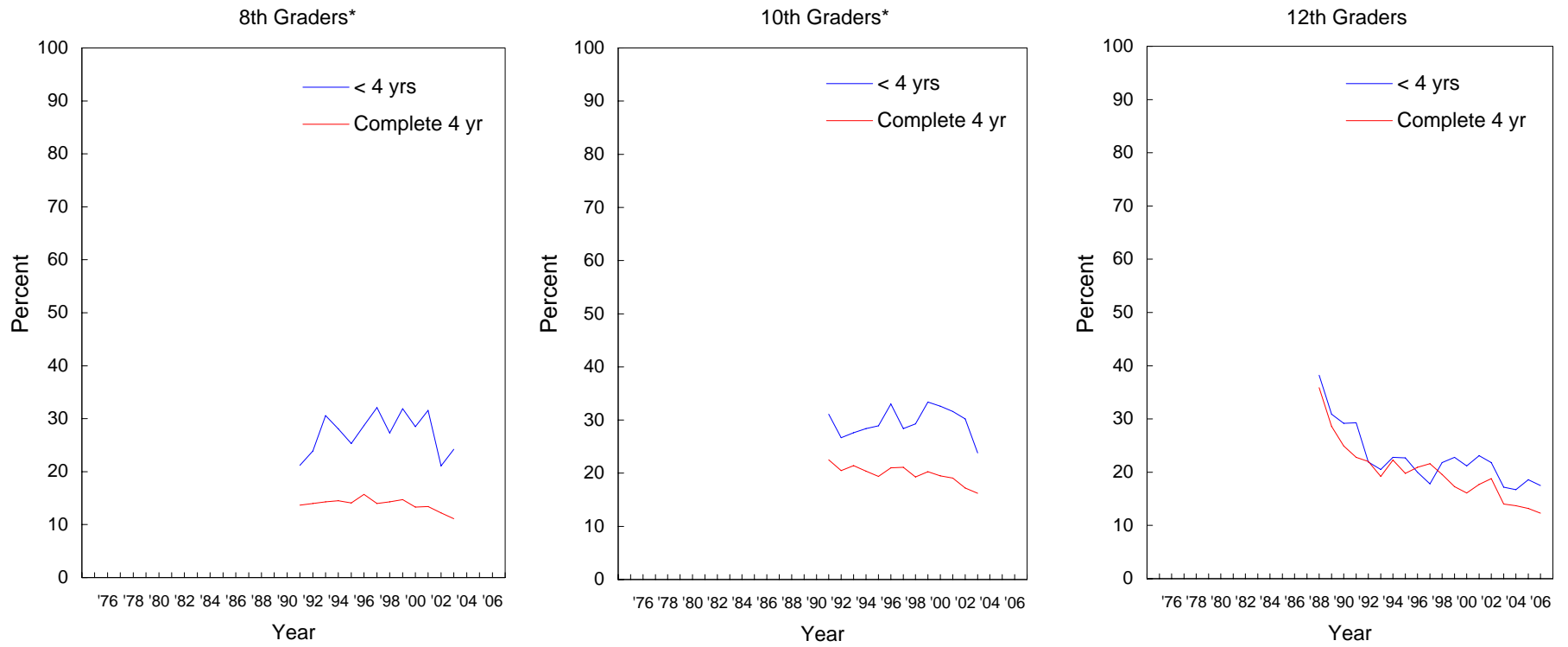
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Wine Coolers: Trends in 30-Day Prevalence by Gender



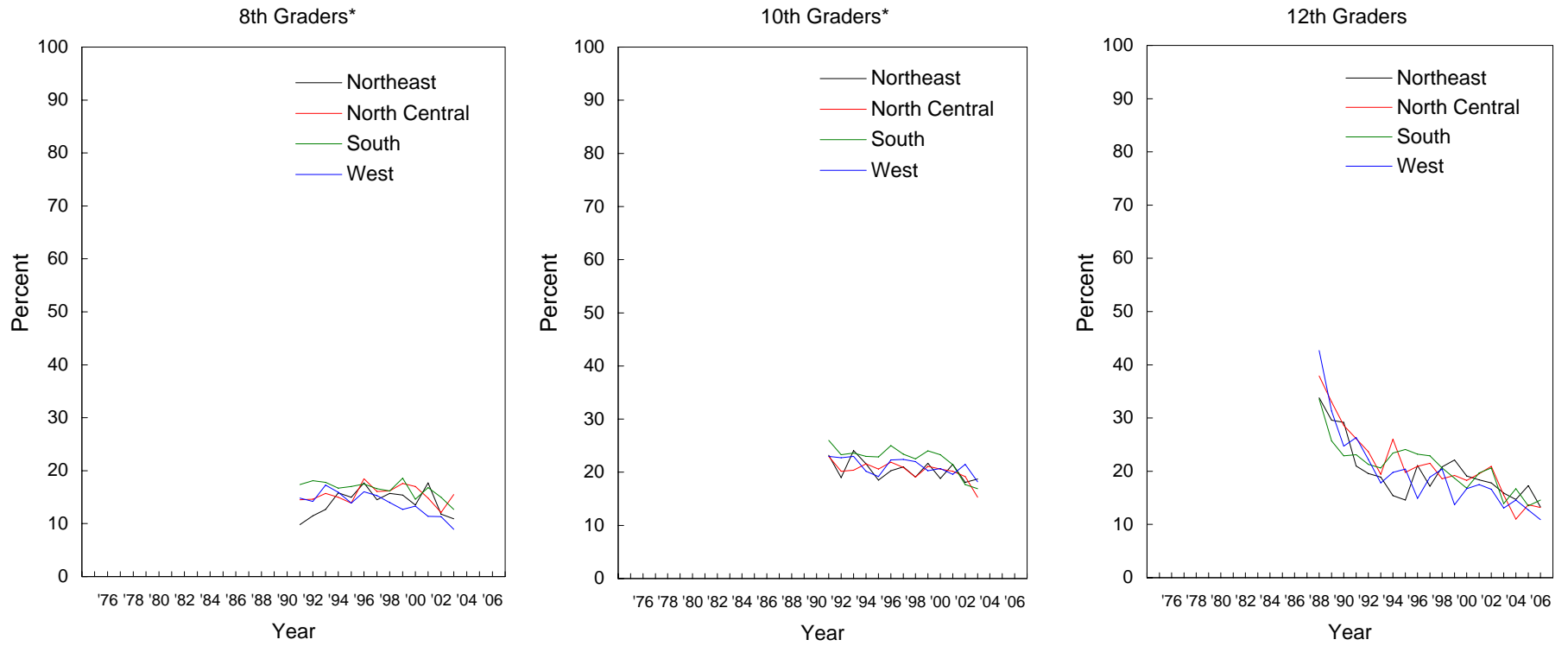
*Question discontinued for eighth and tenth graders in 2004.

Wine Coolers: Trends in 30-Day Prevalence by College Plans



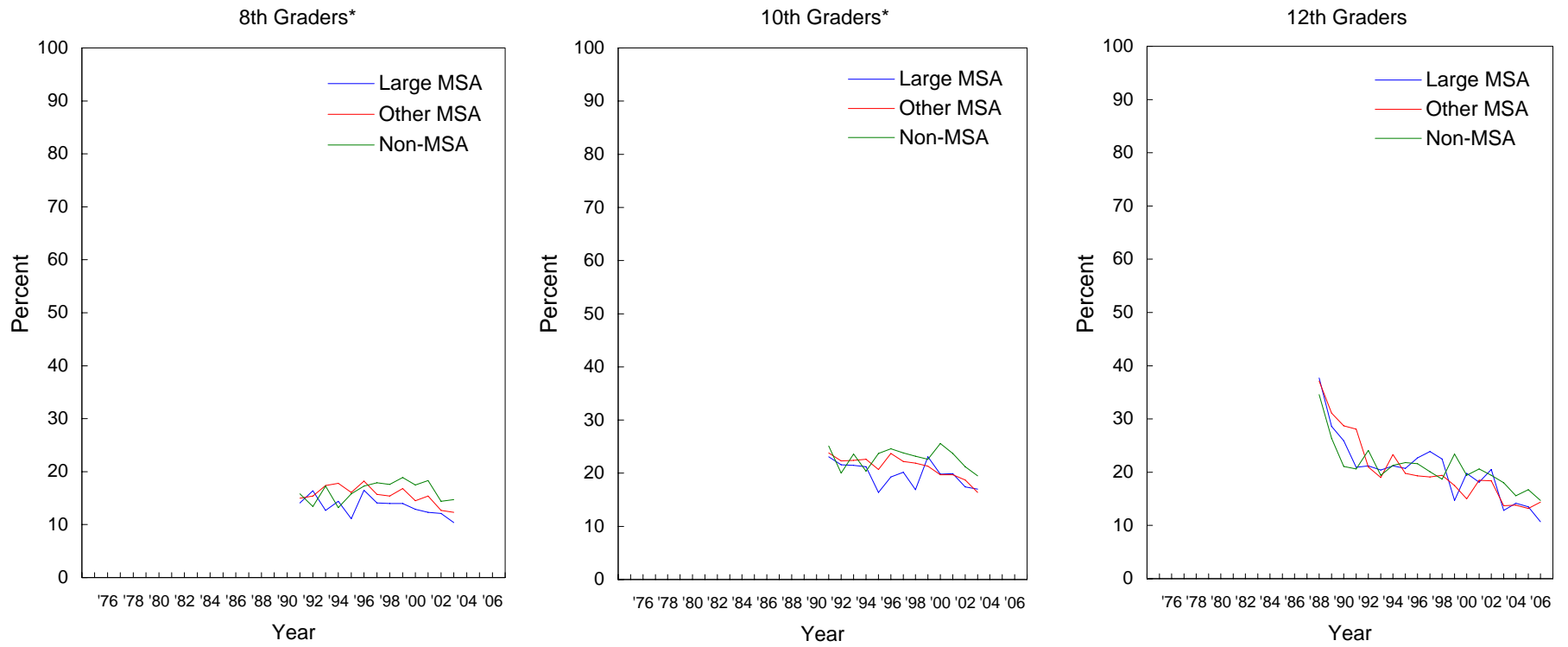
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Wine Coolers: Trends in 30-Day Prevalence by Region



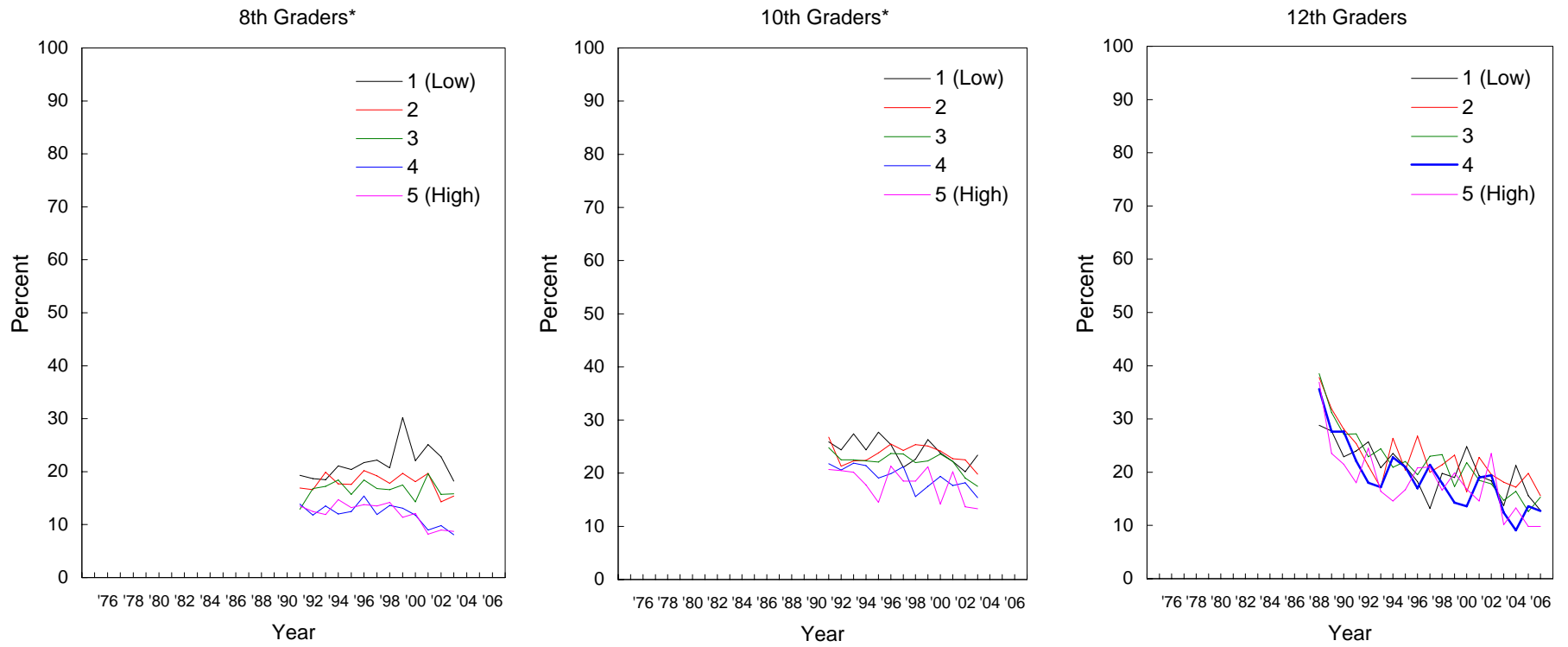
*Question discontinued for eighth and tenth graders in 2004.

Wine Coolers: Trends in 30-Day Prevalence by Population Density



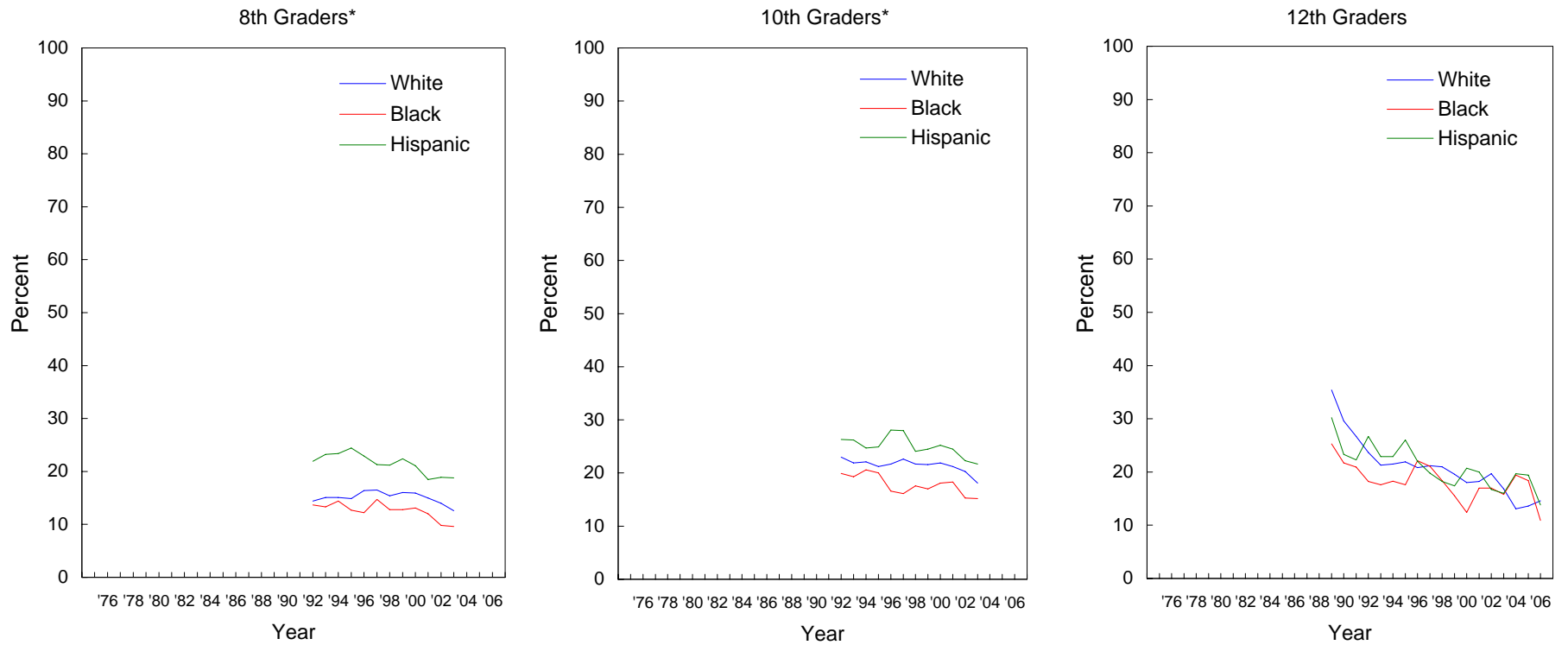
*Question discontinued for eighth and tenth graders in 2004.

Wine Coolers: Trends in 30-Day Prevalence by Parents' Average Education



*Question discontinued for eighth and tenth graders in 2004.

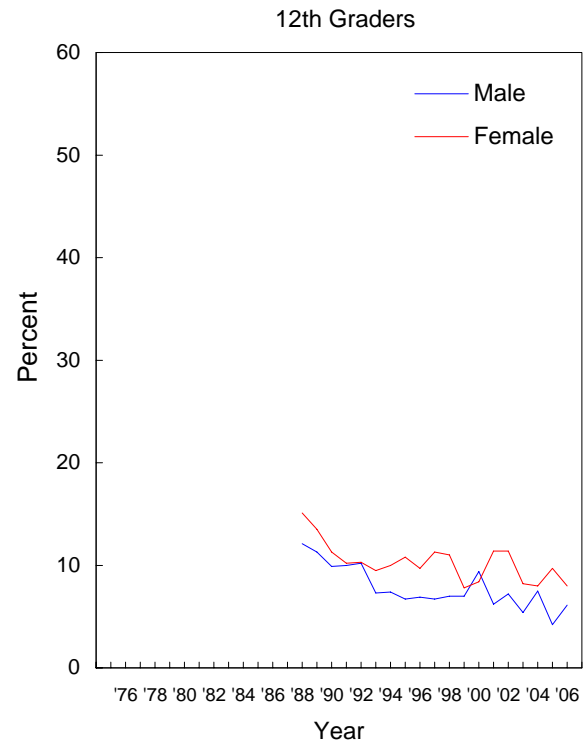
Wine Coolers: Trends in 30-Day Prevalence by Race/Ethnicity**



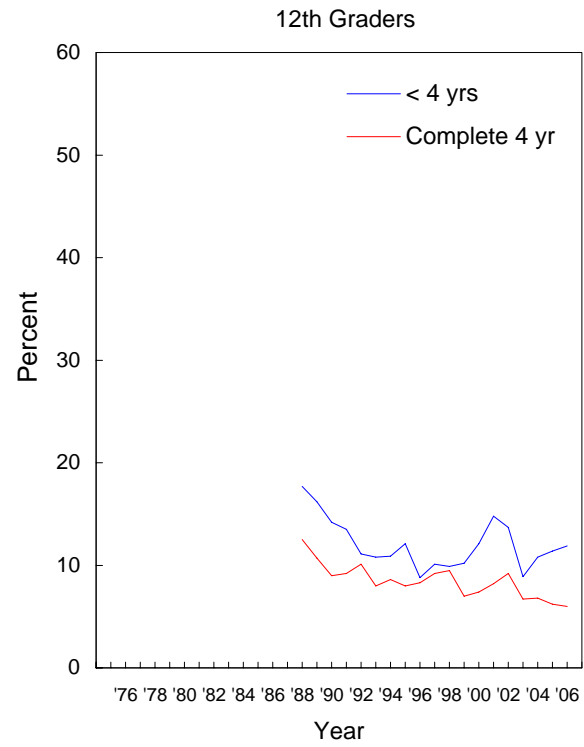
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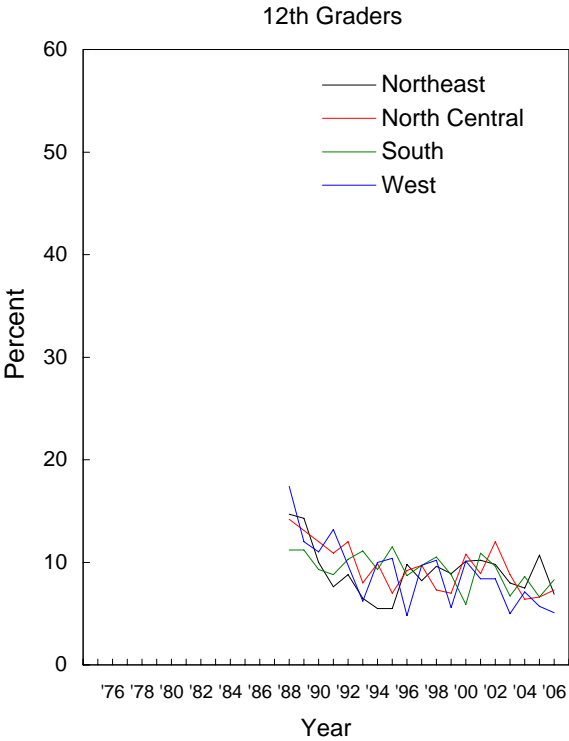
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Gender



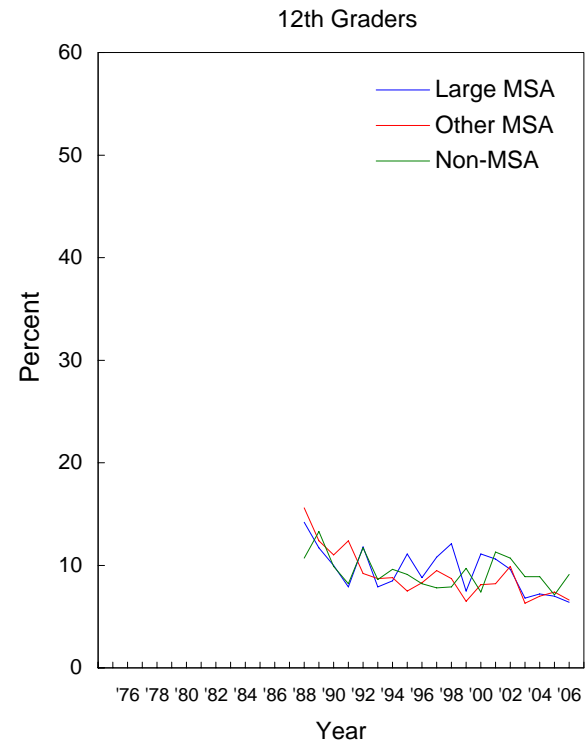
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by College Plans



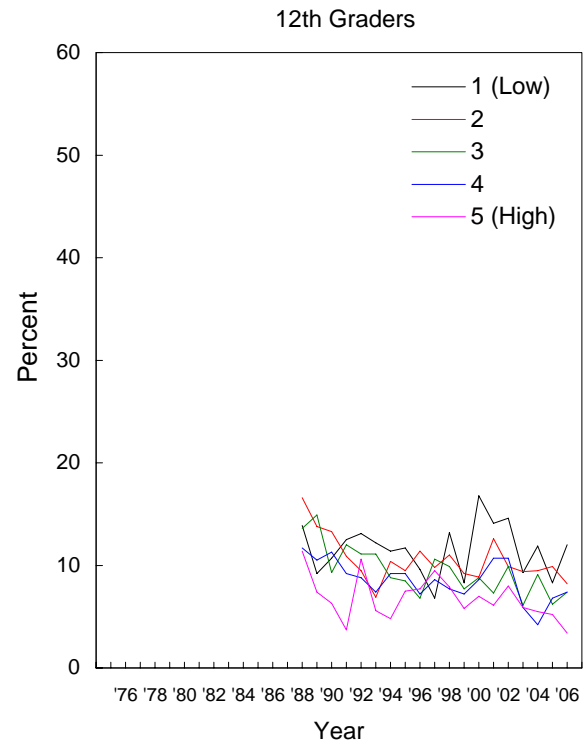
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Region



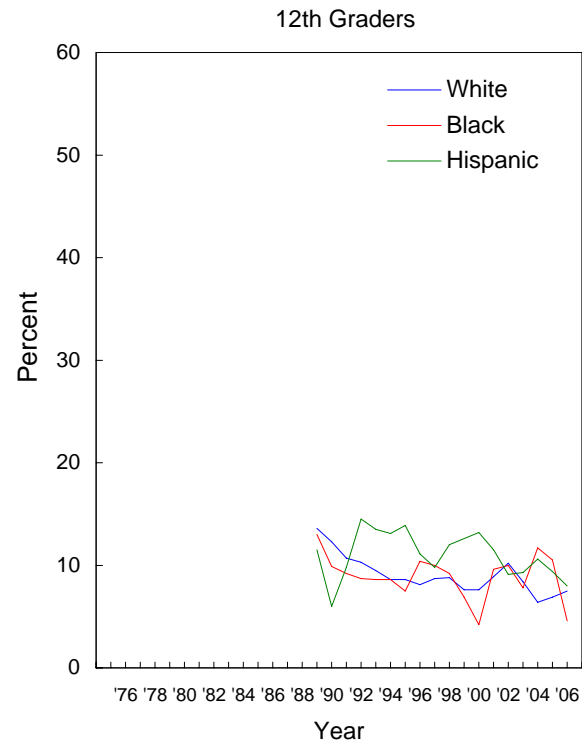
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Population Density



Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Parents' Average Education

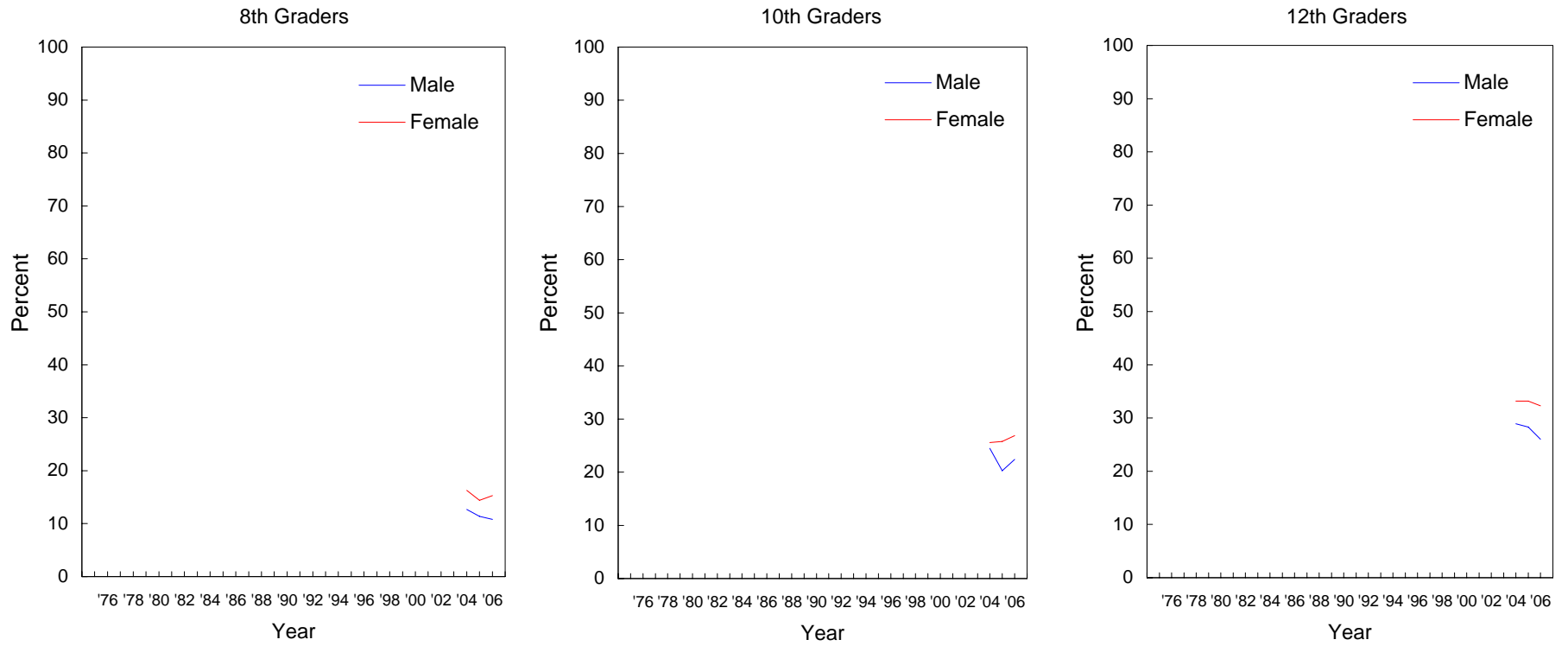


Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Race/Ethnicity*

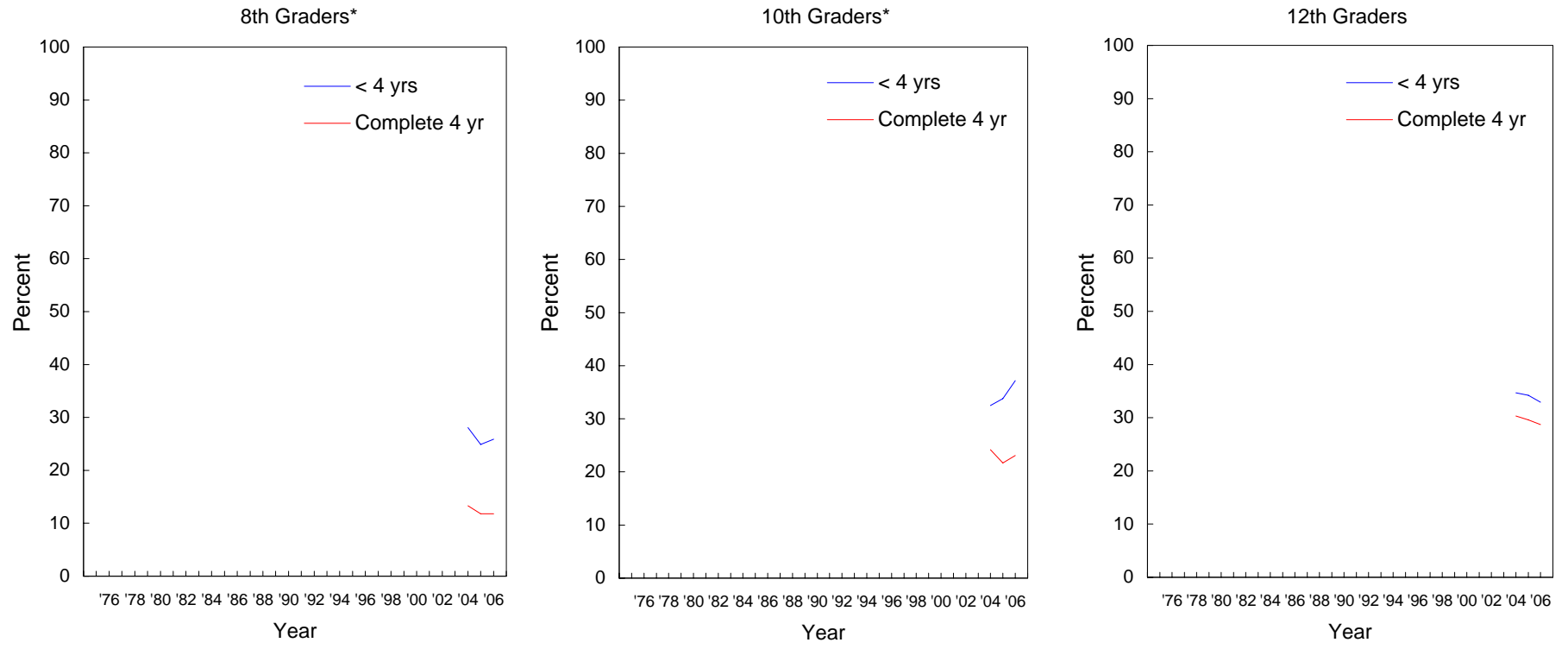


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

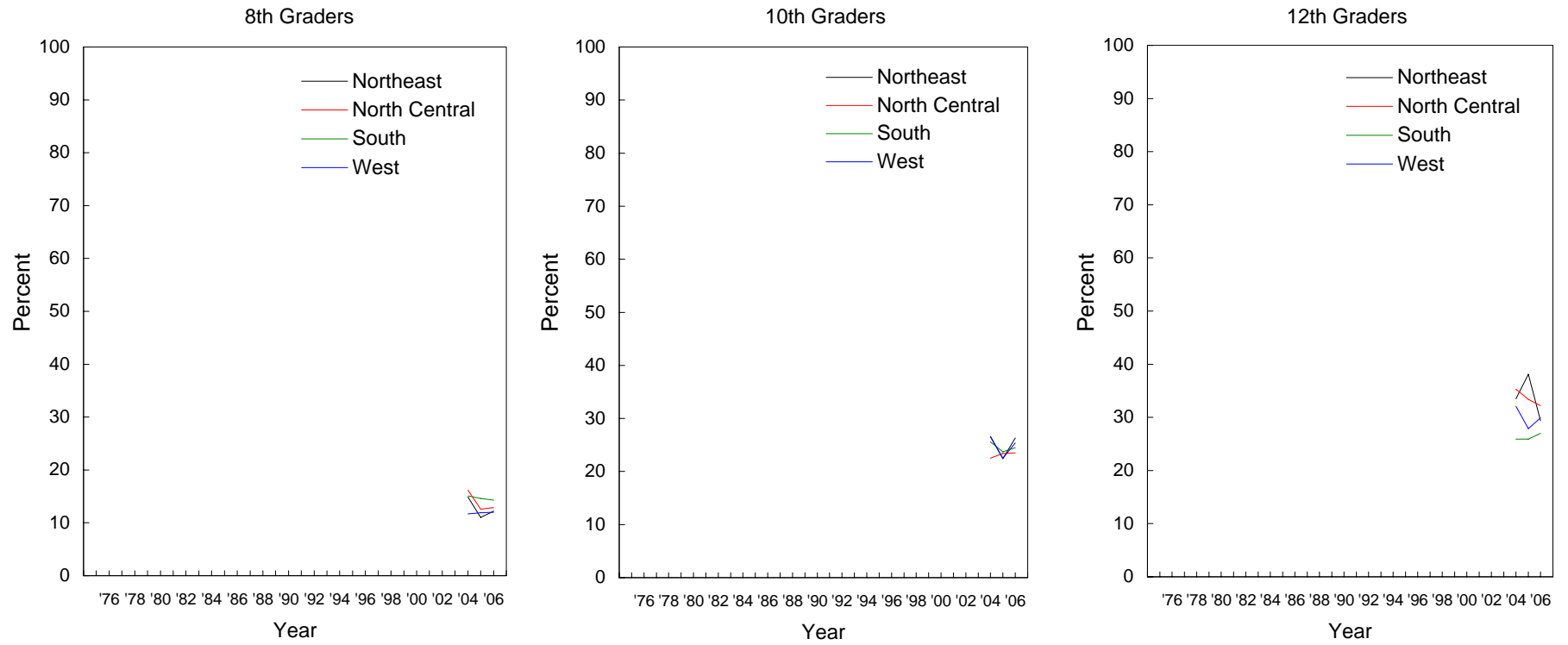
Flavored Alcoholic Beverages: Trends in 30-Day Prevalence by Gender



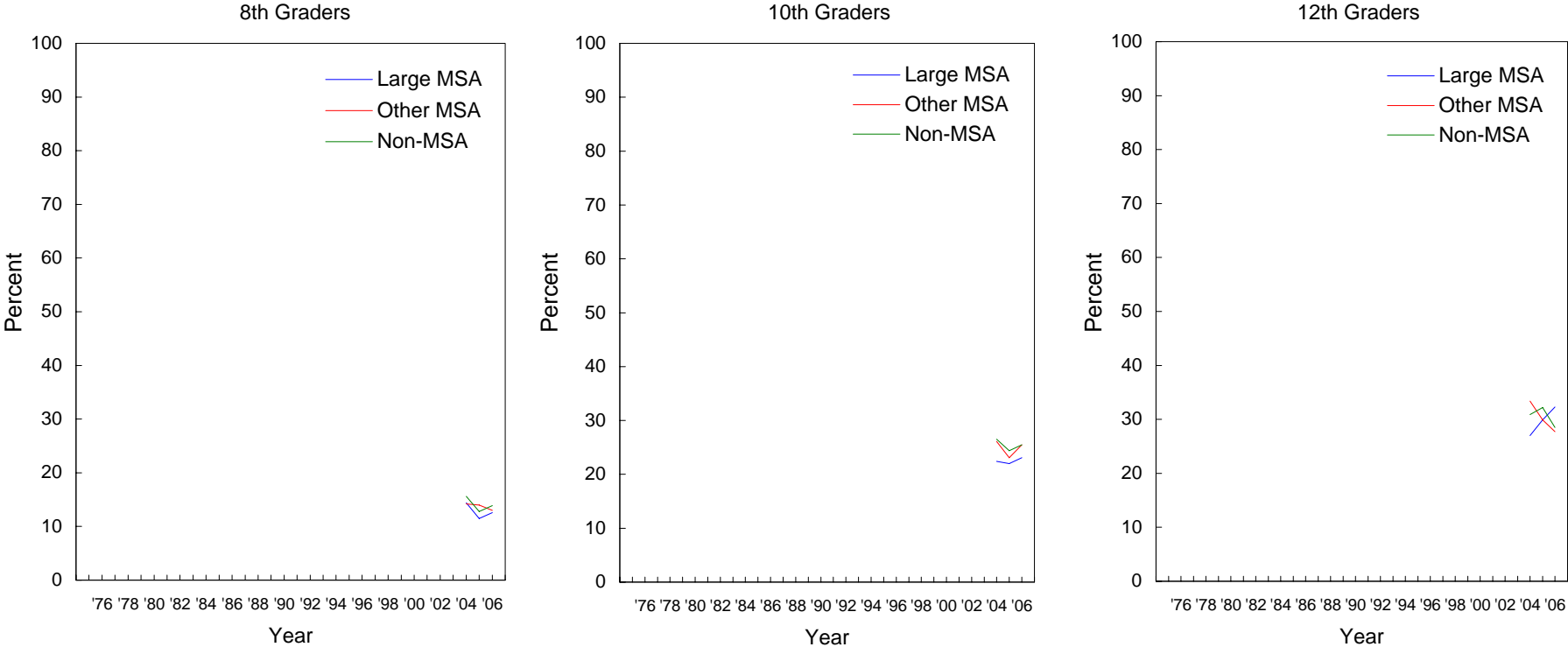
Flavored Alcoholic Beverages: Trends in 30-Day Prevalence by College Plans



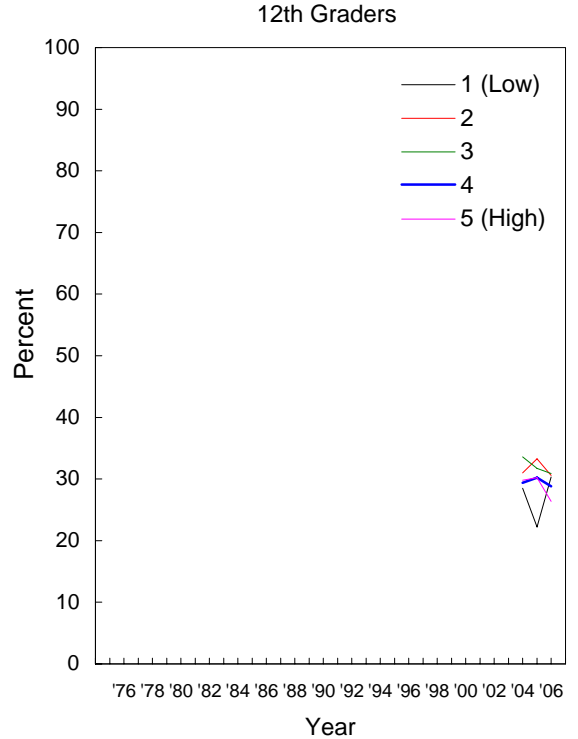
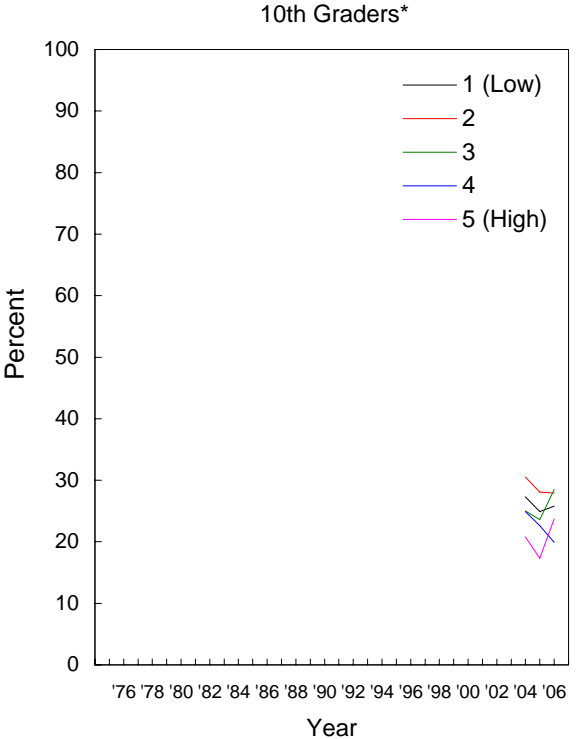
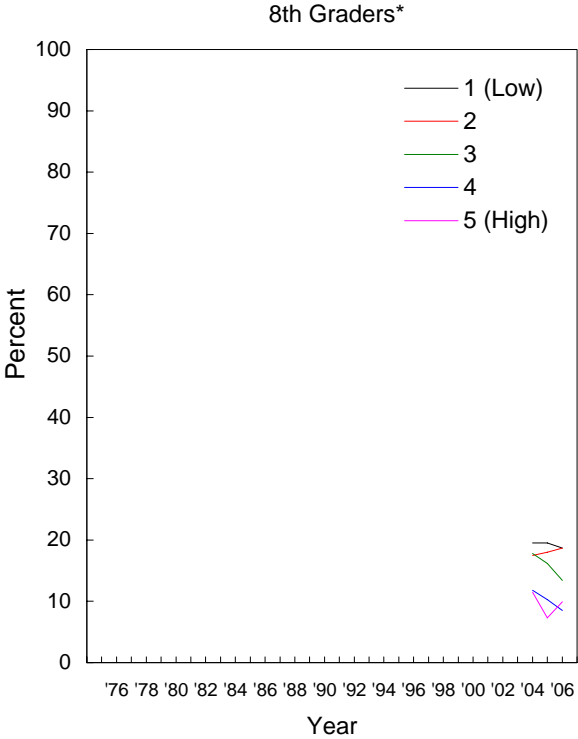
Flavored Alcoholic Beverages: Trends in 30-Day Prevalence by Region



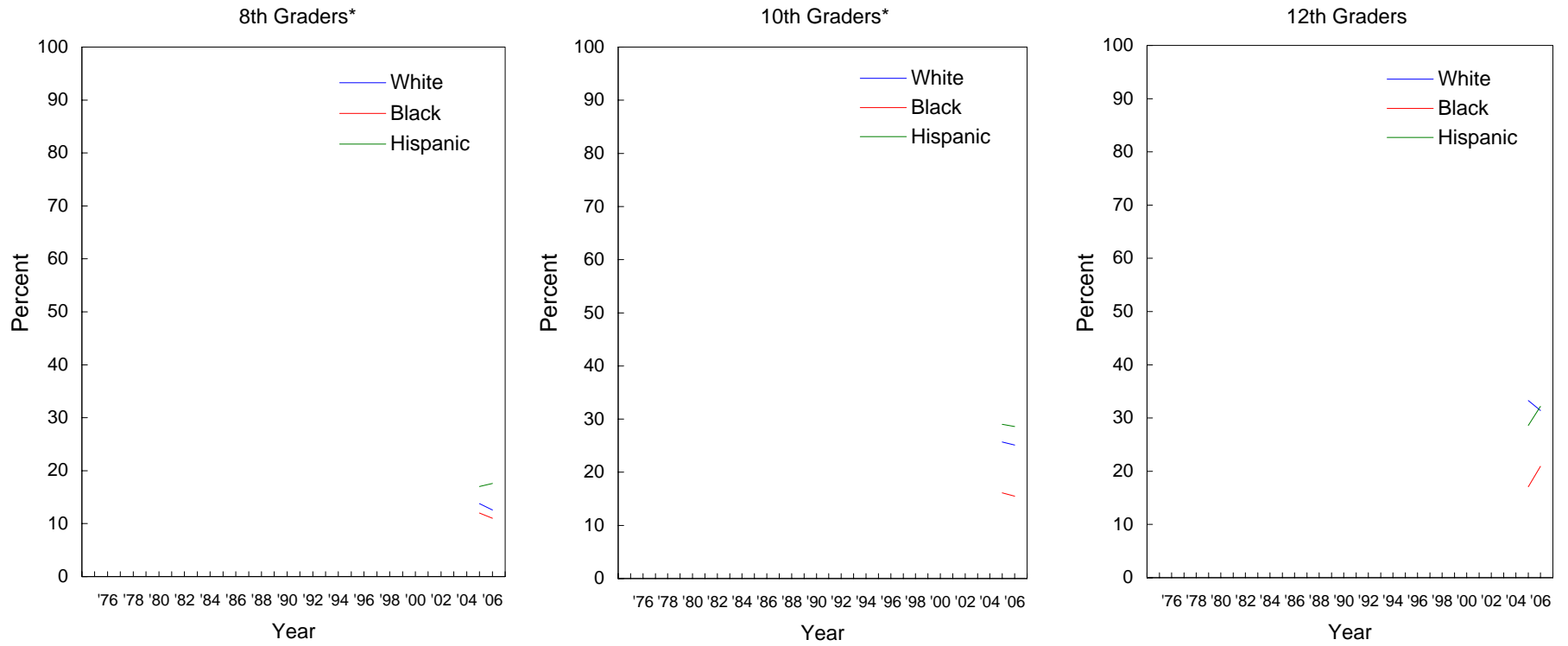
Flavored Alcoholic Beverages: Trends in 30-Day Prevalence by Population Density



Flavored Alcoholic Beverages: Trends in 30-Day Prevalence by Parents' Average Education

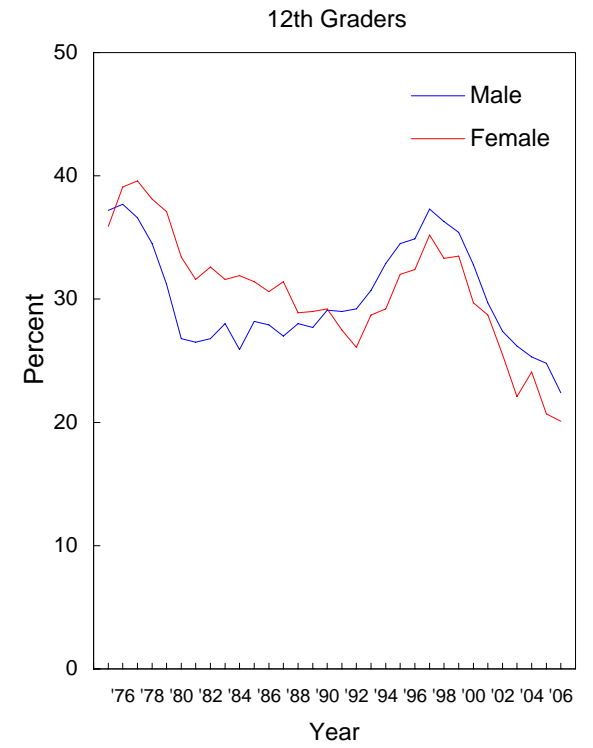
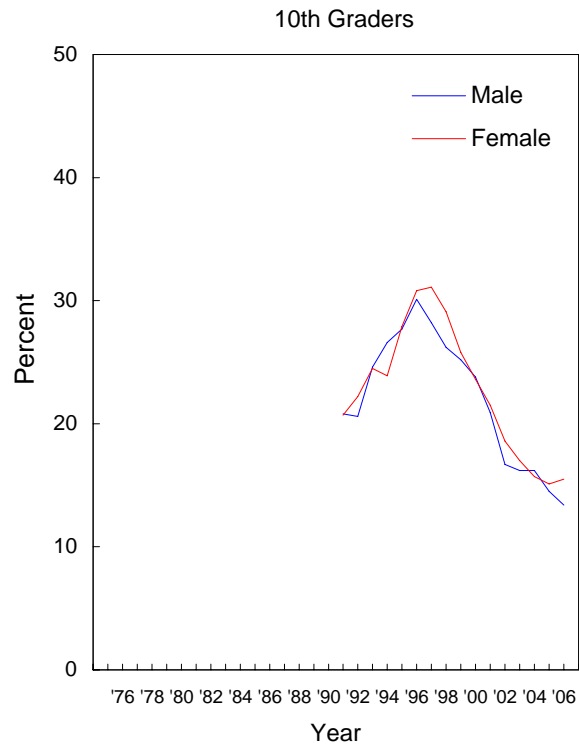
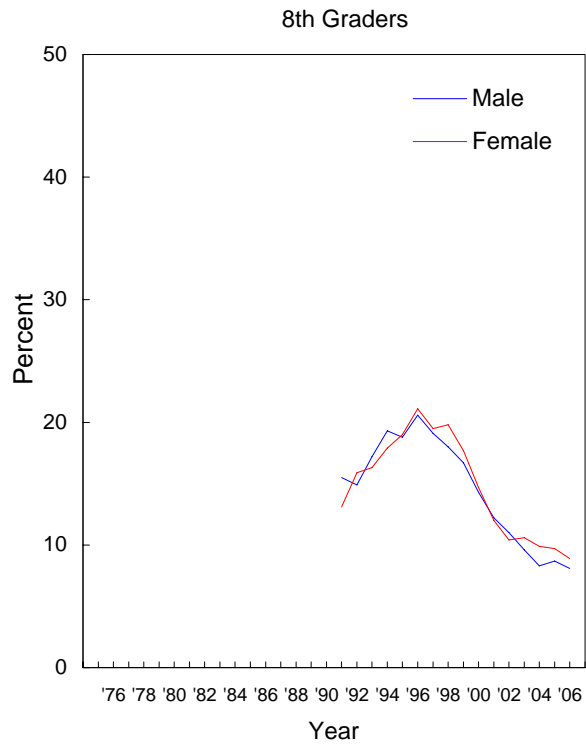


Flavored Alcoholic Beverages: Trends in 30-Day Prevalence by Race/Ethnicity**

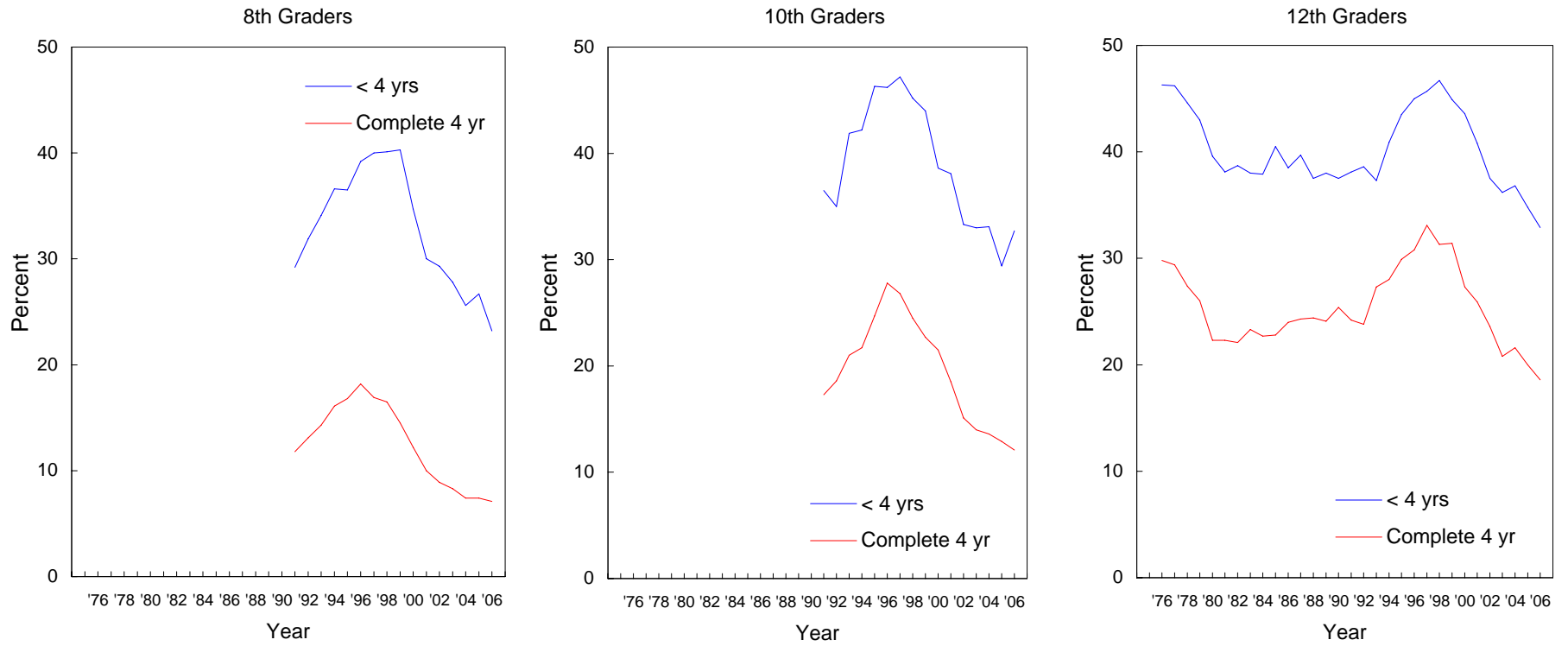


**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

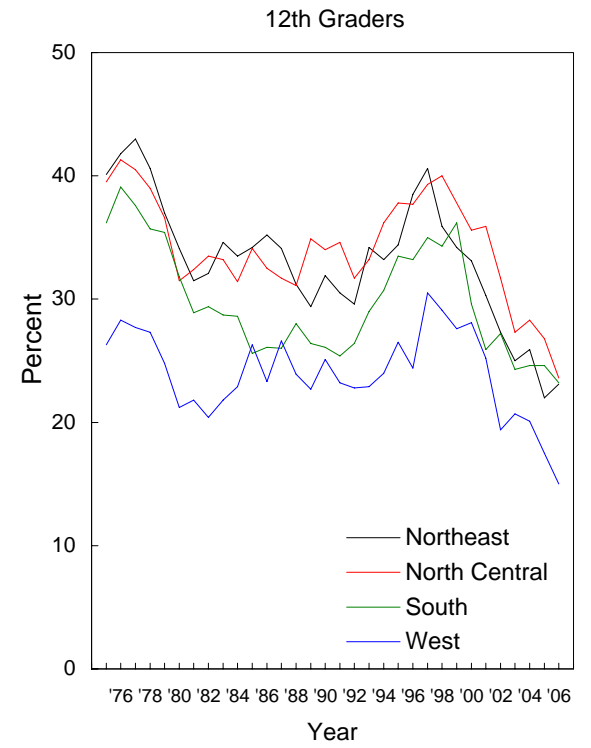
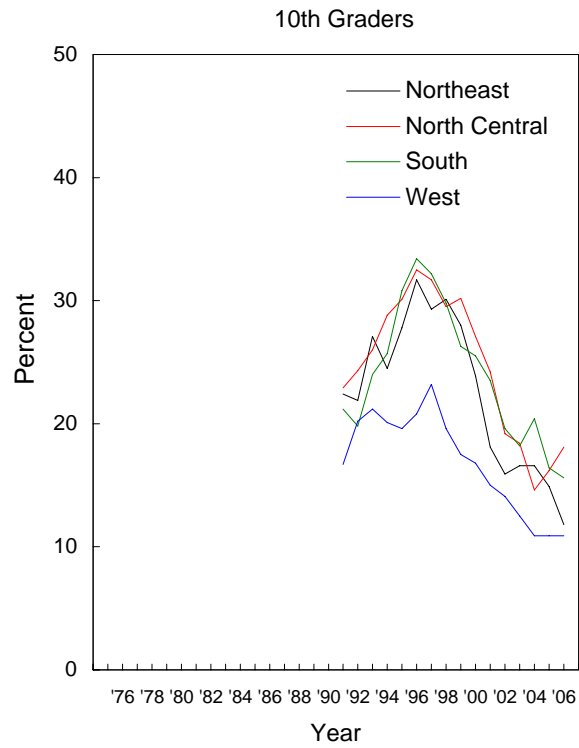
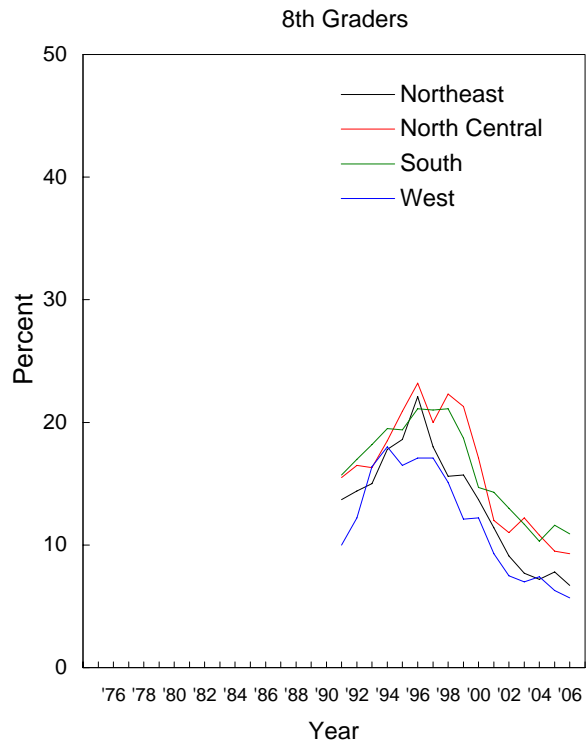
Cigarettes: Trends in 30-Day Prevalence by Gender



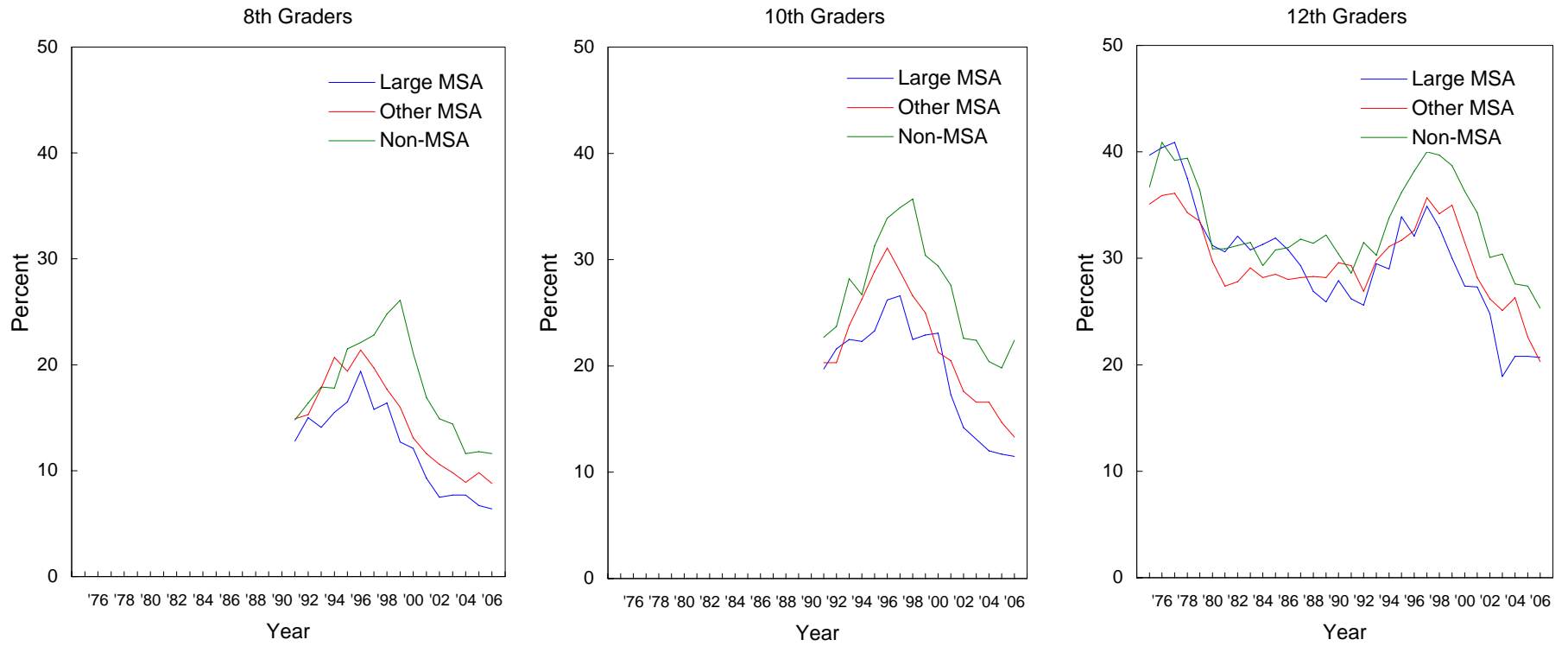
Cigarettes: Trends in 30-Day Prevalence by College Plans



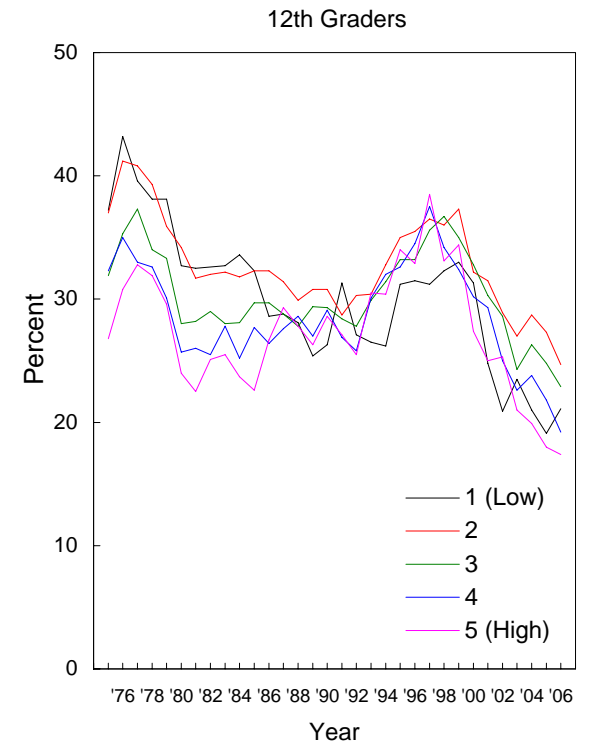
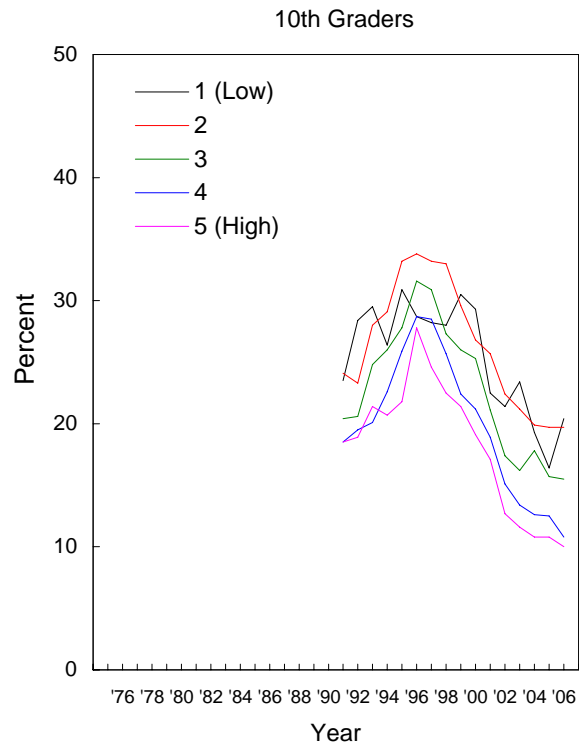
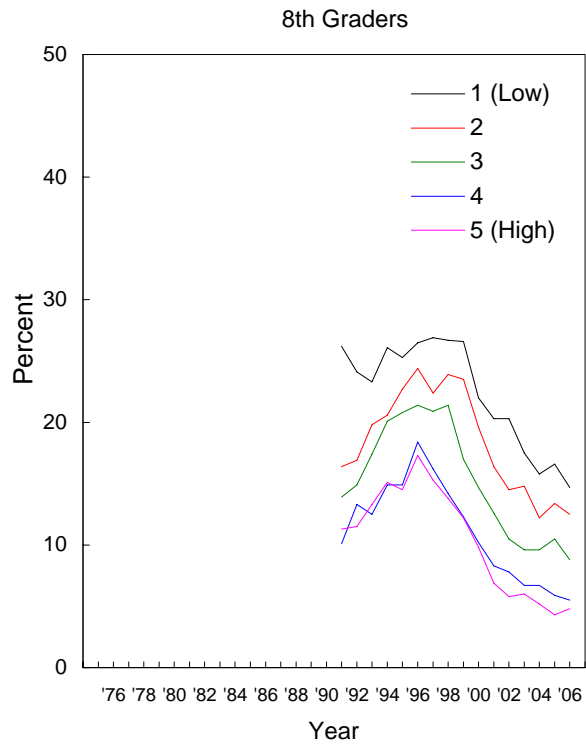
Cigarettes: Trends in 30-Day Prevalence by Region



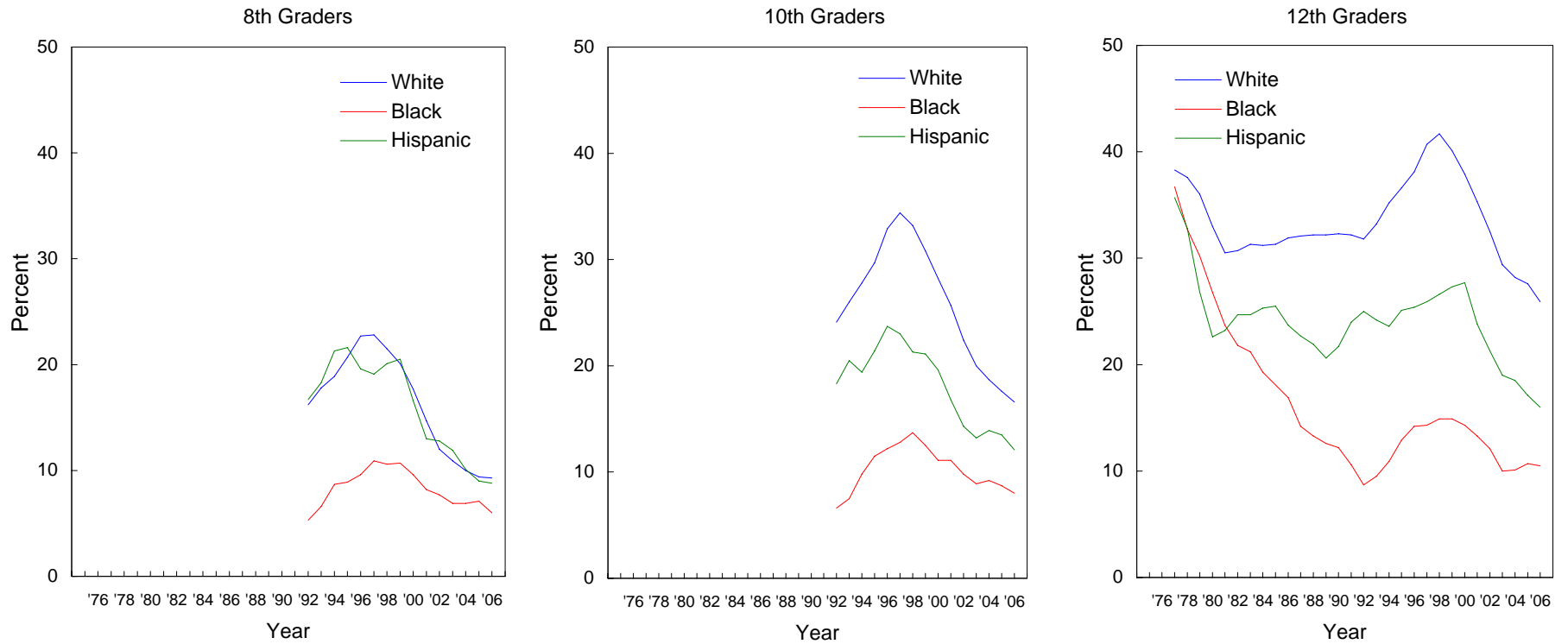
Cigarettes: Trends in 30-Day Prevalence by Population Density



Cigarettes: Trends in 30-Day Prevalence by Parents' Average Education

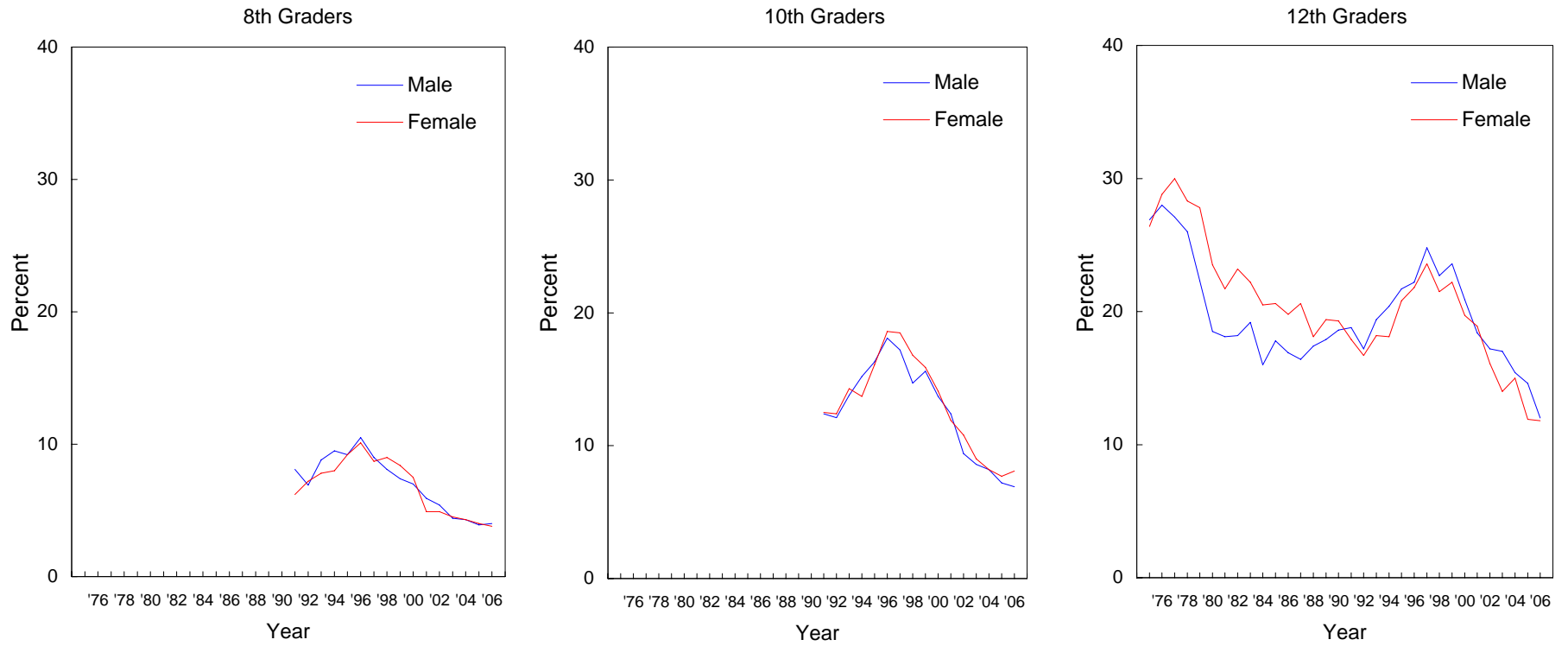


Cigarettes: Trends in 30-Day Prevalence by Race/Ethnicity*

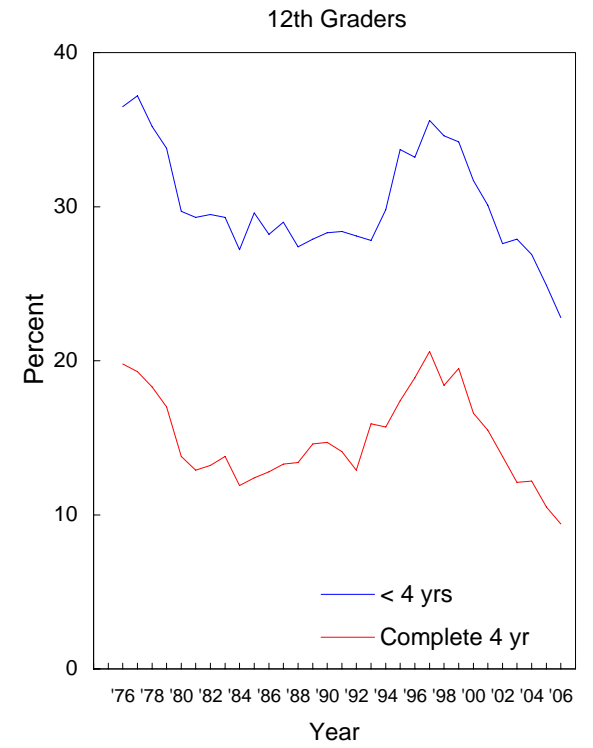
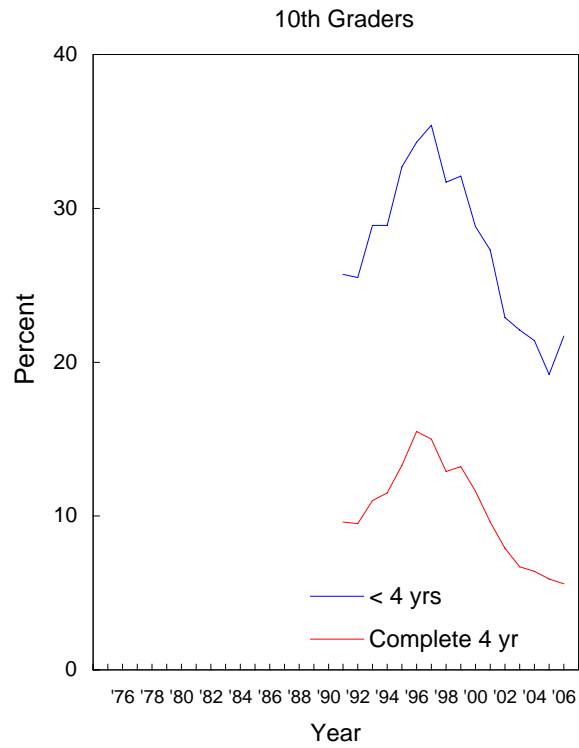
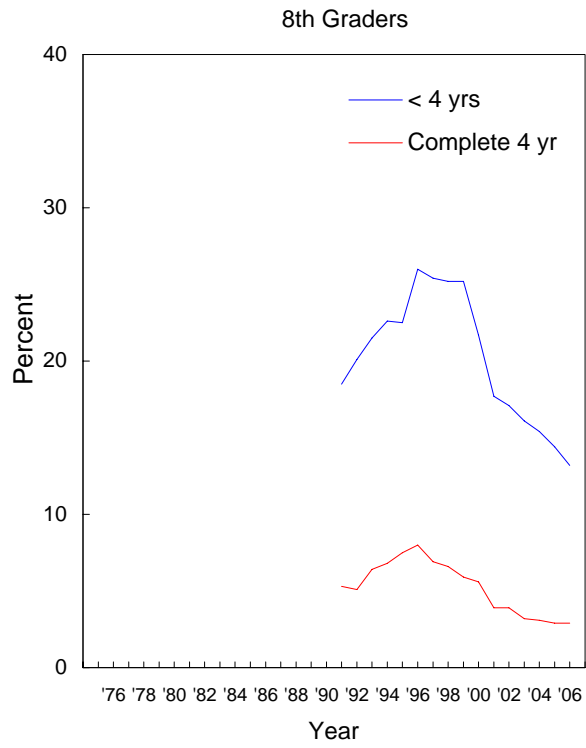


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

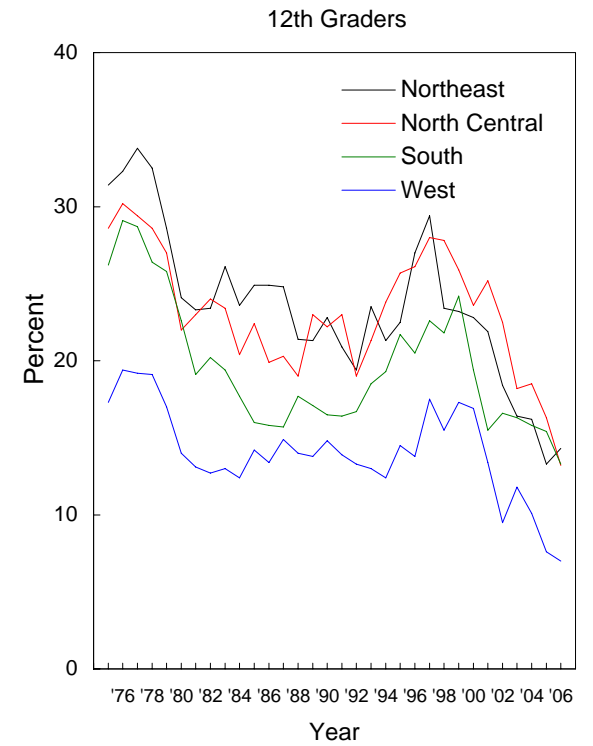
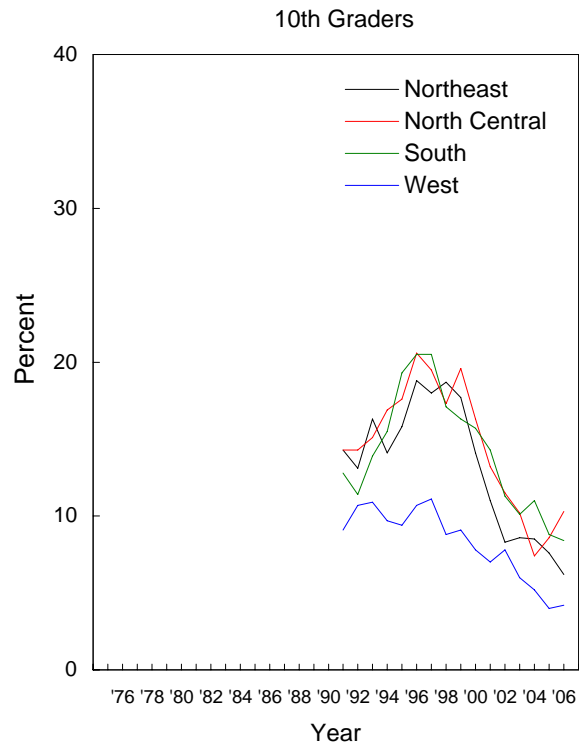
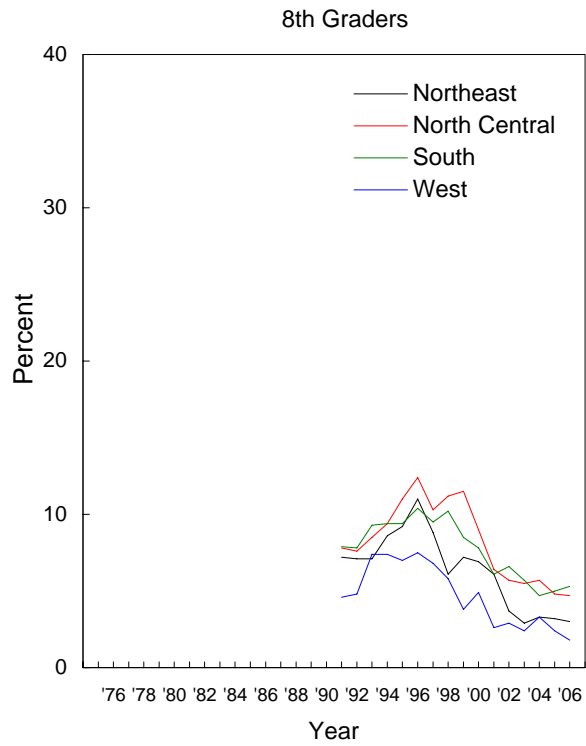
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Gender



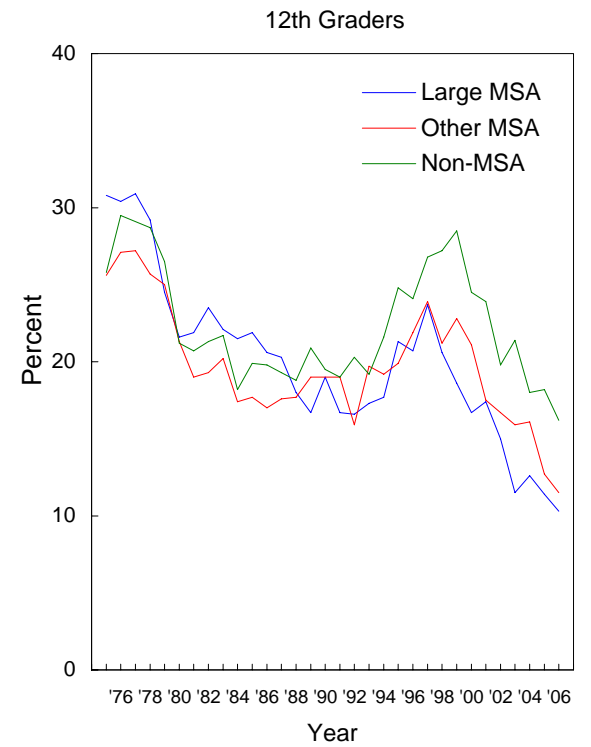
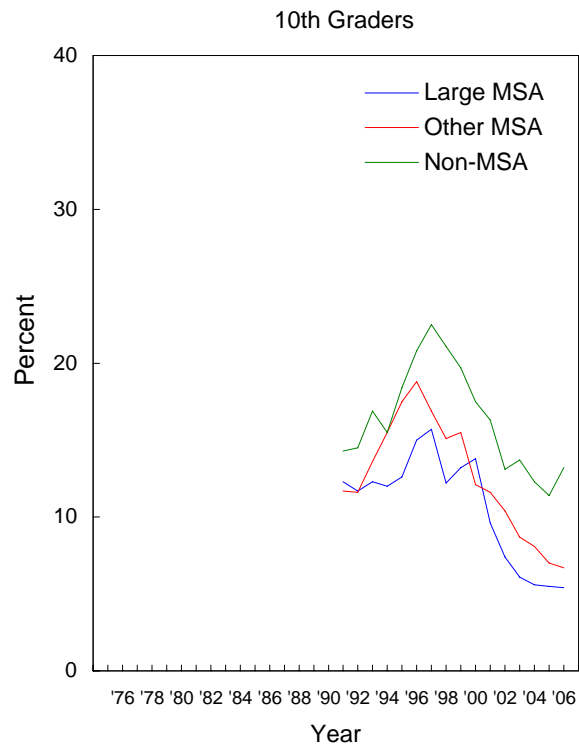
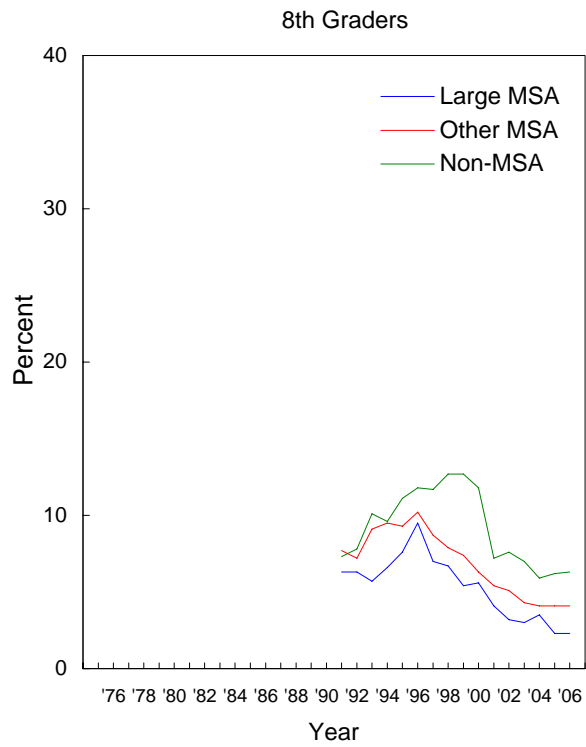
Cigarettes: Trends in 30-Day Prevalence of Daily Use by College Plans



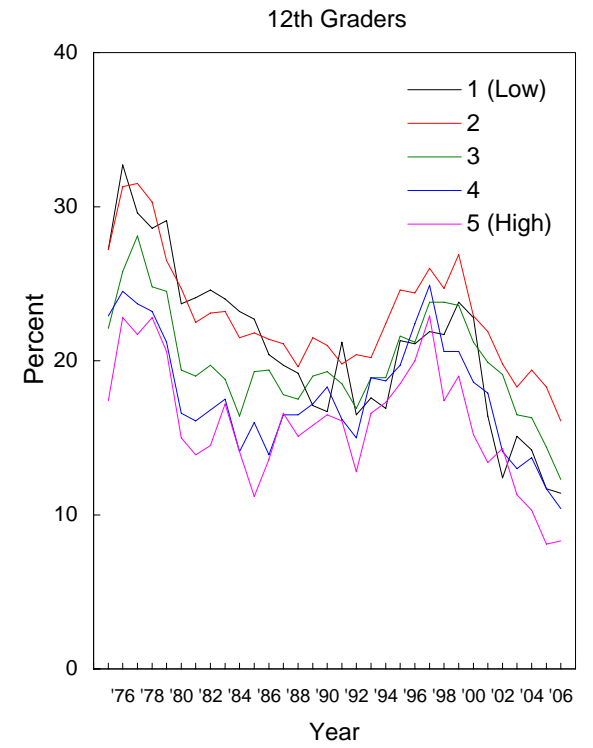
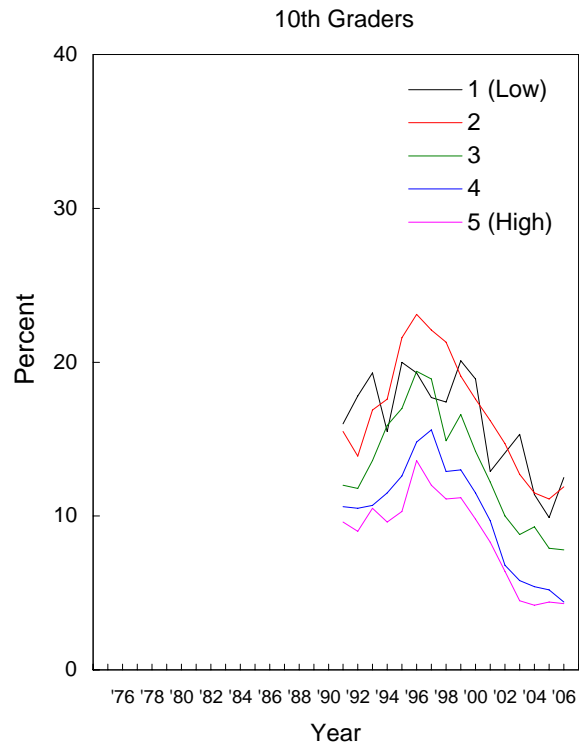
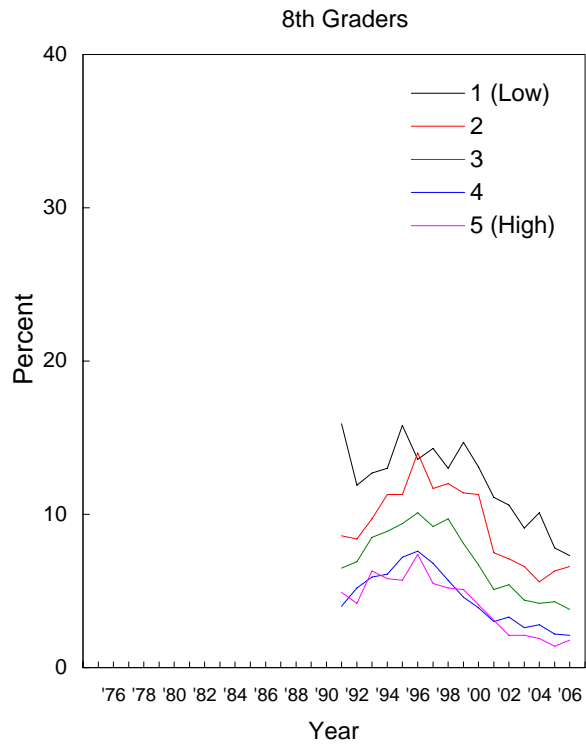
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Region



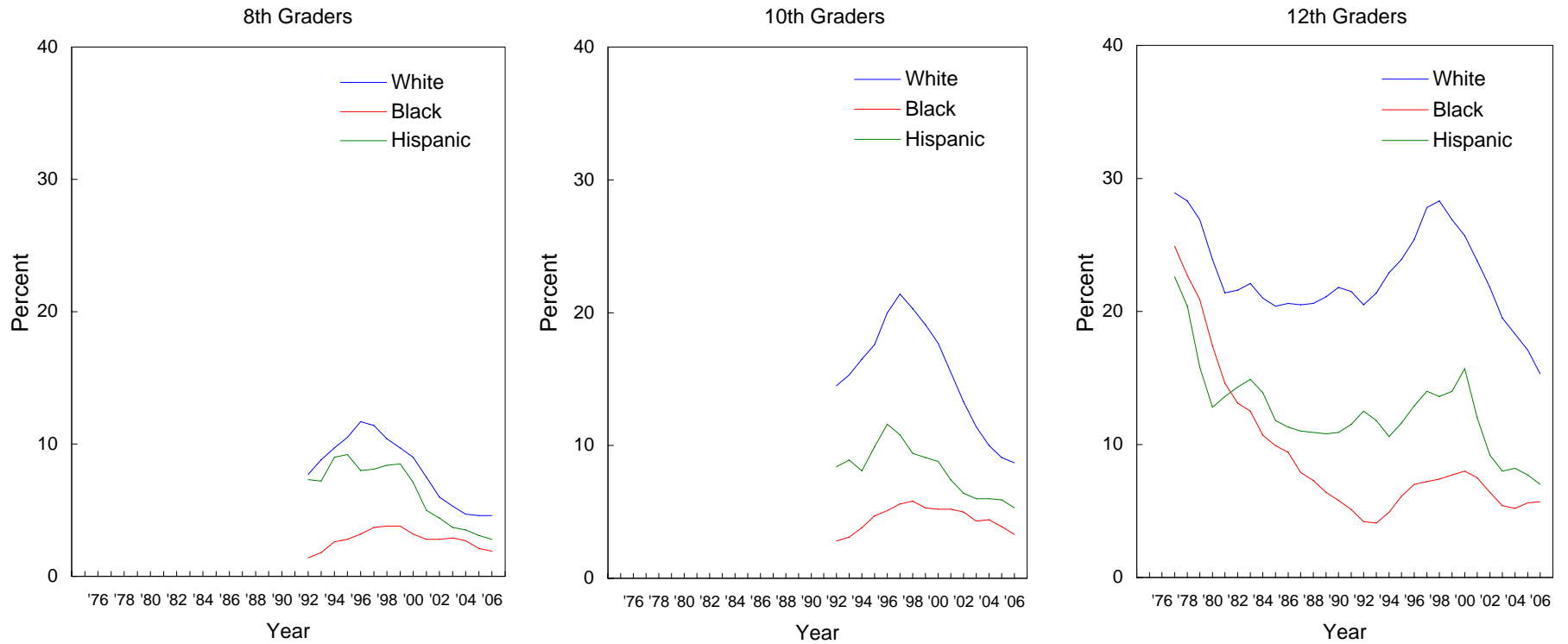
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Population Density



Cigarettes: Trends in 30-Day Prevalence of Daily Use by Parents' Average Education

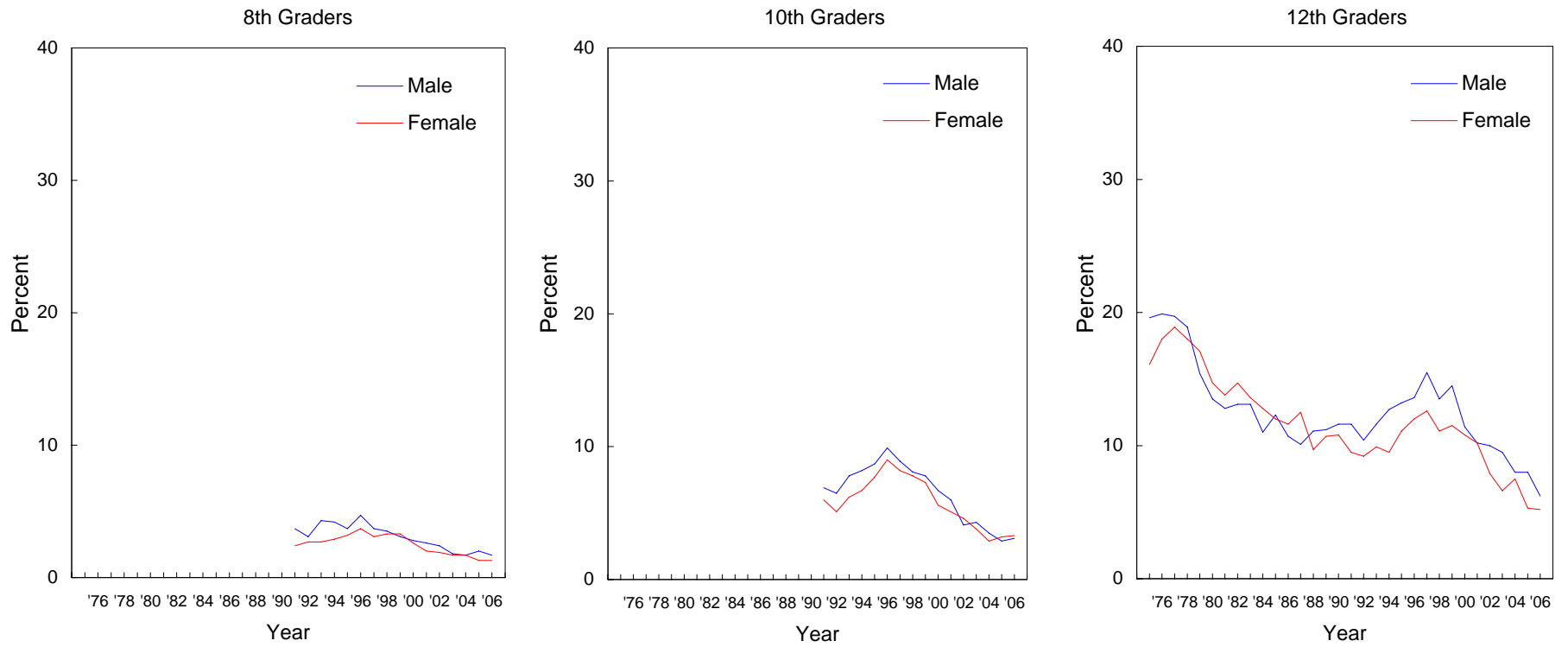


Cigarettes: Trends in 30-Day Prevalence of Daily Use by Race/Ethnicity*

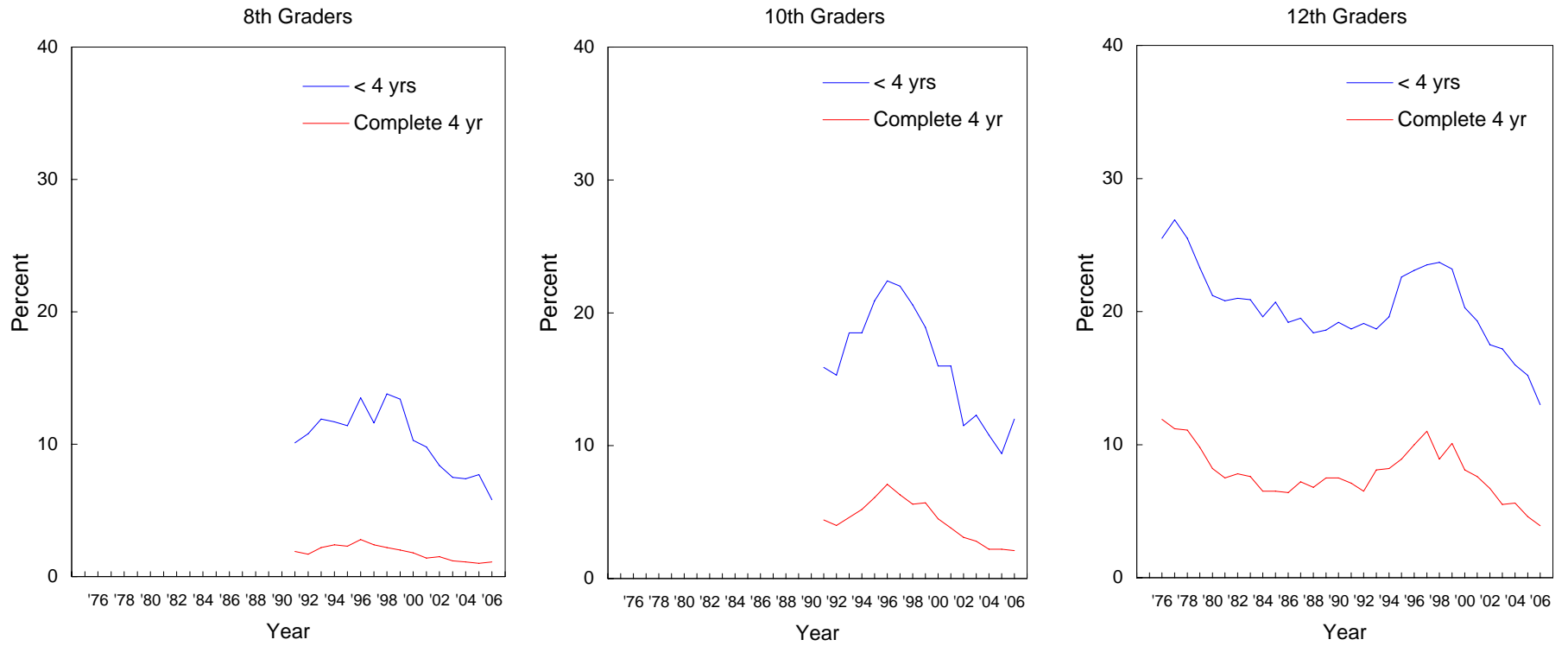


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

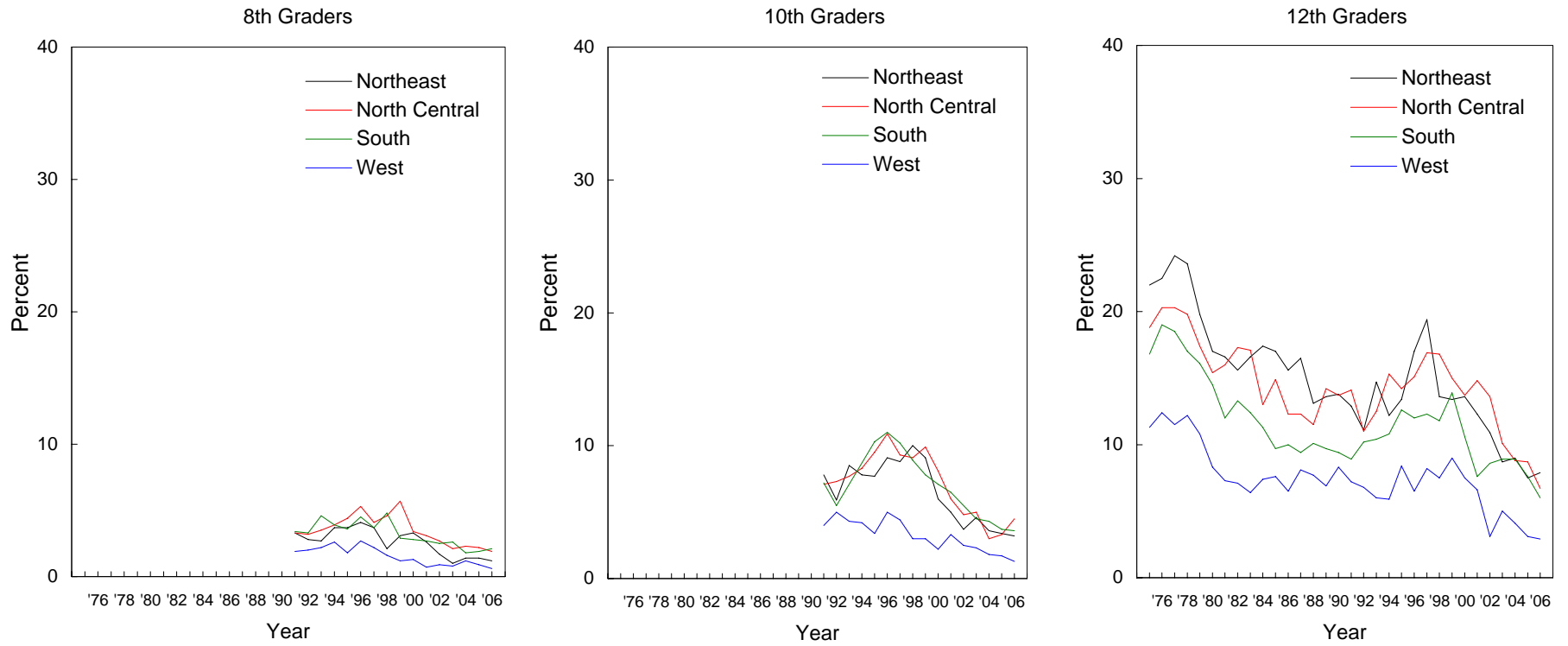
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Gender



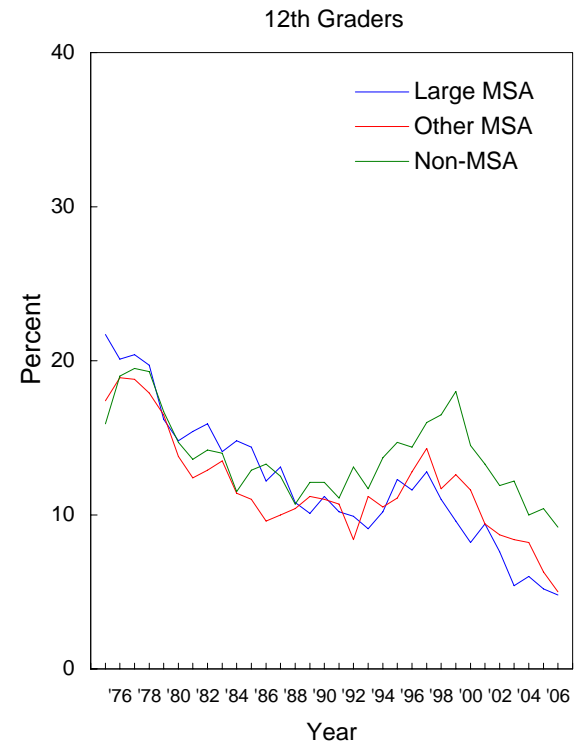
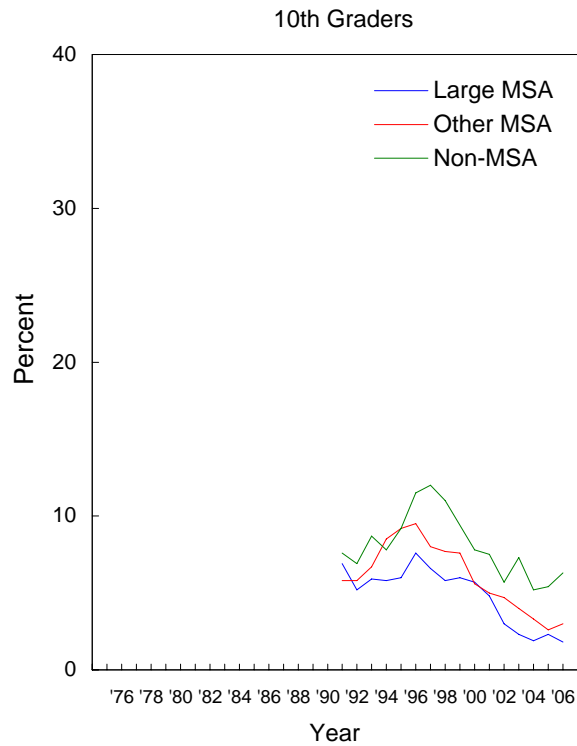
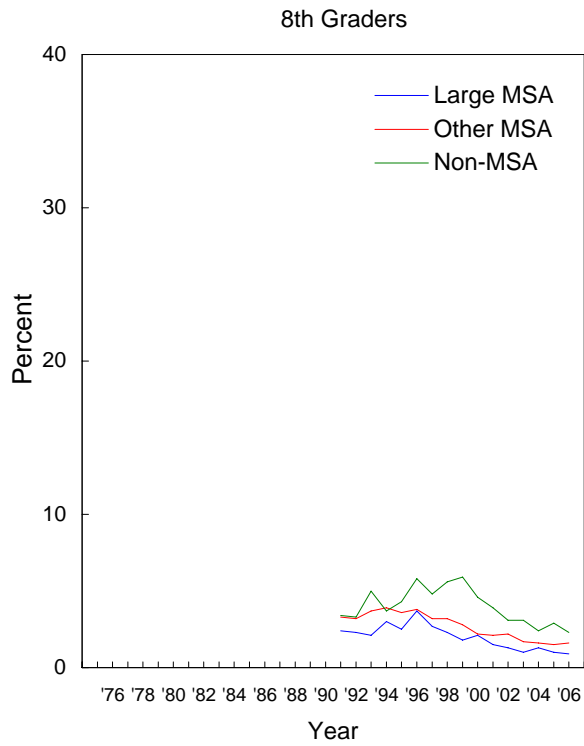
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by College Plans



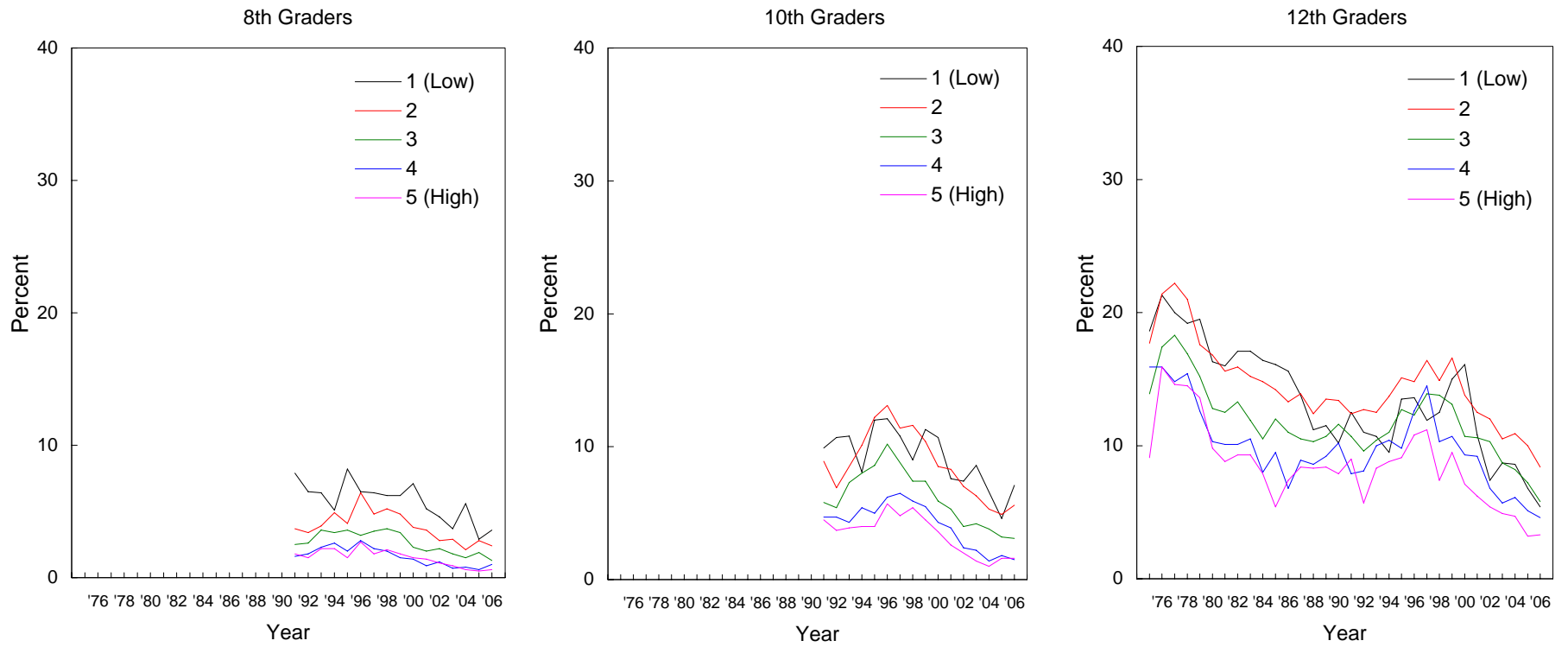
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Region



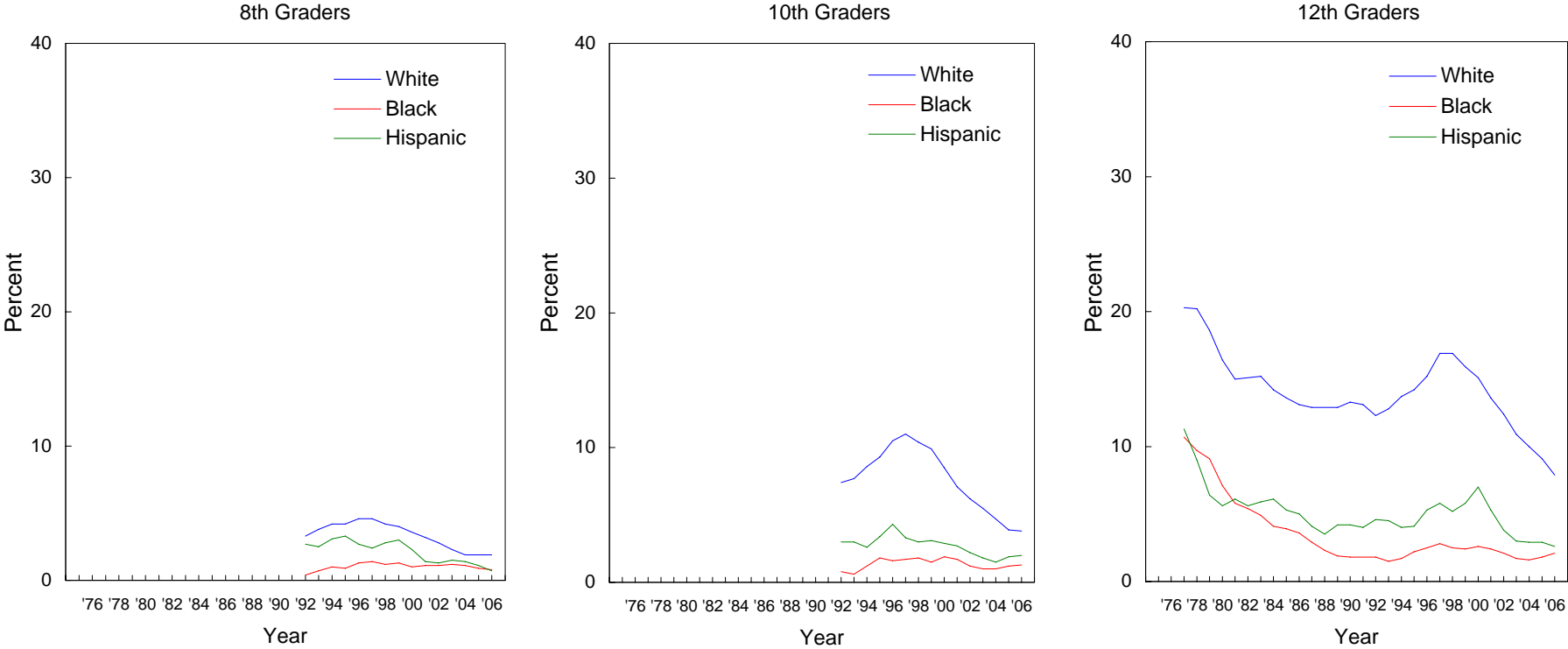
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Population Density



Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Parents' Average Education

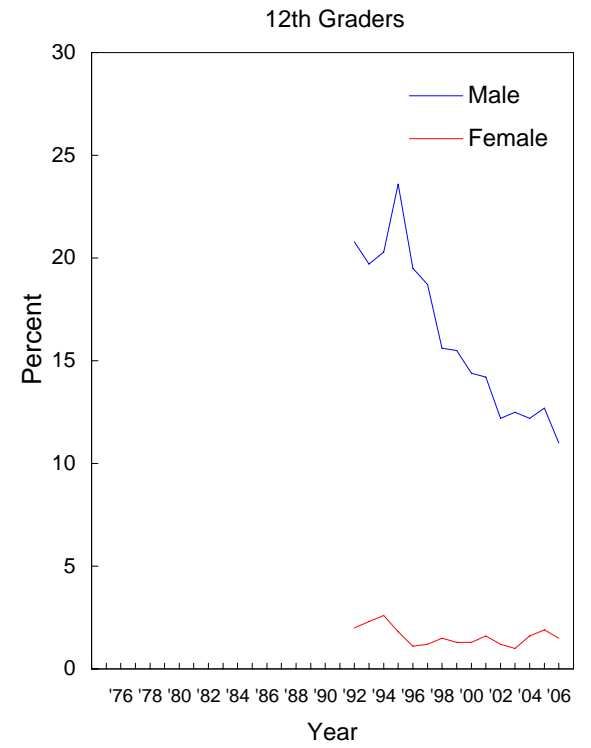
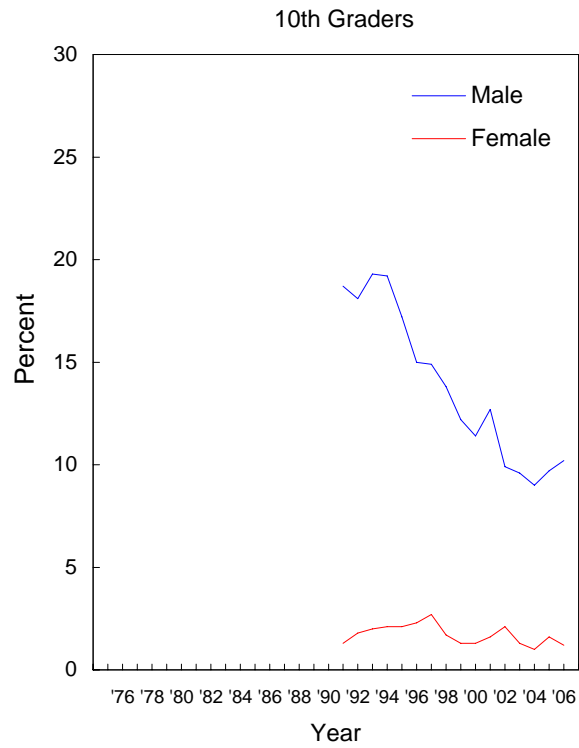
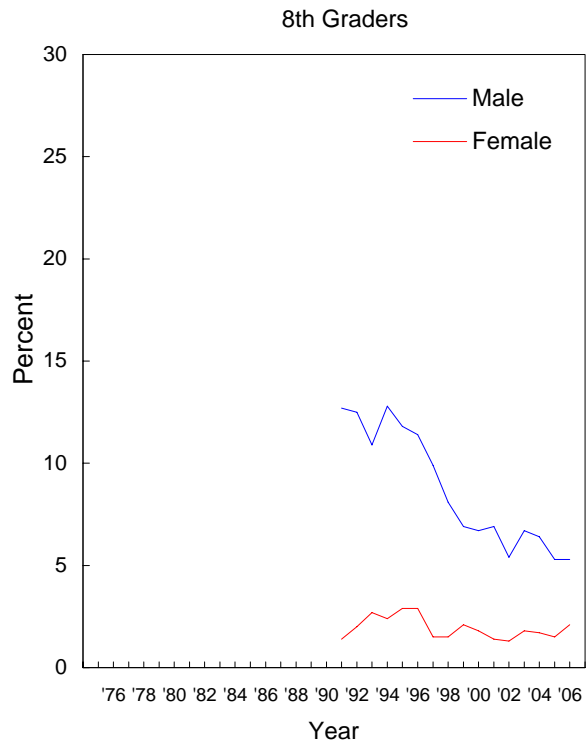


Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Race/Ethnicity*

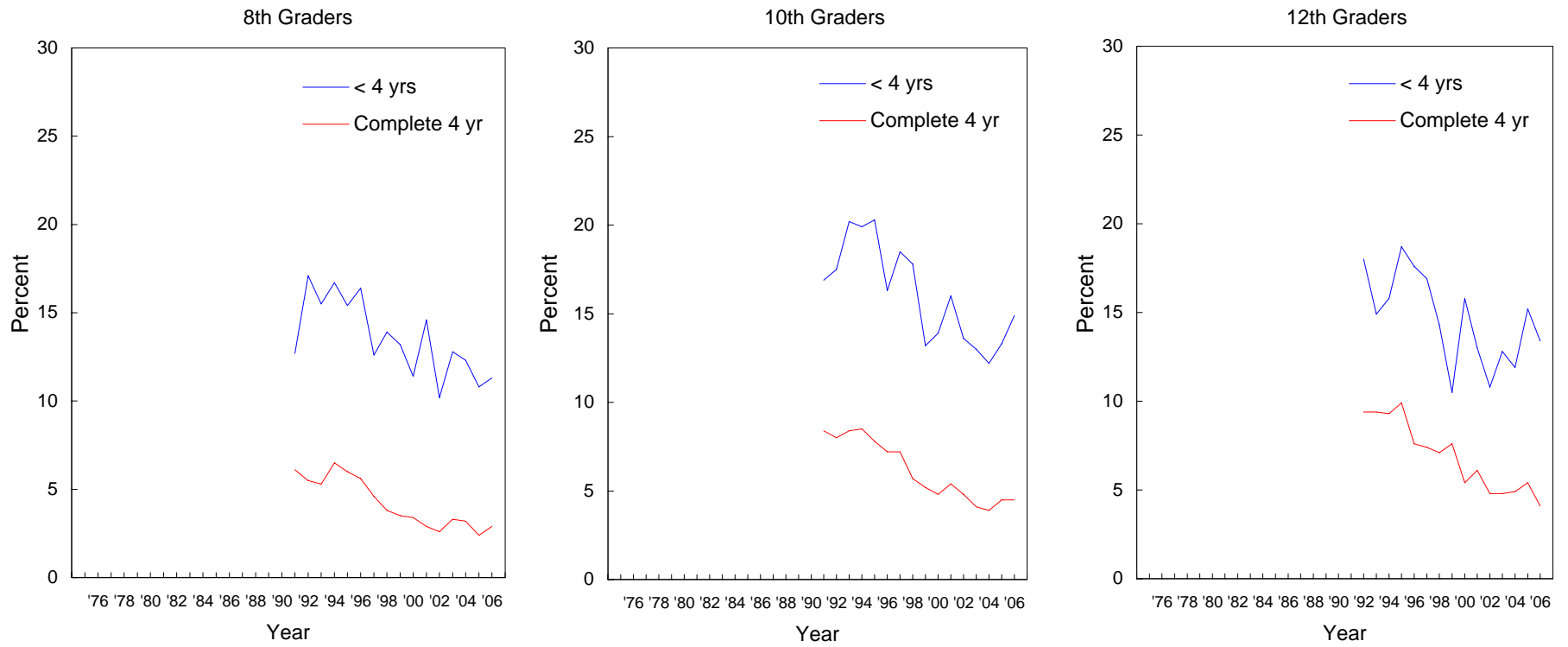


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

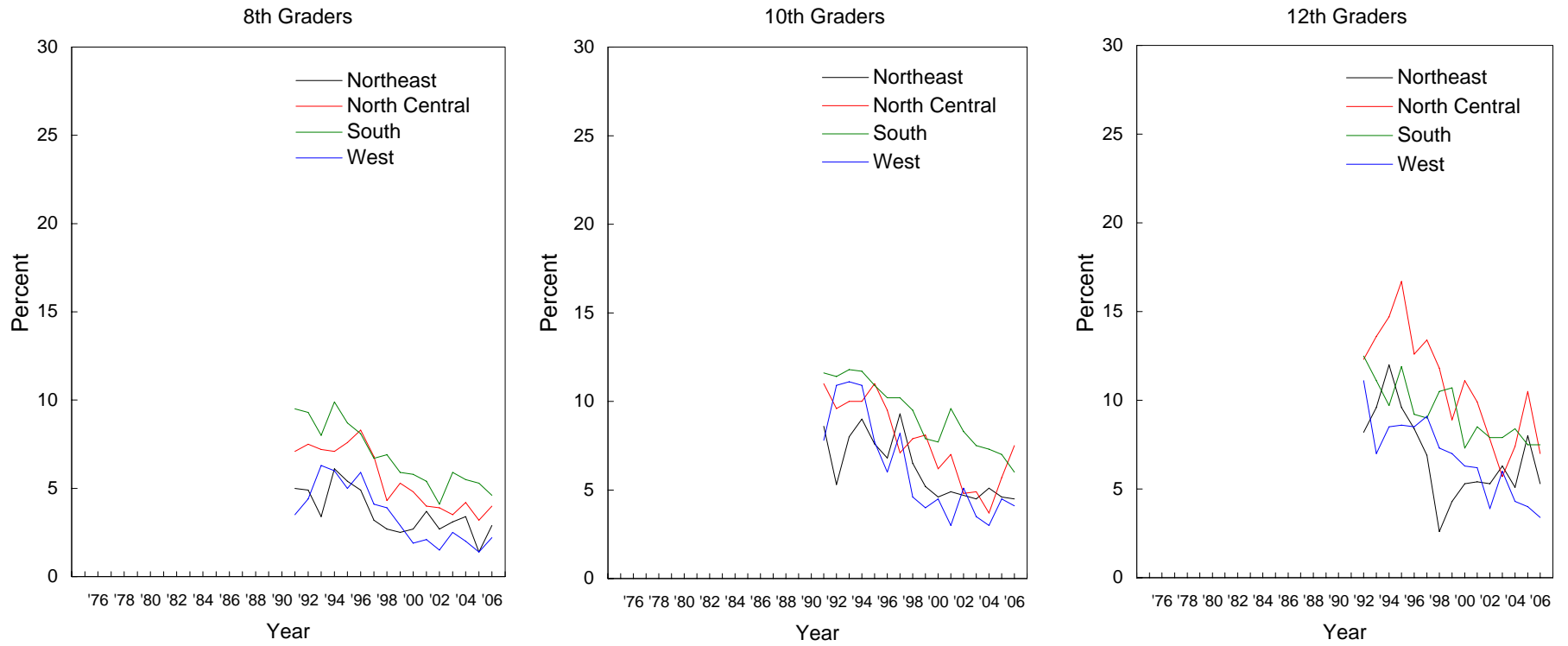
Smokeless Tobacco: Trends in 30-Day Prevalence by Gender



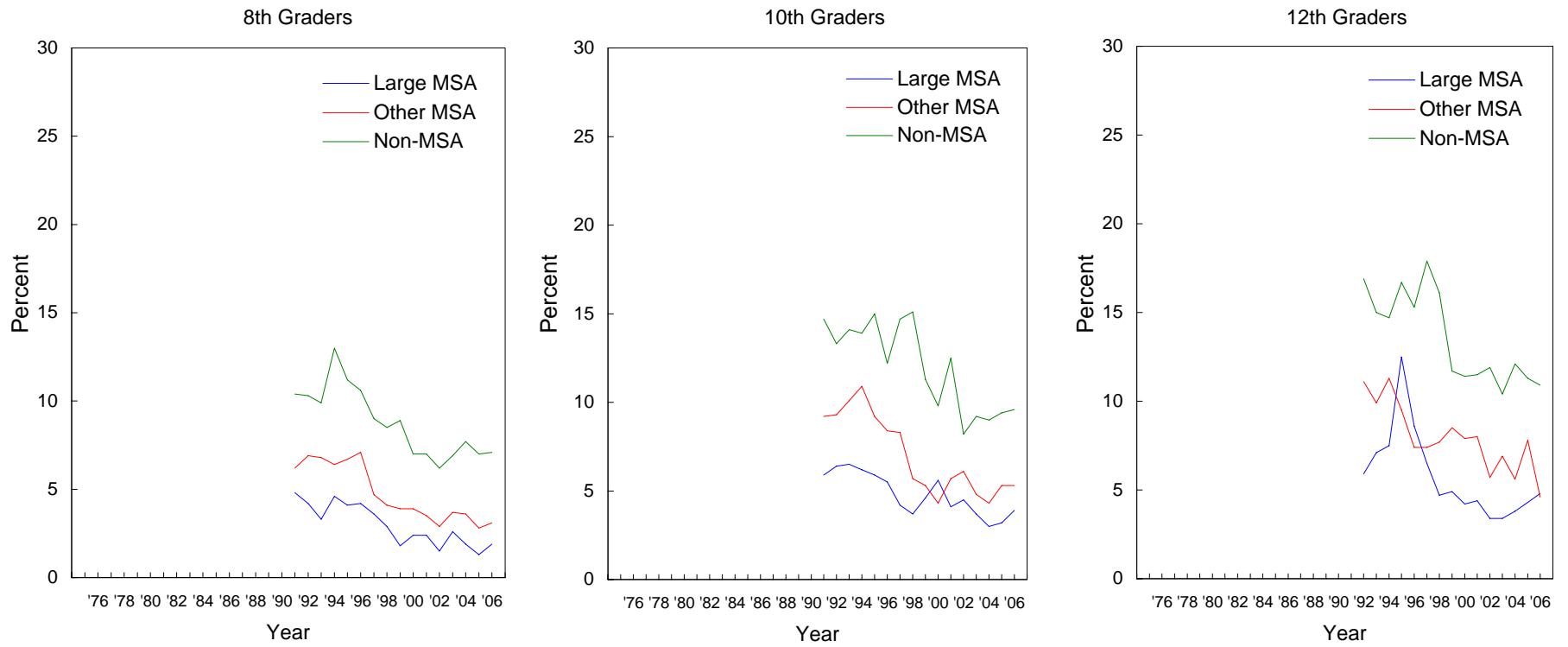
Smokeless Tobacco: Trends in 30-Day Prevalence by College Plans



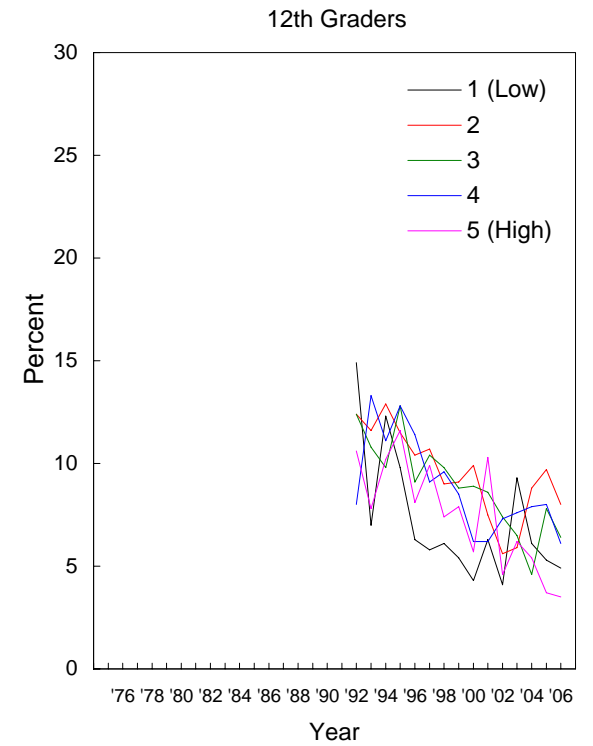
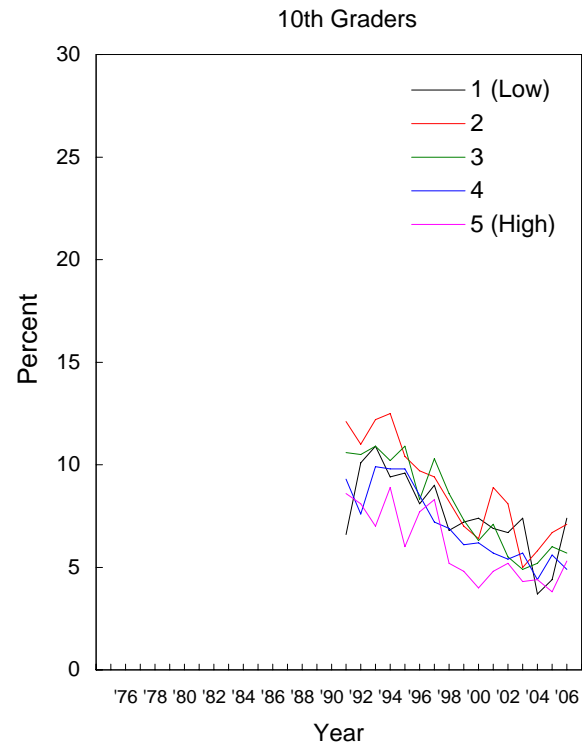
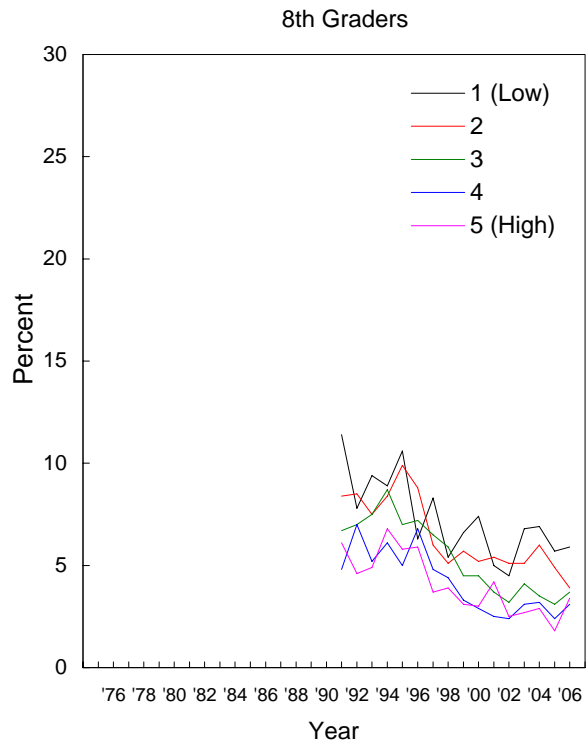
Smokeless Tobacco: Trends in 30-Day Prevalence by Region



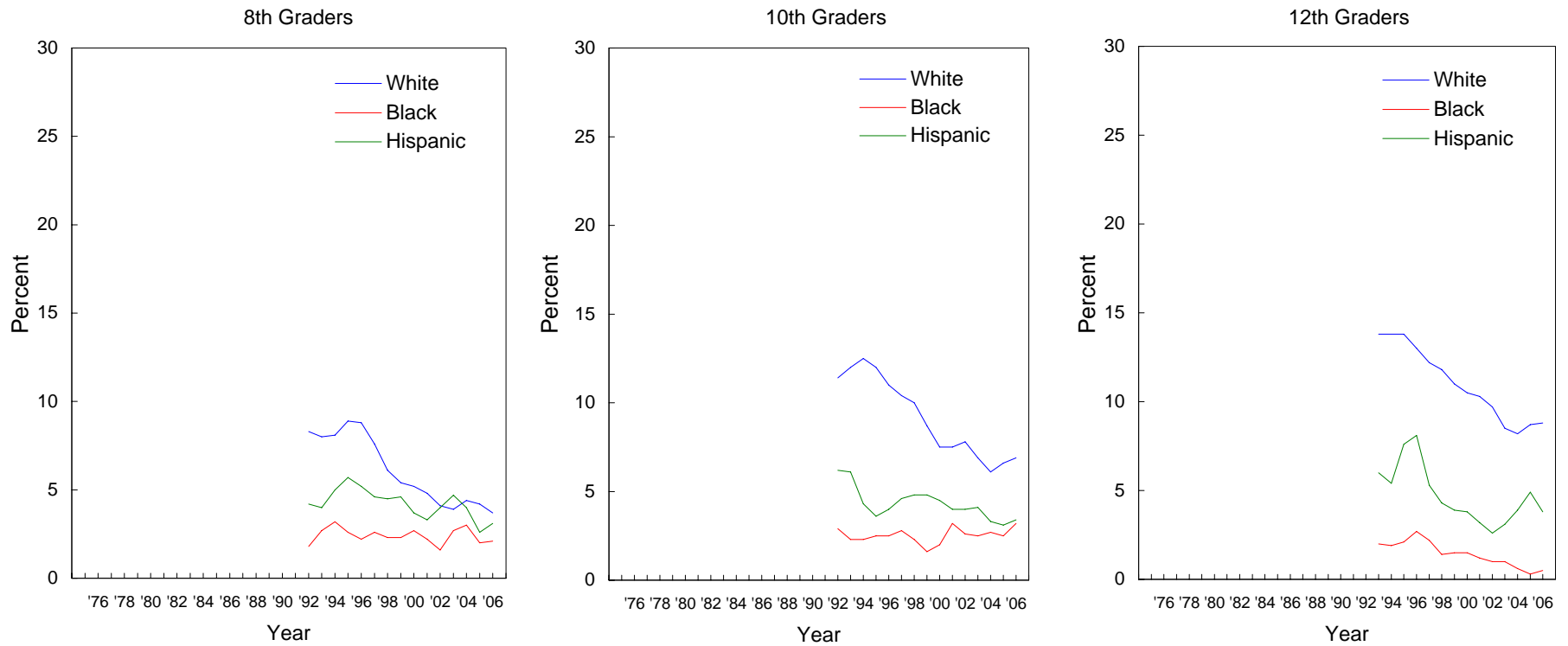
Smokeless Tobacco: Trends in 30-Day Prevalence by Population Density



Smokeless Tobacco: Trends in 30-Day Prevalence by Parents' Average Education

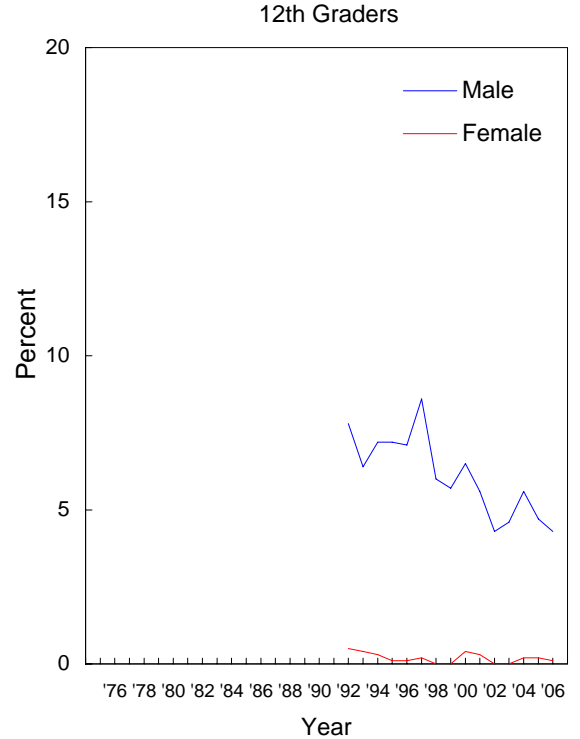
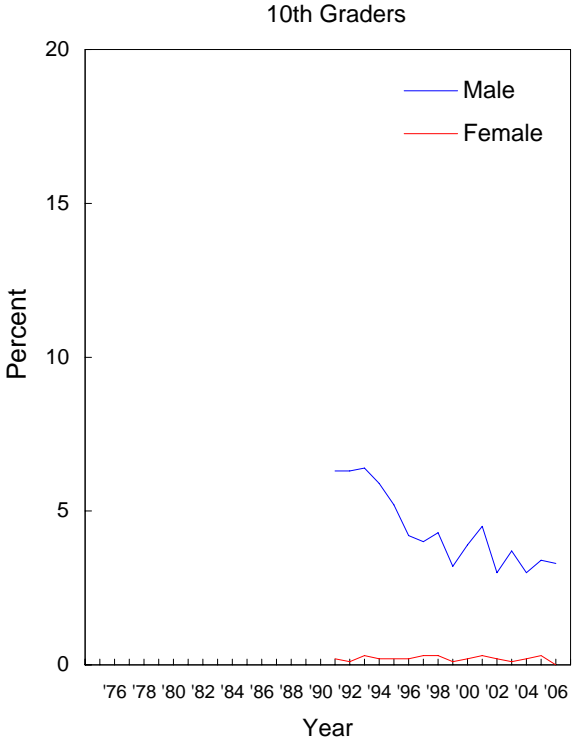
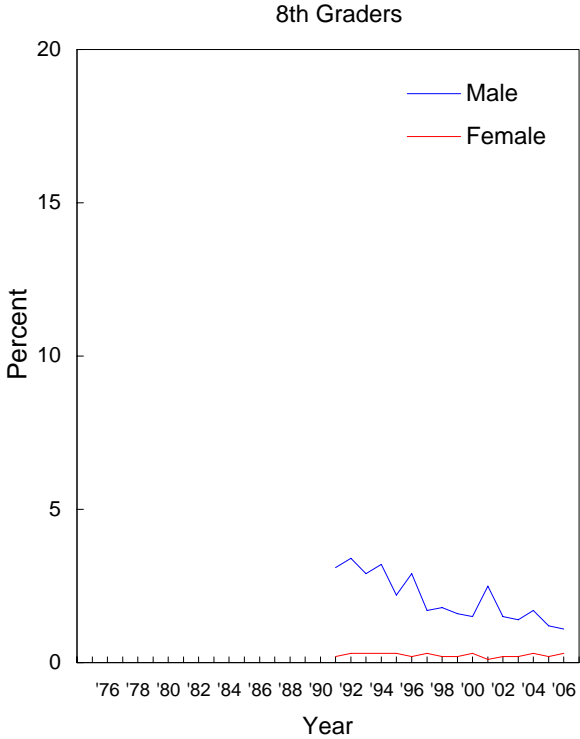


Smokeless Tobacco: Trends in 30-Day Prevalence by Race/Ethnicity*

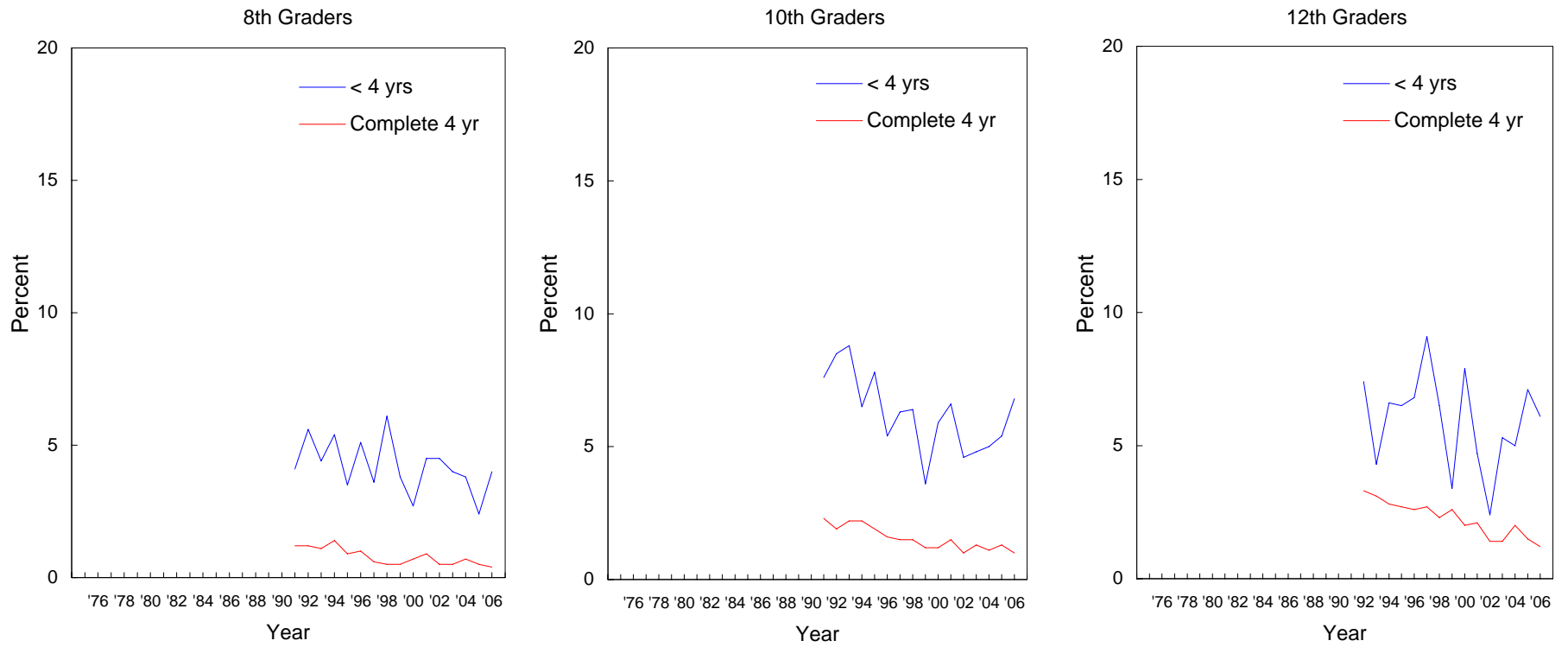


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

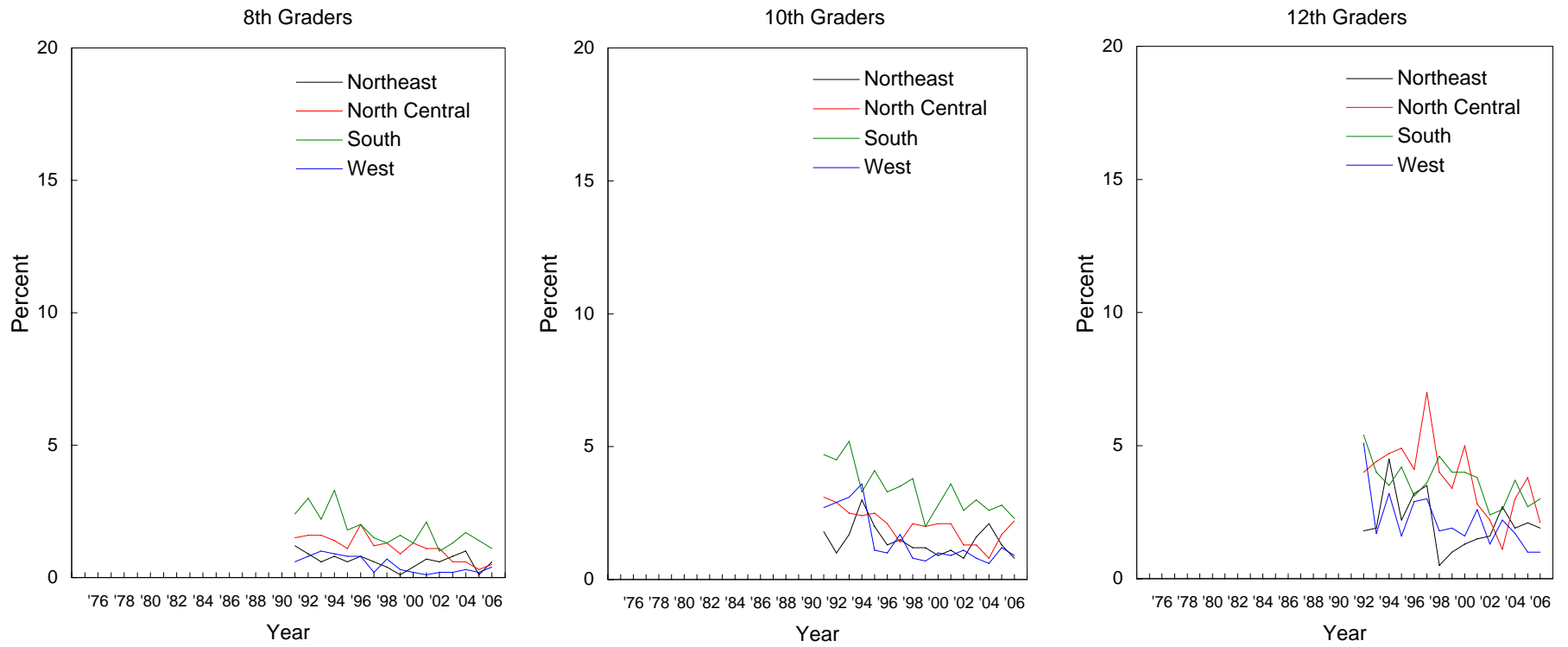
Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Gender



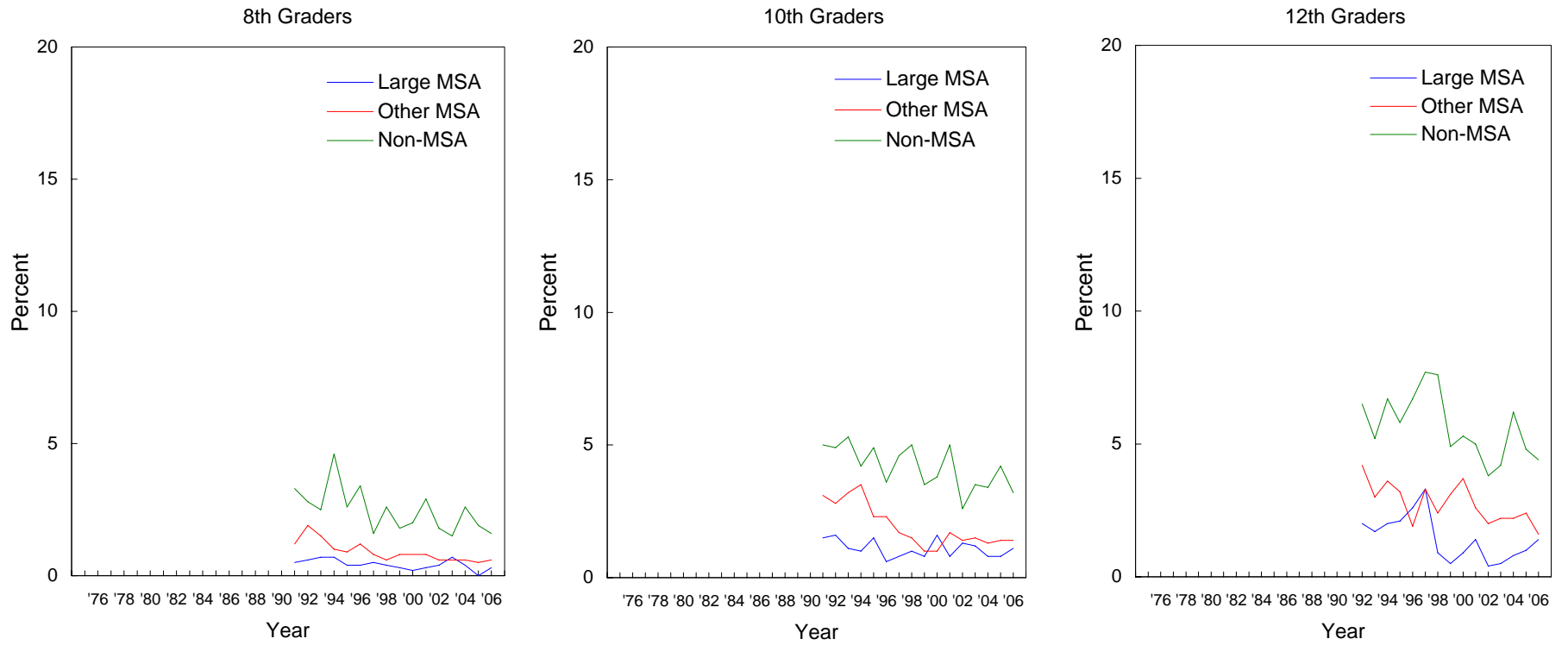
Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by College Plans



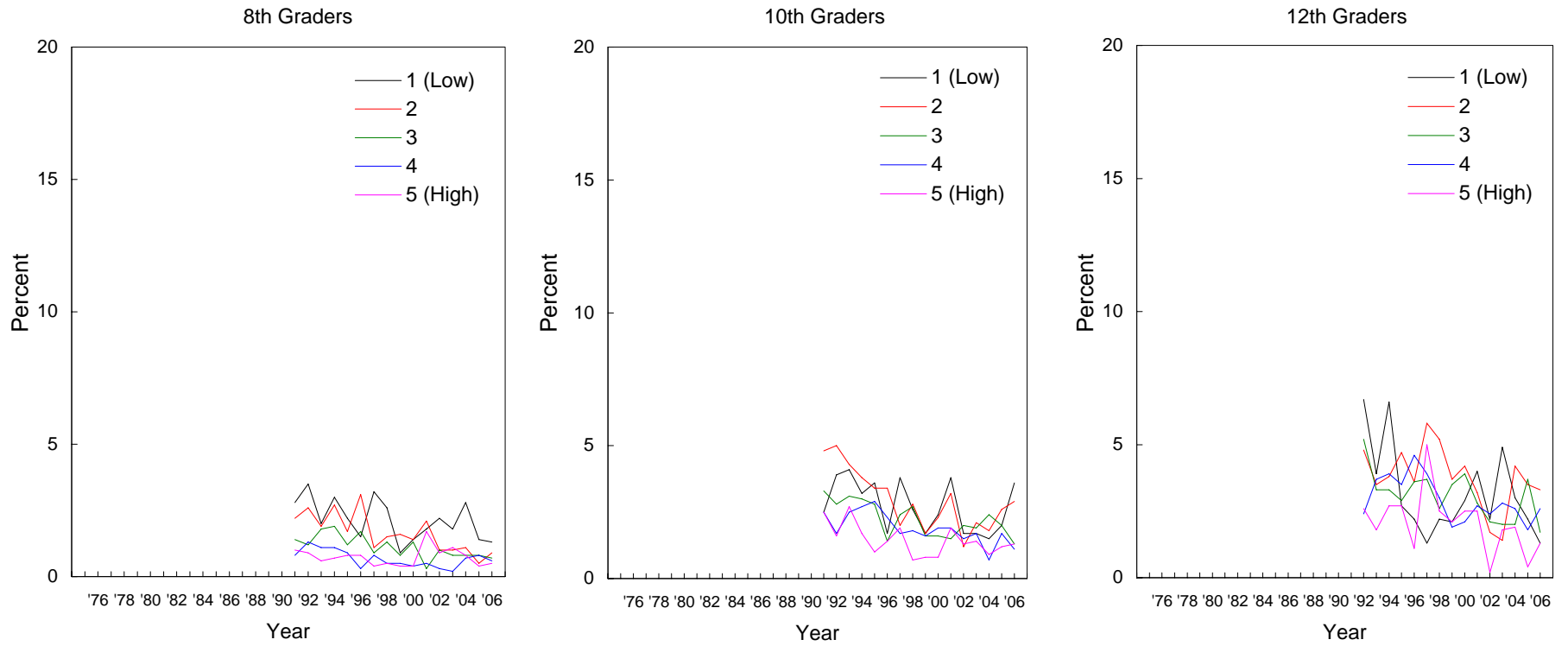
Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Region



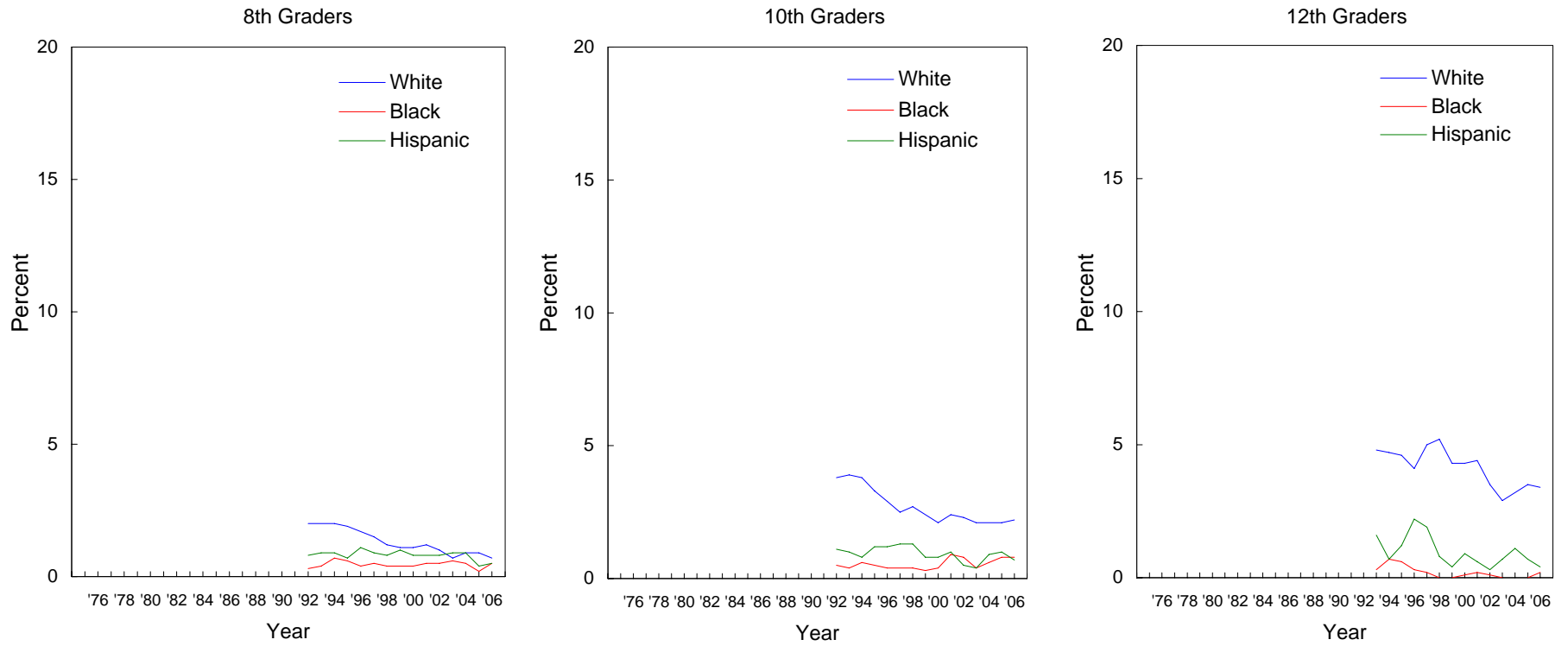
Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Population Density



Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Parents' Average Education

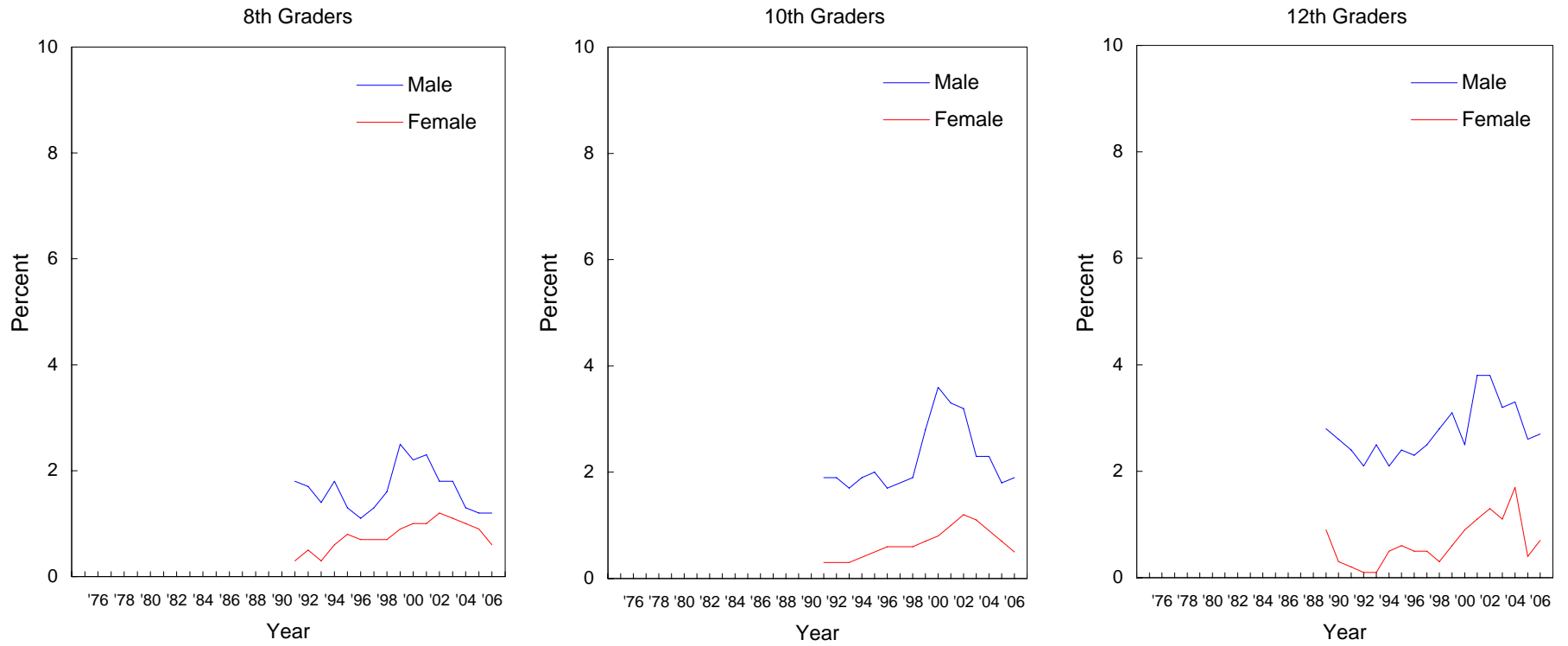


Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Race/Ethnicity*

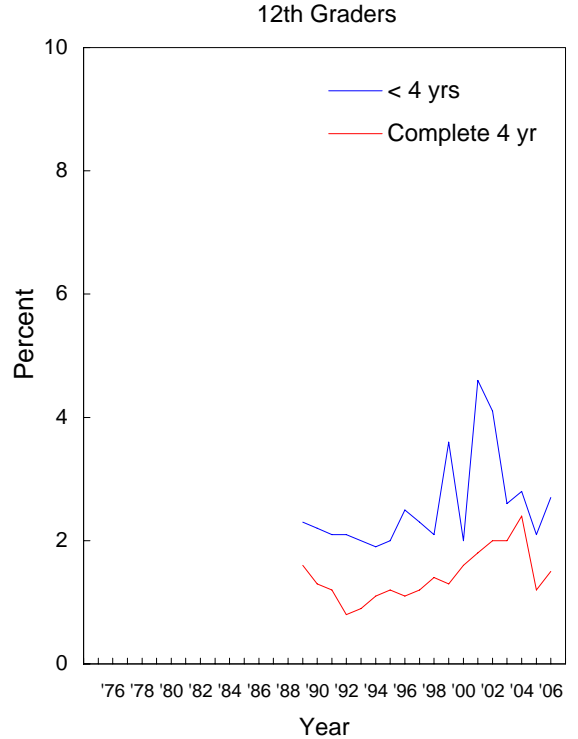
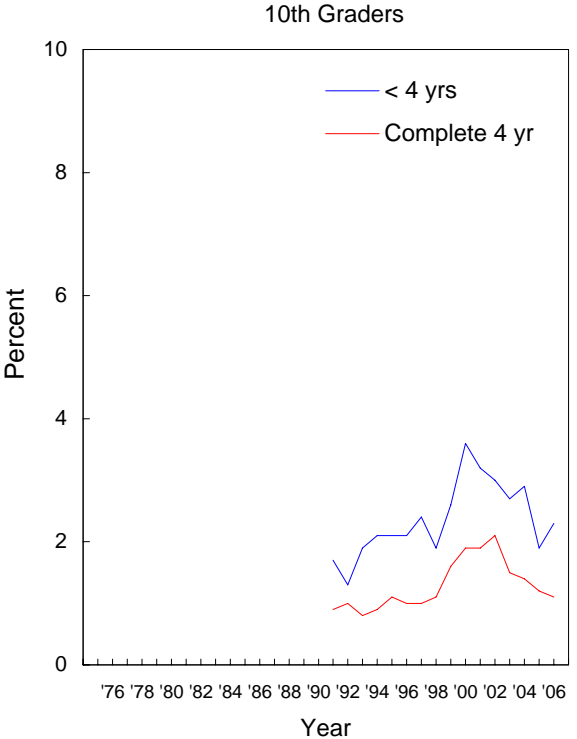
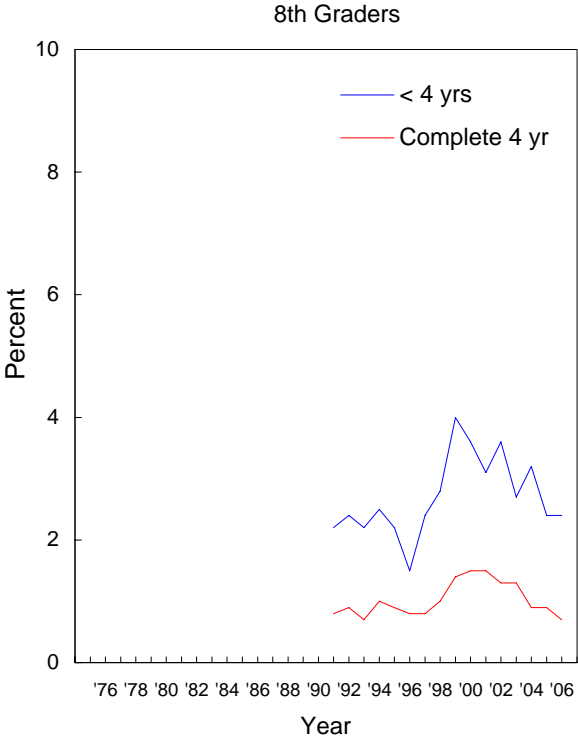


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

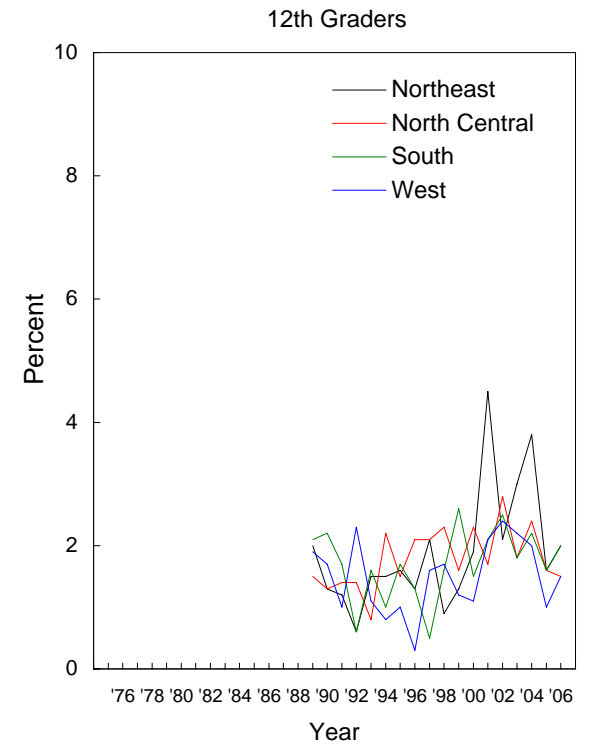
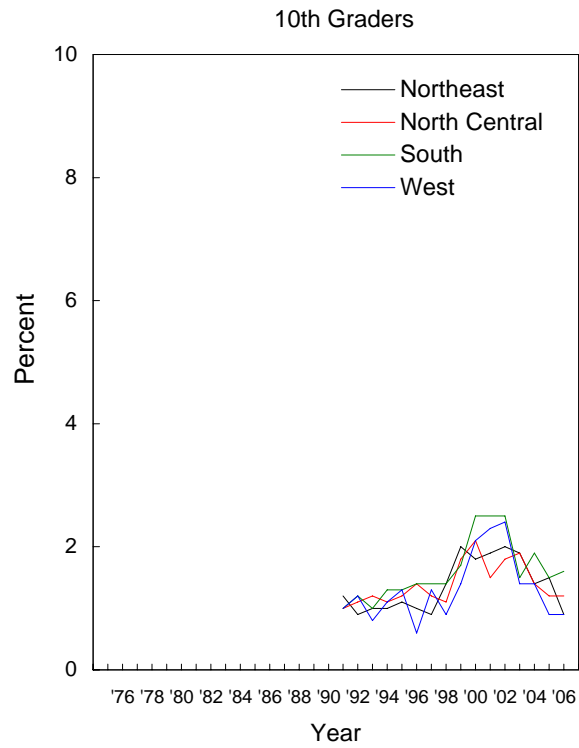
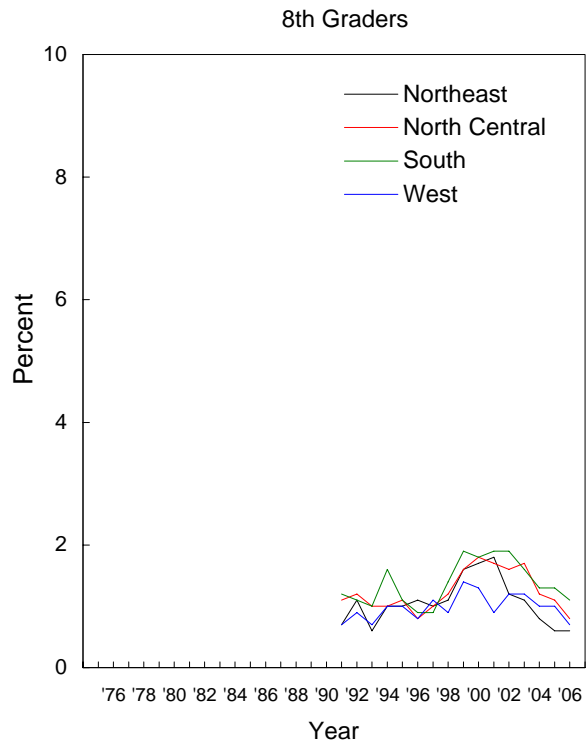
Steroids: Trends in Annual Prevalence by Gender



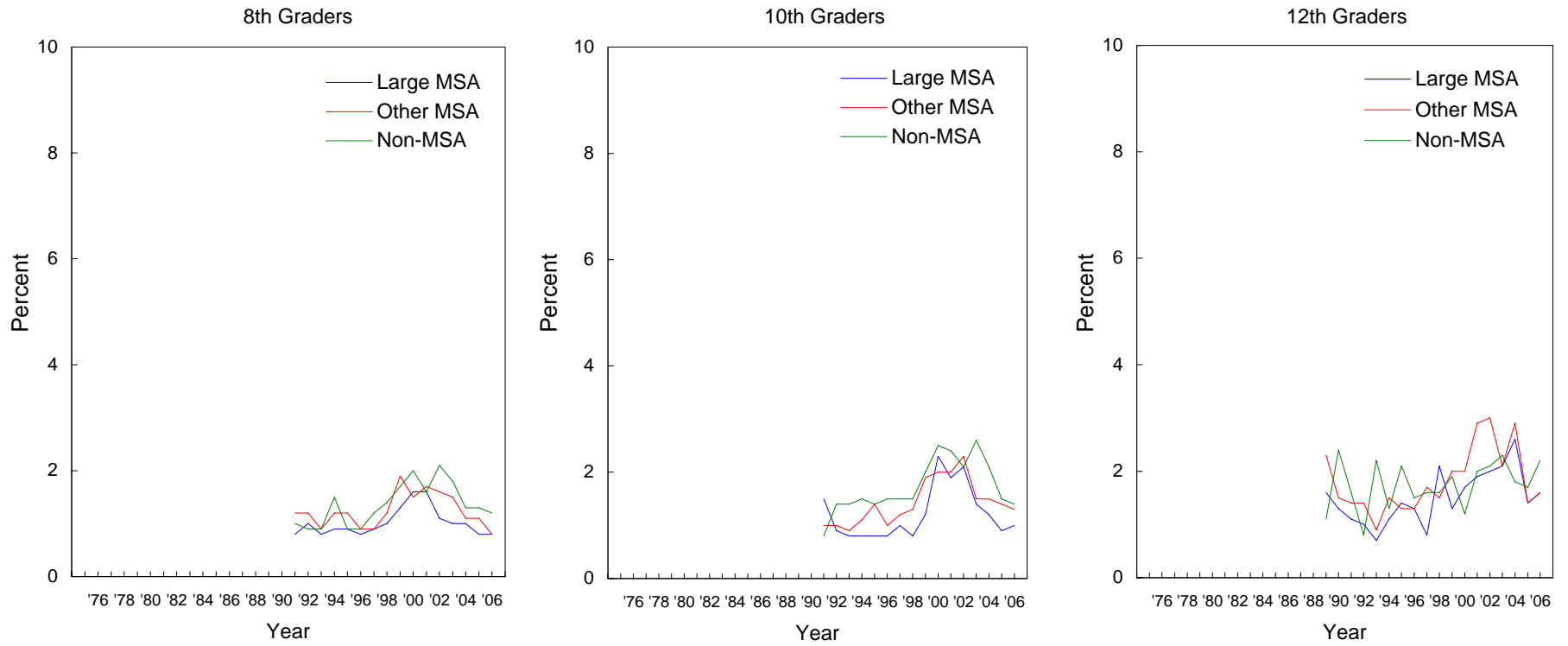
Steroids: Trends in Annual Prevalence by College Plans



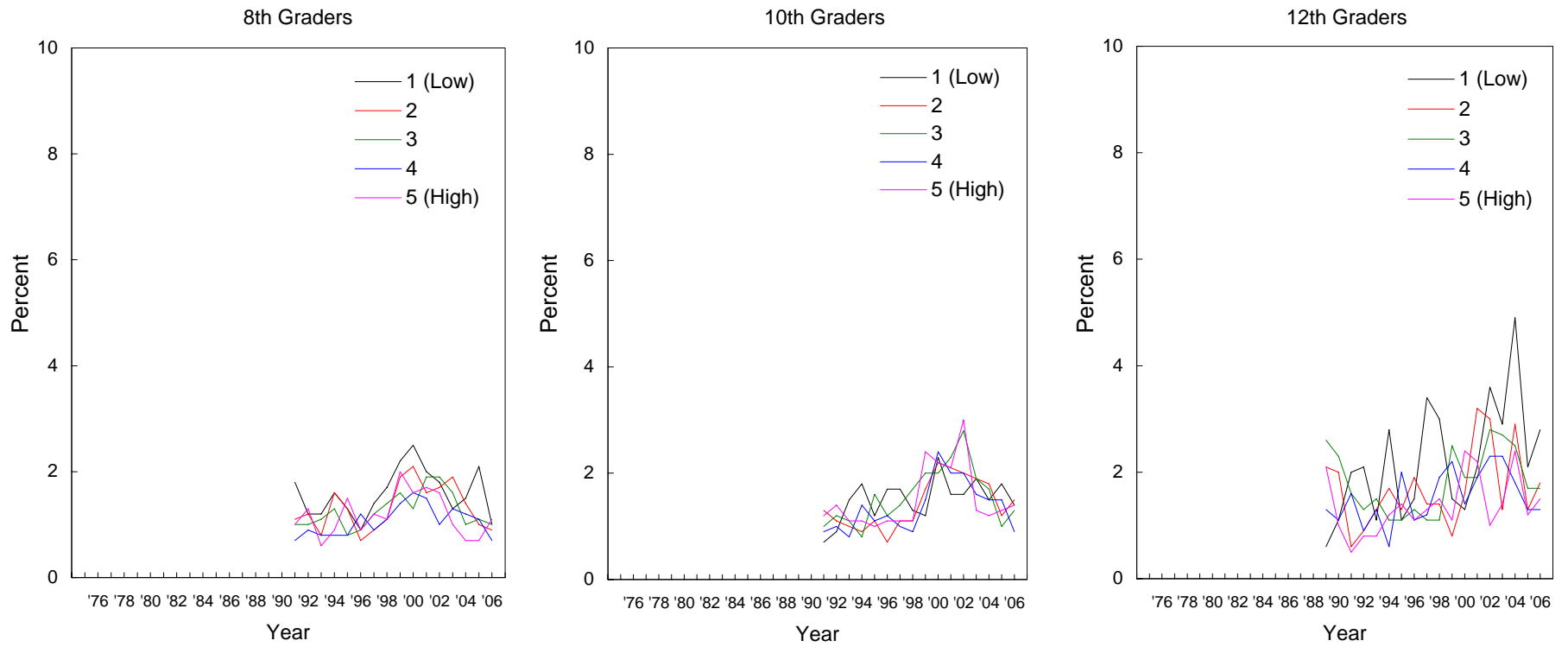
Steroids: Trends in Annual Prevalence by Region



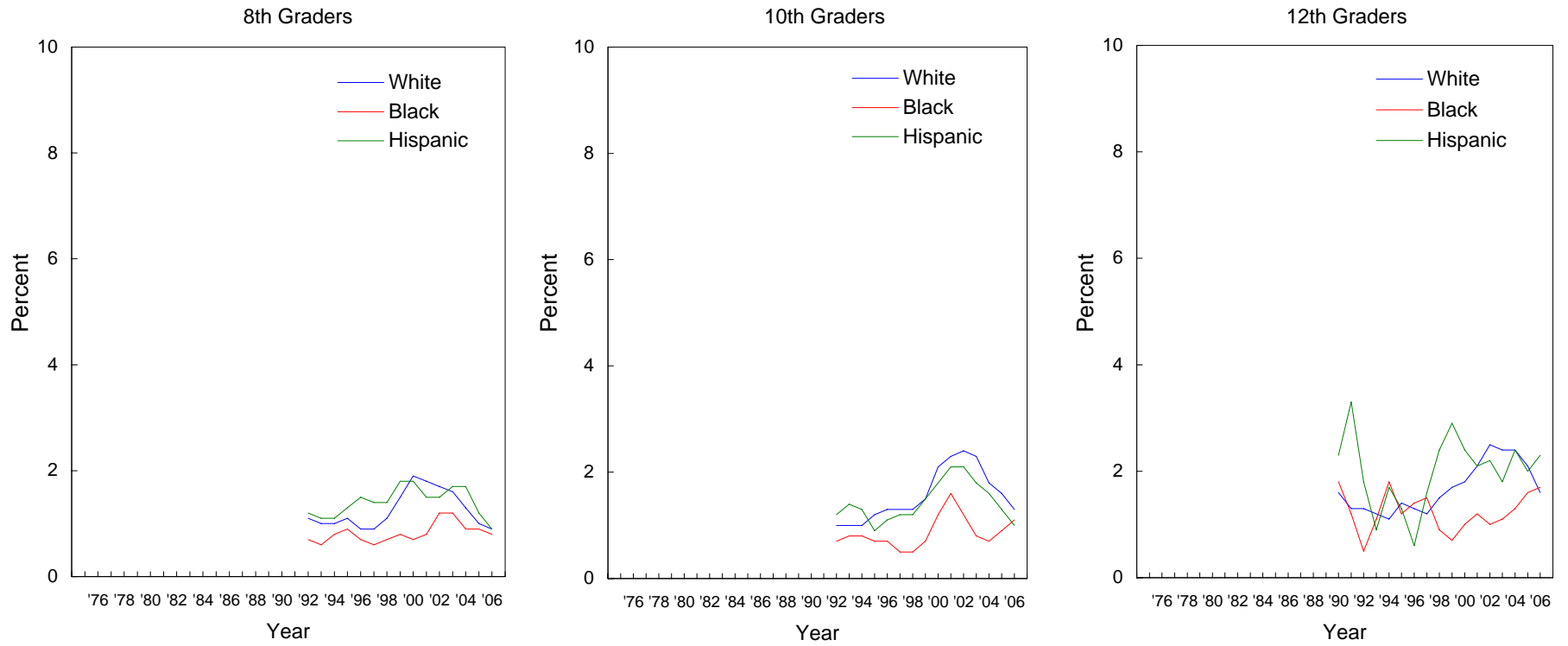
Steroids: Trends in Annual Prevalence by Population Density



Steroids: Trends in Annual Prevalence by Parents' Average Education



Steroids: Trends in Annual Prevalence by Race/Ethnicity*



*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Appendix B

DEFINITION OF BACKGROUND AND DEMOGRAPHIC SUBGROUPS

Throughout this volume, data are presented for the total sample of 8th, 10th, and 12th graders. Data are also presented for many subgroups of students. The following are brief descriptions of the background and demographic subgroups used in this volume. (Note: All case counts provided in the tables are based on weighted *N*s.)

Total: The total sample of respondents in a given year of the study.

Gender: *Male and female.* Respondents with missing data on the question asking the respondent's gender are omitted from the data presented by gender.

College

Plans: Respondents not answering the college plans question are omitted from both groupings. College plans groupings are defined as follows, based on the respondent's answer to the question about his or her expectation of graduating from a four-year college:

None or under four years. Respondents who indicate they “definitely won’t” or “probably won’t” graduate from a four-year college program. (Note that, among those who do not expect to complete a four-year college program, a number still expect to get some postsecondary education.)

Complete four years. Respondents who indicate they “definitely will” or “probably will” graduate from a four-year college program.

Region: Region of the country in which the respondent's school is located. There are four mutually exclusive regions of the country based on Census categories, defined as follows:

Northeast. Census classifications of New England and Middle Atlantic states consist of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

North Central (Midwest). Census classifications of East North Central and West North Central states consist of Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas.

South. Census classifications of South Atlantic, East South Central, and West South Central states consist of Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas.

West. Census classifications of Mountain and Pacific states consist of Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Population

Density: Population density of the area in which the schools are located. There are three mutually exclusive groups that have been variously defined, as described below. (The 1975–1985 samples were based on the 1970 Census; in 1986 one half of the sample was based on the 1970 Census, and the other half of the sample was based on the 1980 Census. In 1987 through 1993 the samples were based on the 1980 Census; in 1994 half of the sample was based on the 1980 Census and half on the 1990 Census. The 2006 first-year schools come from a sample design that utilizes 2000 Census counts as the measure of size for first-stage units. The three levels of population density were defined in terms of Standard Metropolitan Statistical Area (SMSA) designations through 1985, and then changed to the new Census Bureau classifications of Metropolitan Statistical Areas (MSAs), as described here:

Large MSA. These were the 12 largest Standard Metropolitan Statistical Areas (SMSAs) as of the 1970 Census and were used for the 1975–1985 samples: New York, Los Angeles, Chicago, Philadelphia, Detroit, San Francisco, Washington, Boston, Pittsburgh, St. Louis, Baltimore, and Cleveland. As of the 1980 Census, the “large MSA” group consisted of the 16 largest MSAs. This new structure was used for the 1986–1994 samples. These 16 MSAs include all of the MSAs mentioned above (except Cleveland) plus the MSAs of Dallas-Fort Worth, Houston, Nassau-Suffolk, Minneapolis-St. Paul, and Atlanta.

A new sample design was developed, based on the 1990 Census, beginning with the first-year half-sample of schools chosen in 1994. In the 1990s sample, only the eight largest MSAs are represented with certainty at all three grade levels; 16 other large MSAs are divided into pairs, with half randomly assigned to the 12th- and 8th-grade samples and the other half assigned to the 10th-grade sample. The eight largest MSAs are New York, Los Angeles, Chicago, Philadelphia PA-NJ, Detroit, Washington DC-MD-VA, Dallas-Ft. Worth, and Boston. The other 16 large MSAs are Houston, Atlanta, Seattle-Tacoma, Minneapolis MN-WI, St. Louis MO-IL, San Diego, Baltimore, Pittsburgh, Phoenix, Oakland, Cleveland, Miami, Newark, Denver, San Francisco, and Kansas City MO-KS.

Other MSAs. This category consists of all other Metropolitan Statistical Areas, as defined by the Census, except those listed previously. Except in the New England states, an MSA is a county or group of contiguous counties that contain at least one city of 50,000 inhabitants or more, or “twin cities” with a combined population of at least 50,000. In the New England states, MSAs consisted of towns and cities instead of counties until 1994, after which New England Consolidated Metropolitan Areas (NECMAs) were used to define MSAs. Each MSA must include at least one central city, and the complete title of an MSA

identifies the central city or cities. For the complete description of the criteria used in defining MSAs, see the Office of Management and Budget publication, *Metropolitan Statistical Areas, 1990* (NTIS-PB90-214420), Washington, D.C. The population living in MSAs is designated as the metropolitan population.

Non-MSAs. This category consists of all areas not designated as Metropolitan Statistical Areas—in other words, they do not contain a town of at least 50,000 inhabitants. The population living outside MSAs constitutes the nonmetropolitan population.

Parental

Education: This is an average of mother's education and father's education based on the respondent's answers about the highest level of education achieved by each parent, using the following scale: (1) completed grade school or less, (2) some high school, (3) completed high school, (4) some college, (5) completed college, (6) graduate or professional school after college. Missing data was allowed on one of the two variables. The respondent is instructed, "If you were raised mostly by foster parents, stepparents, or others, answer for them. For example, if you have both a stepfather and a natural father, answer for the one that was most important in raising you."

Race/

Ethnicity: Since the beginning of the study, respondents have been presented with a list of various racial/ethnic categories and instructed to select the *one* category which best describes them. In order to be more consistent with the guidelines of the Office of Management and Budget for assessing race/ethnicity, we revised our race/ethnicity measure. In 2005, the measure was changed in three of the six questionnaire forms. In these changed forms, respondents were presented with a list of racial/ethnic categories and instructed to "select one or more responses." An examination of the data showed that relatively few respondents (about 6% in 2005) selected more than one racial/ethnic category. In 2006, the remaining questionnaire forms were changed in a like manner.

For the purposes of this volume, the data from the original race/ethnicity question was combined with data from the changed race/ethnicity question in the following manner: For the original question, respondents were assigned to the racial/ethnic group specified in their response. For the revised question, those checking only White and no other racial/ethnic group were categorized as White; those checking Black or African American and no other racial ethnic group were categorized as African American; and those checking Mexican American or Chicano, Cuban American, Puerto Rican, or other Hispanic or Latino and no other racial/ethnic group were categorized as Hispanic. Note that because some survey questions appear in only one or a few forms, there is some variation in the version of the race/ethnicity question upon which the 2005 data are based. Based on the analyses we have examined, we do not believe these different permutations make any appreciable difference in the results. In the volumes reporting 2006 and beyond, all questionnaire forms will use the revised question on race/ethnicity.

White. Consists of those respondents who describe themselves as White or Caucasian in 1975–2004. In 2005 the unchanged questionnaire forms were treated in a similar manner and the changed forms were treated in the manner described above. Beginning in 2006 all forms were treated in the manner described above.

African American. Consists of those respondents who in 1975–1990 describe themselves as Black or Afro-American or who, in 1991–2004, describe themselves as Black or African American. In 2005 the unchanged questionnaire forms were treated in a similar manner and the changed forms were treated in the manner described above. Beginning in 2006 all forms were treated in the manner described above.

Hispanic. Consists of those respondents who in 1975–1990 describe themselves as Mexican American or Chicano, or Puerto Rican or other Latin American. After 1990 this group includes those respondents who describe themselves as Mexican American or Chicano, Cuban American, Puerto Rican American, or other Latin American. After 1994, the term “Puerto Rican American” was shortened to “Puerto Rican.” In 2005 the unchanged questionnaire forms were treated in a similar manner and the changed forms were treated in the manner described above. Beginning in 2006 all forms were treated in the manner described above.

Appendix D

TRENDS BY SUBGROUP: SUPPLEMENTAL TABLES FOR SECONDARY SCHOOL STUDENTS

Trend data for the population subgroups discussed in this volume (defined by gender, college plans, region, community size, level of parental education, and racial/ethnic group) are presented here for all of the major classes of licit and illicit drugs. Due to the sheer quantity of information such trend tables generate for each prevalence measure (e.g., lifetime, annual, 30-day, daily), we have selected the prevalence periods that seem most useful for understanding differences by subgroup. Thus, for most drugs, we include only annual prevalence; but rates for different prevalence periods are provided for alcohol, cigarettes, and smokeless tobacco because of their more frequent use.

The subgroups distinguished in these tables are the standard ones used throughout this volume and are operationally defined in appendix B. The reader should note that *two-year moving averages* are given for the three major racial/ethnic groups included here in order to damp down random fluctuations in the trends for the minority groups, particularly among Hispanics. A footnote in each table describes the procedure. A question change was introduced in half of the questionnaire forms in 2005 for the race/ethnicity variable, allowing respondents to select multiple categories of race/ethnicity rather than just one. It is described in appendix B. In 2006, the remaining questionnaire forms were changed in a like manner. However, we believe that this change has had little or no effect on the results because so few respondents selected more than one of the categories offered.

For nearly all drugs there is one table presenting the subgroup trends for 8th graders, a second table for 10th graders, and a third table (usually running to two pages in length) giving the longer term trends for 12th graders. However, for two of the drugs—sedatives (barbiturates) and narcotics other than heroin—the 8th- and 10th-grade data have been omitted, as they have been throughout the volume, because we are less certain about the validity of the answers provided by those younger students. Specifically, we believe that they often fail to omit substances that should be omitted (e.g., nonprescription substances). Usage questions for a few other drugs are simply not asked of 8th and 10th graders; thus only 12th-grade tables are presented.

Sample sizes, provided in tables at the end of this appendix, should be taken into account when interpreting the importance of any changes observed, of course. The reader should be aware that the numbers provided in those tables assume that all respondents were asked about their use of the drug. Some of the drugs were not contained in all questionnaire forms, meaning that the subgroup and total *Ns* must be adjusted accordingly. The “Notes” section at the bottom of each table will indicate if only a fraction of the sample received the question.

List of 2006 Appendix D Tables

Substance	Table Number			Time Period		
	8th	10th	12th	Annual	30-Day	Daily
Any illicit drug	D-1	D-2	D-3	X		
Any illicit drug other than marijuana	D-4	D-5	D-6	X		
Marijuana	D-7	D-8	D-9	X		
Inhalants	D-10	D-11	D-12	X		
Hallucinogens	D-13	D-14	D-15	X		
LSD	D-16	D-17	D-18	X		
Hallucinogens other than LSD	D-19	D-20	D-21	X		
MDMA (ecstasy)	D-22	D-23	D-24	X		
Cocaine	D-25	D-26	D-27	X		
Crack	D-28	D-29	D-30	X		
Other cocaine	D-31	D-32	D-33	X		
Heroin	D-34	D-35	D-36	X		
Heroin with a needle	D-37	D-38	D-39	X		
Heroin without a needle	D-40	D-41	D-42	X		
Other narcotics	—	—	D-43	X		
OxyContin	D-44	D-44	D-45	X		
Vicodin	D-46	D-46	D-47	X		
Amphetamines	D-48	D-49	D-50	X		
Ritalin	D-51	D-51	D-52	X		
Methamphetamine	D-53	D-54	D-55	X		
Crystal meth. (ice)	—	—	D-56	X		
Sedatives (barbiturates)	—	—	D-57	X		
Tranquilizers	D-58	D-59	D-60	X		
Rohypnol	D-61	D-62	D-63	X		
Alcohol	D-64	D-65	D-66		X	
Been drunk	D-67	D-68	D-69		X	
5+ drinks in a row	D-70	D-71	D-72			X
Beer	D-73	D-74	D-75		X	
5+ drinks in a row	D-76	D-77	D-78			X
Liquor	—	—	D-79		X	
5+ drinks in a row	—	—	D-80			X
Wine	—	—	D-81		X	
5+ drinks in a row	—	—	D-82			X
Wine coolers	D-83	D-84	D-85		X	
5+ drinks in a row	—	—	D-86			X
Flavored alcoholic beverages	D-87	D-87	D-87		X	
Cigarettes	D-88	D-89	D-90		X	
Daily	D-91	D-92	D-93			X
1/2 pack+/day	D-94	D-95	D-96			X
Smokeless tobacco	D-97	D-98	D-99		X	
Daily	D-100	D-101	D-102			X
Steroids	D-103	D-104	D-105	X		
Weighted Ns by subgroups	D-106	D-107	D-108			

TABLE D-1
Any Illicit Drug:^a Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	11.3	12.9	15.1	18.5	21.4	23.6	22.1	21.0	20.5	19.5	19.5	17.7	16.1	15.2	15.5	14.8	-0.7
Gender:																	
Male	11.7	11.9	15.2	19.4	22.3	23.6	22.6	21.3	21.3	19.7	21.3	19.2	16.4	15.0	15.2	15.1	-0.1
Female	11.0	13.6	14.9	17.6	20.2	23.3	21.3	20.4	19.7	19.0	17.5	16.3	15.5	15.2	15.6	14.2	-1.4
College Plans:																	
None or under 4 years	22.8	25.6	30.7	34.6	38.4	40.3	39.6	41.3	39.9	38.9	38.5	36.8	34.7	33.6	35.2	33.1	-2.1
Complete 4 years	9.5	10.9	12.8	16.3	19.1	21.0	19.9	18.4	18.0	17.1	17.2	15.7	14.0	13.2	13.3	13.0	-0.3
Region:																	
Northeast	9.3	10.6	11.5	16.6	17.9	20.3	20.2	16.0	18.2	16.6	18.1	13.8	13.1	13.0	12.3	10.8	-1.5
North Central	11.2	13.0	13.9	17.2	23.3	24.7	22.3	21.9	22.6	20.6	18.0	17.0	15.7	14.2	15.9	13.9	-2.1
South	11.5	12.9	15.1	17.6	20.8	22.5	21.6	22.3	21.0	19.2	21.5	20.1	18.1	16.8	17.4	17.7	+0.3
West	13.3	15.0	21.1	23.7	23.3	27.1	24.4	22.0	19.2	21.0	18.9	18.4	15.6	15.5	14.5	13.9	-0.6
Population Density:																	
Large MSA	10.5	12.0	13.1	16.2	15.2	23.4	20.5	19.8	19.1	18.1	16.4	15.9	14.3	14.0	14.9	13.5	-1.4
Other MSA	12.1	14.4	17.3	21.5	23.7	24.9	22.6	21.4	19.5	18.8	21.5	18.3	16.2	15.9	16.2	15.6	-0.6
Non-MSA	10.8	11.2	12.9	14.0	20.3	21.4	22.9	21.6	24.3	22.7	19.1	18.9	18.1	15.3	15.0	15.2	+0.2
Parental Education: ^b																	
1.0-2.0 (Low)	19.5	18.5	20.8	26.1	29.8	26.7	29.5	30.4	30.2	30.9	29.9	27.3	26.4	25.7	24.9	23.7	-1.2
2.5-3.0	11.7	14.1	17.1	20.2	24.3	25.7	25.5	24.2	24.9	23.9	23.3	22.4	20.4	18.5	20.5	18.6	-1.9
3.5-4.0	11.6	13.6	15.4	19.7	23.4	26.2	23.8	21.8	21.0	20.1	21.5	18.5	16.9	16.7	16.7	16.5	-0.2
4.5-5.0	8.7	10.2	12.8	15.7	17.4	21.3	19.3	17.8	15.6	14.6	15.0	14.5	12.0	12.1	11.4	11.0	-0.4
5.5-6.0 (High)	10.2	10.1	11.8	14.9	17.7	19.8	16.8	17.1	15.8	15.0	13.4	12.1	11.0	10.9	9.8	9.9	+0.1
Race (2-year average): ^c																	
White	—	11.8	13.6	15.7	19.2	22.4	23.0	21.5	19.9	19.1	19.0	18.3	16.5	14.9	14.4	14.1	-0.2
Black	—	7.9	9.3	13.0	15.8	17.5	18.1	18.1	18.6	18.3	16.7	15.1	14.6	14.6	15.6	14.9	-0.6
Hispanic	—	18.1	20.6	24.6	26.7	26.9	26.5	26.7	27.4	25.1	24.3	24.8	22.8	20.9	18.8	17.9	-0.9

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aUse of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of amphetamines or tranquilizers not under a doctor's orders. The use of other narcotics and sedatives (barbiturates) has been excluded because 8th and 10th graders appear to overreport their use (perhaps because they include the use of nonprescription drugs in their answers).

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-2
Any Illicit Drug:^a Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	21.4	20.4	24.7	30.0	33.3	37.5	38.5	35.0	35.9	36.41	37.2	34.8	32.0	31.1	29.8	28.7	-1.0
Gender:																	
Male	21.6	20.4	25.1	31.8	33.7	38.8	40.1	35.3	37.0	39.4	39.6	35.9	33.2	32.0	30.5	29.3	-1.2
Female	21.1	20.1	24.0	28.0	32.5	36.3	36.8	34.7	34.6	33.5	35.0	33.7	30.8	30.2	28.9	28.1	-0.8
College Plans:																	
None or under 4 years	32.7	32.0	37.7	43.2	47.3	52.4	55.2	50.5	51.8	53.5	52.7	51.5	48.6	46.9	45.8	46.2	+0.5
Complete 4 years	18.9	17.8	21.9	27.0	30.8	35.0	35.7	32.2	33.2	33.9	34.6	32.1	29.2	28.9	27.6	26.4	-1.2
Region:																	
Northeast	21.8	19.0	26.9	29.6	32.4	37.7	37.8	39.0	38.2	34.0	37.4	35.2	32.6	32.8	31.3	27.8	-3.6
North Central	21.7	20.7	22.4	28.5	32.1	37.6	37.7	32.0	35.2	34.8	35.9	33.7	28.8	28.8	29.1	28.2	-0.9
South	19.2	17.9	23.3	29.2	33.2	37.9	38.7	35.1	34.8	36.0	36.7	33.9	34.0	32.9	31.1	29.7	-1.5
West	23.7	25.5	28.9	34.4	36.1	36.8	40.2	34.5	36.0	41.6	40.7	37.7	32.3	29.8	26.9	29.0	+2.0
Population Density:																	
Large MSA	21.4	19.9	24.0	29.4	28.7	35.5	37.2	32.6	35.0	36.5	34.0	33.0	30.5	28.9	28.0	27.3	-0.7
Other MSA	22.0	20.8	25.1	32.7	35.5	40.0	40.0	36.9	37.3	36.6	39.0	36.9	32.4	32.0	31.1	28.6	-2.5
Non-MSA	20.4	20.1	24.4	24.7	30.7	35.1	37.2	34.5	33.9	35.8	37.4	32.8	33.5	32.3	29.5	31.4	+1.9
Parental Education: ^b																	
1.0-2.0 (Low)	25.5	24.8	29.2	32.6	38.2	39.5	38.3	36.6	42.2	42.4	39.0	39.4	38.8	37.7	33.2	36.2	+3.0
2.5-3.0	23.0	21.3	25.4	31.1	37.1	39.1	40.8	39.1	39.4	39.2	41.6	39.4	36.4	34.0	34.3	33.7	-0.7
3.5-4.0	21.2	20.6	24.9	30.5	34.7	40.1	41.6	35.6	35.4	39.5	38.2	35.5	33.3	33.6	30.6	30.6	0.0
4.5-5.0	19.4	18.7	22.5	28.1	30.9	35.5	36.3	31.9	32.8	32.6	35.1	31.9	27.8	27.7	27.6	24.6	-2.9 s
5.5-6.0 (High)	21.1	18.5	23.6	27.2	26.6	33.6	33.7	31.5	34.6	31.3	32.7	29.1	27.5	26.2	25.9	24.3	-1.6
Race (2-year average): ^c																	
White	—	22.4	23.7	27.9	32.6	36.5	39.3	38.2	36.4	36.9	37.6	37.6	35.0	32.2	31.0	30.2	-0.8
Black	—	10.8	11.9	18.5	23.6	27.3	30.2	28.9	28.4	29.7	30.5	28.5	27.3	29.3	29.0	26.2	-2.8
Hispanic	—	23.6	26.3	30.3	34.3	40.0	41.3	38.1	38.4	39.3	38.8	36.2	33.8	34.5	32.8	28.5	-4.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aUse of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of amphetamines or tranquilizers not under a doctor's orders. The use of other narcotics and sedatives (barbiturates) has been excluded because 8th and 10th graders appear to overreport their use (perhaps because they include the use of nonprescription drugs in their answers).

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-3
Any Illicit Drug:^{a,b} Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
Approx. N =	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total	45.0	48.1	51.1	53.8	54.2	53.1	52.1	49.4	47.4	45.8	46.3	44.3	41.7	38.5	35.4	32.5
Gender:																
Male	49.0	52.6	55.4	58.6	58.1	56.0	53.6	51.8	49.7	48.0	48.3	45.7	43.2	40.6	37.7	34.3
Female	41.4	43.0	46.7	48.7	50.1	49.8	50.8	46.3	44.4	42.8	43.8	42.3	39.7	36.1	32.8	30.1
College Plans:																
None or under 4 years	—	50.6	54.3	55.5	56.8	56.5	55.8	53.4	50.8	50.3	50.1	48.6	46.7	42.0	40.9	37.8
Complete 4 years	—	44.3	46.8	50.5	50.5	49.7	48.6	45.5	43.7	41.4	43.1	41.2	39.0	36.5	32.6	29.6
Region:																
Northeast	51.5	55.3	56.8	61.6	62.9	58.9	58.8	55.1	53.8	54.7	53.2	49.7	45.8	41.2	36.0	36.4
North Central	45.5	47.6	51.9	54.6	55.0	53.1	53.4	50.3	46.9	42.4	45.7	45.0	42.7	39.7	38.7	34.0
South	38.1	42.3	46.2	47.5	45.4	47.0	43.7	42.2	41.3	41.4	37.2	37.4	35.9	34.2	30.7	27.6
West	48.3	49.7	50.0	53.2	56.4	55.8	55.5	51.7	50.7	49.1	53.3	47.8	45.7	41.8	39.5	34.4
Population Density:																
Large MSA	54.5	54.6	56.3	60.3	61.3	59.9	57.8	54.8	52.0	49.7	49.9	48.0	43.9	39.1	32.9	32.6
Other MSA	45.0	47.8	52.4	54.5	55.2	53.8	52.1	49.8	49.6	46.7	46.5	45.1	42.7	40.5	36.3	33.5
Non-MSA	38.8	43.7	45.2	47.4	47.6	47.0	47.6	44.0	41.1	41.4	43.0	40.0	37.6	34.3	36.0	30.1
Parental Education: ^c																
1.0-2.0 (Low)	—	43.4	45.3	47.7	50.2	49.5	48.1	44.3	45.1	42.7	42.8	38.1	35.4	35.8	28.4	26.6
2.5-3.0	—	49.2	51.8	53.3	53.2	53.0	51.2	48.8	46.3	45.7	46.0	44.8	41.8	37.2	35.3	32.7
3.5-4.0	—	48.9	53.1	55.1	56.1	54.2	52.8	50.8	46.5	47.6	47.2	45.6	42.2	38.6	37.7	33.8
4.5-5.0	—	50.8	51.7	56.3	57.1	54.0	53.4	49.7	48.9	44.9	48.4	44.7	43.1	40.0	35.5	33.1
5.5-6.0 (High)	—	51.3	51.8	59.1	54.3	55.0	54.8	48.5	46.1	45.5	44.5	44.5	43.5	40.6	36.3	33.3
Race (2-year average): ^d																
White	—	—	50.4	53.5	55.2	54.9	54.4	50.7	49.3	47.4	47.6	47.2	45.2	43.0	40.3	37.5
Black	—	—	40.8	42.8	41.5	40.5	39.0	36.4	38.5	37.8	35.9	33.3	28.9	25.0	21.3	17.0
Hispanic	—	—	49.9	49.5	48.4	48.1	46.8	42.7	42.0	43.1	43.9	42.8	38.9	35.4	30.1	26.4

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-3 (cont'd)
Any Illicit Drug:^{a,b} Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	29.4	27.1	31.0	35.8	39.0	40.2	42.4	41.4	42.1	40.9	41.4	41.0	39.3	38.8	38.4	36.5	-1.9
Gender:																	
Male	32.1	29.0	33.5	38.6	41.5	43.4	44.1	45.2	45.0	43.4	43.8	43.5	41.3	41.4	42.1	37.5	-4.6 ss
Female	26.2	24.7	27.9	32.7	35.8	36.2	40.0	37.2	38.9	38.0	38.4	37.8	36.7	35.9	34.5	35.0	+0.5
College Plans:																	
None or under 4 years	33.9	33.5	34.9	40.8	44.1	46.2	48.8	47.3	47.9	45.1	46.2	46.2	46.8	44.4	46.5	46.1	-0.4
Complete 4 years	27.1	24.4	29.2	33.6	36.7	37.8	40.1	39.1	40.3	38.8	39.6	39.3	36.6	36.8	36.1	33.8	-2.4
Region:																	
Northeast	31.9	28.7	36.1	39.4	41.7	44.6	47.7	46.2	42.5	46.2	47.4	45.7	43.7	43.9	43.2	42.0	-1.2
North Central	31.3	27.8	30.8	36.5	40.9	40.9	40.6	38.1	42.1	38.9	42.0	41.6	40.0	38.2	38.8	36.3	-2.5
South	24.5	23.7	28.2	34.1	36.4	37.6	38.8	40.5	40.8	35.3	37.3	38.1	34.8	35.7	36.6	34.9	-1.7
West	32.6	31.1	31.8	34.7	38.2	39.1	45.9	43.1	44.2	47.4	41.9	40.5	41.4	39.6	36.3	34.6	-1.7
Population Density:																	
Large MSA	28.6	26.8	32.9	36.4	41.7	41.3	42.1	42.0	42.4	41.1	43.9	41.9	35.7	36.3	38.5	38.2	-0.3
Other MSA	33.0	27.3	31.7	37.8	39.0	42.3	44.2	42.1	43.3	42.6	41.0	42.4	42.7	42.4	39.8	36.7	-3.1
Non-MSA	23.8	27.0	28.4	31.6	35.9	35.4	39.2	39.3	39.9	37.5	39.4	37.1	37.6	34.9	35.5	33.5	-1.9
Parental Education: ^c																	
1.0-2.0 (Low)	28.7	27.7	29.5	32.9	37.7	36.6	40.3	38.9	40.9	41.3	38.8	35.3	35.8	34.7	32.0	37.6	+5.6
2.5-3.0	28.7	26.4	29.2	35.4	38.3	39.9	40.8	40.5	43.7	40.5	41.9	39.3	39.0	37.7	38.9	38.2	-0.7
3.5-4.0	29.6	28.1	31.6	36.4	38.8	40.4	42.0	42.9	42.9	41.6	42.7	43.2	41.3	42.1	41.3	37.1	-4.2 s
4.5-5.0	28.7	26.2	31.5	36.5	39.0	40.5	43.6	40.9	40.0	39.6	41.3	42.0	38.9	38.2	38.8	33.2	-5.6 ss
5.5-6.0 (High)	31.9	26.8	33.4	35.7	40.7	40.6	44.0	41.8	42.3	41.1	40.1	40.6	36.5	37.4	36.0	37.3	+1.3
Race (2-year average): ^d																	
White	33.9	30.5	31.4	35.5	39.0	40.8	42.8	44.0	43.3	42.8	43.1	43.6	42.8	42.0	41.6	40.0	-1.6
Black	14.7	14.5	16.6	23.5	29.6	32.4	33.0	32.3	32.8	32.7	31.7	30.4	28.3	27.7	29.0	30.0	+1.0
Hispanic	29.4	30.3	28.8	31.2	35.5	38.0	41.2	41.9	42.5	44.8	41.8	39.0	35.8	34.4	34.5	34.2	-0.4

^aUse of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, sedatives (barbiturates), methaqualone (excluded since 1990), or tranquilizers not under a doctor's orders.

^bBeginning in 1982 the question about amphetamine use was revised to get respondents to exclude the inappropriate reporting of nonprescription amphetamines. The prevalence-of-use rate dropped slightly as a result of this methodological change.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-4
Any Illicit Drug Other Than Marijuana:^a Trends in Annual Prevalence of Use
by Subgroups for Eighth Graders

	Percentage who used in last twelve months															'05-'06 change	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	2005		2006
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	8.4	9.3	10.4	11.3	12.6	13.1	11.8	11.0	10.5	10.2‡	10.8	8.8	8.8	7.9	8.1	7.7	-0.3
Gender:																	
Male	8.0	8.0	9.2	10.1	11.5	11.0	10.8	9.6	9.7	9.1‡	10.0	8.1	7.9	7.0	6.6	6.5	0.0
Female	8.8	10.4	11.5	12.3	13.5	14.7	12.6	12.1	11.2	10.9‡	11.2	9.3	9.4	8.8	9.3	8.7	-0.7
College Plans:																	
None or under 4 years	16.3	18.5	21.3	21.2	25.3	23.0	22.1	23.8	23.4	22.7‡	21.5	19.7	20.0	18.0	18.2	17.7	-0.6
Complete 4 years	7.2	8.0	8.9	9.9	10.9	11.6	10.6	9.4	9.0	8.7‡	9.5	7.6	7.5	6.9	7.0	6.7	-0.3
Region:																	
Northeast	6.8	6.6	8.2	10.3	10.7	11.3	9.5	8.5	8.5	8.0‡	9.5	5.8	7.1	5.9	5.8	4.4	-1.4
North Central	8.6	10.4	9.4	10.2	14.0	14.3	12.5	10.5	11.9	11.2‡	9.9	8.7	8.7	7.7	8.1	7.1	-1.0
South	8.6	9.7	11.0	11.7	12.5	12.6	11.8	12.5	11.2	10.3‡	12.4	10.6	10.0	9.0	9.5	9.8	+0.3
West	9.3	9.8	13.4	12.7	12.7	14.0	13.0	11.1	9.3	10.5‡	10.1	8.4	7.9	8.2	7.7	7.4	-0.2
Population Density:																	
Large MSA	8.0	8.1	8.8	9.8	8.7	12.3	9.9	8.9	8.4	8.5‡	9.7	7.4	7.1	6.9	7.1	6.6	-0.5
Other MSA	8.6	10.4	11.8	12.5	13.5	14.1	12.2	11.2	10.7	10.1‡	11.8	9.2	8.7	8.5	8.8	8.0	-0.8
Non-MSA	8.6	8.9	9.8	9.8	13.2	12.1	13.0	12.8	12.8	12.3‡	10.3	9.8	11.0	8.0	8.1	8.8	+0.7
Parental Education: ^c																	
1.0-2.0 (Low)	12.9	12.9	14.4	15.6	18.0	15.5	14.8	17.3	16.0	15.8‡	14.3	13.0	14.1	15.2	14.3	12.3	-2.0
2.5-3.0	8.5	10.1	11.8	12.4	14.2	13.9	12.9	12.2	12.1	12.2‡	13.2	10.9	10.9	8.8	10.3	9.4	-0.9
3.5-4.0	8.7	10.1	10.6	11.8	14.2	14.5	12.5	11.2	11.3	10.6‡	11.7	9.0	9.0	8.4	9.0	8.4	-0.7
4.5-5.0	7.1	7.5	9.1	9.5	9.7	12.0	10.6	9.4	8.5	7.7‡	8.9	7.6	6.7	6.8	5.7	6.0	+0.4
5.5-6.0 (High)	7.8	8.0	8.2	9.4	10.1	11.7	10.3	9.5	8.3	8.4‡	8.0	6.5	6.8	5.9	5.3	6.2	+1.0
Race (2-year average): ^d																	
White	—	9.0	10.0	10.8	12.6	13.9	13.5	12.5	11.5	11.1	10.6‡	10.3 ^e	9.3	8.7	8.1	8.1	0.0
Black	—	4.9	5.0	5.9	5.7	5.3	4.7	4.0	4.1	3.8	3.9‡	4.4 ^e	4.4	4.4	4.2	3.9	-0.4
Hispanic	—	12.2	13.7	15.2	15.3	14.7	13.6	13.5	14.5	13.9	12.2‡	11.9 ^e	10.8	10.4	9.9	9.2	-0.8

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TABLE D-4 (cont'd)
**Any Illicit Drug Other Than Marijuana:^a Trends in Annual Prevalence of Use
by Subgroups for Eighth Graders**

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '‡' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aUse of "any illicit drug other than marijuana" includes any use of LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of amphetamines or tranquilizers not under a doctor's orders. The use of other narcotics and sedatives (barbiturates) has been excluded because 8th and 10th graders appear to overreport their use (perhaps because they include the use of nonprescription drugs in their answers).

^bIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. For the tranquilizer list of examples, Miltown was replaced with Xanax. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "hallucinogens" and "hallucinogens other than LSD" are also affected by these changes and have been treated in a parallel manner.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^eThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-5
Any Illicit Drug Other Than Marijuana:^a Trends in Annual Prevalence of Use
by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	2005	2006		
	<i>Approx. N =</i>																	
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200		
Total	12.2	12.3	13.9	15.2	17.5	18.4	18.2	16.6	16.7	16.7†	17.9	15.7	13.8	13.5	12.9	12.7	-0.2	
Gender:																		
Male	11.2	11.1	13.4	14.1	15.8	17.2	17.2	15.6	15.9	16.7†	18.3	15.1	13.0	12.7	12.0	12.0	0.0	
Female	13.1	13.2	14.3	16.0	18.9	19.6	19.1	17.5	17.3	16.6†	17.4	16.4	14.3	14.2	13.6	13.1	-0.5	
College Plans:																		
None or under 4 years	19.6	20.2	23.1	24.0	27.5	29.5	29.6	27.8	27.3	27.7†	32.1	27.1	23.8	25.3	24.0	24.7	+0.7	
Complete 4 years	10.7	10.5	12.0	13.3	15.7	16.5	16.3	14.6	15.0	15.0†	15.5	14.0	12.1	11.9	11.4	11.1	-0.3	
Region:																		
Northeast	10.6	9.6	12.8	13.7	14.1	17.2	16.0	17.2	18.2	14.7†	16.2	13.4	11.7	13.7	13.0	10.4	-2.6	
North Central	13.2	12.9	12.8	14.8	19.0	20.0	16.2	14.4	16.1	15.8†	16.5	15.3	13.1	12.0	12.2	12.7	+0.5	
South	11.9	12.2	14.7	15.3	18.4	18.6	20.8	18.3	16.8	17.5†	19.5	16.8	15.7	14.8	13.9	13.7	-0.2	
West	12.7	14.1	15.6	17.2	17.2	17.4	18.7	15.8	15.7	18.5†	19.0	16.7	13.8	13.5	12.0	13.3	+1.3	
Population Density:																		
Large MSA	11.8	11.4	12.2	13.1	13.5	16.8	16.3	14.6	15.0	17.2†	15.6	14.3	10.8	10.4	10.9	11.5	+0.6	
Other MSA	12.3	12.3	14.1	16.1	18.5	19.5	18.0	16.6	17.3	15.6†	17.4	16.5	14.2	15.1	13.2	12.9	-0.4	
Non-MSA	12.4	13.1	15.0	14.6	17.6	18.3	20.8	18.9	17.55	18.1†	21.5	16.1	17.2	14.5	14.7	14.1	-0.6	
Parental Education: ^c																		
1.0-2.0 (Low)	14.4	16.6	18.1	17.1	20.8	22.7	19.1	21.5	19.2	20.4†	19.6	21.0	19.1	16.5	15.9	16.0	+0.2	
2.5-3.0	13.7	12.5	14.6	16.3	19.7	19.4	19.9	19.1	19.1	19.4†	20.3	18.3	16.7	15.6	14.4	14.9	+0.5	
3.5-4.0	12.1	12.7	14.8	15.9	18.3	19.9	19.8	16.4	16.5	17.4†	19.7	16.1	14.5	14.6	13.7	13.4	-0.3	
4.5-5.0	11.0	10.9	11.7	13.3	15.9	16.6	16.5	14.1	15.4	14.5†	15.6	13.7	11.2	11.6	11.5	10.7	-0.9	
5.5-6.0 (High)	11.6	10.7	12.2	12.8	13.4	15.4	15.4	14.4	15.6	14.5†	14.6	12.2	10.5	11.0	10.8	11.1	+0.2	
Race (2-year average): ^d																		
White	—	13.7	14.4	15.4	17.7	20.0	20.5	19.7	18.7	18.6	19.2†	18.9 ^e	17.2	15.7	14.9	14.4	-0.5	
Black	—	4.3	4.6	5.4	5.4	4.5	4.8	4.7	4.5	4.2	4.7†	5.7 ^e	4.7	4.6	4.8	4.9	0.0	
Hispanic	—	11.8	13.7	16.1	16.9	18.8	19.1	17.5	17.9	17.8	15.8†	15.7 ^e	15.2	15.1	14.9	13.0	-1.9	

(Table continued on next page)

TABLE D-5 (cont'd)
**Any Illicit Drug Other Than Marijuana:^a Trends in Annual Prevalence of Use
by Subgroups for Tenth Graders**

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aUse of "any illicit drug other than marijuana" includes any use of LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of amphetamines or tranquilizers not under a doctor's orders. The use of other narcotics and sedatives (barbiturates) has been excluded because 8th and 10th graders appear to overreport their use (perhaps because they include the use of nonprescription drugs in their answers).

^bIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. For the tranquilizer list of examples, Miltown was replaced with Xanax. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "hallucinogens" and "hallucinogens other than LSD" are also affected by these changes and have been treated in a parallel manner.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^eThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-6
Any Illicit Drug Other Than Marijuana:^{a,b} Trends in Annual Prevalence of Use
by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
<i>Approx. N =</i>	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
	26.2	25.4	26.0	27.1	28.2	30.4	34.0	30.1	28.4	28.0	27.4	25.9	24.1	21.1	20.0	17.9
Gender:																
Male	25.9	25.7	26.3	27.9	29.4	30.2	32.8	31.0	28.9	28.2	27.9	26.2	24.3	22.2	21.0	19.2
Female	26.2	24.4	25.3	25.7	26.3	30.0	34.3	28.3	27.3	26.9	26.2	24.8	23.3	19.3	18.5	16.0
College Plans:																
None or under 4 years	—	28.7	30.1	30.0	31.8	35.5	38.3	34.0	32.3	32.9	31.6	31.3	28.8	24.5	25.5	23.1
Complete 4 years	—	20.9	20.8	22.7	23.5	25.5	30.1	26.0	24.7	23.3	24.1	22.2	21.3	19.0	17.2	15.2
Region:																
Northeast	26.0	26.1	27.8	30.7	32.0	32.1	38.0	33.5	31.2	33.8	32.9	29.5	25.5	20.2	19.2	17.1
North Central	29.2	26.1	27.7	26.8	27.6	30.9	36.1	31.1	28.6	26.1	25.9	25.1	22.7	20.3	21.5	18.0
South	22.5	23.4	22.9	24.0	23.2	25.8	26.1	24.7	23.8	24.2	21.0	20.6	21.1	20.0	18.1	16.9
West	28.2	26.6	26.0	28.8	33.3	35.2	38.7	32.7	33.0	31.3	33.0	31.6	29.5	24.8	22.3	20.4
Population Density:																
Large MSA	30.3	27.5	27.1	30.2	32.1	34.6	38.3	33.8	31.5	30.5	30.4	28.3	24.5	20.7	16.9	16.0
Other MSA	26.3	25.8	26.8	27.3	28.7	30.1	33.3	30.0	29.7	27.8	26.9	26.4	24.5	22.7	20.9	18.5
Non-MSA	23.4	23.3	24.2	24.2	24.7	27.5	31.4	27.0	24.4	26.2	25.5	23.1	23.0	18.4	21.1	18.4
Parental Education: ^d																
1.0-2.0 (Low)	—	23.2	23.2	24.7	25.2	28.2	29.2	25.7	25.6	27.3	25.8	23.2	21.5	19.7	18.2	15.2
2.5-3.0	—	25.6	27.0	26.4	27.6	30.7	33.5	30.4	28.1	28.2	27.4	27.0	24.2	20.5	20.0	17.9
3.5-4.0	—	26.1	26.2	27.8	29.2	30.7	34.7	30.9	28.6	29.3	28.9	26.6	24.7	20.5	21.4	19.1
4.5-5.0	—	27.2	25.9	27.3	28.7	29.9	34.8	29.4	30.0	26.2	27.1	24.9	23.8	21.7	19.3	17.5
5.5-6.0 (High)	—	25.6	24.8	28.6	30.4	30.8	36.7	31.3	29.0	26.2	23.8	23.8	24.9	22.0	19.6	17.2
Race (2-year average): ^e																
White	—	—	26.6	27.7	28.8	30.6	34.5	32.1	31.2	30.2	29.6	28.2	26.6	24.4	22.5	21.0
Black	—	—	14.2	13.4	13.0	13.8	13.2	14.5	15.2	12.9	12.0	12.1	11.1	10.3	8.6	6.5
Hispanic	—	—	23.8	23.5	23.3	24.7	27.6	25.5	25.2	26.2	27.2	26.2	23.0	20.5	17.7	15.6

Cont'd

TABLE D-6 (cont'd)
Any Illicit Drug Other Than Marijuana:^{a,b} Trends in Annual Prevalence of Use
by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															'05-'06 change	
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^c	2002 ^c	2003	2004	2005	2006	
	<i>Approx. N = 15,000 15,800 16,300 15,400 15,400 14,300 15,400 15,200 13,600 12,800 12,800 12,900 14,600 14,600 14,700 14,200</i>																
Total	16.2	14.9	17.1	18.0	19.4	19.8	20.7	20.2	20.7	20.4‡	21.6	20.9	19.8	20.5	19.7	19.2	-0.5
Gender:																	
Male	17.0	15.5	17.8	18.5	20.7	21.7	21.7	21.7	22.5	21.5‡	23.3	22.0	21.1	21.5	21.4	19.7	-1.7
Female	14.8	13.8	15.8	16.9	17.3	16.8	18.8	18.0	18.5	18.6‡	19.0	19.0	17.9	18.7	17.5	18.3	+0.7
College Plans:																	
None or under 4 years	20.1	19.5	19.8	22.9	23.9	24.2	25.8	26.5	24.4	24.7‡	24.5	27.2	26.5	26.0	25.3	25.4	+0.1
Complete 4 years	14.3	13.0	15.9	16.0	17.5	17.9	18.4	17.8	19.4	18.5‡	19.9	19.0	17.4	18.4	18.0	17.4	-0.6
Region:																	
Northeast	15.6	14.7	18.6	17.2	20.2	22.9	24.1	20.7	19.5	21.7‡	22.4	21.5	19.3	20.4	18.0	20.3	+2.3
North Central	17.4	15.5	16.4	20.1	19.1	19.2	18.9	19.8	20.9	18.9‡	24.0	19.9	18.7	19.1	21.4	17.9	-3.5
South	14.4	14.0	16.0	17.3	19.0	18.6	19.8	20.3	21.2	19.0‡	18.6	21.3	19.4	20.8	20.5	19.7	-0.8
West	17.9	15.8	18.5	17.3	19.9	19.2	20.9	20.0	20.8	23.2‡	22.6	21.1	22.4	21.9	18.0	19.1	+1.1
Population Density:																	
Large MSA	14.2	13.5	15.1	16.7	20.2	18.9	18.6	19.0	17.6	19.4‡	23.6	20.6	15.9	18.0	18.6	20.1	+1.4
Other MSA	17.9	14.9	18.2	19.2	19.2	20.2	21.5	20.4	21.6	20.9‡	21.2	21.6	22.0	22.3	20.6	18.7	-1.8
Non-MSA	14.9	16.1	16.8	17.21	18.7	19.8	21.2	21.3	22.4	20.7‡	20.3	20.2	20.9	19.7	19.3	18.9	-0.4
Parental Education: ^d																	
1.0-2.0 (Low)	17.4	14.9	15.6	17.8	19.4	16.9	19.9	20.0	22.2	20.0‡	17.3	17.8	19.4	18.7	14.8	19.7	+4.9 s
2.5-3.0	16.8	15.0	16.1	18.5	19.4	19.7	19.4	20.1	21.0	19.9‡	20.9	20.3	19.6	20.0	20.5	19.4	-1.2
3.5-4.0	16.3	15.0	17.8	17.6	19.2	19.8	20.4	21.0	21.9	20.5‡	24.5	22.0	21.7	23.0	21.5	20.2	-1.3
4.5-5.0	14.6	14.3	17.5	18.4	19.4	19.3	21.0	19.1	19.3	20.1‡	20.1	21.2	18.5	19.7	19.7	18.6	-1.1
5.5-6.0 (High)	14.9	14.3	17.6	16.5	18.3	20.2	21.7	18.9	19.4	20.3‡	18.7	19.8	17.0	17.6	17.5	18.0	+0.5
Race (2-year average): ^e																	
White	18.7	17.1	17.9	19.4	20.3	21.2	22.3	23.1	22.9	22.7	23.0‡	24.1 ^f	23.0	22.8	22.7	22.0	-0.7
Black	5.7	5.3	4.8	6.1	6.9	6.0	6.4	7.1	6.8	6.4	6.3‡	6.0 ^f	6.3	6.5	7.1	7.2	+0.1
Hispanic	15.8	15.1	15.6	16.5	17.9	19.7	18.9	17.5	18.5	21.2	18.2‡	16.1 ^f	16.0	16.2	16.7	17.3	+0.6

(Table continued on next page)

TABLE D-6 (cont'd)
**Any Illicit Drug Other Than Marijuana:^{a,b} Trends in Annual Prevalence of Use
by Subgroups for Twelfth Graders**

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aUse of "any illicit drug other than marijuana" includes any use of LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, sedatives (barbiturates), methaqualone (excluded since 1990), or tranquilizers not under a doctor's orders.

^bBeginning in 1982 the question about amphetamine use was revised to get respondents to exclude the inappropriate reporting of nonprescription amphetamines. The prevalence-of-use rate dropped slightly as a result of this methodological change.

^cIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens" and "shrooms" was added to the list of examples. For the tranquilizer list of examples, Miltown was replaced with Xanax. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "hallucinogens" and "hallucinogens other than LSD" are also affected by these changes and have been treated in a parallel manner.

^dParental education is an average score of mother's education and father's education. See Appendix B for details.

^eTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^fThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-7
Marijuana: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	6.2	7.2	9.2	13.0	15.8	18.3	17.7	16.9	16.5	15.6	15.4	14.6	12.8	11.8	12.2	11.7	-0.5
Gender:																	
Male	7.3	7.4	10.5	15.1	17.7	19.6	19.2	18.0	18.1	16.7	18.1	17.0	13.9	12.3	13.0	12.7	-0.3
Female	5.1	6.9	8.0	10.9	13.7	16.9	16.1	15.3	14.9	14.3	12.8	12.4	11.5	11.2	11.4	10.4	-0.9
College Plans:																	
None or under 4 years	15.8	17.5	22.4	27.7	30.3	34.6	34.5	35.0	34.9	33.6	34.4	33.1	31.3	29.0	30.5	28.8	-1.7
Complete 4 years	4.6	5.5	7.3	11.0	13.8	15.8	15.5	14.5	14.0	13.4	13.2	12.7	10.7	10.0	10.2	10.0	-0.2
Region:																	
Northeast	5.0	5.8	6.2	12.1	13.0	15.3	16.2	11.7	14.4	13.2	14.5	11.3	10.0	10.2	9.8	9.3	-0.6
North Central	5.9	6.0	8.0	12.0	17.5	18.6	17.0	18.1	18.5	16.6	14.1	14.3	12.3	10.9	12.8	11.0	-1.9
South	6.1	7.3	9.0	11.4	14.7	17.1	17.2	17.9	16.7	15.2	16.8	16.3	14.4	12.9	13.5	13.8	+0.3
West	7.8	10.3	14.8	18.1	18.4	22.5	20.6	18.2	15.6	16.9	15.5	15.3	12.9	12.3	11.4	10.6	-0.8
Population Density:																	
Large MSA	5.2	6.7	8.0	13.1	15.6	18.3	16.4	16.0	15.6	14.5	12.4	12.7	11.5	10.8	11.7	10.3	-1.4
Other MSA	7.2	8.3	10.9	15.7	17.2	19.5	18.2	17.4	15.4	14.8	17.4	15.2	12.9	12.4	12.9	12.5	-0.3
Non-MSA	5.3	5.7	7.2	8.0	13.7	15.8	18.0	16.9	19.7	18.5	15.3	16.1	14.1	11.9	11.6	12.0	+0.3
Parental Education: ^a																	
1.0-2.0 (Low)	13.2	12.7	13.6	18.7	23.0	20.2	24.8	25.0	25.8	26.2	26.0	24.2	22.5	19.7	18.2	19.4	+1.3
2.5-3.0	7.0	7.7	10.7	14.5	17.9	20.6	20.3	20.0	20.8	19.4	19.5	18.7	16.5	15.4	17.4	15.1	-2.2
3.5-4.0	6.2	7.0	9.7	13.2	17.2	20.2	19.5	17.7	16.3	15.9	16.7	15.4	13.7	12.8	12.8	13.1	+0.2
4.5-5.0	3.7	5.4	7.4	10.9	12.7	16.2	15.7	13.7	11.7	10.8	11.1	11.4	8.9	9.0	8.9	8.0	-0.8
5.5-6.0 (High)	4.6	5.2	6.4	11.0	13.0	14.7	12.1	12.7	12.4	11.5	9.4	9.7	8.0	7.7	7.1	7.1	-0.1
Race (2-year average): ^b																	
White	—	6.4	7.8	10.0	13.5	16.7	17.8	16.7	15.4	14.9	14.7	14.5	13.0	11.5	11.1	10.9	-0.2
Black	—	4.1	5.7	8.9	11.9	14.0	15.3	16.0	16.3	16.1	14.6	12.7	12.6	12.8	13.6	12.9	-0.6
Hispanic	—	11.9	13.9	18.1	20.4	20.8	21.8	22.7	22.8	20.1	19.9	21.1	19.1	16.7	14.7	14.3	-0.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-8
Marijuana: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	16.5	15.2	19.2	25.2	28.7	33.6	34.8	31.1	32.1	32.2	32.7	30.3	28.2	27.5	26.6	25.2	-1.4
Gender:																	
Male	17.7	16.3	21.2	28.2	30.6	36.0	37.3	32.2	34.3	36.1	36.0	32.3	30.0	29.0	28.1	26.3	-1.8
Female	15.1	13.9	16.9	21.9	26.5	31.4	32.3	30.1	29.7	28.4	29.6	28.4	26.4	25.8	24.9	24.0	-0.9
College Plans:																	
None or under 4 years	26.9	25.1	31.5	37.3	41.8	48.9	51.5	46.8	48.3	48.8	47.4	46.6	44.6	41.9	41.4	42.0	+0.6
Complete 4 years	14.2	13.0	16.5	22.4	26.4	31.0	32.0	28.2	29.3	29.7	30.3	27.7	25.5	25.4	24.6	23.0	-1.6
Region:																	
Northeast	17.1	14.9	22.4	25.6	28.8	34.8	34.6	35.4	34.4	30.3	34.1	31.7	29.5	29.2	28.7	24.9	-3.7
North Central	15.8	14.8	17.4	23.4	26.6	33.1	34.4	28.5	31.6	31.1	31.7	29.0	25.0	25.3	26.4	24.8	-1.6
South	14.5	12.5	16.4	23.8	28.4	33.9	34.4	30.7	30.9	31.4	31.2	28.9	29.6	29.0	27.4	25.5	-1.9
West	19.4	20.4	24.0	30.0	32.2	32.4	36.5	30.7	32.0	37.1	36.4	33.4	28.8	26.4	23.4	25.3	+2.0
Population Density:																	
Large MSA	16.5	15.1	19.0	26.3	27.8	31.5	34.1	28.7	31.2	32.4	30.0	29.0	27.1	25.9	25.3	24.0	-1.4
Other MSA	17.3	15.9	19.8	28.2	31.2	36.2	36.6	33.1	33.6	32.8	35.2	32.4	28.7	27.8	28.0	25.1	-2.9
Non-MSA	14.9	13.9	18.2	18.5	24.8	30.9	32.5	30.2	30.0	31.1	30.9	27.6	29.0	29.0	25.5	27.4	+1.9
Parental Education: ^a																	
1.0-2.0 (Low)	20.3	18.9	22.4	25.8	32.0	32.9	34.5	31.7	38.1	37.1	33.6	33.5	33.7	33.2	28.6	31.9	+3.3
2.5-3.0	17.8	16.0	19.7	26.3	31.8	35.6	36.8	35.3	35.4	34.9	37.1	35.1	32.2	30.6	31.1	29.6	-1.5
3.5-4.0	16.2	15.1	19.3	25.6	30.0	36.4	37.8	31.6	31.9	35.0	32.6	30.1	29.4	29.5	27.1	26.6	-0.4
4.5-5.0	14.9	14.1	17.6	23.8	27.0	31.7	33.1	28.3	28.8	28.9	31.4	27.9	24.3	24.3	24.5	21.8	-2.8 s
5.5-6.0 (High)	15.9	13.7	18.5	23.3	23.4	30.3	30.5	27.7	30.6	27.3	29.4	25.8	24.3	22.5	23.6	21.2	-2.4
Race (2-year average): ^b																	
White	—	17.0	18.0	22.6	27.7	32.0	35.3	34.2	32.5	32.6	32.9	32.7	30.6	28.2	27.3	26.6	-0.7
Black	—	7.6	8.7	15.3	20.9	25.7	28.4	26.9	26.3	27.6	28.7	26.5	25.1	27.0	27.2	24.5	-2.6
Hispanic	—	18.9	21.3	25.1	29.2	34.6	36.8	34.4	34.0	34.8	34.9	31.6	28.8	29.8	28.6	24.9	-3.7

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-9
Marijuana: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	40.0	44.5	47.6	50.2	50.8	48.8	46.1	44.3	42.3	40.0	40.6	38.8	36.3	33.1	29.6	27.0
Gender:																
Male	45.8	50.6	53.2	55.9	55.8	53.4	49.2	47.2	45.7	43.2	43.1	41.2	38.6	35.8	32.8	29.4
Female	34.9	37.8	42.0	44.3	45.7	44.1	42.5	40.8	38.4	36.0	37.8	36.0	33.8	30.3	26.3	24.2
College Plans:																
None or under 4 years	—	46.8	50.7	51.6	53.1	51.7	49.7	48.2	46.0	44.2	44.0	42.7	40.6	36.2	34.4	31.1
Complete 4 years	—	40.7	43.4	47.1	47.3	45.9	42.6	40.6	38.3	35.9	37.5	36.1	34.0	31.3	27.3	24.7
Region:																
Northeast	47.4	52.7	53.5	59.2	60.6	55.5	53.2	50.9	49.3	49.6	48.2	44.6	41.2	36.7	31.3	32.2
North Central	40.1	44.0	48.1	51.6	52.2	48.9	46.8	45.6	42.0	36.4	40.8	40.2	37.4	34.3	33.0	28.7
South	32.4	37.9	42.5	42.7	41.2	42.0	38.0	36.7	36.1	35.6	31.0	31.7	30.2	28.7	25.0	21.4
West	44.1	45.8	46.8	49.1	51.9	51.7	49.6	45.5	44.8	43.2	46.2	41.2	39.6	35.6	32.3	28.3
Population Density:																
Large MSA	50.4	51.3	53.2	57.2	58.7	56.3	51.4	50.4	47.0	44.2	44.4	42.6	39.3	34.3	27.8	27.7
Other MSA	40.3	44.2	48.9	50.8	51.9	49.8	46.4	44.8	44.0	41.0	40.7	39.4	36.9	34.7	30.3	28.3
Non-MSA	32.9	39.8	41.2	43.3	43.3	41.9	41.6	38.5	36.5	35.3	37.3	34.7	32.2	29.0	30.0	23.5
Parental Education: ^a																
1.0-2.0 (Low)	35.2	38.9	41.0	42.5	46.0	43.7	41.8	38.9	39.7	35.7	37.1	33.4	30.7	30.7	23.3	21.0
2.5-3.0	39.2	46.1	48.2	50.3	50.0	49.0	45.3	44.5	42.2	40.1	40.6	38.8	36.3	31.1	29.6	26.9
3.5-4.0	38.5	44.9	49.5	51.4	52.7	49.8	47.0	46.5	42.2	41.4	41.0	40.1	36.8	33.4	31.4	27.6
4.5-5.0	40.6	46.8	49.3	53.2	53.7	50.5	47.6	45.9	43.5	39.6	43.2	39.9	37.5	35.1	29.7	28.5
5.5-6.0 (High)	38.7	47.5	48.6	55.2	51.2	52.0	48.5	45.7	43.7	39.9	37.9	38.9	38.6	35.9	30.7	29.4
Race (2-year average): ^b																
White	—	—	46.8	50.1	51.8	51.2	49.1	47.1	44.6	42.0	41.6	41.4	39.7	37.6	34.5	31.6
Black	—	—	37.9	39.6	38.4	37.5	36.1	35.5	37.4	36.4	33.4	30.6	25.7	21.2	17.8	13.7
Hispanic	—	—	45.8	43.4	42.1	44.1	41.2	38.8	38.3	38.8	37.8	36.7	33.3	29.6	25.0	21.6

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-9 (cont'd)
Marijuana: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	23.9	21.9	26.0	30.7	34.7	35.8	38.5	37.5	37.8	36.5	37.0	36.2	34.9	34.3	33.6	31.5	-2.1
Gender:																	
Male	27.2	24.4	29.0	35.1	38.1	39.4	40.9	41.7	41.4	39.2	40.1	39.9	37.8	37.4	37.6	32.7	-4.8 ss
Female	20.1	18.9	22.4	26.4	30.6	31.6	35.5	33.0	34.1	33.4	33.6	32.4	31.6	30.8	29.6	29.7	+0.2
College Plans:																	
None or under 4 years	27.6	27.5	29.1	34.4	39.0	41.7	44.6	43.0	43.2	40.3	41.5	40.9	42.1	39.0	41.3	39.9	-1.4
Complete 4 years	22.0	19.4	24.4	29.1	32.6	33.4	36.4	35.2	35.9	34.6	35.3	34.7	32.3	32.6	31.5	29.1	-2.4
Region:																	
Northeast	28.2	23.9	31.2	36.0	37.7	40.0	43.5	43.0	39.0	42.3	43.8	41.9	40.5	40.1	39.6	38.1	-1.5
North Central	26.1	22.7	26.0	30.5	36.9	36.9	36.5	33.8	38.0	34.5	36.9	37.5	36.5	34.0	33.7	32.0	-1.6
South	18.1	18.1	23.2	28.7	31.8	32.8	35.0	36.5	36.0	30.7	32.4	32.6	29.4	30.1	31.2	29.4	-1.9
West	26.8	26.1	26.4	30.0	33.8	35.6	42.6	39.0	39.8	43.1	38.4	35.2	36.2	35.6	32.0	28.8	-3.2
Population Density:																	
Large MSA	24.3	22.6	29.1	32.0	37.5	37.2	38.3	38.4	38.7	37.1	39.2	37.7	32.3	32.3	34.5	33.4	-1.1
Other MSA	27.5	22.1	26.2	32.7	34.9	38.6	40.5	38.8	39.1	38.1	36.7	38.0	38.1	37.9	35.0	31.9	-3.1
Non-MSA	17.5	21.0	23.1	25.8	31.0	29.6	34.9	33.5	34.7	32.9	35.1	30.8	32.2	29.7	29.7	28.1	-1.6
Parental Education: ^a																	
1.0-2.0 (Low)	22.4	21.2	23.0	26.3	30.9	31.3	34.8	34.2	35.5	36.5	33.9	30.8	31.4	28.7	27.3	32.0	+4.7
2.5-3.0	22.5	21.1	24.1	29.7	33.8	35.1	37.4	36.1	38.6	35.1	37.0	34.9	34.2	33.1	34.8	33.2	-1.6
3.5-4.0	24.0	22.7	26.6	31.5	34.2	36.1	38.1	39.0	38.6	36.8	38.4	38.5	36.2	36.9	35.5	31.6	-3.9 s
4.5-5.0	23.8	20.8	27.2	32.0	35.0	36.6	40.1	37.4	35.9	35.8	37.4	37.0	35.4	34.4	33.9	28.4	-5.5 ss
5.5-6.0 (High)	28.2	22.6	28.0	32.3	37.5	36.7	39.7	38.3	39.2	38.0	35.2	36.1	32.6	34.0	32.3	32.9	+0.6
Race (2-year average): ^b																	
White	28.2	24.9	25.9	30.2	34.2	36.4	38.7	39.9	39.1	38.2	38.5	38.7	37.9	37.3	36.6	34.8	-1.7
Black	11.4	11.5	14.2	20.7	26.8	30.2	30.4	30.0	30.4	30.0	29.0	27.3	26.3	25.5	26.3	27.7	+1.4
Hispanic	23.6	24.7	23.5	25.7	29.7	32.3	36.4	37.2	37.8	40.5	37.6	34.6	31.1	29.5	29.6	28.7	-1.0

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-10
Inhalants: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	9.0	9.5	11.0	11.7	12.8	12.2	11.8	11.1	10.3	9.4	9.1	7.7	8.7	9.6	9.5	9.1	-0.4
Gender:																	
Male	9.0	9.2	10.4	11.2	11.5	10.3	10.5	10.6	9.5	8.9	8.4	7.6	7.7	8.8	7.8	7.7	-0.1
Female	9.0	9.8	11.9	12.2	14.0	14.1	12.9	11.6	11.1	9.9	9.9	7.8	9.6	10.5	11.1	10.5	-0.6
College Plans:																	
None or under 4 years	15.0	15.6	17.7	18.3	19.6	18.2	18.1	20.9	17.9	17.2	15.1	14.5	16.5	17.9	15.3	17.3	+2.0
Complete 4 years	8.1	8.8	10.2	10.9	11.9	11.4	11.2	10.2	9.5	8.6	8.6	7.1	8.0	8.7	9.0	8.3	-0.7
Region:																	
Northeast	8.0	8.6	11.3	12.0	13.1	11.7	12.1	9.1	9.8	8.7	9.4	6.9	9.0	8.9	9.1	7.2	-1.9
North Central	9.8	10.5	9.9	10.3	13.8	13.3	11.3	11.3	10.6	10.6	8.8	8.0	9.6	9.6	8.5	9.0	+0.5
South	8.9	9.1	10.0	11.3	12.1	11.3	11.6	11.3	9.9	8.4	9.5	8.4	7.9	9.9	9.8	9.1	-0.7
West	8.8	9.8	14.2	14.0	12.4	12.9	12.6	12.4	10.9	10.5	8.6	6.4	8.9	9.6	10.4	10.5	+0.1
Population Density:																	
Large MSA	9.9	9.1	10.8	11.6	11.7	11.4	10.4	8.6	8.8	8.3	8.3	7.1	8.0	8.8	8.8	8.8	0.0
Other MSA	8.5	10.3	12.3	13.1	13.7	13.4	11.5	11.1	10.1	9.4	8.9	8.0	8.5	10.3	10.7	9.0	-1.7 s
Non-MSA	9.1	8.6	8.5	9.3	12.3	11.0	13.9	14.0	12.3	10.9	10.4	7.8	10.1	9.2	8.3	9.7	+1.4
Parental Education: ^a																	
1.0-2.0 (Low)	12.0	11.4	11.5	12.4	13.0	11.3	12.1	14.4	12.9	13.1	10.7	10.3	10.6	12.6	11.6	10.5	-1.1
2.5-3.0	9.5	9.9	10.9	12.1	13.9	12.6	12.6	12.0	11.8	11.3	9.7	8.3	10.1	10.2	11.6	10.7	-1.0
3.5-4.0	8.9	10.0	11.5	12.3	14.7	13.4	13.5	12.8	10.8	9.9	9.4	8.9	10.3	11.0	10.0	10.3	+0.4
4.5-5.0	8.0	8.4	10.6	11.0	12.3	13.2	11.4	9.7	9.2	7.1	9.0	7.3	7.4	9.3	8.4	7.8	-0.6
5.5-6.0 (High)	8.4	10.3	12.6	12.2	11.6	11.7	10.8	10.6	9.1	9.2	7.7	6.2	6.5	6.9	8.0	7.9	0.0
Race (2-year average): ^b																	
White	—	10.1	11.3	12.4	13.8	14.6	14.1	13.3	12.1	10.9	10.1	9.1	8.8	9.6	9.8	9.7	-0.1
Black	—	4.4	4.6	5.3	5.0	4.2	3.8	4.2	4.2	4.3	4.8	5.0	4.9	5.4	5.8	5.4	-0.4
Hispanic	—	10.4	11.5	12.5	13.3	12.7	11.4	11.5	12.7	12.2	11.0	9.9	9.6	10.6	11.0	9.5	-1.5

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-11
Inhalants: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	7.1	7.5	8.4	9.1	9.6	9.5	8.7	8.0	7.2	7.3	6.6	5.8	5.4	5.9	6.0	6.5	+0.5
Gender:																	
Male	7.4	7.6	9.1	9.7	10.3	10.1	9.1	8.4	7.6	7.7	6.7	5.4	5.2	5.8	5.0	5.9	+0.9
Female	6.6	7.5	7.7	8.6	8.9	8.9	8.2	7.6	6.9	7.0	6.5	6.0	5.6	6.1	6.9	7.1	+0.2
College Plans:																	
None or under 4 years	12.0	12.4	14.0	15.1	14.6	14.3	14.4	13.5	11.6	11.2	11.0	9.8	9.6	11.2	9.9	10.6	+0.6
Complete 4 years	5.9	6.4	7.3	7.8	8.7	8.7	7.7	7.0	6.5	6.7	5.9	5.2	4.8	5.2	5.5	5.9	+0.4
Region:																	
Northeast	7.2	7.8	10.6	9.8	10.4	11.5	8.9	9.3	8.3	7.2	6.5	6.0	5.9	6.1	6.2	6.5	+0.3
North Central	7.5	8.0	8.3	8.4	10.4	9.8	8.3	6.7	8.4	7.5	6.5	5.8	6.1	5.7	6.1	6.7	+0.6
South	7.2	6.6	7.3	9.0	9.4	9.1	8.8	8.3	6.5	7.4	6.8	5.4	4.6	5.6	5.6	5.7	+0.1
West	6.2	8.0	8.4	9.9	8.1	8.0	8.5	7.8	6.1	7.2	6.7	6.2	5.5	6.6	6.1	7.2	+1.1
Population Density:																	
Large MSA	7.7	7.8	8.5	7.9	8.7	8.1	8.1	6.7	6.9	7.1	6.0	5.1	4.8	5.0	6.2	6.0	-0.2
Other MSA	7.1	7.4	8.4	9.8	9.7	9.6	8.4	7.7	7.0	6.8	6.9	5.4	5.2	6.3	5.6	6.4	+0.7
Non-MSA	6.5	7.5	8.6	9.1	10.5	11.0	9.8	10.1	8.3	8.5	7.0	7.4	7.1	6.5	6.5	7.4	+0.9
Parental Education: ^a																	
1.0-2.0 (Low)	7.0	8.2	10.2	8.7	9.4	10.8	9.3	9.7	8.7	8.5	7.6	5.6	5.8	6.2	6.3	6.9	+0.6
2.5-3.0	8.0	7.9	9.1	9.5	11.0	9.9	8.5	9.1	8.0	8.1	7.5	6.0	6.3	6.9	6.9	6.2	-0.6
3.5-4.0	7.5	8.3	8.3	9.6	10.2	10.1	9.4	8.1	6.9	7.4	5.9	6.3	5.8	5.7	6.2	7.1	+0.8
4.5-5.0	6.4	6.5	7.2	8.7	9.4	8.4	8.3	7.1	6.7	6.5	6.8	5.6	5.1	5.7	5.8	5.5	-0.3
5.5-6.0 (High)	6.6	6.7	8.2	8.2	7.0	10.1	8.2	6.7	7.2	7.2	5.5	5.2	4.4	5.1	5.3	7.5	+2.3 s
Race (2-year average): ^b																	
White	—	8.3	8.8	9.6	10.6	11.0	10.4	9.6	8.9	8.4	7.9	7.1	6.6	6.5	6.6	6.8	+0.2
Black	—	3.6	3.7	3.3	2.8	2.3	2.3	2.4	2.0	2.0	2.1	2.4	2.0	2.1	2.8	2.9	+0.2
Hispanic	—	6.4	8.3	9.0	8.5	8.2	7.9	7.6	7.3	6.3	5.9	4.8	4.8	5.7	6.2	6.4	+0.2

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-12
Inhalants:^a Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	—	3.0	3.7	4.1	5.4	4.6	4.1	4.5	4.3	5.1	5.7	6.1	6.9	6.5	5.9	6.9
Adjusted ^b	—	—	—	—	8.9	7.9	6.1	6.6	6.2	7.2	7.5	8.9	8.1	7.1	6.9	7.5
Gender:																
Male	—	3.8	5.1	5.6	6.7	5.9	5.1	5.8	5.8	6.5	6.9	7.8	8.3	8.2	7.8	8.8
Female	—	2.0	2.4	2.8	4.2	3.5	3.2	3.1	2.8	3.8	4.5	4.7	5.6	4.9	4.0	4.9
College Plans:																
None or under 4 years	—	3.6	4.7	5.0	6.3	5.0	4.3	4.9	4.7	5.8	5.8	7.7	8.0	8.1	7.1	7.8
Complete 4 years	—	2.2	2.9	3.4	4.5	4.3	4.0	4.1	3.9	4.7	5.7	5.2	6.4	6.0	5.4	6.4
Region:																
Northeast	—	3.2	4.1	4.4	6.4	6.0	5.2	6.2	5.0	6.1	8.0	5.6	6.7	6.0	6.3	7.4
North Central	—	2.6	4.2	4.8	5.9	4.6	3.8	3.6	4.5	5.0	5.8	6.7	8.6	7.2	6.7	8.0
South	—	3.8	3.3	3.6	4.3	3.4	3.2	3.8	3.8	4.6	4.2	5.7	6.1	6.8	5.5	6.4
West	—	1.7	3.0	3.6	4.9	4.9	4.7	4.4	4.3	5.3	5.4	6.6	6.2	5.6	4.8	5.7
Population Density:																
Large MSA	—	2.9	3.4	3.4	5.1	5.7	4.7	5.5	4.8	5.3	5.9	5.2	6.0	6.5	5.1	6.7
Other MSA	—	2.6	3.6	3.7	4.8	4.2	4.0	3.9	4.4	5.0	5.9	6.3	6.9	6.0	5.8	6.8
Non-MSA	—	3.4	4.2	5.3	6.2	4.4	3.7	4.4	3.9	5.2	5.4	6.6	7.8	7.5	6.8	7.4
Parental Education: ^c																
1.0-2.0 (Low)	—	3.7	3.9	4.5	5.2	3.6	3.6	3.2	3.1	4.5	4.2	4.9	4.6	5.3	5.9	5.0
2.5-3.0	—	3.1	4.1	4.0	5.0	4.8	4.0	4.8	4.0	5.2	5.6	6.1	6.8	6.3	5.5	6.9
3.5-4.0	—	3.1	3.4	4.1	5.1	4.7	4.0	4.6	4.9	5.6	5.5	6.2	7.1	5.8	6.1	7.2
4.5-5.0	—	2.7	3.0	3.9	5.8	4.3	4.4	4.4	5.2	5.0	7.0	6.9	7.2	7.0	5.7	7.4
5.5-6.0 (High)	—	3.7	4.2	5.0	7.2	5.8	4.9	6.0	4.7	5.6	6.8	6.4	8.7	9.1	6.8	7.6
Race (2-year average): ^d																
White	—	—	3.6	4.3	5.1	5.3	4.7	4.7	4.8	5.1	5.9	6.5	7.3	7.6	7.0	7.2
Black	—	—	1.5	1.3	2.1	2.2	2.1	1.9	1.8	2.2	2.0	2.1	3.0	3.1	2.2	2.1
Hispanic	—	—	2.7	3.0	2.9	2.9	3.5	4.1	3.4	4.6	6.5	5.5	4.6	4.1	4.7	4.8

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on four of five forms in 1976–88; N is four-fifths of N indicated in Table D-108. Data based on five of six forms in 1989–98; N is five-sixths of N indicated in Table D-108. Data based on three of six forms beginning in 1999; N is one-half of N indicated in Table D-108.

TABLE D-12 (cont'd)
Inhalants:^a Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	6.6	6.2	7.0	7.7	8.0	7.6	6.7	6.2	5.6	5.9	4.5	4.5	3.9	4.2	5.0	4.5	-0.5
Adjusted ^b	6.9	6.4	7.4	8.2	8.4	8.5	7.3	7.1	6.0	6.2	4.9	4.9	4.5	4.6	5.4	4.7	-0.7
Gender:																	
Male	8.2	8.0	9.2	9.6	9.9	9.1	8.3	7.5	6.5	6.8	5.5	5.8	5.2	4.8	6.2	5.1	-1.1
Female	5.0	4.5	4.8	6.0	6.2	6.1	5.2	5.1	4.9	5.1	3.5	3.3	2.9	3.4	4.1	3.9	-0.1
College Plans:																	
None or under 4 years	7.7	7.7	8.0	9.0	9.7	8.2	8.0	7.9	6.5	6.7	6.6	6.3	5.1	5.6	7.3	6.8	-0.5
Complete 4 years	6.3	5.7	6.7	7.4	7.4	7.3	6.5	5.7	5.4	5.5	3.9	4.2	3.5	3.8	4.6	3.9	-0.6
Region:																	
Northeast	6.7	6.0	8.9	10.3	10.3	10.8	9.4	8.0	6.2	6.3	5.7	5.4	5.1	4.3	6.0	5.9	0.0
North Central	8.6	7.4	6.3	9.5	8.6	7.6	6.9	7.6	6.3	5.5	5.0	5.6	3.7	3.8	5.6	4.8	-0.8
South	5.0	4.8	6.5	6.2	7.0	6.5	5.6	5.1	5.2	5.5	3.4	4.1	3.5	4.1	4.6	3.6	-1.0
West	6.8	7.5	7.0	5.7	6.7	6.0	5.4	4.7	4.9	6.7	4.8	3.2	3.6	4.6	4.3	4.7	+0.4
Population Density:																	
Large MSA	5.2	6.0	7.4	7.6	8.5	7.8	5.9	5.5	4.8	6.3	4.4	4.4	3.5	4.0	5.0	4.1	-0.9
Other MSA	7.8	6.6	7.3	7.7	7.8	7.9	6.5	6.1	5.3	4.9	4.3	4.4	4.4	4.1	5.1	4.5	-0.7
Non-MSA	5.8	5.6	6.0	7.6	7.8	7.0	8.1	7.4	6.9	7.2	5.2	4.8	3.7	4.3	4.9	5.2	+0.3
Parental Education: ^c																	
1.0-2.0 (Low)	6.1	4.2	4.3	5.3	7.5	5.8	5.4	6.3	4.8	4.0	3.2	5.7	3.4	4.6	5.2	5.0	-0.1
2.5-3.0	6.6	6.7	6.0	7.8	8.0	7.9	6.3	6.0	5.4	5.2	5.7	4.3	3.8	4.9	5.7	4.8	-0.8
3.5-4.0	6.1	6.3	7.7	7.1	6.7	7.8	7.1	7.3	6.1	6.1	4.2	4.5	3.9	5.0	4.8	4.7	-0.1
4.5-5.0	7.4	6.3	7.6	8.9	8.9	7.4	7.9	5.3	5.6	5.9	3.8	4.7	4.4	3.4	5.8	4.3	-1.6
5.5-6.0 (High)	7.1	6.7	9.4	9.7	9.7	8.5	6.0	6.2	6.1	7.5	5.8	4.6	4.0	3.2	3.0	3.9	+1.0
Race (2-year average): ^d																	
White	7.6	7.2	7.6	8.6	9.1	9.0	8.6	7.9	7.0	6.4	5.9	5.2	4.9	4.7	5.1	5.3	+0.2
Black	2.7	2.5	2.2	2.4	2.6	2.2	1.9	1.7	1.4	1.9	2.2	1.9	1.5	1.3	1.9	1.9	0.0
Hispanic	5.4	6.0	5.7	5.5	5.8	5.9	4.7	4.5	5.5	6.3	4.5	3.4	2.7	2.9	5.3	5.7	+0.4

^aAll data are unadjusted for underreporting of amyl and butyl nitrites, except where otherwise noted.

^bAdjusted for underreporting of amyl and butyl nitrites. See text for details.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-13
Hallucinogens: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	2005	2006		
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500		
Total	1.9	2.5	2.6	2.7	3.6	4.1	3.7	3.4	2.9	2.8†	3.4	2.6	2.6	2.2	2.4	2.1	-0.3	
Gender:																		
Male	2.2	2.6	2.8	3.0	4.0	4.3	4.0	3.7	3.3	3.2†	3.8	2.9	2.9	2.3	2.5	2.1	-0.4	
Female	1.6	2.3	2.3	2.4	3.3	3.7	3.2	2.9	2.4	2.5†	2.9	2.2	2.3	2.1	2.2	2.0	-0.2	
College Plans:																		
None or under 4 years	5.1	7.2	7.1	6.7	9.6	9.6	10.1	9.2	9.4	7.7†	9.5	7.8	8.7	7.8	7.6	6.7	-0.9	
Complete 4 years	1.4	1.8	1.9	2.2	2.9	3.2	2.9	2.7	2.1	2.3†	2.6	2.0	1.9	1.7	1.8	1.6	-0.2	
Region:																		
Northeast	1.5	1.6	1.9	2.9	3.4	3.7	2.8	2.4	2.6	2.3†	2.9	1.5	2.5	2.0	1.9	1.4	-0.5	
North Central	1.6	2.4	1.7	2.2	3.8	3.9	3.8	3.5	3.4	3.5†	2.7	2.7	2.6	1.9	2.2	1.9	-0.3	
South	1.9	2.7	2.8	2.4	3.3	3.9	3.4	3.7	2.9	2.7†	4.0	2.9	2.6	2.4	2.9	2.3	-0.6	
West	2.8	3.2	4.2	3.9	4.2	5.1	4.8	3.5	2.4	2.7†	3.3	2.9	2.7	2.6	2.3	2.4	+0.2	
Population Density:																		
Large MSA	2.1	2.2	2.2	3.1	4.0	3.8	3.3	2.9	2.5	2.3†	2.7	2.0	2.2	1.9	2.2	1.4	-0.9	
Other MSA	2.0	3.0	3.1	3.1	3.8	4.8	4.0	3.4	3.1	3.0†	3.6	2.4	2.5	2.6	2.4	2.4	0.0	
Non-MSA	1.5	2.0	1.8	1.6	3.0	3.2	3.5	3.8	2.8	3.2†	3.6	3.5	3.3	2.1	2.7	2.5	-0.2	
Parental Education: ^b																		
1.0-2.0 (Low)	3.9	3.7	3.5	3.1	5.1	4.8	5.0	5.0	4.8	5.4†	5.9	4.4	4.3	4.8	3.4	2.9	-0.5	
2.5-3.0	2.2	2.3	2.7	2.8	3.8	4.7	3.9	3.4	3.5	3.2†	3.9	3.2	3.2	2.5	3.3	2.6	-0.7	
3.5-4.0	1.6	2.5	2.8	2.8	4.1	4.1	3.8	3.7	2.8	2.8†	3.7	2.6	2.6	2.1	3.0	2.3	-0.8	
4.5-5.0	1.6	2.0	2.3	2.8	3.2	4.0	3.4	3.0	2.1	2.1†	2.4	2.1	2.0	2.0	1.8	1.9	+0.1	
5.5-6.0 (High)	1.4	2.4	2.0	2.5	3.2	3.5	3.5	3.1	2.5	3.1†	2.3	1.7	1.9	1.7	1.1	1.5	+0.4	
Race (2-year average): ^c																		
White	—	2.2	2.6	2.8	3.6	4.5	4.5	3.9	3.2	3.1	2.9†	2.7 ^d	2.8	2.5	2.4	2.5	+0.1	
Black	—	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.7	0.7†	0.7 ^d	0.9	1.2	1.3	1.1	-0.2	
Hispanic	—	3.8	4.1	4.0	4.0	4.1	4.2	4.6	4.5	4.0	3.4†	3.6 ^d	2.9	2.9	2.7	1.8	-0.9	

(Table continued on next page)

TABLE D-13 (cont'd)
Hallucinogens: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '‡' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^dThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-14
Hallucinogens: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	4.0	4.3	4.7	5.8	7.2	7.8	7.6	6.9	6.9	6.1†	6.2	4.7	4.1	4.1	4.0	4.1	+0.1
Gender:																	
Male	4.4	4.7	5.7	6.6	8.1	8.5	8.7	7.4	8.1	7.2†	7.9	5.5	4.9	4.6	4.8	4.5	-0.3
Female	3.6	3.8	3.6	4.8	6.1	7.0	6.4	6.3	5.7	4.9†	4.6	3.9	3.4	3.5	3.1	3.5	+0.5
College Plans:																	
None or under 4 years	7.5	7.5	9.1	10.4	12.5	14.5	13.6	14.2	14.3	12.3†	5.0	10.3	8.9	9.3	9.4	10.0	+0.6
Complete 4 years	3.3	3.6	3.7	4.8	6.2	6.6	6.5	5.6	5.7	5.1†	4.8	3.9	3.3	3.3	3.2	3.3	+0.1
Region:																	
Northeast	4.0	2.7	4.7	5.8	5.6	7.7	6.2	8.1	8.6	5.8†	6.0	4.2	4.0	4.7	5.0	4.0	-1.0
North Central	3.4	4.3	4.6	5.7	7.8	9.0	7.0	5.6	6.7	6.1†	6.0	5.1	3.5	3.7	3.9	4.1	+0.2
South	3.6	3.9	3.6	5.1	7.3	7.5	8.3	7.6	6.5	5.7†	5.3	4.0	3.9	3.6	3.5	3.5	-0.1
West	5.2	6.5	6.7	7.1	7.6	6.6	8.5	6.1	6.1	6.9†	8.7	5.9	5.0	4.7	3.7	5.1	+1.4
Population Density:																	
Large MSA	4.1	4.6	4.9	6.0	7.1	8.6	7.8	6.3	5.8	7.5†	5.0	4.7	3.2	2.9	3.4	4.1	+0.8
Other MSA	4.8	4.4	4.9	6.4	8.0	8.2	7.9	7.6	7.8	5.8†	6.6	4.9	4.4	5.0	4.3	4.1	-0.1
Non-MSA	2.5	3.7	4.1	4.4	5.5	6.0	6.7	6.3	6.5	5.1†	6.8	4.4	4.6	3.9	4.2	3.8	-0.4
Parental Education: ^b																	
1.0-2.0 (Low)	3.7	4.9	6.0	6.1	7.7	8.0	6.5	8.3	7.0	5.2†	6.4	5.3	6.5	3.2	3.7	5.3	+1.6
2.5-3.0	4.3	4.2	4.5	5.5	7.6	8.5	7.3	8.2	8.1	5.8†	6.7	5.2	4.7	4.8	4.5	4.5	-0.1
3.5-4.0	3.7	4.6	4.8	5.9	7.6	8.6	8.2	6.6	6.6	6.7†	6.1	4.8	4.0	3.9	4.0	3.8	-0.2
4.5-5.0	4.1	3.8	4.5	5.5	6.6	6.9	8.2	6.1	6.6	6.3†	6.0	4.0	3.5	3.7	4.0	3.9	0.0
5.5-6.0 (High)	4.6	4.2	4.6	6.2	6.5	7.2	6.8	6.0	6.5	6.2†	5.8	5.2	3.4	4.1	3.7	4.0	+0.3
Race (2-year average): ^c																	
White	—	4.9	5.1	5.6	7.1	8.6	8.9	8.4	8.2	7.6	6.6†	5.6 ^d	5.3	4.9	4.7	4.7	0.0
Black	—	0.2	0.6	1.1	1.2	0.9	1.0	1.1	1.0	1.0	1.3†	1.4 ^d	1.0	0.8	1.2	1.4	+0.1
Hispanic	—	3.6	4.5	5.7	6.3	6.6	7.3	7.3	6.4	5.2	4.4†	4.5 ^d	3.9	3.8	4.0	3.5	-0.5

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TABLE D-14 (cont'd)
Hallucinogens: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '‡' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^dThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-15
Hallucinogens:^a Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	11.2	9.4	8.8	9.6	9.9	9.3	9.0	8.1	7.3	6.5	6.3	6.0	6.4	5.5	5.6	5.9
Adjusted ^c	—	—	—	—	11.8	10.4	10.1	9.0	8.3	7.3	7.6	7.6	6.7	5.8	6.2	6.0
Gender:																
Male	13.7	11.6	10.8	11.6	11.8	11.7	10.9	9.6	8.6	7.9	8.1	7.2	7.5	7.2	7.4	7.7
Female	9.0	6.9	6.5	7.3	7.6	6.7	6.8	6.1	5.5	4.7	4.4	4.7	5.2	3.7	3.6	3.8
College Plans:																
None or under 4 years	—	11.2	10.6	11.0	11.3	11.2	10.7	9.5	8.9	8.3	7.7	7.4	7.9	6.4	7.1	6.6
Complete 4 years	—	6.9	6.4	7.3	7.5	7.1	7.4	6.2	5.4	4.7	5.0	4.7	5.4	4.7	4.8	5.3
Region:																
Northeast	13.2	10.9	10.6	13.0	12.9	12.2	12.9	11.4	8.7	11.3	9.9	7.9	7.5	5.8	5.6	6.6
North Central	13.0	10.3	9.7	10.7	11.1	11.3	10.3	9.1	8.9	6.0	6.8	6.6	6.9	5.3	6.6	5.7
South	8.5	7.4	6.8	6.3	5.7	5.4	4.1	4.6	5.2	3.9	3.2	3.3	4.8	5.2	4.9	5.0
West	10.2	9.3	8.2	9.6	11.0	9.2	10.4	7.8	6.3	7.0	6.3	7.2	7.4	6.0	5.5	6.9
Population Density:																
Large MSA	13.9	11.1	9.9	11.9	12.3	11.6	12.0	10.9	9.2	8.8	8.3	7.6	7.9	6.5	5.4	5.7
Other MSA	12.1	9.8	9.1	9.3	10.5	9.8	9.0	7.6	7.6	6.3	6.1	5.9	6.3	6.0	5.9	6.6
Non-MSA	8.5	7.7	7.5	8.3	7.1	7.1	6.8	6.5	5.3	5.0	5.0	4.9	5.3	3.5	5.0	4.5
Parental Education: ^d																
1.0-2.0 (Low)	8.9	7.4	6.8	7.7	7.1	8.0	6.7	6.5	6.5	5.4	4.8	5.4	5.8	4.9	4.2	3.8
2.5-3.0	10.2	10.0	9.1	9.6	9.6	9.5	8.9	8.0	6.8	6.7	6.4	6.0	6.2	4.2	4.9	4.6
3.5-4.0	10.9	9.8	9.2	9.7	9.7	9.2	9.2	8.6	7.7	6.3	7.2	6.3	6.0	4.8	5.6	6.5
4.5-5.0	11.1	10.1	8.8	10.2	10.9	9.1	9.4	7.8	7.0	5.9	6.2	5.5	6.8	6.7	6.6	6.8
5.5-6.0 (High)	8.9	9.4	9.5	10.2	11.7	9.9	10.6	9.0	7.0	7.6	4.3	5.9	7.2	7.2	7.0	8.2
Race (2-year average): ^e																
White	—	—	9.8	9.9	10.5	10.3	10.0	9.3	8.3	7.5	7.0	6.7	6.8	6.8	6.4	6.7
Black	—	—	2.4	2.3	2.0	1.9	1.9	1.8	2.2	1.7	1.2	1.6	1.5	1.0	0.9	0.8
Hispanic	—	—	7.9	7.2	7.0	7.1	7.0	7.7	6.6	5.2	5.7	5.7	5.0	4.0	3.2	3.3

Cont'd 

TABLE D-15 (cont'd)
Hallucinogens:^a Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change	
	Class of:																	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	2005	2006		
	<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total		5.8	5.9	7.4	7.6	9.3	10.1	9.8	9.0	9.4	8.1‡	9.1	6.6	5.9	6.2	5.5	4.9	-0.6
Adjusted ^c		6.1	6.2	7.8	7.8	9.7	10.7	10.0	9.2	9.8	8.7‡	9.7	7.2	6.5	6.4	5.9	5.3	-0.7
Gender:																		
Male		7.5	7.1	8.9	9.2	11.9	12.4	12.0	11.0	11.4	9.6‡	11.1	8.4	7.8	8.4	7.4	6.2	-1.3
Female		3.9	4.7	5.6	5.8	6.3	7.3	7.4	6.8	7.4	6.3‡	6.8	4.7	3.8	3.8	3.4	3.6	+0.2
College Plans:																		
None or under 4 years		7.0	7.8	8.1	8.4	11.9	12.1	11.3	12.0	10.5	10.3‡	10.4	9.8	8.2	7.7	7.8	7.0	-0.8
Complete 4 years		5.3	5.1	6.9	7.0	8.2	9.0	9.0	7.8	8.7	7.0‡	8.0	5.5	5.0	5.4	4.7	4.4	-0.3
Region:																		
Northeast		7.0	7.1	9.0	9.0	10.1	13.3	13.9	10.7	9.8	9.3‡	9.8	9.1	7.8	7.0	5.5	7.1	+1.5
North Central		6.5	5.9	6.8	8.1	9.2	8.8	7.6	8.4	9.8	7.0‡	11.4	6.4	5.4	5.3	6.7	4.9	-1.8
South		3.7	4.7	5.9	6.7	8.8	8.9	9.2	8.5	8.6	6.9‡	5.8	5.6	4.9	5.7	5.2	4.1	-1.1
West		7.3	7.3	9.2	7.1	9.6	10.5	9.5	9.1	10.0	10.5‡	10.8	6.2	6.3	7.4	4.4	4.3	-0.1
Population Density:																		
Large MSA		5.1	6.2	7.3	8.1	11.0	10.5	8.8	8.7	8.4	8.9‡	1.5	6.8	4.4	5.6	5.5	6.0	+0.4
Other MSA		7.7	6.0	8.1	8.6	9.5	11.4	11.2	9.9	10.4	8.3‡	8.7	7.2	7.2	7.2	5.9	4.5	-1.4
Non-MSA		3.3	5.5	6.3	5.1	7.0	7.4	8.3	7.4	8.8	7.0‡	7.3	5.2	5.5	4.8	4.5	4.1	-0.5
Parental Education: ^d																		
1.0-2.0 (Low)		4.9	3.6	4.9	5.0	7.2	7.4	7.3	7.9	9.0	7.0‡	6.3	5.1	5.3	4.9	3.0	4.9	+1.9
2.5-3.0		4.9	5.6	5.9	7.0	8.7	8.8	8.5	8.8	8.6	7.4‡	9.1	6.6	4.9	5.6	5.7	5.1	-0.6
3.5-4.0		6.2	6.0	7.5	8.0	9.5	10.3	9.9	9.5	10.6	8.2‡	9.4	7.1	6.4	6.6	5.4	5.1	-0.3
4.5-5.0		6.1	6.2	8.9	7.7	9.6	10.5	10.4	8.6	9.3	7.7‡	8.6	6.7	6.5	6.4	5.7	4.6	-1.2
5.5-6.0 (High)		7.3	7.4	8.9	9.0	9.5	11.4	11.6	9.4	8.4	9.6‡	8.8	5.9	5.3	6.1	5.7	4.6	-1.0
Race (2-year average): ^e																		
White		6.8	6.9	7.9	8.6	9.5	10.8	11.6	11.3	10.7	9.9	9.0‡	8.4 ^f	7.2	7.0	6.7	6.0	-0.7
Black		0.6	0.7	0.8	1.2	1.2	1.7	1.9	1.4	1.2	1.6	1.4‡	1.2 ^f	1.3	1.2	1.3	1.5	+0.2
Hispanic		4.4	4.6	5.3	5.8	7.1	8.3	7.3	6.8	7.9	9.6	7.8‡	6.0 ^f	4.6	4.1	3.9	3.8	-0.1

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TABLE D-15 (cont'd)
Hallucinogens:^a Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aAll data are unadjusted for the underreporting of PCP, unless otherwise indicated.

^bIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^cAdjusted for the underreporting of PCP. See text for details.

^dParental education is an average score of mother's education and father's education. See Appendix B for details.

^eTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^fThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-16
LSD: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006		
	<i>Approx. N =</i>																	
Total	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500		
Total	1.7	2.1	2.3	2.4	3.2	3.5	3.2	2.8	2.4	2.4	2.2	1.5	1.3	1.1	1.2	0.9	-0.2	
Gender:																		
Male	2.0	2.1	2.5	2.6	3.4	3.7	3.5	3.2	2.7	2.6	2.3	1.7	1.4	1.1	1.2	0.8	-0.4	
Female	1.3	2.0	2.1	2.1	2.9	3.2	2.8	2.4	2.0	2.2	2.1	1.3	1.1	1.1	1.1	1.0	0.0	
College Plans:																		
None or under 4 years	4.5	6.4	6.4	6.2	8.5	8.2	9.3	7.8	8.2	6.7	5.8	5.7	4.3	4.7	4.1	3.4	-0.7	
Complete 4 years	1.2	1.5	1.6	1.8	2.5	2.7	2.5	2.2	1.7	2.0	1.8	1.1	0.9	0.7	0.8	0.7	-0.2	
Region:																		
Northeast	1.3	1.4	1.8	2.6	2.9	2.9	2.3	2.1	2.2	1.9	1.9	0.9	1.4	1.0	0.9	0.5	-0.4	
North Central	1.4	1.8	1.4	1.7	3.5	3.4	3.3	2.5	2.7	3.0	1.7	1.8	1.2	0.9	0.9	0.7	-0.2	
South	1.8	2.4	2.4	2.1	2.8	3.4	3.0	3.2	2.5	2.4	2.7	1.8	1.3	1.2	1.5	1.1	-0.3	
West	2.2	2.9	3.7	3.3	3.8	4.3	4.3	3.2	1.9	2.3	2.0	1.2	1.2	1.2	1.1	1.0	-0.1	
Population Density:																		
Large MSA	1.9	2.0	2.0	2.7	3.6	3.2	2.9	2.6	2.2	2.0	1.8	1.3	1.3	1.1	1.0	0.6	-0.4	
Other MSA	1.7	2.5	2.8	2.8	3.3	4.1	3.6	2.9	2.7	2.6	2.3	1.5	1.2	1.3	1.1	1.1	-0.1	
Non-MSA	1.3	1.6	1.4	1.3	2.4	2.6	2.8	2.9	1.9	2.8	2.4	1.9	1.4	0.7	1.4	1.0	-0.4	
Parental Education: ^a																		
1.0-2.0 (Low)	3.5	3.1	3.1	2.8	4.6	4.4	4.7	4.4	3.7	4.9	4.1	3.4	2.3	2.8	1.7	1.8	+0.2	
2.5-3.0	1.8	2.1	2.3	2.6	3.1	4.0	3.2	2.8	2.7	2.9	2.6	2.0	1.4	1.2	1.7	1.0	-0.7	
3.5-4.0	1.4	2.0	2.4	2.4	3.6	3.5	3.4	3.1	2.4	2.2	2.4	1.3	1.3	1.0	1.5	1.0	-0.5	
4.5-5.0	1.4	1.5	2.1	2.1	2.6	3.4	2.9	2.5	1.9	1.8	1.5	1.2	1.1	1.0	0.6	0.7	+0.1	
5.5-6.0 (High)	1.3	2.0	2.0	2.1	2.9	3.0	2.9	2.4	1.9	2.3	1.3	0.8	0.8	0.6	0.4	0.7	+0.3	
Race (2-year average): ^b																		
White	—	1.9	2.3	2.5	3.1	3.9	3.9	3.2	2.6	2.6	2.6	2.0	1.5	1.1	1.0	1.0	+0.1	
Black	—	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.6	0.8	0.9	0.6	-0.3	
Hispanic	—	3.3	3.7	3.6	3.3	3.5	3.9	4.2	3.9	3.5	3.2	2.4	1.7	1.8	1.7	1.0	-0.7	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-17
LSD: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	
	<i>Approx. N =</i>																
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	3.7	4.0	4.2	5.2	6.5	6.9	6.7	5.9	6.0	5.1	4.1	2.6	1.7	1.6	1.5	1.7	+0.2
Gender:																	
Male	3.9	4.3	5.1	5.9	7.4	7.6	7.6	6.3	7.0	5.9	5.1	3.1	1.9	1.8	1.9	2.1	+0.2
Female	3.4	3.6	3.2	4.3	5.5	6.2	5.8	5.4	5.1	4.3	3.1	2.0	1.6	1.4	1.0	1.3	+0.3
College Plans:																	
None or under 4 years	6.8	7.0	8.4	9.4	11.1	13.1	12.8	12.4	13.1	11.1	9.9	6.0	4.4	4.5	4.1	5.1	+1.0
Complete 4 years	3.0	3.4	3.3	4.2	5.6	5.8	5.7	4.7	4.9	4.1	3.2	2.0	1.3	1.2	1.1	1.2	+0.1
Region:																	
Northeast	3.6	2.6	3.8	5.1	4.7	6.4	5.2	7.1	7.5	4.1	4.0	2.2	1.8	1.7	2.3	1.7	-0.6
North Central	3.2	4.1	4.4	5.2	7.3	8.3	6.0	4.5	6.0	5.4	4.3	2.8	1.7	1.5	1.2	1.6	+0.4
South	3.3	3.7	3.2	4.6	6.8	6.8	7.9	6.5	5.8	5.0	3.5	2.3	1.7	1.4	1.4	1.7	+0.3
West	4.8	5.9	6.1	6.3	6.5	5.7	7.4	5.2	5.1	5.9	5.3	3.2	1.7	1.9	1.0	1.8	+0.7
Population Density:																	
Large MSA	3.8	4.4	4.4	5.4	6.6	7.6	7.0	5.4	4.9	6.4	3.8	2.6	1.3	1.1	1.2	1.6	+0.3
Other MSA	4.4	4.1	4.4	5.9	7.1	7.4	7.0	6.6	6.7	4.8	4.1	2.7	1.7	1.9	1.5	1.7	+0.2
Non-MSA	2.3	3.5	3.7	3.7	5.0	5.2	6.0	5.0	5.9	4.4	4.6	2.3	2.3	1.5	1.8	1.8	+0.1
Parental Education: ^a																	
1.0-2.0 (Low)	3.1	4.4	5.5	5.5	6.9	7.6	5.9	7.9	6.3	4.9	3.9	2.7	3.7	1.3	1.8	2.5	+0.7
2.5-3.0	4.0	4.2	4.2	5.1	6.9	7.6	6.6	7.0	7.3	5.1	4.8	2.9	2.0	1.7	1.7	2.1	+0.4
3.5-4.0	3.4	4.1	4.2	5.3	6.9	7.9	7.4	5.6	5.8	5.6	4.3	2.8	1.7	1.4	1.6	1.6	0.0
4.5-5.0	3.8	3.6	3.9	4.8	6.0	6.0	7.0	5.0	5.7	5.0	3.8	2.0	1.2	1.4	1.2	1.3	+0.2
5.5-6.0 (High)	4.2	3.9	3.9	5.4	5.9	5.8	6.0	4.6	5.3	5.0	3.5	2.4	1.2	1.6	1.4	1.3	-0.1
Race (2-year average): ^b																	
White	—	4.6	4.6	5.0	6.4	7.7	7.9	7.3	7.0	6.5	5.2	3.8	2.4	1.9	1.7	1.8	+0.1
Black	—	0.2	0.5	0.9	1.0	0.8	0.9	1.0	0.9	0.9	0.9	0.6	0.4	0.4	0.6	0.7	+0.1
Hispanic	—	3.2	4.1	5.0	5.7	6.1	6.7	6.6	5.6	4.6	3.7	2.9	2.4	1.7	1.6	1.6	0.0

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-18
LSD: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																
	Class of:																
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200	
Total	7.2	6.4	5.5	6.3	6.6	6.5	6.5	6.1	5.4	4.7	4.4	4.5	5.2	4.8	4.9	5.4	
Gender:																	
Male	9.6	7.9	7.1	7.8	8.0	8.1	8.0	7.4	6.7	5.8	5.9	5.5	6.4	6.5	6.5	7.1	
Female	5.6	4.6	3.9	4.5	4.8	4.8	4.7	4.3	3.8	3.1	2.8	3.4	3.9	3.0	3.2	3.6	
College Plans:																	
None or under 4 years	—	7.5	6.7	7.2	8.0	8.2	8.0	7.5	6.9	6.1	5.6	5.9	6.6	5.7	6.5	6.2	
Complete 4 years	—	4.7	4.0	4.6	4.5	4.7	5.0	4.3	3.8	3.1	3.4	3.3	4.3	4.1	4.2	4.8	
Region:																	
Northeast	8.5	8.0	7.2	8.0	7.9	6.8	9.0	8.0	5.6	7.0	5.4	5.1	5.3	4.7	5.1	5.9	
North Central	8.7	7.0	6.5	7.9	7.9	8.5	7.8	7.3	7.0	4.4	5.3	5.3	5.7	4.7	6.0	5.3	
South	5.4	4.7	3.7	3.7	3.4	4.3	3.4	3.9	4.4	3.5	2.8	2.6	4.2	4.7	4.2	4.7	
West	7.6	5.9	5.0	5.8	8.3	6.5	6.3	4.8	4.2	4.5	4.6	5.9	6.2	5.2	4.4	6.4	
Population Density:																	
Large MSA	9.4	7.9	6.4	7.2	7.6	7.3	8.0	7.3	5.7	4.7	4.1	4.4	5.6	5.2	4.6	5.2	
Other MSA	7.4	6.8	5.6	6.1	7.3	6.8	6.9	6.3	6.0	4.9	4.8	4.9	5.4	5.6	5.3	6.1	
Non-MSA	5.7	4.8	4.8	5.8	4.9	5.6	4.9	4.8	4.4	4.2	4.1	4.0	4.4	3.1	4.3	4.2	
Parental Education: ^a																	
1.0-2.0 (Low)	6.1	4.8	4.5	5.0	4.5	5.2	4.8	5.0	4.9	4.1	3.0	3.9	4.4	4.1	3.6	3.4	
2.5-3.0	6.5	6.8	5.8	6.1	6.3	6.8	6.5	6.1	5.1	4.8	4.5	4.6	4.9	3.8	4.3	4.4	
3.5-4.0	6.4	6.7	5.6	6.1	6.7	6.7	6.7	6.4	5.7	4.3	4.7	4.6	4.9	4.2	5.1	6.0	
4.5-5.0	7.0	6.4	5.3	6.7	7.5	5.7	6.4	5.7	5.2	4.3	4.8	4.1	5.8	6.2	5.9	6.2	
5.5-6.0 (High)	6.5	6.4	6.1	7.0	7.4	7.2	7.7	6.0	4.8	5.0	3.8	4.7	6.1	6.2	5.5	7.4	
Race (2-year average): ^b																	
White	—	—	6.3	6.3	6.8	7.0	7.2	6.9	6.2	5.5	5.0	4.9	5.4	5.8	5.7	6.1	
Black	—	—	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.7	0.7	1.0	0.8	0.6	0.7	0.6	
Hispanic	—	—	6.1	5.0	4.9	5.2	4.5	5.2	5.0	4.1	3.9	3.9	4.0	3.1	2.3	2.7	

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-18 (cont'd)
LSD: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change	
	Class of:																	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006		
	<i>Approx. N =</i>																	
	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200		
Total	5.2	5.6	6.8	6.9	8.4	8.8	8.4	7.6	8.1	6.6	6.6	3.5	1.9	2.2	1.8	1.7	-0.1	
Gender:																		
Male	6.8	6.7	8.4	8.4	10.7	10.9	10.3	9.3	10.0	7.6	7.9	4.4	2.5	3.1	2.7	2.1	-0.5	
Female	3.4	4.4	5.1	5.3	5.8	6.5	6.2	5.7	6.1	5.3	5.0	2.3	1.2	1.2	0.9	1.1	+0.2	
College Plans:																		
None or under 4 years	6.4	7.6	7.5	7.7	11.2	11.4	10.3	10.9	9.4	8.7	8.2	5.7	3.0	3.2	3.4	2.6	-0.8	
Complete 4 years	4.7	4.8	6.4	6.3	7.3	7.7	7.4	6.3	7.3	5.6	5.7	2.7	1.4	1.8	1.3	1.4	+0.1	
Region:																		
Northeast	6.1	6.6	8.6	8.2	8.8	11.9	11.8	8.2	7.8	7.1	6.7	5.4	2.4	2.3	1.7	3.0	+1.4	
North Central	5.9	5.5	6.3	7.3	8.3	7.7	7.0	7.6	9.1	5.9	8.6	3.7	1.8	1.8	2.1	1.6	-0.5	
South	3.4	4.4	5.5	6.3	8.1	7.9	8.1	7.4	7.7	6.0	4.7	3.1	1.9	2.6	1.8	1.4	-0.4	
West	6.5	7.0	8.5	6.2	8.5	8.8	6.9	7.1	7.7	7.9	6.6	2.1	1.4	2.3	1.6	1.1	-0.5	
Population Density:																		
Large MSA	4.3	5.7	6.7	7.3	9.7	9.0	7.7	7.2	6.8	6.7	7.7	3.3	1.5	1.9	1.8	2.2	+0.4	
Other MSA	7.0	5.8	7.6	7.9	8.7	10.0	9.3	8.4	9.2	6.9	6.4	4.0	2.2	2.6	1.9	1.5	-0.3	
Non-MSA	3.0	5.1	5.6	4.6	6.5	6.5	7.3	6.1	7.4	5.9	5.6	2.7	1.7	1.9	1.7	1.2	-0.5	
Parental Education: ^a																		
1.0-2.0 (Low)	4.3	3.3	4.6	4.4	6.6	6.7	6.8	6.8	8.6	5.6	5.4	2.4	1.5	3.2	1.7	1.5	-0.2	
2.5-3.0	4.4	5.2	5.6	6.5	8.1	8.2	7.3	7.8	7.6	6.4	6.7	3.4	1.9	2.4	1.9	2.0	0.0	
3.5-4.0	5.5	5.7	7.0	7.4	8.6	9.3	8.5	8.2	9.0	6.7	6.3	4.0	1.7	1.8	1.5	1.9	+0.4	
4.5-5.0	5.3	5.8	8.3	6.9	8.6	8.7	8.6	6.5	8.0	6.0	6.7	3.1	1.7	2.0	1.7	1.3	-0.4	
5.5-6.0 (High)	7.1	7.0	8.2	7.9	8.3	9.2	9.5	7.3	6.4	7.0	5.6	2.8	1.7	2.2	1.7	1.1	-0.6	
Race (2-year average): ^b																		
White	6.3	6.4	7.4	8.0	8.6	9.7	10.1	9.5	9.1	8.3	7.5	5.8	3.0	2.2	2.2	1.8	-0.3	
Black	0.6	0.6	0.6	0.9	1.0	1.3	1.6	1.1	0.8	1.3	1.3	0.8	0.8	0.8	0.7	0.9	+0.1	
Hispanic	3.6	4.1	5.1	5.4	6.4	7.4	6.3	5.9	7.0	7.6	5.8	3.8	1.8	1.7	1.7	1.4	-0.3	

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-19
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use
by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	2005	2006		
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500		
Total	0.7	1.1	1.0	1.3	1.7	2.0	1.8	1.6	1.5	1.4†	2.4	2.1	2.1	1.9	2.0	1.8	-0.3	
Gender:																		
Male	0.8	1.1	1.2	1.6	1.9	2.1	2.1	1.8	1.8	1.5†	2.8	2.4	2.4	1.9	2.2	1.8	-0.4	
Female	0.6	1.0	0.9	0.9	1.4	1.7	1.4	1.4	1.1	1.3†	2.0	1.7	1.8	1.8	1.8	1.7	-0.2	
College Plans:																		
None or under 4 years	1.7	3.6	2.9	3.6	4.8	5.2	4.7	5.1	5.3	3.9†	7.4	6.5	7.5	6.5	6.1	5.5	-0.6	
Complete 4 years	0.5	0.7	0.7	1.0	1.3	1.4	1.4	1.2	1.0	1.2†	1.8	1.6	1.5	1.4	1.6	1.4	-0.2	
Region:																		
Northeast	0.4	0.6	0.7	1.4	1.8	2.1	1.7	1.2	1.4	1.3†	2.1	1.3	1.9	1.6	1.5	1.2	-0.4	
North Central	0.6	1.3	0.6	1.1	1.6	1.8	1.8	1.9	1.7	1.8†	1.8	2.1	2.2	1.7	1.9	1.7	-0.2	
South	0.7	1.0	1.0	1.0	1.5	1.7	1.4	1.8	1.6	1.3†	2.9	2.2	2.2	1.9	2.4	1.8	-0.6	
West	1.4	1.3	1.9	1.9	1.9	2.6	2.7	1.3	1.1	1.4†	2.4	2.6	2.3	2.2	2.0	2.2	+0.2	
Population Density:																		
Large MSA	0.7	0.8	0.7	1.6	1.6	1.8	1.4	1.3	1.1	1.2†	1.9	1.6	1.6	1.4	2.0	1.2	-0.8 s	
Other MSA	0.7	1.3	1.3	1.4	1.8	2.2	1.9	1.6	1.5	1.7†	2.6	1.9	2.1	2.1	2.0	2.0	0.0	
Non-MSA	0.7	1.0	0.9	0.8	1.5	1.7	1.9	2.0	1.9	1.3†	2.6	3.0	3.0	2.0	2.2	2.1	-0.2	
Parental Education: ^b																		
1.0-2.0 (Low)	1.5	1.8	1.4	1.6	2.4	2.2	2.6	2.7	2.6	2.5†	5.0	3.4	3.5	3.9	2.7	2.3	-0.4	
2.5-3.0	0.8	0.7	1.1	1.1	1.7	2.1	2.0	1.3	1.9	1.5†	2.3	2.6	2.8	2.0	2.9	2.2	-0.6	
3.5-4.0	0.4	1.2	1.2	1.2	1.8	2.0	1.6	1.8	1.3	1.3†	2.6	1.9	2.2	1.7	2.6	1.8	-0.7	
4.5-5.0	0.8	0.9	0.7	1.5	1.6	2.0	1.6	1.5	0.9	1.1†	1.6	1.7	1.5	1.6	1.6	1.7	+0.1	
5.5-6.0 (High)	0.8	1.3	0.9	1.5	1.7	1.4	1.9	1.9	1.5	2.0†	1.9	1.5	1.6	1.6	1.0	1.2	+0.2	
Race (2-year average): ^c																		
White	—	0.9	1.0	1.2	1.7	2.1	2.1	1.8	1.6	1.6	1.4†	1.5 ^d	2.3	2.2	2.1	2.2	0.0	
Black	—	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3†	0.4 ^d	0.6	0.8	0.9	0.9	0.0	
Hispanic	—	1.5	1.5	1.5	1.8	2.1	2.0	2.2	2.2	1.8	1.2†	1.8 ^d	2.2	2.2	2.1	1.4	-0.7	

(Table continued on next page)

TABLE D-19 (cont'd)
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use
by Subgroups for Eighth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^dThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-20
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use
by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	1.3	1.4	1.9	2.4	2.8	3.3	3.3	3.4	3.2	3.1†	4.4	4.0	3.6	3.7	3.5	3.7	+0.1
Gender:																	
Male	1.5	1.6	2.5	3.0	3.4	3.8	4.1	3.9	4.1	3.8†	5.7	4.6	4.4	4.3	4.2	4.1	0.0
Female	1.1	1.1	1.2	1.7	2.1	2.7	2.5	2.8	2.3	2.4†	3.1	3.4	2.8	3.2	2.9	3.1	+0.3
College Plans:																	
None or under 4 years	2.5	2.7	3.7	4.8	5.3	6.2	4.8	7.3	6.7	6.1†	10.9	8.8	7.3	8.2	8.5	9.0	+0.5
Complete 4 years	1.1	1.1	1.5	1.9	2.3	2.7	3.0	2.6	2.6	2.6†	3.3	3.3	2.9	3.1	2.8	3.0	+0.1
Region:																	
Northeast	1.4	0.7	2.3	3.2	3.0	3.9	3.2	4.7	4.5	3.4†	4.2	3.6	3.4	4.3	4.4	3.7	-0.7
North Central	1.0	1.2	1.7	1.9	2.2	3.2	3.4	3.2	2.8	3.3†	4.0	4.3	2.9	3.3	3.6	3.7	+0.1
South	1.3	1.2	1.5	2.1	2.7	3.1	3.1	3.2	2.7	2.9†	3.6	3.4	3.5	3.3	3.0	3.0	0.0
West	1.6	2.6	2.5	3.0	3.5	3.0	3.6	2.5	3.3	3.0†	6.7	5.1	4.5	4.2	3.3	4.7	+1.3
Population Density:																	
Large MSA	1.4	1.5	1.9	2.4	2.7	3.4	3.3	3.1	3.1	3.9†	3.4	4.0	2.8	2.7	2.9	3.8	+0.9
Other MSA	1.4	1.4	1.9	2.5	3.0	3.5	3.2	3.4	3.5	2.9†	4.8	4.0	3.9	4.4	3.9	3.7	-0.2
Non-MSA	1.0	1.2	2.0	2.3	2.5	2.7	3.5	3.5	2.7	2.8†	4.5	3.9	3.8	3.6	3.6	3.3	-0.4
Parental Education: ^b																	
1.0-2.0 (Low)	1.5	1.5	2.0	2.6	3.3	3.4	2.4	2.9	3.4	2.5†	4.8	4.4	5.2	2.8	3.1	4.7	+1.5
2.5-3.0	1.2	1.0	1.4	1.8	2.7	3.4	2.7	4.2	3.0	2.6†	4.4	4.3	4.2	4.5	4.1	3.8	-0.2
3.5-4.0	1.3	1.7	2.3	2.3	3.0	3.2	3.6	3.0	2.8	3.2†	4.3	4.0	3.3	3.6	3.6	3.4	-0.1
4.5-5.0	1.2	1.5	1.9	2.6	2.5	3.3	3.7	3.0	3.7	3.7†	4.4	3.5	3.2	3.5	3.5	3.7	+0.2
5.5-6.0 (High)	1.8	1.1	2.1	2.8	2.5	3.5	3.6	3.7	3.7	3.7†	3.9	4.6	3.0	3.5	3.3	3.8	+0.4
Race (2-year average): ^c																	
White	—	1.5	1.8	2.3	2.8	3.4	3.9	4.0	4.0	3.8	3.4†	4.0 ^d	4.7	4.4	4.2	4.2	0.0
Black	—	0.1	0.4	0.7	0.7	0.4	0.3	0.4	0.5	0.6	1.1†	1.3 ^d	0.9	0.7	1.1	1.2	+0.1
Hispanic	—	1.3	1.5	1.9	2.0	2.1	2.4	2.8	2.6	2.0	1.6†	2.5 ^d	2.9	3.2	3.5	3.0	-0.5

(Table continued on next page)

TABLE D-20 (cont'd)
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use
by Subgroups for Tenth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '‡' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^dThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-21
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use
by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	9.4	7.0	6.9	7.3	6.8	6.2	5.6	4.7	4.1	3.8	3.6	3.0	3.2	2.1	2.2	2.1
Gender:																
Male	12.1	8.8	8.9	8.8	8.0	8.0	6.9	5.7	4.9	4.8	4.6	3.4	3.7	2.7	3.1	3.0
Female	7.5	5.0	4.9	5.5	5.3	4.2	4.0	3.6	3.1	2.7	2.5	2.5	2.6	1.4	1.1	1.1
College Plans:																
None or under 4 years	—	8.3	8.6	8.1	7.6	6.7	6.0	5.1	4.8	4.5	4.1	3.3	3.5	2.5	2.7	2.1
Complete 4 years	—	5.2	4.9	5.7	5.3	5.1	5.0	4.1	3.1	3.0	2.9	2.5	2.8	1.8	1.9	1.9
Region:																
Northeast	12.0	7.8	8.2	10.3	10.2	10.0	9.0	8.1	6.1	8.4	7.1	5.1	4.8	2.6	2.5	2.9
North Central	11.3	7.9	7.9	7.6	6.8	6.7	5.7	4.8	4.4	2.9	3.1	2.7	3.5	1.6	2.3	1.7
South	7.1	5.7	5.4	4.8	4.1	3.1	2.0	1.8	2.4	1.5	1.5	1.4	1.7	2.0	1.9	1.7
West	7.7	6.7	6.3	7.2	6.6	5.9	6.9	4.9	4.1	4.5	3.6	3.3	3.3	2.5	2.3	2.6
Population Density:																
Large MSA	11.1	7.8	7.5	9.3	8.8	8.5	8.1	7.3	6.6	6.9	6.1	5.1	4.8	3.3	2.6	2.3
Other MSA	10.7	7.3	7.2	6.9	7.2	6.5	5.0	3.7	4.0	3.1	3.0	2.4	2.5	1.7	2.0	2.4
Non-MSA	6.8	6.1	6.1	6.1	4.7	4.1	4.4	4.0	2.4	2.4	2.4	2.1	2.9	1.6	2.1	1.5
Parental Education: ^b																
1.0-2.0 (Low)	7.5	5.1	5.4	5.7	4.7	5.8	3.9	3.7	3.6	2.8	2.7	2.3	3.4	2.7	2.0	1.5
2.5-3.0	8.7	7.6	6.9	7.2	6.5	5.9	5.1	4.7	3.6	3.8	3.5	3.1	2.9	1.5	1.8	1.2
3.5-4.0	9.1	7.5	7.4	7.3	6.6	5.8	5.8	4.8	4.5	3.6	4.1	3.2	3.0	1.8	1.8	2.2
4.5-5.0	9.7	8.4	7.0	7.8	7.5	6.4	6.0	4.7	3.9	3.8	3.6	2.7	3.3	2.2	2.6	2.8
5.5-6.0 (High)	7.4	7.2	7.8	7.9	9.2	7.2	7.0	6.7	4.6	5.3	2.6	2.8	3.5	3.1	3.3	3.6
Race (2-year average): ^c																
White	—	—	7.6	7.6	7.5	7.0	6.3	5.6	4.7	4.3	4.0	3.5	3.4	3.0	2.4	2.4
Black	—	—	1.6	1.6	1.3	1.4	1.3	1.2	1.6	1.3	0.8	0.9	0.9	0.6	0.5	0.4
Hispanic	—	—	5.1	5.2	4.8	4.4	4.5	4.8	4.2	3.4	3.7	3.3	2.1	1.7	1.6	1.5

Cont'd 

TABLE D-21 (cont'd)
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use
by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change	
	Class of:																	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	2005	2006		
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200		
Total	2.0	1.7	2.2	3.1	3.8	4.4	4.6	4.6	4.3	4.4†	5.9	5.4	5.4	5.6	5.0	4.6	-0.4	
Gender:																		
Male	2.7	2.3	3.0	4.3	5.3	5.7	5.9	6.0	5.4	5.8†	7.2	7.2	7.2	7.7	6.7	5.7	-1.0	
Female	1.3	1.2	1.3	1.9	2.1	2.8	3.2	3.0	3.1	2.9†	4.2	3.5	3.4	3.4	3.2	3.3	+0.1	
College Plans:																		
None or under 4 years	2.4	2.2	2.5	3.2	4.4	5.1	4.7	6.1	4.4	5.6†	7.3	7.9	7.3	6.9	6.8	6.5	-0.3	
Complete 4 years	1.9	1.5	2.0	2.9	3.4	4.0	4.4	3.9	4.0	3.8†	5.0	4.6	4.5	4.9	4.4	4.1	-0.3	
Region:																		
Northeast	3.5	2.5	2.6	5.1	5.3	6.1	6.6	6.3	5.5	5.0†	6.9	7.5	7.3	6.7	4.9	6.4	+1.5	
North Central	1.9	1.8	2.0	3.1	3.2	3.5	2.8	4.1	3.7	3.6†	6.9	5.0	4.7	4.6	6.3	4.7	-1.6 s	
South	1.0	1.3	1.8	1.9	3.1	3.6	4.0	3.5	3.3	3.3†	3.1	4.5	4.3	4.9	4.7	3.8	-1.0	
West	2.6	1.8	2.9	3.6	4.5	5.4	6.1	5.5	5.7	6.9†	8.0	5.6	6.0	6.9	4.0	4.2	+0.2	
Population Density:																		
Large MSA	1.8	2.1	2.5	3.6	4.9	5.2	4.0	4.4	4.5	5.2†	7.6	5.9	3.9	5.2	5.1	5.5	+0.4	
Other MSA	2.6	1.7	2.2	3.6	3.7	4.7	5.4	5.1	4.2	4.3†	5.4	5.8	6.5	6.6	5.4	4.2	-1.2 s	
Non-MSA	1.2	1.4	2.0	1.8	2.7	3.1	3.6	3.7	4.2	3.8†	4.8	4.3	5.1	4.1	4.0	3.9	-0.1	
Parental Education: ^b																		
1.0-2.0 (Low)	1.9	1.3	1.7	2.2	2.7	3.5	2.7	3.7	2.2	3.8†	3.8	4.3	4.7	3.3	2.9	4.9	+2.0	
2.5-3.0	1.6	1.6	1.5	2.4	3.4	3.0	3.5	3.9	3.3	3.6†	5.4	5.4	4.3	4.9	5.1	4.5	-0.6	
3.5-4.0	2.0	1.8	2.4	2.9	3.6	4.0	4.8	4.6	5.1	4.2†	6.1	5.6	5.9	6.0	4.9	4.9	0.0	
4.5-5.0	2.4	1.7	2.7	3.7	4.2	5.2	5.3	5.0	4.4	4.6†	5.5	5.8	6.0	6.3	5.3	4.3	-1.0	
5.5-6.0 (High)	2.4	2.1	3.0	4.4	4.1	5.9	5.9	5.4	4.7	5.8†	6.6	5.1	4.8	5.6	5.3	4.5	-0.8	
Race (2-year average): ^c																		
White	2.4	2.2	2.2	3.0	3.8	4.4	5.2	5.6	5.2	4.8	4.7†	5.4 ^d	6.3	6.4	6.1	5.5	-0.6	
Black	0.3	0.3	0.5	0.7	0.8	0.8	0.7	0.6	0.6	1.0	0.9†	0.9 ^d	0.9	0.9	1.2	1.4	+0.2	
Hispanic	1.7	1.4	1.4	1.6	2.6	3.5	3.1	2.7	3.0	4.6	4.8†	4.1 ^d	4.1	3.7	3.6	3.5	-0.1	

(Table continued on next page)

TABLE D-21 (cont'd)
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use
by Subgroups for Twelfth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 2001 the question text was changed on half of the questionnaire forms. "Other psychedelics" was changed to "other hallucinogens," and "shrooms" was added to the list of examples. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^dThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-22
MDMA (Ecstasy): Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

		Percentage who used in last twelve months																
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	'05-'06 change
	<i>Approx. N =</i>	—	—	—	—	—	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total		—	—	—	—	—	2.3	2.3	1.8	1.7	3.1	3.5	2.9	2.1	1.7	1.7	1.4	-0.2
Gender:																		
Male		—	—	—	—	—	2.2	2.7	2.3	1.7	3.1	3.4	3.1	1.8	1.7	1.6	1.0	-0.6
Female		—	—	—	—	—	2.3	2.0	1.3	1.7	3.0	3.7	2.6	2.2	1.8	1.7	1.7	0.0
College Plans:																		
None or under 4 years		—	—	—	—	—	4.8	6.1	4.8	5.3	6.5	9.2	9.1	6.9	5.4	5.9	3.8	-2.0
Complete 4 years		—	—	—	—	—	1.9	2.0	1.5	1.2	2.7	2.9	2.3	1.5	1.3	1.3	1.2	-0.1
Region:																		
Northeast		—	—	—	—	—	2.1	1.5	1.6	1.8	2.4	3.8	2.0	1.8	1.8	1.1	0.8	-0.3
North Central		—	—	—	—	—	1.7	1.7	1.7	1.4	3.5	2.9	2.3	2.1	1.4	1.7	1.6	0.0
South		—	—	—	—	—	2.8	2.3	2.7	1.8	3.2	3.7	3.7	2.5	1.9	2.1	2.0	-0.1
West		—	—	—	—	—	2.3	3.8	0.8	1.7	2.9	3.6	3.0	1.6	1.7	1.5	0.7	-0.7
Population Density:																		
Large MSA		—	—	—	—	—	2.9	1.8	1.8	1.6	3.0	3.1	2.6	1.8	2.1	1.6	1.1	-0.5
Other MSA		—	—	—	—	—	2.5	3.1	2.1	1.8	3.4	4.3	3.3	1.9	1.9	1.6	1.6	0.0
Non-MSA		—	—	—	—	—	1.2	1.5	1.5	1.6	2.5	2.5	2.5	2.7	1.0	1.9	1.6	-0.3
Parental Education: ^a																		
1.0-2.0 (Low)		—	—	—	—	—	2.9	2.2	2.1	2.5	4.2	5.8	6.0	3.6	3.6	2.5	2.8	+0.2
2.5-3.0		—	—	—	—	—	2.2	2.4	1.4	2.0	3.9	4.3	3.6	3.1	2.2	3.0	1.5	-1.5 s
3.5-4.0		—	—	—	—	—	2.2	2.9	2.6	1.5	2.8	2.4	2.9	2.1	1.7	1.7	1.2	-0.5
4.5-5.0		—	—	—	—	—	2.6	2.0	1.4	1.2	3.1	3.3	2.4	1.4	1.2	1.1	1.3	+0.2
5.5-6.0 (High)		—	—	—	—	—	2.4	2.7	2.5	2.3	2.0	3.0	1.2	2.0	1.7	0.9	1.2	+0.3
Race (2-year average): ^b																		
White		—	—	—	—	—	—	2.7	2.4	1.9	2.5	3.2	2.9	2.4	1.9	1.5	1.5	-0.1
Black		—	—	—	—	—	—	0.3	0.4	0.5	0.6	1.1	1.1	1.0	1.6	1.8	1.4	-0.4
Hispanic		—	—	—	—	—	—	2.5	1.7	1.9	3.3	5.3	5.9	4.0	2.3	2.3	1.8	-0.6

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of four forms in 1996–2001; N is one-third of N indicated in Table D-106. Data based on two of four forms beginning in 2002; N is one-half of N indicated in Table D-106.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-23
MDMA (Ecstasy): Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																	'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006		
<i>Approx. N =</i>	—	—	—	—	—	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200		
Total	—	—	—	—	—	4.6	3.9	3.3	4.4	5.4	6.2	4.9	3.0	2.4	2.6	2.8	+0.2	
Gender:																		
Male	—	—	—	—	—	4.9	4.7	3.5	4.7	5.7	7.6	4.3	2.8	2.4	2.6	3.3	+0.7	
Female	—	—	—	—	—	4.2	3.1	2.9	4.2	4.8	4.9	5.2	3.2	2.4	2.5	2.2	-0.3	
College Plans:																		
None or under 4 years	—	—	—	—	—	7.7	7.5	5.4	8.5	10.7	13.6	10.1	5.7	5.4	5.6	6.9	+1.4	
Complete 4 years	—	—	—	—	—	4.0	3.3	2.9	3.7	4.5	5.1	4.1	2.6	2.0	2.2	2.2	0.0	
Region:																		
Northeast	—	—	—	—	—	4.4	3.0	3.8	7.0	6.4	8.2	4.4	2.7	2.6	2.2	2.2	0.0	
North Central	—	—	—	—	—	3.6	3.2	2.2	2.3	5.2	4.8	4.6	2.5	1.9	3.0	2.8	-0.2	
South	—	—	—	—	—	5.6	5.0	4.1	4.1	5.2	5.9	5.1	3.8	2.6	2.6	3.0	+0.5	
West	—	—	—	—	—	4.1	3.7	2.7	4.4	5.0	6.8	5.2	3.0	2.7	2.5	3.0	+0.5	
Population Density:																		
Large MSA	—	—	—	—	—	5.6	4.0	2.5	5.2	7.0	7.3	5.1	2.4	1.8	3.0	2.9	-0.1	
Other MSA	—	—	—	—	—	4.6	3.6	4.1	4.7	5.3	5.5	5.2	3.1	3.1	2.5	2.7	+0.2	
Non-MSA	—	—	—	—	—	3.3	4.2	2.7	2.8	3.7	6.3	3.7	3.8	2.0	2.3	2.8	+0.6	
Parental Education: ^a																		
1.0-2.0 (Low)	—	—	—	—	—	4.8	3.0	1.9	3.7	7.0	7.2	5.8	2.4	3.3	4.4	3.8	-0.6	
2.5-3.0	—	—	—	—	—	4.7	3.9	3.1	4.4	4.9	6.5	5.5	3.8	3.3	2.8	2.9	+0.1	
3.5-4.0	—	—	—	—	—	4.7	5.2	4.3	4.0	6.3	7.0	5.5	3.5	2.1	3.3	2.5	-0.8	
4.5-5.0	—	—	—	—	—	4.2	2.5	2.9	4.3	5.0	5.3	3.9	2.7	2.3	2.2	2.7	+0.4	
5.5-6.0 (High)	—	—	—	—	—	5.3	4.0	4.4	5.6	4.8	5.8	4.6	2.3	1.4	1.4	3.3	+1.9 s	
Race (2-year average): ^b																		
White	—	—	—	—	—	—	4.8	4.0	4.4	5.3	6.0	6.2	4.6	3.1	2.7	2.9	+0.3	
Black	—	—	—	—	—	—	0.8	1.2	1.3	1.5	2.2	1.8	1.5	0.9	0.6	1.0	+0.5	
Hispanic	—	—	—	—	—	—	3.6	2.3	2.4	4.6	5.4	4.3	3.4	3.0	4.3	3.9	-0.4	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of four forms in 1996–2001; N is one-third of N indicated in Table D-107. Data based on two of four forms beginning in 2002; N is one-half of N indicated in Table D-107.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-24
MDMA (Ecstasy): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months														'05-'06 change
	Class of:														
	1975-79	1980-89	1990-95	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	—	—	4.6	4.0	3.6	5.6	8.2	9.2	7.4	4.5	4.0	3.0	4.1	+1.1
Gender:															
Male	—	—	—	4.8	5.6	4.8	5.6	8.1	10.5	8.2	4.8	4.7	3.3	4.3	+1.1
Female	—	—	—	4.2	2.5	2.7	5.6	8.2	8.0	6.4	4.0	3.2	2.7	4.0	+1.3 s
College Plans:															
None or under 4 years	—	—	—	6.9	3.8	4.7	4.2	8.5	9.8	8.9	6.5	5.3	3.7	6.0	+2.3
Complete 4 years	—	—	—	4.0	3.9	3.3	6.2	8.0	8.7	7.1	3.9	3.6	2.8	3.7	+0.9
Region:															
Northeast	—	—	—	6.3	6.9	3.7	9.4	8.8	10.1	10.3	5.1	3.5	3.0	2.9	0.0
North Central	—	—	—	3.7	1.3	2.7	3.3	5.7	11.8	5.0	4.7	3.0	3.0	3.4	+0.5
South	—	—	—	4.6	4.3	4.0	5.7	5.9	5.7	7.9	4.2	5.1	3.4	4.9	+1.5
West	—	—	—	3.9	4.1	4.0	5.0	14.4	10.3	6.8	4.2	3.8	2.5	4.6	+2.1
Population Density:															
Large MSA	—	—	—	3.6	3.6	3.2	6.1	8.7	10.9	8.4	4.3	4.0	3.5	6.1	+2.6 s
Other MSA	—	—	—	5.1	4.6	4.3	6.1	8.4	9.7	8.1	5.0	4.5	3.2	3.1	0.0
Non-MSA	—	—	—	4.5	3.4	2.7	4.2	7.4	6.4	4.6	4.0	2.8	2.1	3.1	+1.0
Parental Education: ^a															
1.0-2.0 (Low)	—	—	—	5.5	3.5	4.2	6.8	7.3	3.8	4.8	4.1	4.6	3.0	3.8	+0.8
2.5-3.0	—	—	—	5.0	3.1	3.2	5.1	7.7	10.3	8.0	3.8	3.7	3.9	3.6	-0.4
3.5-4.0	—	—	—	4.9	3.8	3.2	5.7	6.2	8.4	7.5	5.7	4.6	2.8	3.9	+1.2
4.5-5.0	—	—	—	4.0	2.9	4.3	6.2	8.3	11.2	7.3	5.0	3.8	3.2	5.1	+2.0
5.5-6.0 (High)	—	—	—	4.1	8.7	3.5	4.7	10.6	8.1	7.6	3.3	3.1	2.0	3.6	+1.6
Race (2-year average): ^b															
White	—	—	—	—	5.2	4.7	5.1	7.6	9.6	8.5	6.4	4.7	3.9	4.0	+0.2
Black	—	—	—	—	0.4	0.4	0.5	1.3	2.4	1.7	1.4	1.6	1.4	1.8	+0.4
Hispanic	—	—	—	—	2.8	2.7	6.0	10.6	10.2	7.0	5.3	3.7	3.0	3.0	+0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of six forms in 1996-2001; N is one-sixth of N indicated in Table D-108. Data based on two of six forms beginning in 2002; N is two-sixths of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-25
Cocaine: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	1.1	1.5	1.7	2.1	2.6	3.0	2.8	3.1	2.7	2.6	2.5	2.3	2.2	2.0	2.2	2.0	-0.2
Gender:																	
Male	1.4	1.5	1.9	2.1	2.5	2.7	3.1	2.9	2.8	2.6	2.4	2.2	1.9	1.7	2.0	1.9	-0.1
Female	0.9	1.5	1.5	2.1	2.6	3.1	2.5	3.1	2.7	2.6	2.6	2.3	2.3	2.3	2.3	2.1	-0.3
College Plans:																	
None or under 4 years	3.2	4.8	5.4	6.6	7.0	7.9	7.5	9.4	8.1	7.5	7.0	7.2	7.1	6.8	6.1	7.1	+1.0
Complete 4 years	0.8	1.0	1.1	1.5	2.0	2.2	2.2	2.3	2.0	2.0	2.0	1.8	1.6	1.5	1.8	1.5	-0.3
Region:																	
Northeast	1.3	0.8	1.0	2.2	2.2	2.6	2.4	1.9	2.2	1.6	1.9	1.6	1.6	1.9	1.8	1.3	-0.5
North Central	0.9	1.4	1.0	1.2	2.6	2.9	2.6	2.7	2.6	2.9	2.3	2.3	2.0	1.6	2.0	1.3	-0.7
South	1.1	1.7	2.1	2.5	2.4	2.7	2.6	3.8	3.1	2.2	3.2	2.6	2.5	2.1	2.4	2.9	+0.4
West	1.5	2.0	2.7	2.3	3.3	3.7	3.7	3.3	2.7	3.7	2.4	2.4	2.3	2.4	2.4	1.9	-0.5
Population Density:																	
Large MSA	1.1	1.4	1.3	1.9	2.4	2.8	2.4	2.3	2.1	2.3	2.1	2.0	1.7	2.2	2.2	1.9	-0.3
Other MSA	1.1	1.7	2.2	2.5	2.8	3.2	2.9	3.3	2.8	2.5	2.8	2.3	2.2	2.1	2.2	2.0	-0.2
Non-MSA	1.2	1.3	1.2	1.4	2.4	2.7	3.0	3.4	3.2	3.1	2.5	2.6	2.7	1.7	2.2	2.2	0.0
Parental Education: ^a																	
1.0-2.0 (Low)	2.4	3.2	2.9	3.5	4.9	3.9	4.7	6.3	5.6	5.3	4.4	3.7	4.1	3.3	4.2	4.4	+0.3
2.5-3.0	1.4	1.6	2.0	2.3	2.4	3.3	3.0	3.3	3.1	2.9	2.8	2.8	2.4	2.5	2.9	2.2	-0.7
3.5-4.0	0.7	1.2	1.8	2.1	2.8	3.3	2.8	3.1	2.8	2.5	2.4	2.2	2.2	2.0	2.5	2.0	-0.5
4.5-5.0	0.7	1.0	1.0	1.6	1.9	2.7	2.6	2.2	1.7	1.8	2.1	2.0	1.5	1.8	1.5	1.4	-0.1
5.5-6.0 (High)	1.2	1.5	1.1	1.9	2.5	2.5	2.3	2.5	2.5	2.2	1.6	1.5	2.0	1.2	1.2	1.5	+0.3
Race (2-year average): ^b																	
White	—	1.2	1.3	1.6	2.3	2.8	3.0	2.8	2.6	2.5	2.5	2.4	2.2	1.9	1.8	1.9	0.0
Black	—	0.7	0.7	0.7	0.6	0.6	0.5	0.7	0.8	0.8	0.8	0.8	0.9	1.0	1.0	0.9	-0.1
Hispanic	—	3.1	4.0	4.5	4.7	4.8	4.3	5.2	5.9	4.7	4.2	4.1	3.8	3.6	3.6	3.5	-0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-26
Cocaine: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	2.2	1.9	2.1	2.8	3.5	4.2	4.7	4.7	4.9	4.4	3.6	4.0	3.3	3.7	3.5	3.2	-0.3
Gender:																	
Male	2.2	2.0	2.5	3.1	3.5	4.5	4.7	4.9	5.2	4.7	3.8	4.2	3.3	3.9	3.6	3.2	-0.4
Female	2.2	1.7	1.6	2.5	3.3	4.0	4.6	4.4	4.6	4.1	3.2	3.9	3.2	3.4	3.3	3.1	-0.2
College Plans:																	
None or under 4 years	4.7	4.0	5.1	6.6	7.2	10.0	10.4	10.7	11.6	9.7	9.1	10.1	8.3	9.4	8.8	9.0	+0.2
Complete 4 years	1.7	1.4	1.4	2.0	2.8	3.2	3.7	3.6	3.8	3.5	2.7	3.1	2.4	2.9	2.8	2.4	-0.3
Region:																	
Northeast	1.5	1.0	2.0	2.4	2.5	3.0	3.0	4.9	4.6	3.1	2.3	2.4	3.1	3.4	3.6	2.5	-1.0
North Central	1.7	1.7	1.4	2.2	2.9	4.1	4.0	3.7	4.4	4.6	3.4	3.6	2.7	3.2	3.4	3.2	-0.2
South	2.0	1.8	1.9	2.6	3.5	4.2	5.4	4.3	5.2	4.2	3.8	3.8	3.5	3.5	2.9	3.2	+0.3
West	3.6	3.2	3.7	4.7	5.3	5.9	6.4	6.4	5.3	5.7	4.9	6.5	3.7	4.8	4.4	3.8	-0.6
Population Density:																	
Large MSA	1.9	1.6	1.6	2.3	3.4	3.8	4.5	4.3	4.1	4.3	3.2	3.6	2.5	3.3	3.3	2.8	-0.5
Other MSA	2.7	2.1	2.3	3.1	3.5	4.7	4.3	4.7	5.1	4.2	3.7	4.4	3.2	3.8	3.4	3.2	-0.2
Non-MSA	1.6	1.7	2.1	2.7	3.6	3.7	5.7	5.2	5.4	4.7	3.8	3.8	4.6	3.9	3.8	3.8	-0.1
Parental Education: ^a																	
1.0-2.0 (Low)	3.3	3.5	3.2	3.8	5.3	7.4	6.3	8.1	8.2	7.7	5.6	7.9	7.0	6.5	5.3	6.5	+1.1
2.5-3.0	2.4	1.7	2.2	2.9	4.3	4.5	5.0	5.5	5.9	5.4	5.2	4.8	3.9	4.2	4.6	4.1	-0.5
3.5-4.0	2.4	2.1	2.5	3.2	3.7	4.3	5.4	4.4	4.7	4.4	2.9	3.8	3.4	4.0	3.4	2.9	-0.5
4.5-5.0	1.6	1.4	1.6	2.1	2.6	3.4	3.7	3.5	3.9	3.2	2.7	2.4	2.2	3.0	2.8	2.0	-0.8
5.5-6.0 (High)	1.9	1.5	1.1	1.9	1.9	3.4	3.3	3.2	3.9	2.9	2.0	3.2	1.6	1.8	2.4	3.0	+0.6
Race (2-year average): ^b																	
White	—	2.1	2.0	2.2	3.0	3.8	4.4	4.7	4.9	4.7	3.9	3.9	3.9	3.7	3.7	3.5	-0.2
Black	—	0.6	0.6	1.0	0.9	0.7	0.8	1.0	0.9	0.6	0.8	1.0	0.9	0.8	1.0	1.0	0.0
Hispanic	—	3.7	3.7	4.9	5.5	7.0	8.5	8.3	8.2	8.0	6.6	6.0	6.1	5.8	6.4	5.9	-0.6

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-27
Cocaine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	5.6	6.0	7.2	9.0	12.0	12.3	12.4	11.5	11.4	11.6	13.1	12.7	10.3	7.9	6.5	5.3
Gender:																
Male	7.5	7.5	9.3	11.4	14.6	14.8	13.8	13.1	13.2	13.8	14.8	14.3	11.3	9.1	8.1	6.6
Female	3.9	4.4	4.9	6.5	9.3	9.8	10.4	9.6	9.3	9.1	11.2	10.9	9.2	6.5	4.9	3.8
College Plans:																
None or under 4 years	—	6.6	8.1	9.5	13.7	13.2	12.4	12.5	12.2	13.2	14.7	15.7	12.4	9.7	9.3	7.8
Complete 4 years	—	5.0	5.5	7.7	9.5	10.8	11.5	9.9	9.9	9.7	11.4	10.4	9.0	6.7	5.3	4.1
Region:																
Northeast	5.3	6.6	7.9	11.8	13.8	14.2	16.8	16.9	15.2	19.5	20.8	17.9	13.3	9.1	7.3	6.5
North Central	5.1	5.5	6.3	8.5	10.5	10.9	9.4	9.0	8.0	5.8	8.2	10.1	7.5	6.1	5.3	4.1
South	5.4	5.1	6.0	6.8	8.5	7.8	6.8	6.3	7.7	7.7	7.5	7.1	7.0	6.2	6.0	4.8
West	7.8	7.9	10.2	10.7	18.6	20.6	22.1	17.9	19.2	19.3	19.7	20.0	16.4	12.1	8.5	6.6
Population Density:																
Large MSA	7.3	8.6	8.6	12.3	16.6	18.7	17.5	17.2	16.9	16.8	18.8	18.8	12.9	9.3	6.4	5.6
Other MSA	5.9	5.8	7.3	8.9	11.7	11.3	11.5	10.1	11.2	11.0	12.4	12.0	10.1	8.5	7.1	5.4
Non-MSA	4.3	4.3	5.8	6.4	8.9	8.9	9.4	8.5	7.3	8.3	9.2	9.0	8.1	5.3	5.4	4.8
Parental Education: ^a																
1.0-2.0 (Low)	4.5	5.3	5.5	6.3	8.4	9.0	8.3	7.6	9.0	9.4	12.0	10.5	8.7	7.6	6.7	4.7
2.5-3.0	4.6	6.1	6.8	8.7	11.1	11.2	10.5	11.0	9.8	10.9	12.7	12.9	9.9	7.4	6.4	5.6
3.5-4.0	4.5	5.9	7.2	9.0	13.2	13.3	13.3	12.5	11.7	12.2	14.0	13.6	11.2	7.2	6.4	5.6
4.5-5.0	6.3	7.6	8.1	10.4	14.0	13.6	14.9	13.6	13.1	12.2	13.7	12.2	10.0	8.7	7.1	4.4
5.5-6.0 (High)	5.2	7.1	9.5	11.6	15.2	16.3	16.2	13.8	15.1	13.4	11.9	12.5	10.8	8.1	5.8	5.5
Race (2-year average): ^b																
White	—	—	6.5	8.3	10.9	12.8	13.0	12.6	11.8	11.9	13.0	13.5	12.0	9.6	7.6	6.3
Black	—	—	4.8	4.6	4.6	5.2	4.8	5.2	7.2	6.3	5.3	5.8	4.8	3.8	2.9	1.7
Hispanic	—	—	7.2	7.5	8.9	11.2	12.4	12.1	11.4	13.3	16.3	16.7	14.0	9.9	7.8	7.4

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-27 (cont'd)
Cocaine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	3.5	3.1	3.3	3.6	4.0	4.9	5.5	5.7	6.2	5.0	4.8	5.0	4.8	5.3	5.1	5.7	+0.7
Gender:																	
Male	4.1	3.7	4.0	4.5	4.8	6.0	6.6	6.8	7.3	5.8	5.4	5.9	5.9	6.5	5.8	6.0	+0.2
Female	2.6	2.4	2.3	2.8	3.1	3.5	4.2	4.5	5.0	3.9	4.1	4.0	3.7	4.1	4.2	5.2	+1.0
College Plans:																	
None or under 4 years	4.9	5.1	4.5	5.3	5.6	7.5	8.1	9.7	9.1	7.1	8.2	8.6	6.0	8.3	7.5	8.1	+0.5
Complete 4 years	2.8	2.4	2.8	3.0	3.4	4.0	4.4	4.5	5.4	4.2	3.7	3.9	4.2	4.3	4.4	5.1	+0.8
Region:																	
Northeast	3.8	2.8	3.1	3.1	3.8	5.5	6.6	5.9	4.3	4.1	4.8	5.0	5.2	5.0	4.7	6.7	+1.9
North Central	3.2	2.5	2.4	3.7	3.4	3.8	4.7	5.8	6.2	4.8	5.7	5.2	3.9	4.2	5.0	4.2	-0.9
South	3.0	3.2	3.1	3.4	3.6	4.6	4.8	5.8	6.9	4.7	3.9	5.0	4.7	5.4	5.3	6.4	+1.1
West	4.4	4.3	4.9	4.5	5.8	6.1	6.8	5.4	6.9	6.3	5.0	4.6	5.8	7.0	5.0	5.5	+0.5
Population Density:																	
Large MSA	4.1	3.6	2.7	3.3	4.4	4.8	4.7	5.4	5.0	4.1	4.3	4.1	3.8	4.7	5.2	7.4	+2.2 s
Other MSA	3.7	3.3	3.9	4.1	3.9	4.9	5.6	5.8	6.6	4.9	5.0	5.4	5.7	5.8	5.2	4.8	-0.3
Non-MSA	2.5	2.4	2.7	3.2	3.9	4.9	6.0	6.0	6.9	6.1	5.2	5.3	4.6	5.0	4.7	4.9	+0.3
Parental Education: ^a																	
1.0-2.0 (Low)	3.5	3.9	3.5	4.1	4.8	5.3	6.5	6.9	9.0	6.2	5.7	6.6	4.8	7.3	4.3	6.1	+1.7
2.5-3.0	3.8	3.3	3.0	4.0	3.9	5.0	5.5	6.3	6.0	4.6	6.0	5.3	4.1	5.2	6.6	6.3	-0.3
3.5-4.0	3.7	3.0	3.8	3.8	4.2	5.0	5.6	6.0	6.8	5.0	4.8	5.3	5.2	5.3	5.2	5.7	+0.5
4.5-5.0	3.1	2.9	3.0	3.1	3.7	4.8	5.2	5.0	5.4	5.3	4.4	4.2	4.7	5.2	4.3	5.1	+0.8
5.5-6.0 (High)	2.4	2.6	2.4	3.3	3.4	4.3	4.4	4.4	5.2	3.9	2.6	4.3	4.4	4.3	4.1	5.7	+1.6
Race (2-year average): ^b																	
White	4.6	3.3	3.1	3.5	4.0	4.5	5.5	6.3	6.7	6.2	5.5	5.7	5.6	5.6	5.6	5.8	+0.2
Black	1.5	1.2	0.8	0.9	1.0	0.8	0.9	0.9	0.9	1.0	1.0	0.9	1.1	1.2	1.2	1.6	+0.3
Hispanic	6.1	5.2	5.8	5.4	5.5	7.3	7.6	6.7	7.5	7.6	6.1	5.5	4.9	5.5	6.2	6.5	+0.3

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-28
Crack: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	0.7	0.9	1.0	1.3	1.6	1.8	1.7	2.1	1.8	1.8	1.7	1.6	1.6	1.3	1.4	1.3	-0.1
Gender:																	
Male	0.8	0.9	1.1	1.3	1.5	1.7	1.8	2.1	1.8	1.7	1.6	1.6	1.3	1.1	1.3	1.2	0.0
Female	0.5	0.9	0.9	1.2	1.6	1.9	1.5	2.1	1.8	1.8	1.8	1.6	1.7	1.5	1.5	1.3	-0.2
College Plans:																	
None or under 4 years	2.0	2.9	3.4	4.6	4.2	4.9	4.7	7.5	5.3	5.2	4.4	5.7	5.8	4.9	3.3	4.4	+1.0
Complete 4 years	0.4	0.6	0.6	0.8	1.3	1.3	1.3	1.5	1.4	1.4	1.4	1.2	1.1	1.0	1.2	1.0	-0.2
Region:																	
Northeast	0.5	0.4	0.4	1.4	1.4	1.7	1.6	1.2	1.5	1.2	1.2	1.2	1.3	1.2	0.9	0.9	0.0
North Central	0.6	1.0	0.8	0.9	1.4	1.9	1.6	1.9	1.9	1.9	1.7	1.5	1.3	1.2	1.4	0.7	-0.7 s
South	0.7	1.0	1.2	1.6	1.4	1.7	1.4	2.5	1.9	1.4	2.0	1.7	1.8	1.3	1.5	1.8	+0.3
West	0.8	1.3	1.4	1.3	2.3	2.1	2.3	2.6	1.8	2.9	1.7	2.0	1.8	1.8	1.6	1.3	-0.3
Population Density:																	
Large MSA	0.5	0.8	0.7	1.3	1.5	1.8	1.5	1.6	1.2	1.6	1.4	1.5	1.2	1.5	1.5	1.3	-0.3
Other MSA	0.7	1.1	1.2	1.5	1.7	2.0	1.8	2.2	2.0	1.8	1.8	1.6	1.7	1.3	1.3	1.1	-0.2
Non-MSA	0.8	0.8	0.9	1.0	1.4	1.7	1.7	2.6	2.1	2.0	1.8	1.8	1.7	1.2	1.4	1.6	+0.2
Parental Education: ^a																	
1.0-2.0 (Low)	1.7	2.2	1.8	2.8	3.0	2.7	3.0	5.0	3.6	3.7	3.2	3.1	3.3	2.2	3.1	3.0	-0.1
2.5-3.0	0.7	0.8	1.0	1.4	1.2	2.1	2.0	2.2	2.0	2.1	1.8	2.1	1.7	1.7	1.8	1.5	-0.3
3.5-4.0	0.4	0.7	1.2	0.9	1.7	2.0	1.4	2.1	2.0	1.8	1.3	1.4	1.6	1.3	1.6	1.2	-0.4
4.5-5.0	0.4	0.6	0.5	1.1	1.3	1.5	1.5	1.6	1.0	1.0	1.5	1.2	1.0	1.1	0.9	0.9	0.0
5.5-6.0 (High)	0.8	1.0	0.6	1.4	1.6	1.5	1.5	1.6	1.9	1.8	1.3	1.3	1.3	1.0	0.6	1.0	+0.4
Race (2-year average): ^b																	
White	—	0.7	0.8	1.0	1.4	1.7	1.7	1.7	1.8	1.7	1.7	1.5	1.5	1.3	1.2	1.1	-0.1
Black	—	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.5	0.6	0.7	0.8	0.8	0.6	-0.2
Hispanic	—	1.9	2.0	2.1	2.7	3.0	2.8	3.6	3.9	2.9	2.6	2.7	2.8	2.6	2.5	2.6	+0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-29
Crack: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	0.9	0.9	1.1	1.4	1.8	2.1	2.2	2.5	2.4	2.2	1.8	2.3	1.6	1.7	1.7	1.3	-0.4 ss
Gender:																	
Male	0.9	0.9	1.3	1.6	1.9	2.1	2.3	2.7	2.5	2.3	1.9	2.5	1.6	1.8	1.6	1.3	-0.4
Female	0.8	0.9	0.7	1.0	1.6	2.1	2.2	2.2	2.3	2.1	1.7	2.2	1.6	1.5	1.7	1.2	-0.4
College Plans:																	
None or under 4 years	2.4	2.1	2.7	3.4	3.7	5.0	4.9	6.0	5.5	5.2	4.7	5.6	4.5	4.6	4.8	3.7	-1.1
Complete 4 years	0.6	0.6	0.7	0.9	1.5	1.5	1.8	1.9	1.8	1.7	1.4	1.8	1.1	1.2	1.3	1.0	-0.3 s
Region:																	
Northeast	0.5	0.4	1.1	1.4	1.1	1.4	1.5	2.6	2.5	1.7	1.0	1.4	1.3	1.4	1.8	0.9	-0.9 ss
North Central	0.9	0.9	0.8	1.0	1.5	2.2	2.1	2.1	2.1	1.8	1.8	2.2	1.4	1.5	1.4	1.3	-0.2
South	1.0	0.8	0.9	1.3	1.9	2.0	2.0	1.9	2.0	1.9	1.7	1.7	1.7	1.4	1.3	1.2	-0.1
West	1.1	1.4	1.7	1.9	2.8	2.8	3.8	3.9	3.2	3.8	3.3	4.4	2.0	2.6	2.5	1.7	-0.8 s
Population Density:																	
Large MSA	0.9	0.8	0.7	0.9	1.9	1.7	2.3	2.2	2.2	2.4	1.9	2.2	1.2	1.5	1.8	1.3	-0.5
Other MSA	0.9	0.9	1.1	1.5	1.6	2.4	1.7	2.4	2.3	2.0	1.8	2.5	1.7	1.8	1.5	1.1	-0.4
Non-MSA	0.9	0.9	1.2	1.6	2.3	1.9	3.3	3.1	2.8	2.5	1.8	2.2	2.1	1.7	1.9	1.6	-0.3
Parental Education: ^a																	
1.0-2.0 (Low)	1.3	1.7	1.8	1.9	3.0	3.9	3.4	4.5	3.4	4.8	3.0	3.9	2.9	3.5	2.6	3.9	+1.3
2.5-3.0	1.0	0.8	1.0	1.1	2.4	2.5	2.4	3.1	2.9	2.9	2.5	2.6	1.8	1.9	2.5	1.6	-1.0 s
3.5-4.0	0.9	1.0	1.4	1.5	1.7	1.9	2.6	2.0	2.5	2.2	1.4	2.2	1.6	1.6	1.4	1.0	-0.4
4.5-5.0	0.7	0.6	0.7	1.0	1.3	1.4	1.8	2.0	1.9	1.1	1.6	1.4	1.3	1.4	1.3	0.8	-0.6 s
5.5-6.0 (High)	0.7	0.9	0.5	1.1	1.1	1.8	1.2	1.8	1.8	1.4	1.2	2.2	0.8	0.8	1.0	1.0	0.0
Race (2-year average): ^b																	
White	—	0.9	0.9	1.1	1.5	1.9	2.2	2.3	2.4	2.2	1.8	2.0	2.0	1.6	1.5	1.4	-0.2
Black	—	0.3	0.4	0.8	0.6	0.4	0.4	0.5	0.5	0.5	0.7	0.8	0.6	0.4	0.6	0.6	+0.1
Hispanic	—	1.5	1.7	1.9	2.5	3.7	3.7	4.1	4.4	4.0	3.7	3.6	3.5	3.1	3.6	3.1	-0.5

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-30
Crack: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																																																																																																																																																																																																																																																																																																																																																																																																																																							
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<i>Approx. N =</i>	—	—	—	—	—	—	—	—	—	—	—	15,200	16,300	16,300	16,700	15,200																																																																																																																																																																																																																																																																																																																																																																																																																								
Total	—	—	—	—	—	—	—	—	—	—	—	4.1	3.9	3.1	3.1	1.9																																																																																																																																																																																																																																																																																																																																																																																																																								
Gender:																	Male	—	—	—	—	—	—	—	—	—	—	—	4.2	4.6	4.0	4.3	2.3	Female	—	—	—	—	—	—	—	—	—	—	—	3.6	3.0	2.0	1.8	1.4	College Plans:																	None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	5.2	5.1	4.1	3.8	3.5	Complete 4 years	—	—	—	—	—	—	—	—	—	—	—	2.8	2.7	2.3	2.7	1.2	Region:																	Northeast	—	—	—	—	—	—	—	—	—	—	—	6.0	4.0	2.3	3.3	2.0	North Central	—	—	—	—	—	—	—	—	—	—	—	3.1	3.5	2.4	2.2	1.6	South	—	—	—	—	—	—	—	—	—	—	—	1.6	2.8	2.6	3.3	1.8	West	—	—	—	—	—	—	—	—	—	—	—	7.5	6.1	5.6	3.8	2.7	Population Density:																	Large MSA	—	—	—	—	—	—	—	—	—	—	—	5.9	4.7	3.9	3.4	1.6	Other MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.5	3.2	3.3	2.0	Non-MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.7	2.0	2.2	2.0	Parental Education: ^a																	1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.2	3.6	3.3	3.1	2.2	2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	5.3	4.2	2.6	3.1	2.2	3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	4.0	4.0	3.4	2.8	1.8	4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	2.9	3.4	3.1	2.6	1.1	5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.7	2.4	2.1	3.7	1.8	Race (2-year average): ^b																	White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1	Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3	Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2
Male	—	—	—	—	—	—	—	—	—	—	—	4.2	4.6	4.0	4.3	2.3																																																																																																																																																																																																																																																																																																																																																																																																																								
Female	—	—	—	—	—	—	—	—	—	—	—	3.6	3.0	2.0	1.8	1.4																																																																																																																																																																																																																																																																																																																																																																																																																								
College Plans:																	None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	5.2	5.1	4.1	3.8	3.5	Complete 4 years	—	—	—	—	—	—	—	—	—	—	—	2.8	2.7	2.3	2.7	1.2	Region:																	Northeast	—	—	—	—	—	—	—	—	—	—	—	6.0	4.0	2.3	3.3	2.0	North Central	—	—	—	—	—	—	—	—	—	—	—	3.1	3.5	2.4	2.2	1.6	South	—	—	—	—	—	—	—	—	—	—	—	1.6	2.8	2.6	3.3	1.8	West	—	—	—	—	—	—	—	—	—	—	—	7.5	6.1	5.6	3.8	2.7	Population Density:																	Large MSA	—	—	—	—	—	—	—	—	—	—	—	5.9	4.7	3.9	3.4	1.6	Other MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.5	3.2	3.3	2.0	Non-MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.7	2.0	2.2	2.0	Parental Education: ^a																	1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.2	3.6	3.3	3.1	2.2	2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	5.3	4.2	2.6	3.1	2.2	3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	4.0	4.0	3.4	2.8	1.8	4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	2.9	3.4	3.1	2.6	1.1	5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.7	2.4	2.1	3.7	1.8	Race (2-year average): ^b																	White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1	Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3	Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2																																																			
None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	5.2	5.1	4.1	3.8	3.5																																																																																																																																																																																																																																																																																																																																																																																																																								
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Region:																	Northeast	—	—	—	—	—	—	—	—	—	—	—	6.0	4.0	2.3	3.3	2.0	North Central	—	—	—	—	—	—	—	—	—	—	—	3.1	3.5	2.4	2.2	1.6	South	—	—	—	—	—	—	—	—	—	—	—	1.6	2.8	2.6	3.3	1.8	West	—	—	—	—	—	—	—	—	—	—	—	7.5	6.1	5.6	3.8	2.7	Population Density:																	Large MSA	—	—	—	—	—	—	—	—	—	—	—	5.9	4.7	3.9	3.4	1.6	Other MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.5	3.2	3.3	2.0	Non-MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.7	2.0	2.2	2.0	Parental Education: ^a																	1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.2	3.6	3.3	3.1	2.2	2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	5.3	4.2	2.6	3.1	2.2	3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	4.0	4.0	3.4	2.8	1.8	4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	2.9	3.4	3.1	2.6	1.1	5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.7	2.4	2.1	3.7	1.8	Race (2-year average): ^b																	White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1	Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3	Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2																																																																																																						
Northeast	—	—	—	—	—	—	—	—	—	—	—	6.0	4.0	2.3	3.3	2.0																																																																																																																																																																																																																																																																																																																																																																																																																								
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South	—	—	—	—	—	—	—	—	—	—	—	1.6	2.8	2.6	3.3	1.8																																																																																																																																																																																																																																																																																																																																																																																																																								
West	—	—	—	—	—	—	—	—	—	—	—	7.5	6.1	5.6	3.8	2.7																																																																																																																																																																																																																																																																																																																																																																																																																								
Population Density:																	Large MSA	—	—	—	—	—	—	—	—	—	—	—	5.9	4.7	3.9	3.4	1.6	Other MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.5	3.2	3.3	2.0	Non-MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.7	2.0	2.2	2.0	Parental Education: ^a																	1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.2	3.6	3.3	3.1	2.2	2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	5.3	4.2	2.6	3.1	2.2	3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	4.0	4.0	3.4	2.8	1.8	4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	2.9	3.4	3.1	2.6	1.1	5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.7	2.4	2.1	3.7	1.8	Race (2-year average): ^b																	White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1	Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3	Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2																																																																																																																																																																																											
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Parental Education: ^a																	1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.2	3.6	3.3	3.1	2.2	2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	5.3	4.2	2.6	3.1	2.2	3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	4.0	4.0	3.4	2.8	1.8	4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	2.9	3.4	3.1	2.6	1.1	5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.7	2.4	2.1	3.7	1.8	Race (2-year average): ^b																	White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1	Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3	Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2																																																																																																																																																																																																																																																															
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.2	3.6	3.3	3.1	2.2																																																																																																																																																																																																																																																																																																																																																																																																																								
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	5.3	4.2	2.6	3.1	2.2																																																																																																																																																																																																																																																																																																																																																																																																																								
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	4.0	4.0	3.4	2.8	1.8																																																																																																																																																																																																																																																																																																																																																																																																																								
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	2.9	3.4	3.1	2.6	1.1																																																																																																																																																																																																																																																																																																																																																																																																																								
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.7	2.4	2.1	3.7	1.8																																																																																																																																																																																																																																																																																																																																																																																																																								
Race (2-year average): ^b																	White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1	Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3	Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2																																																																																																																																																																																																																																																																																																																																																																					
White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1																																																																																																																																																																																																																																																																																																																																																																																																																								
Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3																																																																																																																																																																																																																																																																																																																																																																																																																								
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2																																																																																																																																																																																																																																																																																																																																																																																																																								

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of five forms in 1986; N is one-fifth of N indicated in Table D-108. Data based on two forms in 1987-89; N is two-fifths of N indicated in 1987-88 and two-sixths of N indicated in 1989 in Table D-108. Data based on six forms beginning in 1990.

TABLE D-30 (cont'd)
Crack: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	1.5	1.5	1.5	1.9	2.1	2.1	2.4	2.5	2.7	2.2	2.1	2.3	2.2	2.3	1.9	2.1	+0.1
Gender:																	
Male	1.8	1.7	1.9	2.4	2.5	2.6	3.0	3.1	2.9	2.5	2.4	2.6	2.3	2.5	2.2	2.1	-0.1
Female	1.0	1.0	1.1	1.3	1.5	1.6	1.8	2.0	2.2	1.7	1.8	1.8	1.9	1.9	1.6	1.9	+0.4
College Plans:																	
None or under 4 years	2.3	2.6	2.7	3.3	3.0	4.0	4.3	4.6	5.0	3.5	4.4	4.5	2.7	3.9	3.4	3.5	+0.1
Complete 4 years	1.1	1.0	1.2	1.4	1.7	1.6	1.7	1.9	1.9	1.7	1.5	1.7	1.8	1.7	1.6	1.7	+0.1
Region:																	
Northeast	1.3	1.3	1.2	1.5	1.6	2.1	2.6	3.0	2.4	1.8	2.0	2.0	2.0	1.7	1.5	2.5	+1.0 s
North Central	1.5	1.4	1.3	2.2	2.0	2.3	2.2	2.6	2.8	2.0	2.6	2.6	1.9	2.1	2.3	1.5	-0.8 s
South	1.2	1.2	1.5	1.6	1.7	1.7	1.8	2.0	2.3	1.8	1.2	1.9	2.0	2.2	1.8	2.1	+0.4
West	1.8	2.1	2.1	2.3	3.5	2.6	3.4	3.2	3.4	3.2	3.0	2.8	3.0	3.3	2.3	2.2	0.0
Population Density:																	
Large MSA	1.2	1.3	1.3	1.5	2.0	2.1	2.2	2.5	2.0	1.8	1.5	1.6	1.8	2.0	1.7	2.6	+1.0 ss
Other MSA	1.7	1.6	1.8	2.1	2.1	1.9	2.3	2.4	2.5	2.1	2.2	2.4	2.3	2.2	1.8	1.7	-0.2
Non-MSA	1.2	1.3	1.4	1.9	2.1	2.5	2.8	2.9	3.6	2.8	2.8	2.8	2.4	2.8	2.5	2.0	-0.5
Parental Education: ^a																	
1.0-2.0 (Low)	1.6	1.9	2.6	2.7	3.4	3.4	3.6	3.9	3.2	2.8	3.8	4.8	2.5	3.3	2.3	3.6	+1.3
2.5-3.0	1.5	1.9	1.6	2.2	2.3	2.4	2.5	2.8	2.8	2.1	2.6	2.2	1.6	2.9	2.4	2.4	-0.1
3.5-4.0	1.7	1.3	1.5	1.8	1.7	2.2	2.0	2.4	3.0	2.2	1.8	2.3	2.3	1.9	2.0	2.0	0.0
4.5-5.0	0.9	1.0	1.4	1.1	1.9	1.6	2.5	2.1	2.2	1.8	1.9	1.7	2.2	1.8	1.5	1.8	+0.4
5.5-6.0 (High)	1.1	0.8	1.0	1.8	1.5	1.6	1.8	2.1	1.6	2.2	1.2	1.5	1.9	1.7	1.5	1.2	-0.3
Race (2-year average): ^b																	
White	1.6	1.3	1.3	1.6	1.9	2.0	2.2	2.6	2.8	2.5	2.2	2.3	2.2	2.2	2.1	1.9	-0.2
Black	1.0	0.6	0.6	0.9	1.0	0.7	0.5	0.3	0.4	0.5	0.5	0.7	1.2	1.3	0.9	1.0	0.0
Hispanic	3.4	2.7	2.5	2.4	3.1	4.1	4.2	3.9	3.5	3.4	3.1	3.1	2.9	3.0	3.1	3.1	0.0

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-31
Other Cocaine: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	1.0	1.2	1.3	1.7	2.1	2.5	2.2	2.4	2.3	1.9	1.9	1.8	1.6	1.6	1.7	1.6	-0.1
Gender:																	
Male	1.1	1.2	1.5	1.7	2.0	2.2	2.5	2.3	2.3	1.9	1.8	1.7	1.5	1.3	1.5	1.4	-0.1
Female	0.8	1.2	1.2	1.8	2.2	2.6	1.9	2.4	2.2	1.8	2.0	1.9	1.6	1.8	1.8	1.7	0.0
College Plans:																	
None or under 4 years	2.7	4.2	4.1	5.6	5.9	6.6	6.0	7.7	7.1	6.1	5.3	6.4	5.0	5.4	4.5	5.7	+1.1
Complete 4 years	0.6	0.7	0.9	1.2	1.6	1.8	1.7	1.8	1.7	1.4	1.5	1.3	1.2	1.1	1.4	1.2	-0.2
Region:																	
Northeast	1.2	0.7	0.9	1.9	1.8	2.1	1.6	1.4	1.7	1.1	1.6	1.2	1.0	1.6	1.5	1.0	-0.5
North Central	0.6	1.0	0.7	0.9	2.0	2.4	2.0	1.9	2.2	2.3	1.6	1.8	1.7	1.1	1.3	1.1	-0.3
South	1.0	1.5	1.6	2.0	2.0	2.3	2.1	3.1	2.6	1.7	2.4	2.1	1.9	1.7	1.9	2.3	+0.4
West	1.3	1.5	2.1	2.0	2.7	3.1	2.9	2.5	2.2	2.5	1.7	1.9	1.6	1.8	1.8	1.5	-0.4
Population Density:																	
Large MSA	0.9	1.1	1.0	1.6	2.0	2.5	1.7	1.8	1.8	1.6	1.6	1.4	1.2	1.7	1.6	1.5	0.0
Other MSA	0.9	1.4	1.8	2.1	2.1	2.6	2.2	2.5	2.3	1.8	2.2	1.8	1.6	1.6	1.7	1.6	-0.1
Non-MSA	1.1	0.9	0.7	1.2	2.2	2.2	2.5	2.8	2.8	2.5	1.6	2.3	2.2	1.3	1.7	1.7	0.0
Parental Education: ^a																	
1.0-2.0 (Low)	2.1	2.7	2.2	3.1	4.3	3.2	3.5	4.7	5.1	4.2	3.7	2.8	2.9	3.1	2.9	3.6	+0.7
2.5-3.0	1.2	1.1	1.5	2.0	2.0	2.6	2.4	2.5	2.8	2.1	1.9	2.3	1.8	1.9	2.2	1.7	-0.4
3.5-4.0	0.6	1.0	1.5	1.9	2.2	2.8	2.1	2.4	2.3	1.9	1.8	1.9	1.6	1.5	2.0	1.7	-0.3
4.5-5.0	0.6	0.8	0.8	1.1	1.6	2.4	1.9	1.8	1.3	1.4	1.6	1.6	1.1	1.3	1.2	1.2	0.0
5.5-6.0 (High)	1.0	1.2	0.8	1.2	2.0	1.9	1.7	1.8	1.8	1.3	1.1	0.8	1.5	0.9	0.9	0.9	0.0
Race (2-year average): ^b																	
White	—	0.9	1.0	1.2	1.8	2.4	2.5	2.2	2.1	1.9	1.8	1.8	1.8	1.5	1.4	1.5	+0.1
Black	—	0.6	0.5	0.6	0.5	0.4	0.3	0.5	0.7	0.6	0.5	0.5	0.6	0.8	0.9	0.7	-0.2
Hispanic	—	2.6	3.3	4.0	4.3	4.1	3.3	4.0	4.9	3.9	3.2	3.1	2.7	2.8	2.9	2.8	-0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-32
Other Cocaine: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	2.1	1.7	1.8	2.4	3.0	3.5	4.1	4.0	4.4	3.8	3.0	3.4	2.8	3.3	3.0	2.9	-0.1
Gender:																	
Male	2.0	1.9	2.2	2.7	3.1	3.7	4.1	4.1	4.6	4.2	3.3	3.6	2.9	3.6	3.3	3.0	-0.3
Female	2.1	1.5	1.4	2.1	2.9	3.3	4.0	3.8	4.1	3.4	2.6	3.3	2.7	3.0	2.7	2.8	+0.1
College Plans:																	
None or under 4 years	4.4	3.3	4.5	5.9	6.3	8.4	9.0	9.3	10.5	8.3	8.2	8.7	7.3	8.3	8.1	8.3	+0.2
Complete 4 years	1.6	1.3	1.3	1.7	2.5	2.7	3.2	3.0	3.4	3.0	2.1	2.6	2.1	2.6	2.3	2.2	-0.1
Region:																	
Northeast	1.3	1.0	1.8	2.0	2.2	2.2	2.5	4.3	4.1	2.5	2.0	1.8	2.7	3.2	3.0	2.5	-0.5
North Central	1.6	1.3	1.3	1.8	2.5	3.4	3.4	3.1	3.9	4.0	3.0	3.2	2.3	3.0	3.0	2.8	-0.2
South	1.9	1.6	1.7	2.2	2.9	3.5	4.8	3.7	4.7	3.9	3.2	3.3	3.1	3.2	2.6	2.9	+0.3
West	3.4	3.1	3.2	4.3	4.8	5.2	5.3	5.2	4.6	4.6	3.9	5.5	3.2	4.1	3.6	3.5	-0.1
Population Density:																	
Large MSA	1.6	1.5	1.4	1.9	2.8	3.3	3.9	3.8	3.7	3.7	2.5	3.1	2.2	2.9	2.7	2.6	-0.1
Other MSA	2.6	2.0	2.0	2.7	3.1	3.9	3.8	4.0	4.5	3.7	3.2	3.7	2.8	3.4	3.1	3.0	-0.1
Non-MSA	1.4	1.4	1.9	2.5	3.1	3.2	4.9	4.2	4.8	4.0	3.2	3.3	4.1	3.6	3.3	3.4	0.0
Parental Education: ^a																	
1.0-2.0 (Low)	3.1	2.7	2.7	3.1	5.0	6.1	5.5	6.7	7.6	6.3	4.8	7.1	6.4	5.7	4.5	5.6	+1.1
2.5-3.0	2.2	1.6	2.0	2.6	3.6	3.6	4.3	4.5	5.1	4.4	4.5	3.9	3.5	3.7	4.0	3.7	-0.3
3.5-4.0	2.2	2.0	2.2	2.7	3.3	3.8	4.6	4.0	4.2	4.0	2.5	3.2	2.9	3.7	3.0	2.8	-0.2
4.5-5.0	1.6	1.3	1.4	1.8	2.2	3.0	3.3	3.0	3.5	3.0	2.2	2.0	1.8	2.8	2.4	1.8	-0.6
5.5-6.0 (High)	1.8	1.3	0.9	1.6	1.7	2.8	2.9	2.5	3.5	2.7	1.4	2.7	1.2	1.6	2.1	2.8	+0.7
Race (2-year average): ^b																	
White	—	1.9	1.8	1.9	2.6	3.2	3.7	4.1	4.3	4.1	3.4	3.3	3.4	3.4	3.3	3.2	-0.2
Black	—	0.5	0.5	0.9	0.8	0.6	0.6	0.9	0.8	0.5	0.5	0.7	0.7	0.7	0.8	0.9	+0.1
Hispanic	—	3.4	3.4	4.6	5.2	6.1	7.5	7.0	6.8	7.1	5.6	5.0	5.2	5.1	5.4	5.0	-0.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-33
Other Cocaine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	—	—	—	—	—	—	—	—	—	—	—	—	16,300	16,300	16,700	15,200
Total	—	—	—	—	—	—	—	—	—	—	—	—	9.8	7.4	5.2	4.6
Gender:																
Male	—	—	—	—	—	—	—	—	—	—	—	—	10.1	8.0	6.5	5.8
Female	—	—	—	—	—	—	—	—	—	—	—	—	9.1	6.2	4.0	3.2
College Plans:																
None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	—	9.8	6.0	7.3	6.3
Complete 4 years	—	—	—	—	—	—	—	—	—	—	—	—	8.3	6.7	4.2	3.7
Region:																
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	12.9	7.0	4.9	5.6
North Central	—	—	—	—	—	—	—	—	—	—	—	—	8.2	5.6	4.8	3.7
South	—	—	—	—	—	—	—	—	—	—	—	—	5.8	5.8	4.6	4.1
West	—	—	—	—	—	—	—	—	—	—	—	—	15.3	13.4	7.5	6.1
Population Density:																
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	13.3	9.8	5.6	5.0
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	8.9	7.8	5.4	4.7
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	8.0	4.5	4.4	4.1
Parental Education: ^a																
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	5.3	4.9	3.3	3.4
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	10.5	6.5	4.6	5.0
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	10.5	7.2	5.1	4.7
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	9.0	7.7	6.1	4.1
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	9.7	9.0	6.5	5.4
Race (2-year average): ^b																
White	—	—	—	—	—	—	—	—	—	—	—	—	—	9.3	7.0	5.3
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	2.8	1.4	0.7
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	6.3	5.1	5.1

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one form in 1987-89; N is one-fifth of N indicated in 1987-88 and one-sixth of N indicated in 1989 in Table D-108. Data based on four of six forms beginning in 1990; N is four-sixths of N indicated in Table D-108.

TABLE D-33 (cont'd)
Other Cocaine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change	
	Class of:																	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006		
	<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total		3.2	2.6	2.9	3.0	3.4	4.2	5.0	4.9	5.8	4.5	4.4	4.4	4.2	4.7	4.5	5.2	+0.7
Gender:																		
Male		3.7	3.1	3.7	3.7	4.0	4.9	5.7	5.6	7.1	5.5	4.9	5.0	5.4	5.8	5.4	5.7	+0.4
Female		2.4	2.0	2.0	2.3	2.5	3.2	4.0	3.9	4.2	3.4	3.7	3.7	2.9	3.5	3.6	4.4	+0.8
College Plans:																		
None or under 4 years		4.0	4.0	3.9	4.3	4.5	5.7	7.0	8.9	7.6	6.7	7.4	7.1	4.8	6.8	6.7	6.9	+0.2
Complete 4 years		2.8	2.0	2.5	2.5	2.9	3.5	4.1	3.5	5.2	3.7	3.4	3.4	3.8	3.9	3.9	4.7	+0.8
Region:																		
Northeast		3.4	2.8	2.3	2.8	4.2	5.2	5.9	4.7	4.1	3.7	4.4	4.3	5.3	4.4	4.3	6.2	+1.9
North Central		2.9	2.2	2.3	3.5	2.7	3.2	4.1	5.3	5.7	4.5	5.6	4.8	3.2	3.9	4.2	3.6	-0.6
South		2.8	2.5	2.6	2.6	3.1	4.2	4.6	4.9	6.6	4.0	3.9	4.4	4.1	4.9	4.7	5.8	+1.0
West		3.9	3.1	4.6	3.5	4.0	4.5	6.2	4.4	6.1	5.9	3.5	3.9	4.7	5.8	4.7	5.1	+0.5
Population Density:																		
Large MSA		3.7	3.1	2.6	2.6	3.7	3.9	4.2	4.8	4.8	3.7	4.1	3.5	3.0	3.9	4.6	7.2	+2.6 s
Other MSA		3.3	2.5	3.6	3.5	3.3	4.4	5.2	4.9	6.0	4.5	4.3	4.7	5.3	5.4	4.7	4.4	-0.3
Non-MSA		2.5	2.3	2.0	2.6	3.1	4.2	5.6	4.9	6.7	5.4	5.0	4.9	3.9	4.2	4.0	3.8	-0.3
Parental Education: ^a																		
1.0-2.0 (Low)		3.5	3.7	3.9	2.7	2.9	5.2	6.4	5.5	7.4	5.4	3.7	5.1	4.1	6.3	4.1	4.6	+0.4
2.5-3.0		3.5	2.3	2.3	3.2	3.4	3.8	4.9	5.3	5.0	3.8	5.6	4.7	3.4	3.6	5.5	5.5	0.0
3.5-4.0		3.2	2.6	3.3	3.4	3.6	4.6	4.9	5.3	6.9	4.7	4.7	4.9	4.6	5.1	4.7	5.2	+0.5
4.5-5.0		2.7	2.3	2.9	2.6	3.2	3.9	4.4	4.2	5.5	4.5	3.9	3.4	4.3	5.1	4.2	4.6	+0.4
5.5-6.0 (High)		2.4	2.0	1.7	3.1	2.7	3.8	4.8	3.5	3.6	4.2	2.2	3.9	3.8	3.7	3.7	5.9	+2.2
Race (2-year average): ^b																		
White		4.2	2.9	2.6	2.9	3.3	3.9	5.0	5.6	6.0	5.7	5.0	5.1	4.9	4.8	4.9	5.2	+0.3
Black		1.0	1.0	0.7	0.8	0.8	0.7	0.7	0.6	0.8	1.0	0.9	0.8	1.0	1.1	1.2	1.4	+0.2
Hispanic		5.0	4.3	5.1	5.1	4.0	5.6	6.9	6.0	5.8	6.6	5.8	4.7	3.9	4.8	5.8	5.7	-0.1

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-34
Heroin: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995 ^a	1996 ^a	1997 ^a	1998 ^a	1999 ^a	2000 ^a	2001 ^a	2002 ^a	2003 ^a	2004 ^a	2005 ^a	2006 ^a	
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	0.7	0.7	0.7	1.2	1.4	1.6	1.3	1.3	1.4	1.1	1.0	0.9	0.9	1.0	0.8	0.8	0.0
Gender:																	
Male	0.9	0.8	0.8	1.3	1.6	1.5	1.4	1.5	1.4	1.0	1.0	0.8	0.8	0.9	0.8	0.6	-0.1
Female	0.5	0.7	0.5	0.9	1.2	1.5	1.1	1.1	1.3	1.2	1.0	1.0	0.9	1.0	0.8	0.9	0.0
College Plans:																	
None or under 4 years	2.1	2.7	2.0	3.9	4.4	4.1	3.4	5.0	3.7	3.5	3.1	2.9	3.1	4.2	2.3	3.0	+0.6
Complete 4 years	0.4	0.4	0.5	0.7	1.0	1.1	1.1	0.9	1.1	0.8	0.8	0.7	0.6	0.6	0.6	0.6	-0.1
Region:																	
Northeast	0.5	0.6	0.7	1.3	1.4	1.8	1.1	1.1	1.3	1.1	1.1	0.8	0.7	1.1	0.7	0.4	-0.2
North Central	0.4	0.8	0.5	1.1	1.4	1.6	1.4	1.3	1.6	1.4	1.0	1.0	1.0	0.8	0.5	0.7	+0.2
South	0.8	0.7	0.7	1.1	1.5	1.4	1.2	1.4	1.4	0.7	1.2	1.0	1.0	0.9	1.0	0.9	-0.1
West	1.0	0.7	1.1	1.1	1.2	1.6	1.4	1.3	1.2	1.4	0.7	1.0	0.9	1.2	0.8	0.9	+0.1
Population Density:																	
Large MSA	0.5	0.7	0.7	1.2	1.2	1.4	1.0	1.0	1.3	1.0	0.9	0.7	0.8	1.2	0.6	0.7	0.0
Other MSA	0.7	0.8	0.9	1.2	1.5	1.7	1.3	1.3	1.4	1.1	1.0	1.0	0.9	1.0	0.8	0.9	0.0
Non-MSA	0.8	0.7	0.4	1.0	1.5	1.5	1.5	1.6	1.5	1.0	1.1	1.1	1.2	0.6	1.0	0.8	-0.2
Parental Education: ^b																	
1.0-2.0 (Low)	1.5	1.4	0.8	2.0	2.6	2.0	2.3	3.5	2.8	1.7	2.6	1.2	2.1	1.9	0.5	1.8	+1.3 ss
2.5-3.0	0.9	0.7	0.6	1.1	1.0	1.7	1.4	1.2	1.4	1.5	1.1	1.3	1.0	1.1	1.3	0.8	-0.5
3.5-4.0	0.6	0.6	0.7	1.3	1.6	1.7	1.0	1.1	1.2	0.7	1.0	0.9	0.8	1.0	1.0	0.8	-0.2
4.5-5.0	0.4	0.5	0.8	0.8	1.2	1.4	1.1	1.1	1.1	0.8	0.6	0.8	0.6	0.7	0.5	0.6	+0.1
5.5-6.0 (High)	0.5	0.8	0.6	1.3	1.6	1.0	1.5	1.4	1.8	1.0	0.8	0.6	0.7	0.6	0.4	0.4	0.0
Race (2-year average): ^c																	
White	—	0.6	0.6	0.8	1.2	1.6	1.6	1.3	1.2	1.2	1.0	1.0	0.9	0.9	0.8	0.7	-0.1
Black	—	0.4	0.3	0.6	0.7	0.5	0.4	0.5	0.7	0.5	0.6	0.6	0.5	0.7	0.5	0.4	-0.1
Hispanic	—	1.4	1.4	1.5	1.8	2.1	1.7	1.7	2.2	2.0	1.4	1.2	1.4	1.7	1.5	1.1	-0.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 1995, the heroin question was changed in half of the forms. Separate questions were asked for use with injection and without injection. In 1996, the remaining forms were also changed. Data presented here represent the combined data from all forms.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-35
Heroin: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change	
	1991	1992	1993	1994	1995 ^a	1996 ^a	1997 ^a	1998 ^a	1999 ^a	2000 ^a	2001 ^a	2002 ^a	2003 ^a	2004 ^a	2005 ^a	2006 ^a		
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200		
Total	0.5	0.6	0.7	0.9	1.1	1.2	1.4	1.4	1.4	1.4	0.9	1.1	0.7	0.9	0.9	0.9	-0.1	
Gender:																		
Male	0.7	0.8	0.9	1.0	1.3	1.5	1.6	1.7	1.7	1.5	1.0	1.3	0.8	1.0	1.1	0.9	-0.2	
Female	0.4	0.4	0.4	0.8	0.8	0.9	1.3	1.1	1.2	1.2	0.8	0.8	0.7	0.7	0.8	0.8	+0.1	
College Plans:																		
None or under 4 years	1.4	1.4	1.9	2.0	2.2	2.4	2.9	2.7	3.4	3.8	2.5	2.7	2.0	2.8	3.2	2.7	-0.4	
Complete 4 years	0.3	0.4	0.4	0.7	0.9	1.0	1.2	1.2	1.1	1.0	0.7	0.8	0.5	0.6	0.6	0.6	0.0	
Region:																		
Northeast	0.4	0.6	0.6	0.6	0.9	0.9	1.3	1.8	1.9	1.5	1.0	0.9	0.6	1.1	1.3	0.9	-0.3	
North Central	0.6	0.6	0.8	0.9	1.0	1.5	1.5	1.4	1.3	1.6	1.1	1.2	0.7	0.7	1.0	0.9	-0.1	
South	0.6	0.5	0.6	1.0	1.3	1.4	1.5	1.3	1.4	1.5	0.9	0.8	0.9	1.0	0.8	0.9	+0.2	
West	0.4	0.8	0.5	1.2	1.0	1.0	1.3	1.1	1.1	0.7	0.7	1.4	0.7	0.8	0.8	0.7	-0.1	
Population Density:																		
Large MSA	0.6	0.6	0.7	0.8	1.0	1.1	1.6	1.2	1.2	1.8	0.9	0.9	0.6	0.9	0.8	0.7	-0.2	
Other MSA	0.5	0.6	0.6	0.9	1.0	1.3	1.3	1.5	1.4	1.2	1.0	1.0	0.8	0.9	1.0	0.9	-0.1	
Non-MSA	0.4	0.6	0.7	1.0	1.3	1.2	1.6	1.5	1.6	1.2	0.9	1.4	0.9	0.7	0.9	1.0	+0.1	
Parental Education: ^b																		
1.0-2.0 (Low)	0.4	0.5	1.2	1.3	1.8	1.0	1.3	1.7	2.4	1.3	1.1	2.0	1.1	1.5	1.7	1.4	-0.3	
2.5-3.0	0.8	0.7	0.7	0.8	1.0	1.2	1.3	1.2	1.5	1.7	1.3	0.8	0.8	1.0	1.2	0.9	-0.3	
3.5-4.0	0.5	0.6	0.8	0.9	1.2	1.3	1.6	1.6	1.2	1.5	0.6	1.1	0.7	0.8	0.8	0.6	-0.2	
4.5-5.0	0.4	0.5	0.3	0.9	0.9	1.1	1.5	1.3	1.4	1.3	0.8	0.7	0.6	0.7	0.8	0.7	-0.2	
5.5-6.0 (High)	0.4	0.5	0.8	0.9	0.9	1.5	1.1	1.3	1.2	1.1	0.9	1.6	0.3	0.5	0.6	1.2	+0.6 s	
Race (2-year average): ^c																		
White	—	0.6	0.7	0.8	1.0	1.2	1.4	1.4	1.5	1.5	1.2	1.0	0.9	0.8	0.9	1.0	0.0	
Black	—	0.3	0.4	0.6	0.6	0.2	0.2	0.4	0.5	0.5	0.5	0.3	0.3	0.4	0.6	0.6	0.0	
Hispanic	—	0.7	0.7	0.7	1.0	1.0	1.3	1.6	1.7	1.4	1.4	1.1	1.1	1.2	1.2	1.2	-0.1	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 1995, the heroin question was changed in half of the forms. Separate questions were asked for use with injection and without injection. In 1996, the remaining forms were also changed. Data presented here represent the combined data from all forms.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-36
Heroin: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	1.0	0.8	0.8	0.8	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.5
Gender:																
Male	1.2	1.0	1.2	1.1	0.6	0.6	0.6	0.8	0.7	0.7	0.8	0.7	0.7	0.7	0.9	0.6
Female	0.8	0.5	0.4	0.6	0.3	0.4	0.3	0.4	0.4	0.3	0.3	0.2	0.3	0.3	0.4	0.3
College Plans:																
None or under 4 years	—	0.9	1.1	1.0	0.7	0.6	0.5	0.7	0.9	0.6	0.7	0.8	0.5	0.8	0.9	0.6
Complete 4 years	—	0.6	0.5	0.6	0.3	0.3	0.5	0.4	0.3	0.4	0.5	0.4	0.4	0.3	0.5	0.4
Region:																
Northeast	1.1	0.7	0.7	0.6	0.6	0.5	0.5	0.9	0.6	0.6	0.8	0.7	0.6	0.5	0.9	0.8
North Central	1.3	1.0	1.0	0.8	0.5	0.7	0.6	0.5	0.4	0.6	0.6	0.4	0.6	0.3	0.6	0.3
South	0.9	0.7	0.9	1.1	0.6	0.3	0.5	0.5	0.7	0.5	0.6	0.5	0.4	0.5	0.6	0.5
West	0.7	0.6	0.5	0.8	0.2	0.4	0.5	0.3	0.5	0.4	0.3	0.5	0.5	0.7	0.7	0.3
Population Density:																
Large MSA	1.3	1.0	0.5	0.7	0.4	0.3	0.3	0.7	0.6	0.6	0.7	0.7	0.3	0.4	0.5	0.4
Other MSA	0.9	1.0	0.8	0.8	0.6	0.5	0.5	0.4	0.4	0.4	0.7	0.4	0.6	0.5	0.7	0.5
Non-MSA	1.0	0.4	1.1	1.0	0.5	0.6	0.7	0.6	0.7	0.7	0.4	0.5	0.5	0.5	0.8	0.5
Parental Education: ^b																
1.0-2.0 (Low)	1.2	0.8	0.8	0.8	0.6	0.6	0.4	0.4	0.5	0.6	0.8	0.9	0.5	0.5	0.9	0.8
2.5-3.0	0.8	0.9	0.8	0.9	0.5	0.6	0.6	0.7	0.6	0.5	0.5	0.4	0.4	0.7	0.7	0.4
3.5-4.0	0.6	0.8	0.9	0.7	0.4	0.4	0.5	0.3	0.5	0.5	0.5	0.5	0.6	0.4	0.6	0.4
4.5-5.0	1.2	1.4	0.6	0.9	0.6	0.4	0.3	0.6	0.4	0.4	0.7	0.3	0.3	0.3	0.6	0.4
5.5-6.0 (High)	1.2	0.6	1.1	1.0	0.8	0.4	0.7	1.1	0.8	0.5	0.6	0.5	0.7	0.4	0.4	0.5
Race (2-year average): ^c																
White	—	—	0.8	0.8	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.6
Black	—	—	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.4	0.5	0.5	0.5	0.7	0.6	0.3
Hispanic	—	—	1.2	2.0	1.7	0.4	0.3	0.4	0.6	1.1	1.0	0.9	0.9	0.5	0.5	0.6

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-36 (cont'd)
Heroin: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995 ^a	1996 ^a	1997 ^a	Class of:									
	1998 ^a	1999 ^a	2000 ^a	2001 ^a	2002 ^a	2003 ^a	2004 ^a	2005 ^a	2006 ^a								
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	0.4	0.6	0.5	0.6	1.1	1.0	1.2	1.0	1.1	1.5	0.9	1.0	0.8	0.9	0.8	0.8	-0.1
Gender:																	
Male	0.6	0.8	0.7	0.8	1.4	1.3	1.5	1.4	1.4	1.7	1.3	1.1	0.8	1.2	1.2	1.0	-0.2
Female	0.3	0.3	0.3	0.4	0.8	0.7	0.9	0.7	0.8	1.2	0.6	0.8	0.5	0.4	0.5	0.4	-0.1
College Plans:																	
None or under 4 years	0.5	0.9	1.0	1.1	1.5	1.8	1.8	1.7	1.3	2.2	1.3	2.3	0.9	1.6	1.8	1.3	-0.5
Complete 4 years	0.4	0.5	0.4	0.5	0.9	0.8	1.0	0.8	1.0	1.1	0.7	0.7	0.6	0.6	0.6	0.6	-0.1
Region:																	
Northeast	0.2	0.5	0.9	0.7	1.0	1.6	1.7	1.3	1.2	1.0	1.2	1.2	0.8	0.9	1.0	1.1	+0.1
North Central	0.8	0.6	0.5	0.9	0.7	0.7	0.9	1.0	0.9	1.4	1.3	1.0	0.6	0.6	0.8	0.4	-0.4
South	0.4	0.6	0.4	0.6	1.4	1.0	1.1	1.1	1.3	1.6	0.6	1.2	1.0	1.0	0.9	0.8	0.0
West	0.3	0.8	0.5	0.4	1.0	0.9	1.2	0.6	0.9	1.8	0.8	0.5	0.5	0.9	0.7	0.7	0.0
Population Density:																	
Large MSA	0.4	0.4	0.6	0.4	1.4	1.1	1.1	0.9	0.8	1.9	1.1	1.0	0.7	0.8	0.8	1.0	+0.3
Other MSA	0.4	0.7	0.5	0.8	0.9	1.1	1.3	1.3	1.3	1.3	0.8	1.0	0.8	1.0	0.9	0.6	-0.3
Non-MSA	0.6	0.7	0.5	0.5	1.0	0.9	1.0	0.6	1.0	1.3	0.9	1.1	0.9	0.6	0.8	0.6	-0.3
Parental Education: ^b																	
1.0-2.0 (Low)	0.5	0.7	0.3	0.9	1.8	1.1	2.1	1.2	2.3	2.3	1.3	2.1	1.1	1.4	1.0	1.2	+0.2
2.5-3.0	0.4	0.6	0.4	0.8	1.1	0.9	1.0	1.0	0.9	1.6	0.5	1.0	0.7	0.9	1.2	0.9	-0.3
3.5-4.0	0.4	0.6	0.6	0.4	0.9	1.1	1.2	1.2	1.0	1.3	1.0	0.9	0.8	0.7	0.8	0.7	-0.1
4.5-5.0	0.6	0.7	0.7	0.3	1.1	1.0	1.1	1.0	1.1	1.5	1.0	0.7	0.6	0.9	0.5	0.5	-0.1
5.5-6.0 (High)	0.5	0.3	0.4	0.9	1.0	0.8	1.1	0.7	1.1	1.1	0.8	1.0	0.6	0.6	0.8	0.7	-0.1
Race (2-year average): ^c																	
White	0.5	0.5	0.5	0.5	0.8	1.0	1.2	1.2	1.1	1.3	1.3	1.0	0.8	0.7	0.7	0.7	0.0
Black	0.2	0.5	0.4	0.3	0.4	0.5	0.5	0.4	0.3	0.5	0.4	0.5	0.7	0.7	0.8	0.7	-0.1
Hispanic	0.6	0.9	0.7	0.5	1.2	1.5	1.1	0.8	1.0	2.0	1.6	0.8	0.8	1.0	1.3	1.2	-0.1

^aIn 1995, the heroin question was changed in half of the forms. Separate questions were asked for use with injection and without injection. Data presented here represent the combined data from all forms.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-37
Heroin with a Needle: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	—	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	—	—	—	—	0.9	1.0	0.8	0.8	0.9	0.6	0.7	0.6	0.6	0.7	0.6	0.5	0.0
Gender:																	
Male	—	—	—	—	1.2	1.0	0.8	1.0	1.0	0.7	0.7	0.6	0.7	0.7	0.6	0.4	-0.2
Female	—	—	—	—	0.5	1.0	0.7	0.7	0.8	0.6	0.7	0.6	0.5	0.7	0.6	0.6	0.0
College Plans:																	
None or under 4 years	—	—	—	—	3.2	3.1	2.0	3.1	2.2	2.1	2.2	1.9	2.0	3.1	1.5	2.1	+0.6
Complete 4 years	—	—	—	—	0.6	0.7	0.6	0.6	0.7	0.5	0.6	0.5	0.4	0.4	0.4	0.4	-0.1
Region:																	
Northeast	—	—	—	—	0.8	1.3	0.5	0.6	1.0	0.8	0.9	0.6	0.4	0.7	0.4	0.3	-0.1
North Central	—	—	—	—	0.9	1.1	0.7	0.9	1.2	0.9	0.7	0.8	0.6	0.6	0.3	0.4	0.0
South	—	—	—	—	0.8	0.9	0.8	1.0	0.9	0.3	0.9	0.6	0.7	0.6	0.8	0.6	-0.2
West	—	—	—	—	1.0	1.0	1.0	0.8	0.7	0.8	0.3	0.6	0.7	0.9	0.6	0.7	+0.1
Population Density:																	
Large MSA	—	—	—	—	0.9	0.7	0.6	0.8	0.8	0.7	0.7	0.4	0.5	1.0	0.3	0.5	+0.2
Other MSA	—	—	—	—	0.9	1.2	0.8	0.8	0.9	0.6	0.6	0.7	0.6	0.7	0.7	0.6	-0.1
Non-MSA	—	—	—	—	0.9	1.1	0.9	1.1	1.1	0.7	1.0	0.8	0.9	0.5	0.7	0.4	-0.3
Parental Education: ^a																	
1.0-2.0 (Low)	—	—	—	—	1.3	0.9	1.5	2.3	2.0	1.2	2.0	1.1	1.6	1.6	0.3	1.4	+1.1 ss
2.5-3.0	—	—	—	—	0.5	1.2	0.8	0.8	0.9	0.5	0.7	0.9	0.6	0.8	1.0	0.5	-0.4
3.5-4.0	—	—	—	—	0.8	1.2	0.6	0.6	0.9	0.4	0.6	0.6	0.4	0.7	0.7	0.4	-0.3
4.5-5.0	—	—	—	—	1.0	0.8	0.7	0.7	0.5	0.4	0.5	0.5	0.5	0.6	0.3	0.4	+0.2
5.5-6.0 (High)	—	—	—	—	1.0	0.6	0.9	0.9	1.2	0.9	0.7	0.4	0.5	0.5	0.3	0.2	-0.1
Race (2-year average): ^b																	
White	—	—	—	—	—	1.1	1.0	0.7	0.8	0.7	0.6	0.7	0.6	0.6	0.5	0.4	-0.1
Black	—	—	—	—	—	0.3	0.2	0.3	0.4	0.3	0.5	0.5	0.4	0.5	0.4	0.3	-0.1
Hispanic	—	—	—	—	—	1.1	1.0	1.1	1.5	1.2	0.8	0.7	0.9	1.3	1.1	0.9	-0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1995; N is one-half of N indicated in Table D-106.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-38
Heroin with a Needle: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	—	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	—	—	—	—	0.6	0.7	0.7	0.8	0.6	0.5	0.4	0.6	0.5	0.5	0.5	0.5	0.0
Gender:																	
Male	—	—	—	—	0.8	0.8	0.9	1.0	0.8	0.6	0.5	0.6	0.5	0.6	0.6	0.6	0.0
Female	—	—	—	—	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.4	+0.1
College Plans:																	
None or under 4 years	—	—	—	—	1.6	1.4	1.5	1.6	1.7	1.7	1.4	1.5	1.4	1.6	1.6	1.3	-0.3
Complete 4 years	—	—	—	—	0.4	0.5	0.6	0.6	0.5	0.3	0.3	0.4	0.3	0.3	0.3	0.4	+0.1
Region:																	
Northeast	—	—	—	—	0.5	0.3	0.6	0.8	0.7	0.5	0.5	0.4	0.4	0.5	0.6	0.6	0.0
North Central	—	—	—	—	0.6	1.0	0.8	0.9	0.7	0.5	0.5	0.6	0.5	0.4	0.5	0.5	0.0
South	—	—	—	—	0.6	0.7	0.8	0.8	0.6	0.6	0.3	0.5	0.5	0.5	0.4	0.6	+0.3
West	—	—	—	—	0.5	0.5	0.6	0.6	0.6	0.4	0.5	0.8	0.5	0.5	0.6	0.3	-0.2
Population Density:																	
Large MSA	—	—	—	—	0.5	0.5	0.6	0.7	0.6	0.6	0.4	0.5	0.4	0.5	0.4	0.4	0.0
Other MSA	—	—	—	—	0.5	0.7	0.6	0.7	0.5	0.4	0.5	0.4	0.4	0.5	0.6	0.5	0.0
Non-MSA	—	—	—	—	0.8	0.8	1.1	1.0	1.0	0.6	0.4	1.0	0.6	0.3	0.5	0.7	+0.2
Parental Education: ^a																	
1.0-2.0 (Low)	—	—	—	—	1.6	0.6	0.7	1.3	1.2	1.0	0.5	1.2	0.8	1.0	1.4	1.0	-0.4
2.5-3.0	—	—	—	—	0.5	0.8	0.6	0.6	0.7	0.8	0.7	0.3	0.4	0.5	0.6	0.5	-0.1
3.5-4.0	—	—	—	—	0.7	0.7	0.9	0.9	0.6	0.5	0.2	0.6	0.5	0.4	0.4	0.4	0.0
4.5-5.0	—	—	—	—	0.4	0.5	0.7	0.6	0.6	0.3	0.3	0.3	0.5	0.3	0.4	0.3	-0.1
5.5-6.0 (High)	—	—	—	—	0.3	0.6	0.7	0.8	0.6	0.3	0.5	1.1	0.2	0.3	0.3	1.0	+0.7 s
Race (2-year average): ^b																	
White	—	—	—	—	—	0.6	0.7	0.7	0.6	0.5	0.4	0.5	0.5	0.4	0.4	0.5	+0.1
Black	—	—	—	—	—	0.1	0.1	0.3	0.3	0.3	0.3	0.2	0.1	0.2	0.5	0.4	0.0
Hispanic	—	—	—	—	—	0.6	0.6	0.8	1.0	0.9	0.9	0.7	0.7	0.8	0.8	0.8	0.0

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1995; N is one-half of N indicated in Table D-107.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-39
Heroin with a Needle: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															'05-'06 change
	1975-79	1980-89	1990-94	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Class of:</i>															
<i>Approx. N =</i>	—	—	—	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	—	—	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.5	0.5	0.0
Gender:																
Male	—	—	—	0.7	0.9	0.9	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.0
Female	—	—	—	0.3	0.1	0.2	0.3	0.2	0.2	0.1	0.2	0.3	0.1	0.3	0.3	0.0
College Plans:																
None or under 4 years	—	—	—	0.9	1.2	0.9	0.8	0.5	1.0	0.7	0.9	0.4	1.0	0.9	1.0	+0.1
Complete 4 years	—	—	—	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.3	0.4	0.2	0.4	0.3	-0.1
Region:																
Northeast	—	—	—	0.4	0.6	0.6	0.7	0.3	0.2	0.7	0.6	0.6	0.6	0.6	0.8	+0.3
North Central	—	—	—	0.5	0.4	0.8	0.4	0.5	0.4	0.2	0.6	0.3	0.2	0.7	0.1	-0.5 s
South	—	—	—	0.4	0.6	0.3	0.5	0.4	0.8	0.1	0.3	0.6	0.4	0.4	0.6	+0.2
West	—	—	—	0.8	0.5	0.5	0.1	0.3	0.1	0.4	0.2	0.2	0.5	0.3	0.3	0.0
Population Density:																
Large MSA	—	—	—	0.6	0.7	0.3	0.3	0.4	0.8	0.4	0.5	0.5	0.6	0.4	0.7	+0.3
Other MSA	—	—	—	0.4	0.5	0.6	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.4	-0.2
Non-MSA	—	—	—	0.6	0.3	0.7	0.5	0.6	0.3	0.2	0.5	0.4	0.2	0.5	0.4	-0.1
Parental Education: ^a																
1.0-2.0 (Low)	—	—	—	0.7	0.9	1.8	0.8	1.5	1.2	0.7	0.8	0.5	0.2	0.8	1.0	+0.2
2.5-3.0	—	—	—	0.6	0.5	0.4	0.5	0.1	0.4	0.3	0.4	0.7	0.6	0.5	0.5	0.0
3.5-4.0	—	—	—	0.2	0.3	0.3	0.4	0.5	0.2	0.1	0.5	0.3	0.3	0.4	0.5	+0.1
4.5-5.0	—	—	—	0.5	0.7	0.6	0.4	0.3	0.4	0.4	0.2	0.4	0.4	0.3	0.2	-0.1
5.5-6.0 (High)	—	—	—	0.6	0.5	0.5	0.2	0.4	0.2	0.3	0.2	0.3	0.4	0.4	0.6	+0.2
Race (2-year average): ^b																
White	—	—	—	—	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.0
Black	—	—	—	—	0.2	0.5	0.4	0.2	0.5	0.4	0.2	0.4	0.5	0.6	0.7	+0.1
Hispanic	—	—	—	—	1.0	0.7	0.5	0.6	1.0	0.6	0.4	0.6	0.7	0.8	0.9	+0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on three of six forms; N is one-half of N indicated in Table D-108.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-40
Heroin without a Needle: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	—	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	—	—	—	—	0.8	1.0	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.6	0.5	0.5	+0.1
Gender:																	
Male	—	—	—	—	1.0	0.9	0.9	0.9	0.8	0.5	0.6	0.6	0.6	0.4	0.4	0.5	+0.1
Female	—	—	—	—	0.6	0.9	0.7	0.8	0.8	0.8	0.6	0.7	0.6	0.7	0.5	0.6	+0.1
College Plans:																	
None or under 4 years	—	—	—	—	3.2	2.1	2.2	3.4	2.7	2.4	1.9	1.7	2.3	2.5	1.6	2.3	+0.7
Complete 4 years	—	—	—	—	0.5	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.0
Region:																	
Northeast	—	—	—	—	0.9	1.1	0.8	0.7	0.7	0.6	0.7	0.3	0.5	0.6	0.5	0.2	-0.3
North Central	—	—	—	—	1.0	1.0	0.9	0.9	1.0	0.8	0.6	0.7	0.8	0.4	0.3	0.7	+0.3
South	—	—	—	—	0.8	0.8	0.7	0.9	0.9	0.5	0.6	0.7	0.7	0.6	0.6	0.6	+0.1
West	—	—	—	—	0.7	1.1	1.1	0.9	0.9	0.8	0.5	0.7	0.5	0.7	0.4	0.5	+0.1
Population Density:																	
Large MSA	—	—	—	—	0.9	1.0	0.6	0.5	0.8	0.7	0.5	0.6	0.6	0.7	0.4	0.4	0.0
Other MSA	—	—	—	—	0.8	1.0	0.9	1.0	0.8	0.8	0.8	0.5	0.6	0.6	0.5	0.5	+0.1
Non-MSA	—	—	—	—	0.9	0.9	1.0	1.0	1.1	0.5	0.4	0.8	0.7	0.3	0.6	0.7	+0.2
Parental Education: ^a																	
1.0-2.0 (Low)	—	—	—	—	1.9	1.5	1.3	2.4	1.7	1.1	1.3	0.5	1.4	1.5	0.2	1.4	+1.2 ss
2.5-3.0	—	—	—	—	0.7	0.9	1.1	0.7	1.0	1.3	0.6	0.8	0.6	0.6	0.9	0.6	-0.3
3.5-4.0	—	—	—	—	0.5	1.2	0.5	0.8	0.6	0.5	0.6	0.6	0.7	0.6	0.5	0.6	0.0
4.5-5.0	—	—	—	—	0.8	0.8	0.8	0.6	0.8	0.5	0.5	0.6	0.4	0.4	0.3	0.4	+0.1
5.5-6.0 (High)	—	—	—	—	0.7	0.8	1.0	1.1	1.1	0.3	0.4	0.4	0.5	0.3	0.1	0.3	+0.1
Race (2-year average): ^b																	
White	—	—	—	—	—	1.0	1.0	0.8	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.5	0.0
Black	—	—	—	—	—	0.2	0.2	0.4	0.5	0.3	0.3	0.3	0.3	0.5	0.4	0.3	-0.1
Hispanic	—	—	—	—	—	1.5	1.2	1.1	1.4	1.1	0.8	1.0	1.0	1.0	0.9	0.6	-0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1995; N is one-half of N indicated in Table D-106.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-41
Heroin without a Needle: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	—	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	—	—	—	—	0.8	0.9	1.1	1.0	1.1	1.1	0.7	0.8	0.5	0.7	0.7	0.6	-0.1
Gender:																	
Male	—	—	—	—	0.9	1.1	1.2	1.2	1.3	1.1	0.8	0.9	0.6	0.8	0.7	0.6	-0.1
Female	—	—	—	—	0.7	0.7	1.0	0.8	1.0	1.0	0.6	0.6	0.4	0.5	0.6	0.6	0.0
College Plans:																	
None or under 4 years	—	—	—	—	1.7	1.8	2.1	1.8	2.5	2.7	1.7	2.2	1.4	2.2	2.3	2.0	-0.3
Complete 4 years	—	—	—	—	0.6	0.7	1.0	0.9	0.8	0.8	0.5	0.6	0.4	0.5	0.4	0.4	0.0
Region:																	
Northeast	—	—	—	—	0.5	0.7	1.0	1.4	1.6	1.2	0.8	0.7	0.4	0.9	0.9	0.8	-0.1
North Central	—	—	—	—	0.5	0.8	1.2	0.7	1.0	1.2	0.8	0.9	0.5	0.5	0.8	0.6	-0.2
South	—	—	—	—	1.1	1.1	1.2	1.0	1.0	1.3	0.7	0.5	0.7	0.7	0.6	0.6	0.0
West	—	—	—	—	0.9	0.9	1.0	0.8	0.8	0.5	0.5	1.2	0.4	0.5	0.5	0.5	0.0
Population Density:																	
Large MSA	—	—	—	—	0.9	0.9	1.3	0.8	0.9	1.5	0.8	0.6	0.4	0.6	0.7	0.5	-0.2
Other MSA	—	—	—	—	0.7	1.0	1.0	1.1	1.2	1.0	0.7	0.8	0.6	0.8	0.7	0.6	-0.1
Non-MSA	—	—	—	—	0.9	0.7	1.1	1.0	1.2	0.9	0.7	1.0	0.6	0.5	0.6	0.8	+0.2
Parental Education: ^a																	
1.0-2.0 (Low)	—	—	—	—	1.7	0.8	0.9	1.2	1.8	1.1	0.9	1.5	0.9	1.0	1.1	1.2	+0.1
2.5-3.0	—	—	—	—	0.6	0.7	1.0	1.0	1.1	1.1	0.9	0.7	0.7	0.7	0.9	0.6	-0.3
3.5-4.0	—	—	—	—	0.9	1.0	1.3	1.2	0.9	1.3	0.5	0.8	0.4	0.7	0.6	0.5	-0.1
4.5-5.0	—	—	—	—	0.5	0.8	1.1	1.0	1.0	1.0	0.6	0.5	0.5	0.5	0.6	0.5	-0.1
5.5-6.0 (High)	—	—	—	—	0.9	1.1	1.0	0.7	1.1	1.1	0.6	1.1	0.1	0.4	0.5	0.4	-0.1
Race (2-year average): ^b																	
White	—	—	—	—	—	0.9	1.0	1.1	1.1	1.2	1.0	0.8	0.7	0.6	0.7	0.7	0.0
Black	—	—	—	—	—	0.1	0.1	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.0
Hispanic	—	—	—	—	—	0.8	1.1	1.4	1.3	0.9	0.8	0.8	0.8	0.9	1.0	0.9	0.0

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1995; N is one-half of N indicated in Table D-107.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-42
Heroin without a Needle: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months															'05-'06 change
	1975-79	1980-89	1990-94	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Class of:</i>															
<i>Approx. N =</i>	—	—	—	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	—	—	1.0	1.0	1.2	0.8	1.0	1.6	0.8	0.8	0.8	0.7	0.8	0.6	-0.2
Gender:																
Male	—	—	—	1.4	1.3	1.4	1.0	1.3	1.8	1.3	0.9	0.9	0.9	1.1	0.8	-0.3
Female	—	—	—	0.7	0.7	0.9	0.7	0.8	1.5	0.4	0.7	0.7	0.4	0.5	0.3	-0.1
College Plans:																
None or under 4 years	—	—	—	1.4	1.7	1.6	1.3	1.5	2.7	1.3	2.2	0.8	1.5	1.7	1.2	-0.5
Complete 4 years	—	—	—	0.9	0.8	1.0	0.6	1.0	1.3	0.7	0.4	0.7	0.4	0.6	0.4	-0.2
Region:																
Northeast	—	—	—	0.9	1.9	1.9	1.1	1.3	0.9	1.3	1.1	0.6	1.1	1.1	1.0	-0.1
North Central	—	—	—	0.7	0.5	1.0	0.6	0.7	1.6	1.1	0.9	0.7	0.4	0.7	0.2	-0.5 s
South	—	—	—	1.4	0.9	1.1	1.1	1.2	1.8	0.3	0.9	1.2	0.5	0.7	0.7	-0.1
West	—	—	—	0.8	0.7	0.6	0.3	1.0	2.0	0.9	0.4	0.3	1.0	0.7	0.6	-0.1
Population Density:																
Large MSA	—	—	—	1.3	1.1	1.2	0.9	0.9	2.5	1.0	0.6	0.8	0.8	0.7	0.8	+0.1
Other MSA	—	—	—	0.8	1.2	1.1	0.9	1.2	1.2	0.8	1.1	0.7	0.9	0.7	0.4	-0.3
Non-MSA	—	—	—	1.0	0.4	1.2	0.4	0.8	1.4	0.7	0.6	1.0	0.2	1.0	0.5	-0.5
Parental Education: ^a																
1.0-2.0 (Low)	—	—	—	1.0	0.8	1.7	0.5	2.0	2.7	1.5	1.8	1.0	1.1	1.1	1.2	+0.1
2.5-3.0	—	—	—	1.1	0.6	0.8	1.1	1.1	1.8	0.5	0.9	0.9	0.8	1.0	0.5	-0.4
3.5-4.0	—	—	—	0.9	1.1	1.3	0.9	0.8	1.7	0.8	1.0	0.7	0.6	0.9	0.5	-0.4
4.5-5.0	—	—	—	1.2	1.2	1.2	0.8	1.1	1.6	1.1	0.2	0.8	0.7	0.5	0.4	-0.2
5.5-6.0 (High)	—	—	—	0.6	1.0	1.0	0.5	1.0	0.6	0.8	0.8	0.7	0.3	0.5	0.7	+0.2
Race (2-year average): ^b																
White	—	—	—	—	1.1	1.3	1.2	1.1	1.4	1.3	1.0	0.8	0.7	0.6	0.6	0.0
Black	—	—	—	—	0.2	0.3	0.3	0.1	0.4	0.4	0.4	0.6	0.7	0.5	0.4	-0.2
Hispanic	—	—	—	—	0.9	0.6	0.4	0.6	1.8	1.3	0.5	0.7	0.7	0.9	1.0	+0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on three of six forms; N is one-half of N indicated in Table D-108.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-43
Other Narcotics: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Approx. N =	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	5.7	5.7	6.4	6.0	6.2	6.3	5.9	5.3	5.1	5.2	5.9	5.2	5.3	4.6	4.4	4.5
Gender:																
Male	6.6	6.8	7.3	6.9	7.3	7.1	6.5	6.0	6.0	6.2	6.8	5.9	5.6	5.1	4.9	5.0
Female	4.8	4.7	5.4	5.1	5.1	5.4	5.3	4.6	4.2	4.2	5.1	4.6	4.9	4.1	3.8	3.9
College Plans:																
None or under 4 years	—	6.8	8.0	6.8	7.3	7.4	7.2	6.1	6.1	6.1	6.6	6.7	6.1	4.8	5.3	5.7
Complete 4 years	—	4.6	4.7	4.9	5.0	5.1	4.8	4.6	4.3	4.3	5.4	4.3	4.8	4.6	3.9	4.0
Region:																
Northeast	6.1	6.5	6.6	6.8	7.0	5.7	7.2	5.6	5.6	6.7	7.3	5.7	6.0	3.7	4.7	4.1
North Central	6.2	6.2	7.5	6.7	6.1	7.6	6.2	5.5	5.3	4.8	6.3	5.8	5.2	4.4	5.7	4.6
South	4.9	5.0	5.2	4.5	5.2	5.0	4.1	4.5	4.4	4.5	3.8	4.2	4.3	4.7	3.2	4.1
West	5.4	5.0	6.0	6.7	7.1	6.8	7.2	6.2	5.2	5.3	7.1	5.4	6.1	5.7	4.9	5.3
Population Density:																
Large MSA	7.3	6.7	6.7	6.9	7.3	6.9	6.9	5.2	6.0	5.2	6.0	4.8	5.2	4.0	4.1	3.8
Other MSA	5.5	6.1	6.3	5.9	6.3	7.0	6.3	5.7	5.3	5.1	6.4	5.6	5.3	5.2	4.9	4.6
Non-MSA	4.8	4.6	6.2	5.4	5.3	4.8	4.8	4.9	4.1	5.2	5.2	5.0	5.2	4.4	3.8	4.8
Parental Education: ^c																
1.0-2.0 (Low)	5.4	5.0	5.1	5.0	5.2	5.2	4.8	4.8	4.8	4.7	4.5	4.7	4.1	3.9	3.6	3.8
2.5-3.0	5.1	5.9	6.4	6.2	5.9	5.8	5.6	4.9	5.0	5.2	5.5	5.0	4.4	4.3	4.0	4.1
3.5-4.0	4.2	6.3	6.7	6.0	6.3	6.9	6.6	5.2	4.5	5.1	6.5	6.0	5.6	4.3	4.6	4.6
4.5-5.0	6.4	6.3	6.6	6.4	6.7	7.0	6.3	6.4	6.0	5.6	6.4	4.8	5.4	5.4	4.2	4.7
5.5-6.0 (High)	6.5	6.5	7.9	6.1	7.8	6.8	6.8	7.1	5.3	4.9	6.8	5.4	7.8	5.6	6.4	5.7
Race (2-year average): ^d																
White	—	—	6.6	6.7	6.6	6.8	6.7	6.2	5.8	5.7	6.3	6.3	6.0	5.8	5.3	5.2
Black	—	—	2.2	2.0	1.8	1.7	1.9	1.8	1.7	1.6	1.6	1.7	1.6	1.5	1.5	1.4
Hispanic	—	—	3.8	3.5	3.5	3.7	4.3	4.1	4.0	4.2	3.6	3.0	2.4	2.2	2.5	2.4

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-43 (cont'd)
Other Narcotics: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 ^b	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	3.5	3.3	3.6	3.8	4.7	5.4	6.2	6.3	6.7	7.0	6.7†	9.4	9.3	9.5	9.0	9.0	0.0
Gender:																	
Male	3.9	3.3	3.6	4.3	5.6	6.4	7.1	7.4	8.2	8.0	8.0†	11.6	10.7	10.9	10.7	10.3	-0.4
Female	3.1	3.3	3.3	3.4	3.8	4.4	5.4	5.1	5.2	5.9	5.6†	7.4	7.8	8.1	7.4	7.8	+0.4
College Plans:																	
None or under 4 years	3.8	4.3	4.2	4.9	5.6	7.0	8.2	8.4	7.0	7.8	7.5†	12.4	12.3	12.4	12.2	12.4	+0.2
Complete 4 years	3.5	3.0	3.3	3.5	4.4	4.9	5.7	5.5	6.6	6.6	6.4†	8.8	8.4	8.7	8.3	8.1	-0.2
Region:																	
Northeast	3.2	3.7	4.6	3.5	4.3	6.1	7.8	6.5	6.2	6.7	7.2†	10.6	9.3	9.9	8.3	10.1	+1.8
North Central	4.2	3.6	3.2	4.7	5.2	6.0	6.1	6.5	7.5	7.2	7.8†	8.8	9.1	8.7	10.7	9.9	-0.8
South	2.7	2.7	3.2	3.8	4.5	5.1	6.1	6.5	7.5	6.6	5.7†	9.3	8.0	9.1	8.6	7.9	-0.7
West	4.4	3.5	4.0	3.1	4.7	4.1	4.7	5.2	4.7	7.5	6.5†	9.5	11.4	11.1	8.3	8.9	+0.7
Population Density:																	
Large MSA	3.3	3.5	3.1	4.1	4.8	4.6	4.6	5.2	5.4	7.0	8.4†	8.9	7.4	8.1	8.4	8.1	-0.3
Other MSA	3.9	3.1	3.7	3.7	4.7	5.4	7.2	6.8	7.4	7.2	5.6†	10.3	10.3	10.7	9.3	9.0	-0.4
Non-MSA	3.1	3.6	3.7	3.6	4.7	6.0	6.0	6.5	6.8	6.6	6.9†	8.5	9.7	8.9	9.1	10.4	+1.3
Parental Education: ^c																	
1.0-2.0 (Low)	3.8	3.5	3.8	3.0	4.0	4.5	4.7	4.7	4.6	4.6	5.1†	6.2	7.9	6.8	5.2	6.1	+0.8
2.5-3.0	3.2	3.5	2.9	3.8	4.2	5.6	5.3	5.9	5.9	6.4	6.4†	8.9	9.3	8.8	9.5	9.5	0.0
3.5-4.0	3.7	3.2	3.7	3.4	4.4	5.5	6.5	6.8	7.2	7.3	7.1†	10.4	9.8	10.8	10.5	10.3	-0.3
4.5-5.0	3.6	3.4	3.7	4.3	5.5	5.4	6.8	6.2	7.4	7.9	7.0†	10.3	9.5	10.5	9.3	9.1	-0.2
5.5-6.0 (High)	4.1	3.2	4.5	4.8	5.5	5.6	7.6	6.6	7.4	7.5	7.0†	8.7	8.8	8.8	7.6	8.0	+0.3
Race (2-year average): ^d																	
White	4.7	4.1	4.1	4.3	5.0	5.9	7.1	7.6	7.7	8.3	8.5	10.3†	10.2 ^d	11.2	11.2	11.2	-0.1
Black	1.1	0.9	1.0	1.5	1.4	1.2	1.8	2.4	2.0	1.7	1.8	1.9†	2.1 ^d	2.7	2.5	2.4	-0.2
Hispanic	2.3	2.1	2.3	2.2	2.5	3.7	3.1	2.8	3.6	4.6	4.5	4.3†	5.2 ^d	5.5	5.3	5.0	-0.3

^aOnly drug use not under a doctor's orders is included here.

^bIn 2002 the question text was changed in half of the questionnaire forms. In the list of examples of narcotics other than heroin, Talwin, laudanum, and paregoric were replaced with Vicodin, OxyContin, and Percocet. The 2002 data presented here are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed to the new wording. Beginning in 2003, the data are based on all forms.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. The 2003 data comprise half of the 2002 sample data double-weighted and all of the 2003 sample data. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-44
OxyContin: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percentage who used in last twelve months															
	8th Graders								10th Graders							
	1991-99	2000-01	2002	2003	2004	2005	2006	'05-'06 change	1991-99	2000-01	2002	2003	2004	2005	2006	'05-'06 change
<i>Approx. N =</i>	—	—	15,100	16,500	17,000	16,800	16,500		—	—	14,300	15,800	16,400	16,200	16,200	
Total	—	—	1.3	1.7	1.7	1.8	2.6	+0.8	—	—	3.0	3.6	3.5	3.2	3.8	+0.6
Gender:																
Male	—	—	1.9	1.6	1.8	1.9	2.8	+0.9	—	—	3.6	4.3	3.8	3.4	3.7	+0.3
Female	—	—	0.9	1.7	1.6	1.7	2.2	+0.4	—	—	2.4	2.9	3.1	3.0	4.0	+1.0
College Plans:																
None or under 4 years	—	—	4.3	7.5	6.9	6.8	8.8	+2.0	—	—	6.5	10.8	7.2	8.0	11.0	+3.0
Complete 4 years	—	—	1.0	1.1	1.2	1.2	1.9	+0.7 s	—	—	2.5	2.5	3.0	2.6	2.9	+0.3
Region:																
Northeast	—	—	1.0	1.2	1.1	1.7	1.6	-0.1	—	—	3.6	3.7	4.6	3.8	3.1	-0.7
North Central	—	—	1.7	1.7	1.3	2.4	3.2	+0.7	—	—	2.1	2.9	2.5	3.5	4.1	+0.6
South	—	—	1.5	2.1	2.2	2.0	2.4	+0.4	—	—	3.7	4.2	4.8	3.6	4.4	+0.7
West	—	—	0.9	1.3	1.8	1.0	3.1	+2.1 s	—	—	2.6	3.5	1.9	1.6	3.3	+1.7
Population Density:																
Large MSA	—	—	1.2	1.1	0.9	1.1	1.3	+0.2	—	—	2.0	2.3	2.1	2.8	3.4	+0.6
Other MSA	—	—	1.4	1.7	2.6	2.3	3.1	+0.8	—	—	3.3	3.6	3.7	2.7	3.3	+0.6
Non-MSA	—	—	1.5	2.5	1.1	1.8	3.2	+1.3	—	—	3.7	5.7	5.1	4.9	5.8	+0.9
Parental Education: ^a																
1.0-2.0 (Low)	—	—	2.9	4.0	3.5	3.7	3.6	0.0	—	—	6.5	5.9	3.7	3.3	6.9	+3.6
2.5-3.0	—	—	2.0	2.3	2.1	2.9	3.4	+0.5	—	—	3.8	3.9	4.0	4.8	5.3	+0.4
3.5-4.0	—	—	1.0	1.9	2.2	2.5	2.4	-0.1	—	—	2.0	4.1	4.1	3.0	4.3	+1.3
4.5-5.0	—	—	0.9	0.7	1.3	0.7	2.0	+1.3 s	—	—	1.7	2.9	2.6	2.6	2.3	-0.2
5.5-6.0 (High)	—	—	1.3	1.6	0.7	0.8	2.2	+1.3	—	—	4.4	2.8	2.8	2.6	2.4	-0.2
Race (2-year average): ^b																
White	—	—	—	1.6	1.7	1.7	2.3	+0.5	—	—	—	3.6	4.1	4.1	4.1	0.0
Black	—	—	—	0.9	0.6	1.0	1.4	+0.4	—	—	—	2.3	2.0	1.1	1.5	+0.4
Hispanic	—	—	—	1.3	2.8	2.6	2.4	-0.2	—	—	—	2.5	2.9	2.3	1.8	-0.5

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Tables D-106 and D-107 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of four forms; N is one-third of N indicated in Tables D-106 and D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-45
OxyContin: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months									
	Class of:									
	1975-79	1980-89	1990-99	2000-01	2002	2003	2004	2005	2006	'05-'06 change
<i>Approx. N =</i>	—	—	—	—	12,900	14,600	14,600	14,700	14,200	
Total	—	—	—	—	4.0	4.5	5.0	5.5	4.3	-1.3 s
Gender:										
Male	—	—	—	—	5.6	6.2	6.1	7.4	5.3	-2.2 s
Female	—	—	—	—	2.6	2.8	3.4	3.5	2.9	-0.6
College Plans:										
None or under 4 years	—	—	—	—	7.0	8.8	8.2	9.9	7.4	-2.5
Complete 4 years	—	—	—	—	3.2	3.1	3.8	4.3	3.3	-0.9
Region:										
Northeast	—	—	—	—	5.0	5.5	4.6	6.0	5.5	-0.5
North Central	—	—	—	—	5.0	4.5	4.2	6.0	4.3	-1.7
South	—	—	—	—	3.6	4.0	5.9	6.3	4.0	-2.3 s
West	—	—	—	—	2.6	4.4	4.7	3.0	3.6	+0.6
Population Density:										
Large MSA	—	—	—	—	3.7	2.8	4.6	4.8	4.4	-0.4
Other MSA	—	—	—	—	3.8	5.3	5.2	5.1	3.6	-1.6
Non-MSA	—	—	—	—	4.7	5.2	4.9	7.1	5.4	-1.7
Parental Education: ^a										
1.0-2.0 (Low)	—	—	—	—	6.3	6.9	3.7	5.5	4.2	-1.3
2.5-3.0	—	—	—	—	5.3	6.8	4.8	6.3	4.4	-1.9
3.5-4.0	—	—	—	—	3.9	3.4	6.5	6.3	5.1	-1.2
4.5-5.0	—	—	—	—	2.2	3.6	3.1	4.2	3.4	-0.8
5.5-6.0 (High)	—	—	—	—	4.0	2.5	4.3	4.8	3.5	-1.2
Race (2-year average): ^b										
White	—	—	—	—	—	4.7	5.1	5.8	5.4	-0.4
Black	—	—	—	—	—	2.5	2.4	2.0	2.2	+0.2
Hispanic	—	—	—	—	—	2.5	2.2	3.0	3.7	+0.7

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on two of six forms in 2002-05; N is two-sixths of N indicated in Table D-108. Data based on three of six forms in 2006; N is one-half of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-46
Vicodin: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percentage who used in last twelve months															
	8th Graders								10th Graders							
	1991-99	2000-01	2002	2003	2004	2005	2006	'05-'06 change	1991-99	2000-01	2002	2003	2004	2005	2006	'05-'06 change
<i>Approx. N =</i>	—	—	15,100	16,500	17,000	16,800	16,500		—	—	14,300	15,800	16,400	16,200	16,200	
Total	—	—	2.5	2.8	2.5	2.6	3.0	+0.5	—	—	6.9	7.2	6.2	5.9	7.0	+1.1
Gender:																
Male	—	—	2.7	2.8	2.4	2.9	2.6	-0.3	—	—	7.4	8.4	6.2	5.5	7.0	+1.5
Female	—	—	2.4	2.8	2.6	2.2	3.4	+1.2	—	—	6.1	6.1	6.0	6.2	6.9	+0.7
College Plans:																
None or under 4 years	—	—	5.9	6.3	7.1	7.3	9.5	+2.2	—	—	13.4	15.8	11.6	13.2	17.2	+4.0
Complete 4 years	—	—	2.1	2.4	2.0	1.9	2.4	+0.5	—	—	5.7	5.8	5.4	4.8	5.6	+0.8
Region:																
Northeast	—	—	1.5	1.1	1.0	1.5	1.9	+0.4	—	—	6.2	5.6	6.4	5.7	4.9	-0.8
North Central	—	—	3.3	3.9	3.2	3.3	3.9	+0.6	—	—	7.2	9.4	6.4	7.1	8.7	+1.6
South	—	—	2.5	2.1	2.1	2.3	2.2	-0.1	—	—	5.3	5.0	5.0	5.0	4.2	-0.9
West	—	—	2.6	4.2	3.6	3.1	4.4	+1.3	—	—	10.0	9.1	7.1	5.8	11.1	+5.4 ss
Population Density:																
Large MSA	—	—	2.6	2.4	1.8	2.5	2.4	-0.1	—	—	5.7	7.1	4.8	6.5	6.1	-0.4
Other MSA	—	—	3.0	3.1	3.0	2.6	3.3	+0.7	—	—	7.9	6.4	6.9	5.3	7.6	+2.3
Non-MSA	—	—	1.6	2.5	2.4	2.6	3.3	+0.8	—	—	6.2	9.2	6.4	6.3	6.9	+0.6
Parental Education: ^a																
1.0-2.0 (Low)	—	—	3.3	3.3	4.9	3.9	4.8	+1.0	—	—	6.1	6.4	6.4	4.9	7.6	+2.6
2.5-3.0	—	—	3.9	3.4	4.1	3.8	4.0	+0.3	—	—	8.0	8.3	8.2	7.7	8.0	+0.3
3.5-4.0	—	—	3.4	2.9	3.2	2.9	2.7	-0.2	—	—	7.5	8.5	6.2	6.8	8.1	+1.3
4.5-5.0	—	—	1.4	2.1	1.1	1.9	2.6	+0.7	—	—	5.7	6.3	5.1	5.0	5.6	+0.6
5.5-6.0 (High)	—	—	1.3	2.1	0.9	1.6	2.2	+0.5	—	—	6.6	5.6	5.0	4.6	6.3	+1.7
Race (2-year average): ^b																
White	—	—	—	3.0	2.7	2.4	2.9	+0.5	—	—	—	8.0	7.6	7.1	7.4	+0.3
Black	—	—	—	1.4	1.4	1.6	1.7	+0.1	—	—	—	3.1	3.0	1.6	2.2	+0.6
Hispanic	—	—	—	2.1	3.3	3.6	2.8	-0.8	—	—	—	6.5	6.0	4.8	4.4	-0.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Tables D-106 and D-107 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of four forms: N is one-third of N indicated in Tables D-106 and D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-47
Vicodin: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months									
	Class of:									
	1975-79	1980-89	1990-99	2000-01	2002	2003	2004	2005	2006	'05-'06 change
<i>Approx. N =</i>	—	—	—	—	12,900	14,600	14,600	14,700	14,200	
Total	—	—	—	—	9.6	10.5	9.3	9.5	9.7	+0.3
Gender:										
Male	—	—	—	—	12.0	13.0	10.7	11.9	10.9	-1.0
Female	—	—	—	—	7.5	8.1	7.6	7.2	8.7	+1.4
College Plans:										
None or under 4 years	—	—	—	—	13.0	14.7	11.6	14.3	11.8	-2.4
Complete 4 years	—	—	—	—	8.4	9.1	8.3	8.4	9.1	+0.7
Region:										
Northeast	—	—	—	—	8.1	9.4	9.1	8.8	10.8	+2.0
North Central	—	—	—	—	11.6	13.2	8.4	12.4	12.0	-0.5
South	—	—	—	—	8.1	6.1	7.0	7.8	6.9	-0.9
West	—	—	—	—	10.9	16.3	15.4	9.3	11.2	+1.9
Population Density:										
Large MSA	—	—	—	—	9.7	7.3	8.3	8.9	10.4	+1.5
Other MSA	—	—	—	—	10.6	12.2	10.9	9.3	9.4	+0.1
Non-MSA	—	—	—	—	7.8	11.4	7.2	10.6	9.5	-1.1
Parental Education: ^a										
1.0-2.0 (Low)	—	—	—	—	12.1	9.4	7.8	7.8	7.9	+0.2
2.5-3.0	—	—	—	—	9.6	10.8	8.8	10.5	9.3	-1.2
3.5-4.0	—	—	—	—	9.5	12.0	10.1	10.0	11.6	+1.6
4.5-5.0	—	—	—	—	9.9	9.7	8.4	9.0	8.6	-0.4
5.5-6.0 (High)	—	—	—	—	8.6	8.8	10.1	8.9	10.4	+1.5
Race (2-year average): ^b										
White	—	—	—	—	—	11.7	11.2	10.5	11.3	+0.7
Black	—	—	—	—	—	3.3	3.1	3.3	3.7	+0.4
Hispanic	—	—	—	—	—	7.1	7.2	7.7	6.5	-1.2

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on two of six forms in 2002-05; N is two-sixths of N indicated in Table D-108. Data based on three of six forms in 2006; N is one-half of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-48
Amphetamines: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months ^a																'05-'06
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	change
	<i>Approx. N =</i>																
Total	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	-0.3
Gender:																	
Male	6.2	6.5	7.2	7.9	8.7	9.1	8.1	7.2	6.9	6.5	6.7	5.5	5.5	4.9	4.9	4.7	-0.3
Female	5.5	5.2	5.6	6.5	7.0	6.7	6.6	5.6	5.6	5.1	5.7	4.8	4.4	3.7	3.5	3.5	0.0
College Plans:	6.9	7.9	8.8	9.3	10.3	11.3	9.6	8.7	8.2	7.7	7.5	6.2	6.5	6.1	6.2	5.7	-0.6
None or under 4 years	11.6	12.9	14.6	14.5	17.1	15.5	14.1	15.4	14.0	14.2	12.0	12.2	12.4	8.9	11.2	10.7	-0.5
Complete 4 years	5.4	5.7	6.3	7.0	7.6	8.3	7.5	6.3	6.2	5.7	6.1	4.8	4.8	4.5	4.3	4.1	-0.2
Region:																	
Northeast	5.1	4.3	5.9	6.9	7.3	7.6	6.5	5.5	5.6	5.0	5.5	3.4	4.1	2.8	3.5	2.2	-1.3
North Central	7.1	8.0	7.3	7.8	10.6	10.8	9.3	7.2	8.3	7.8	7.1	5.9	5.9	5.1	5.0	5.3	+0.3
South	6.1	6.6	7.3	8.3	8.6	8.7	8.1	8.4	7.5	7.0	8.1	6.7	6.4	5.7	5.8	5.6	-0.1
West	6.0	6.6	8.6	8.4	7.9	9.1	8.3	6.7	5.4	5.4	4.6	4.7	4.6	4.9	4.6	4.3	-0.3
Population Density:																	
Large MSA	5.8	4.8	5.6	6.6	7.2	7.9	6.4	5.4	5.2	5.2	5.0	4.2	3.9	4.0	3.6	3.9	+0.3
Other MSA	6.2	7.5	8.2	8.8	8.9	10.0	8.1	7.4	6.8	6.4	7.6	5.9	5.5	5.4	5.8	4.8	-0.9
Non-MSA	6.7	7.0	7.5	7.5	10.1	8.9	9.9	8.8	9.3	8.5	6.9	6.3	7.5	5.0	5.2	5.4	+0.2
Parental Education: ^b																	
1.0-2.0 (Low)	8.3	8.4	10.2	11.2	11.8	10.1	9.6	11.2	8.9	9.7	7.4	6.3	8.4	9.7	8.3	6.5	-1.8
2.5-3.0	6.6	7.3	8.2	9.0	10.6	9.9	9.2	8.1	7.8	8.1	8.2	7.3	7.4	5.2	6.6	6.0	-0.6
3.5-4.0	6.7	7.4	7.8	8.5	10.1	10.3	8.9	7.7	8.2	6.8	7.8	5.7	5.9	5.6	5.6	5.0	-0.5
4.5-5.0	5.3	5.5	6.4	6.6	6.8	8.6	7.5	6.2	5.6	5.2	5.9	4.9	4.3	4.2	3.7	4.2	+0.5
5.5-6.0 (High)	5.7	5.4	5.3	5.7	6.4	8.7	7.3	6.4	5.8	5.2	4.5	4.3	3.9	3.5	3.1	3.6	+0.5
Race (2-year average): ^c																	
White	—	6.8	7.4	8.1	9.3	10.2	9.9	9.0	8.4	8.0	7.8	7.2	6.4	5.9	5.4	5.3	-0.1
Black	—	3.3	3.4	3.9	3.9	3.4	3.0	2.8	2.7	2.4	2.3	2.7	2.5	2.1	2.2	2.0	-0.2
Hispanic	—	7.2	7.7	8.6	8.7	8.6	8.1	7.2	7.0	6.8	6.6	5.9	5.0	5.4	5.3	4.5	-0.8

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aOnly drug use not under a doctor's orders is included here.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-49
Amphetamines: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months ^a																'05-'06
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	change
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	8.2	8.2	9.6	10.2	11.9	12.4	12.1	10.7	10.4	11.1	11.7	10.7	9.0	8.5	7.8	7.9	+0.1
Gender:																	
Male	7.0	7.0	8.2	8.6	9.6	10.5	10.3	9.0	9.2	10.3	10.6	9.6	7.8	7.3	6.6	6.7	+0.1
Female	9.3	9.3	10.9	11.7	14.1	14.2	13.9	12.3	11.5	11.8	12.7	11.8	10.1	9.6	9.0	8.9	0.0
College Plans:																	
None or under 4 years	13.4	14.4	15.5	16.6	19.9	20.3	19.3	17.9	16.3	18.2	20.4	17.5	15.7	14.8	13.7	14.8	+1.1
Complete 4 years	7.1	6.9	8.4	8.9	10.6	11.1	10.9	9.5	9.5	10.0	10.3	9.7	7.9	7.6	7.0	7.0	0.0
Region:																	
Northeast	6.1	5.4	7.8	8.7	9.8	11.5	10.7	11.0	12.1	9.8	10.5	9.3	7.4	8.5	7.4	6.7	-0.7
North Central	10.3	9.4	9.5	10.5	13.3	14.0	11.0	9.8	10.3	11.1	10.7	10.4	9.7	8.2	8.5	8.7	+0.2
South	8.1	8.7	10.9	11.2	12.8	12.6	14.2	12.6	10.8	12.0	14.0	12.2	10.2	9.6	8.6	8.5	-0.2
West	7.7	8.4	9.5	9.4	10.6	10.6	11.1	8.5	8.2	10.9	9.9	9.6	8.1	7.3	5.8	7.1	+1.4
Population Density:																	
Large MSA	7.5	6.7	7.6	8.0	9.2	10.5	9.9	8.9	9.3	10.7	9.8	9.8	6.2	6.2	6.5	6.8	+0.4
Other MSA	7.9	8.0	9.5	10.8	12.8	12.8	11.5	10.3	10.6	9.9	11.1	11.0	9.5	9.6	8.0	8.3	+0.2
Non-MSA	9.3	10.0	11.6	11.2	13.3	13.7	15.5	13.8	11.5	13.6	15.1	11.2	12.2	9.2	9.0	8.7	-0.3
Parental Education: ^b																	
1.0-2.0 (Low)	10.0	11.9	12.3	10.8	14.3	15.1	12.2	12.6	10.7	13.3	12.3	13.1	10.9	9.2	8.9	9.3	+0.3
2.5-3.0	9.7	8.9	10.5	11.6	14.2	13.0	14.1	12.8	11.3	12.9	13.6	12.8	11.2	9.9	8.9	9.0	+0.1
3.5-4.0	7.9	8.4	10.5	11.1	12.4	14.1	13.5	11.1	11.2	12.2	12.6	11.1	9.9	10.1	8.1	9.1	+1.0
4.5-5.0	7.4	6.6	7.5	8.9	10.7	10.7	10.6	9.0	9.8	9.7	10.5	9.5	7.6	7.2	7.4	6.6	-0.9
5.5-6.0 (High)	6.9	6.9	8.3	7.3	8.8	10.1	9.2	9.4	9.8	8.8	9.2	8.1	6.4	6.3	6.6	6.8	+0.2
Race (2-year average): ^c																	
White	—	9.4	10.1	11.0	12.4	13.9	14.2	13.6	12.6	12.7	13.4	13.4	12.2	10.6	9.5	9.2	-0.3
Black	—	2.8	3.0	4.0	4.0	3.4	3.1	2.9	2.8	2.5	2.9	3.5	2.8	2.7	3.0	2.8	-0.3
Hispanic	—	6.2	7.0	7.7	8.9	10.3	9.8	8.9	8.8	9.1	8.3	7.9	7.7	7.3	7.3	6.3	-1.0

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aOnly drug use not under a doctor's orders is included here.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-50
Amphetamines: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	16.2	15.8	16.3	17.1	18.3	20.8	26.0	20.3	17.9	17.7	15.8	13.4	12.2	10.9	10.8	9.1
Gender:																
Male	15.6	15.8	16.0	16.9	18.4	19.7	24.8	19.6	17.2	16.8	14.9	12.7	11.8	10.8	11.1	9.4
Female	16.5	15.4	16.4	17.1	17.8	21.8	26.9	20.3	17.9	18.2	16.4	13.8	12.4	10.9	10.5	8.6
College Plans:																
None or under 4 years	—	19.3	20.5	20.0	21.8	25.8	30.9	23.7	20.9	22.2	19.7	17.7	16.0	13.9	15.1	12.6
Complete 4 years	—	11.9	11.5	13.7	14.5	16.5	22.3	16.8	14.5	14.2	13.3	10.9	10.2	9.5	9.1	7.4
Region:																
Northeast	16.5	14.7	16.8	19.6	22.0	22.0	28.8	21.5	17.9	19.0	16.8	12.6	10.4	8.4	9.0	6.3
North Central	18.7	17.8	19.0	18.2	18.3	22.2	30.1	24.1	20.4	20.3	17.3	15.2	13.5	12.2	13.3	10.7
South	12.6	13.7	13.2	14.0	14.0	17.7	19.6	16.4	15.4	15.1	12.8	11.5	11.5	10.8	9.9	8.9
West	18.5	17.2	16.0	17.8	20.7	22.1	26.6	18.7	18.2	16.9	17.3	15.0	13.4	11.8	11.1	10.2
Population Density:																
Large MSA	19.6	15.4	15.3	17.7	19.5	21.9	28.0	21.6	18.1	17.7	15.0	11.2	10.9	8.8	7.1	6.5
Other MSA	15.5	16.3	17.1	17.5	18.9	20.8	25.5	20.7	19.6	17.1	15.7	14.2	11.9	11.9	11.4	9.6
Non-MSA	14.8	15.4	15.9	16.0	16.6	19.9	25.1	18.8	15.6	18.5	16.6	14.1	14.0	11.3	13.3	10.6
Parental Education: ^b																
1.0-2.0 (Low)	15.7	13.4	14.5	14.9	16.0	19.1	22.3	18.7	15.7	17.1	14.5	11.9	11.9	9.8	10.4	7.6
2.5-3.0	16.7	16.9	17.4	17.3	18.4	22.2	26.7	21.9	19.6	19.2	17.0	15.2	13.3	11.1	11.7	9.7
3.5-4.0	14.9	16.6	16.1	18.2	19.6	21.5	26.9	21.7	19.4	18.5	17.2	14.3	12.6	11.8	12.3	10.6
4.5-5.0	14.5	16.8	15.9	16.9	17.1	20.0	26.2	19.1	18.9	15.9	15.1	12.0	11.7	10.3	9.4	8.1
5.5-6.0 (High)	12.0	14.6	16.0	17.2	20.4	17.9	26.8	20.5	16.1	14.0	10.9	10.1	10.4	10.0	9.1	7.3
Race (2-year average): ^c																
White	—	—	17.3	18.2	19.2	21.3	26.4	23.6	22.3	20.5	18.9	16.4	14.3	13.0	12.4	11.4
Black	—	—	5.3	4.7	4.2	5.3	5.8	6.0	5.7	4.7	4.3	4.0	3.8	3.9	3.6	3.1
Hispanic	—	—	12.3	12.2	12.8	14.5	17.5	12.3	11.5	13.2	14.6	10.8	8.7	9.6	9.0	7.0

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-50 (cont'd)
Amphetamines: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a																'05-'06 change	
	Class of:																	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006		
	<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total		8.2	7.1	8.4	9.4	9.3	9.5	10.2	10.1	10.2	10.5	10.9	11.1	9.9	10.0	8.6	8.1	-0.5
Gender:																		
Male		8.3	7.2	8.2	9.2	9.5	9.6	10.1	10.3	10.6	10.4	10.9	11.3	9.8	9.9	9.1	7.4	-1.6 s
Female		7.9	6.9	8.5	9.4	8.9	8.8	10.2	9.8	9.6	10.5	10.6	10.7	9.5	9.9	7.9	8.5	+0.7
College Plans:																		
None or under 4 years		11.0	9.7	11.0	13.4	12.3	12.8	14.1	13.6	12.7	13.9	14.4	14.8	14.4	13.3	11.5	10.6	-0.8
Complete 4 years		7.0	6.1	7.6	8.0	8.3	8.4	8.9	9.0	9.5	9.6	9.8	10.1	8.4	8.9	7.8	7.5	-0.3
Region:																		
Northeast		6.5	6.2	8.1	7.4	9.6	10.4	11.1	9.0	9.9	10.6	12.0	11.5	9.7	9.5	7.4	8.5	+1.1
North Central		10.1	8.4	8.9	12.0	9.5	10.0	10.8	11.0	10.5	10.4	12.7	11.3	10.3	10.2	10.3	7.6	-2.7 s
South		7.9	6.7	8.3	9.0	9.2	9.1	9.8	10.4	10.8	10.2	9.5	11.7	9.7	10.3	9.4	8.8	-0.7
West		7.8	6.9	8.3	8.4	8.9	8.3	9.1	9.6	8.8	10.9	9.7	9.6	9.7	9.5	6.1	7.0	+0.8
Population Density:																		
Large MSA		6.2	6.0	6.5	7.8	9.1	7.9	8.9	9.0	7.0	8.3	10.6	10.7	7.5	8.0	7.8	8.7	+0.9
Other MSA		8.4	6.7	8.5	9.4	8.5	8.9	9.5	9.9	10.8	10.9	10.8	11.0	10.5	10.6	8.9	7.6	-1.3
Non-MSA		9.5	9.0	9.8	10.9	10.8	11.9	13.0	12.2	12.4	12.4	11.4	12.1	11.7	11.1	8.9	8.2	-0.8
Parental Education: ^b																		
1.0-2.0 (Low)		9.5	7.0	9.0	10.4	9.9	8.1	9.8	9.7	9.9	11.0	8.9	8.1	10.6	7.5	6.1	8.2	+2.1
2.5-3.0		9.1	7.7	8.6	10.3	9.9	10.5	10.3	10.6	11.3	11.0	12.2	11.4	9.9	11.0	9.2	8.2	-1.0
3.5-4.0		8.9	7.7	9.1	9.4	9.1	9.3	10.8	11.4	10.8	10.6	11.6	12.3	10.7	12.3	9.5	8.9	-0.6
4.5-5.0		6.5	6.3	8.0	9.5	9.2	8.9	9.4	9.4	9.7	10.3	10.7	11.1	9.4	8.2	8.5	7.8	-0.7
5.5-6.0 (High)		5.7	5.8	7.6	7.1	8.1	9.1	10.2	8.7	8.4	10.2	8.7	10.2	7.7	8.4	7.4	7.0	-0.4
Race (2-year average): ^c																		
White		9.8	8.8	9.0	10.4	10.7	10.5	11.4	12.1	11.9	11.9	12.6	13.2	12.4	11.6	11.0	9.9	-1.1
Black		2.7	2.2	2.3	3.4	3.4	2.9	2.8	2.8	2.5	2.6	3.0	2.9	2.8	2.4	2.4	2.6	+0.2
Hispanic		6.1	6.0	6.2	6.4	7.1	7.8	7.3	7.0	7.6	9.2	9.2	7.9	6.8	7.0	6.7	6.4	-0.2

^aBeginning in 1982 the question about amphetamine use was revised to get respondents to exclude the inappropriate reporting of nonprescription amphetamines. The prevalence-of-use rate dropped slightly as a result of this methodological change. (In 1982 and 1983, these data were based on three of the five questionnaire forms.) Only drug use not under a doctor's orders is included here.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-51
Ritalin: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percentage who used in last twelve months																		
	8th Graders									10th Graders									
	1991-99	2000	2001	2002	2003	2004	2005	2006	'05-'06 change	1991-99	2000	2001	2002	2003	2004	2005	2006	'05-'06 change	
<i>Approx. N =</i>	—	—	16,200	15,100	16,500	17,000	16,800	16,500		—	—	14,000	14,300	15,800	16,400	16,200	16,200		
Total	—	—	2.9	2.8	2.6	2.5	2.4	2.6	+0.2	—	—	4.8	4.8	4.1	3.4	3.4	3.6	+0.2	
Gender:																			
Male	—	—	3.2	3.2	2.9	2.6	2.4	2.7	+0.3	—	—	5.2	4.9	4.2	3.6	3.2	3.7	+0.4	
Female	—	—	2.6	2.5	2.3	2.4	2.4	2.5	+0.1	—	—	4.3	4.6	3.8	3.0	3.5	3.7	+0.1	
College Plans:																			
None or under 4 years	—	—	8.1	7.7	6.8	8.8	7.5	9.0	+1.5	—	—	7.2	10.2	11.0	5.5	6.7	9.1	+2.4	
Complete 4 years	—	—	2.4	2.2	2.1	1.8	1.8	1.9	+0.2	—	—	4.3	3.8	2.9	3.0	2.9	2.8	-0.1	
Region:																			
Northeast	—	—	1.5	2.8	1.7	1.6	2.0	2.0	0.0	—	—	5.5	3.6	3.8	4.5	4.1	3.0	-1.1	
North Central	—	—	3.0	3.0	2.9	2.4	1.9	3.2	+1.3	—	—	4.6	4.8	4.2	2.7	4.8	4.0	-0.8	
South	—	—	3.5	2.8	2.9	3.0	3.0	2.5	-0.5	—	—	5.3	5.2	4.2	3.8	3.0	3.4	+0.4	
West	—	—	2.9	2.5	2.2	2.5	2.1	2.7	+0.6	—	—	3.1	5.1	3.9	2.4	1.4	4.2	+2.8 ss	
Population Density:																			
Large MSA	—	—	2.2	2.3	2.3	1.7	1.5	2.3	+0.8	—	—	4.3	3.6	4.0	2.6	4.0	2.8	-1.2	
Other MSA	—	—	2.9	3.1	2.8	3.0	3.4	3.0	-0.4	—	—	4.6	5.8	3.7	3.6	3.3	4.1	+0.8	
Non-MSA	—	—	3.5	2.8	2.4	2.4	1.7	2.3	+0.5	—	—	5.8	4.3	5.1	3.7	2.8	3.7	+0.9	
Parental Education: ^a																			
1.0-2.0 (Low)	—	—	4.8	5.3	2.5	4.2	5.2	6.5	+1.3	—	—	5.0	7.7	4.2	4.8	3.3	3.9	+0.6	
2.5-3.0	—	—	3.3	4.0	2.8	2.9	2.7	3.1	+0.4	—	—	5.4	5.9	5.0	3.4	4.4	3.8	-0.6	
3.5-4.0	—	—	3.5	3.3	3.3	2.7	2.7	2.6	0.0	—	—	5.0	4.2	4.1	3.0	2.6	3.6	+1.0	
4.5-5.0	—	—	2.4	1.5	1.8	2.1	1.5	2.0	+0.5	—	—	4.2	3.6	3.7	2.9	4.0	3.4	-0.5	
5.5-6.0 (High)	—	—	2.1	1.7	2.1	1.9	1.6	1.2	-0.5	—	—	4.6	4.7	3.3	3.7	2.8	4.0	+1.2	
Race (2-year average): ^b																			
White	—	—	—	3.0	2.8	2.7	2.5	2.6	+0.1	—	—	—	5.5	4.8	4.1	3.9	3.9	0.0	
Black	—	—	—	1.0	1.3	1.5	1.6	1.8	+0.1	—	—	—	1.8	2.5	1.9	1.0	1.5	+0.5	
Hispanic	—	—	—	3.8	2.7	2.5	3.3	3.1	-0.3	—	—	—	3.1	4.4	3.6	2.2	2.1	-0.1	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Tables D-106 and D-107 for the number of subgroup cases.

See Appendix B for definition of variables in table. Data based on one of four forms; N is one-third of N indicated in Tables D-106 and D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-52
Ritalin: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months											'05-'06 change
	Class of:											
	1975-79	1980-89	1990-99	2000	2001	2002	2003	2004	2005	2006		
<i>Approx. N =</i>	—	—	—	—	12,800	12,900	14,600	14,600	14,700	14,200		
Total	—	—	—	—	5.1	4.0	4.0	5.1	4.4	4.4	0.0	
Gender:												
Male	—	—	—	—	6.0	5.1	5.5	6.0	5.4	4.5	-0.9	
Female	—	—	—	—	4.1	2.8	2.6	4.0	3.3	3.8	+0.5	
College Plans:												
None or under 4 years	—	—	—	—	6.4	7.7	4.4	6.8	5.3	5.3	+0.1	
Complete 4 years	—	—	—	—	4.7	3.0	3.7	4.4	4.1	4.0	-0.1	
Region:												
Northeast	—	—	—	—	4.7	4.5	4.6	4.1	4.7	6.1	+1.4	
North Central	—	—	—	—	7.4	5.4	3.8	6.0	5.3	3.8	-1.5	
South	—	—	—	—	4.1	3.4	3.5	4.7	4.6	4.3	-0.3	
West	—	—	—	—	3.8	2.6	4.4	5.5	2.7	3.8	+1.0	
Population Density:												
Large MSA	—	—	—	—	7.2	3.9	3.2	4.2	4.1	5.4	+1.3	
Other MSA	—	—	—	—	3.7	4.0	5.1	5.6	5.1	3.9	-1.2	
Non-MSA	—	—	—	—	5.4	4.0	2.9	4.9	3.4	3.8	+0.4	
Parental Education: ^a												
1.0-2.0 (Low)	—	—	—	—	5.6	5.3	3.1	5.2	5.5	5.2	-0.2	
2.5-3.0	—	—	—	—	4.5	4.2	3.7	4.2	4.2	3.6	-0.6	
3.5-4.0	—	—	—	—	5.0	3.9	4.8	6.3	4.1	4.6	+0.5	
4.5-5.0	—	—	—	—	4.7	3.5	3.5	4.6	3.9	4.7	+0.8	
5.5-6.0 (High)	—	—	—	—	6.6	3.9	4.0	4.5	6.0	4.6	-1.4	
Race (2-year average): ^b												
White	—	—	—	—	—	5.4	4.6	5.2	5.3	4.9	-0.4	
Black	—	—	—	—	—	0.8	1.2	1.2	2.0	2.3	+0.3	
Hispanic	—	—	—	—	—	3.1	3.3	3.6	3.6	3.9	+0.3	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on two of six forms; N is two-sixths of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-53
Methamphetamine: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

		Percentage who used in last twelve months																
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	'05-'06 change
	<i>Approx. N =</i>	—	—	—	—	—	—	—	—	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total		—	—	—	—	—	—	—	—	3.2	2.5	2.8	2.2	2.5	1.5	1.8	1.8	0.0
Gender:																		
Male		—	—	—	—	—	—	—	—	3.1	2.2	2.5	2.0	2.0	1.1	1.7	1.4	-0.3
Female		—	—	—	—	—	—	—	—	3.2	2.8	3.0	2.4	3.0	1.7	1.9	2.3	+0.4
College Plans:																		
None or under 4 years		—	—	—	—	—	—	—	—	7.4	6.8	6.6	6.6	7.9	6.6	6.8	6.3	-0.6
Complete 4 years		—	—	—	—	—	—	—	—	2.7	2.0	2.3	1.7	2.0	1.0	1.2	1.3	+0.2
Region:																		
Northeast		—	—	—	—	—	—	—	—	1.6	2.0	1.2	0.8	1.7	1.0	0.6	0.7	+0.1
North Central		—	—	—	—	—	—	—	—	4.4	3.0	3.2	2.5	3.5	2.1	2.0	1.7	-0.3
South		—	—	—	—	—	—	—	—	3.4	2.4	3.4	2.8	2.4	1.4	2.0	1.6	-0.4
West		—	—	—	—	—	—	—	—	2.8	2.5	2.4	2.0	2.4	1.6	2.1	3.1	+1.0
Population Density:																		
Large MSA		—	—	—	—	—	—	—	—	2.2	2.1	1.6	1.3	2.0	1.5	1.3	1.5	+0.2
Other MSA		—	—	—	—	—	—	—	—	3.6	2.6	3.4	2.5	2.4	1.7	2.0	2.1	+0.1
Non-MSA		—	—	—	—	—	—	—	—	3.5	3.0	2.8	2.7	3.4	1.2	2.1	1.8	-0.3
Parental Education: ^a																		
1.0-2.0 (Low)		—	—	—	—	—	—	—	—	6.3	5.0	4.4	4.3	4.2	4.4	4.1	3.9	-0.2
2.5-3.0		—	—	—	—	—	—	—	—	4.3	3.1	4.0	3.0	3.4	1.3	1.5	1.8	+0.3
3.5-4.0		—	—	—	—	—	—	—	—	3.3	2.4	3.0	2.0	2.5	1.8	2.9	2.2	-0.7
4.5-5.0		—	—	—	—	—	—	—	—	1.9	1.3	1.6	1.9	1.6	1.0	0.9	1.2	+0.2
5.5-6.0 (High)		—	—	—	—	—	—	—	—	3.2	2.2	1.2	1.1	2.3	0.9	0.7	1.7	+1.1
Race (2-year average): ^b																		
White		—	—	—	—	—	—	—	—	—	3.2	3.1	2.8	2.7	2.2	1.6	1.6	0.0
Black		—	—	—	—	—	—	—	—	—	1.1	0.8	0.6	0.8	0.6	0.5	0.8	+0.3
Hispanic		—	—	—	—	—	—	—	—	—	4.0	3.3	3.2	3.2	3.0	2.8	2.8	0.0

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of four forms; N is one-third of N indicated in Table D-106.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-54
Methamphetamine: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

		Percentage who used in last twelve months																
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	'05-'06 change
	<i>Approx. N =</i>	—	—	—	—	—	—	—	—	14,000	13,600	14,000	14,300	15,800	16,400	16,200	16,200	
Total		—	—	—	—	—	—	—	—	4.6	4.0	3.7	3.9	3.3	3.0	2.9	1.8	-1.0 ss
Gender:																		
Male		—	—	—	—	—	—	—	—	4.5	4.5	3.8	3.9	3.0	2.7	2.6	1.7	-1.0 s
Female		—	—	—	—	—	—	—	—	4.7	3.6	3.5	3.6	3.7	3.3	3.0	2.0	-1.1 s
College Plans:																		
None or under 4 years		—	—	—	—	—	—	—	—	9.1	8.8	7.0	9.1	9.4	6.0	7.3	5.8	-1.5
Complete 4 years		—	—	—	—	—	—	—	—	3.9	3.3	3.1	3.0	2.3	2.6	2.2	1.3	-0.9 ss
Region:																		
Northeast		—	—	—	—	—	—	—	—	5.1	4.1	2.3	1.5	2.1	2.5	3.0	1.5	-1.5 s
North Central		—	—	—	—	—	—	—	—	4.6	4.0	3.8	3.0	3.4	2.2	3.4	1.7	-1.7 ss
South		—	—	—	—	—	—	—	—	4.0	3.8	4.0	4.6	3.8	2.9	2.2	2.3	+0.1
West		—	—	—	—	—	—	—	—	5.1	4.4	4.6	5.8	3.8	4.7	3.0	1.7	-1.3
Population Density:																		
Large MSA		—	—	—	—	—	—	—	—	3.8	4.4	4.0	3.1	2.3	2.7	2.9	2.2	-0.7
Other MSA		—	—	—	—	—	—	—	—	4.8	3.4	3.6	4.4	3.8	3.4	3.0	1.5	-1.5 ss
Non-MSA		—	—	—	—	—	—	—	—	5.2	4.8	3.6	3.7	3.7	2.5	2.5	2.1	-0.4
Parental Education: ^a																		
1.0-2.0 (Low)		—	—	—	—	—	—	—	—	7.2	7.0	5.6	6.2	7.3	4.5	4.2	3.8	-0.4
2.5-3.0		—	—	—	—	—	—	—	—	4.2	4.3	4.6	4.9	4.1	3.7	3.8	2.7	-1.1
3.5-4.0		—	—	—	—	—	—	—	—	4.8	4.3	3.2	3.7	3.2	3.3	2.0	1.4	-0.6
4.5-5.0		—	—	—	—	—	—	—	—	4.8	3.5	3.6	2.4	2.2	2.3	3.2	1.4	-1.9 ss
5.5-6.0 (High)		—	—	—	—	—	—	—	—	3.3	3.5	2.5	4.0	2.1	1.7	1.3	1.3	-0.1
Race (2-year average): ^b																		
White		—	—	—	—	—	—	—	—	—	4.7	4.1	4.1	4.2	3.4	2.9	2.4	-0.6
Black		—	—	—	—	—	—	—	—	—	0.4	1.0	1.1	0.6	0.8	1.1	1.0	0.0
Hispanic		—	—	—	—	—	—	—	—	—	3.9	3.0	4.4	4.6	4.6	5.0	3.3	-1.7

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Tables D-107 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of four forms; N is one-third of N indicated in Tables D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-55
Methamphetamine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months											
	Class of:											'05-'06 change
	1975-79	1980-89	1990-98	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	—	—	4.7	4.3	3.9	3.6	3.2	3.4	2.5	2.5	0.0
Gender:												
Male	—	—	—	5.0	4.4	4.3	4.3	3.6	3.7	2.7	2.0	-0.7
Female	—	—	—	4.5	4.2	3.4	3.0	2.9	3.1	2.3	3.0	+0.8
College Plans:												
None or under 4 years	—	—	—	6.8	6.2	6.9	6.5	5.8	6.7	4.9	3.7	-1.2
Complete 4 years	—	—	—	4.0	3.8	3.2	2.7	2.4	2.4	2.0	2.1	+0.1
Region:												
Northeast	—	—	—	3.1	4.5	3.4	1.6	1.8	1.3	0.6	1.4	+0.8
North Central	—	—	—	5.1	4.1	4.7	4.5	4.2	3.3	4.4	1.2	-3.2 sss
South	—	—	—	3.9	3.7	3.4	3.0	2.8	4.0	2.2	3.1	+0.9
West	—	—	—	7.1	5.4	4.4	5.4	4.0	4.9	2.7	3.8	+1.1
Population Density:												
Large MSA	—	—	—	4.2	3.6	2.7	2.1	1.8	2.8	1.5	3.4	+1.9 ss
Other MSA	—	—	—	4.0	4.9	4.0	4.4	3.0	2.6	2.4	2.0	-0.3
Non-MSA	—	—	—	6.4	4.3	5.3	4.1	5.3	5.5	4.1	2.0	-2.1 s
Parental Education: ^a												
1.0-2.0 (Low)	—	—	—	6.0	7.7	5.0	3.5	4.3	5.5	4.0	2.7	-1.3
2.5-3.0	—	—	—	4.8	3.5	4.8	4.9	3.6	4.1	3.0	2.4	-0.6
3.5-4.0	—	—	—	5.2	3.9	3.8	3.8	3.6	3.1	3.0	2.9	0.0
4.5-5.0	—	—	—	3.7	4.2	3.1	2.9	2.9	2.8	2.1	2.2	+0.1
5.5-6.0 (High)	—	—	—	4.2	5.5	3.2	3.1	1.0	3.0	1.2	1.2	0.0
Race (2-year average): ^b												
White	—	—	—	—	4.9	4.6	4.2	3.5	3.5	3.3	2.6	-0.7
Black	—	—	—	—	1.1	1.0	0.5	1.4	1.8	0.7	0.4	-0.3
Hispanic	—	—	—	—	4.9	4.6	3.9	3.4	3.4	3.4	3.7	+0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on two of six forms; N is two-sixths of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-56
Ice (Crystal Methamphetamine): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																		'05-'06 change	
	1975-89	1990	1991	1992	1993	1994	1995	1996	Class of:											2006
Approx. N =	—	15,200	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200		
Total	—	1.3	1.4	1.3	1.7	1.8	2.4	2.8	2.3	3.0	1.9	2.2	2.5	3.1	2.0	2.1	2.3	1.9	-0.5	
Gender:																				
Male	—	1.5	1.9	1.5	1.9	2.2	2.6	3.9	2.6	3.9	2.2	2.5	2.7	3.5	2.5	2.6	2.5	1.5	-1.0 s	
Female	—	1.0	0.9	1.0	1.2	1.3	2.1	1.7	2.1	2.1	1.6	1.9	2.1	2.5	1.5	1.6	2.0	2.2	+0.1	
College Plans:																				
None or under 4 years	—	1.4	1.9	2.2	2.6	2.4	4.3	5.1	3.8	5.0	2.3	3.8	4.2	4.8	2.6	4.4	4.2	3.5	-0.8	
Complete 4 years	—	1.2	1.2	1.0	1.4	1.5	1.8	2.1	1.9	2.4	1.8	1.7	2.0	2.6	1.9	1.5	1.8	1.3	-0.5	
Region:																				
Northeast	—	1.6	1.1	0.9	1.1	0.9	1.4	3.2	2.8	2.6	1.0	1.0	1.9	2.6	1.3	0.9	1.2	1.0	-0.2	
North Central	—	1.1	1.4	1.1	1.5	2.3	2.2	2.1	1.9	2.7	1.7	2.8	2.1	2.0	1.0	1.8	2.2	1.0	-1.2 s	
South	—	0.5	1.0	1.0	1.2	1.2	1.8	2.0	1.6	3.1	2.3	2.0	1.7	3.5	2.3	2.3	2.7	2.9	+0.2	
West	—	2.5	2.2	2.6	3.2	2.8	4.7	4.9	3.7	3.4	2.5	2.9	4.7	4.0	3.4	3.5	3.1	1.9	-1.2	
Population Density:																				
Large MSA	—	1.2	1.3	1.5	2.2	2.0	3.0	4.6	2.9	2.5	1.6	2.3	2.7	2.2	1.9	2.3	2.1	2.2	+0.1	
Other MSA	—	1.3	1.7	1.3	1.7	1.8	2.0	2.0	2.0	3.3	2.1	1.7	2.3	3.6	2.0	1.4	2.3	1.5	-0.9	
Non-MSA	—	1.2	0.8	1.2	1.2	1.6	2.3	2.6	2.1	2.8	2.0	3.0	2.5	3.2	2.1	3.2	2.7	2.1	-0.6	
Parental Education: ^a																				
1.0-2.0 (Low)	—	1.1	1.0	0.9	1.6	1.0	3.2	3.4	2.2	2.8	3.6	3.2	5.9	3.7	3.7	4.0	2.6	4.2	+1.6	
2.5-3.0	—	1.4	1.1	1.1	1.2	3.0	2.6	3.0	2.5	3.2	1.3	1.7	2.4	3.6	1.7	2.7	2.6	2.6	0.0	
3.5-4.0	—	1.4	1.2	1.5	2.3	1.6	1.9	2.6	2.2	3.6	2.5	1.9	2.8	2.4	2.2	2.4	3.1	1.4	-1.7 ss	
4.5-5.0	—	1.2	1.8	1.4	1.8	1.3	2.5	2.9	2.9	2.6	1.3	2.8	1.5	2.8	1.5	1.0	1.4	1.0	-0.4	
5.5-6.0 (High)	—	1.1	1.0	1.4	1.3	1.0	2.2	2.5	1.4	1.9	2.1	1.3	2.0	2.8	1.8	0.9	1.1	1.4	+0.3	
Race (2-year average): ^b																				
White	—	—	1.3	1.3	1.5	1.7	2.0	2.5	2.6	2.9	2.8	2.3	2.4	2.6	2.3	2.0	2.0	1.9	-0.1	
Black	—	—	0.8	1.0	0.8	0.5	0.5	0.3	0.5	1.0	0.7	0.7	1.1	1.6	1.4	0.7	1.0	1.0	-0.1	
Hispanic	—	—	1.3	1.8	2.3	2.1	2.7	4.0	2.8	1.7	1.7	2.4	3.4	3.6	2.5	2.6	3.4	3.3	-0.1	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on two of six forms; N is two-sixths of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-57
Sedatives (Barbiturates): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	10.7	9.6	9.3	8.1	7.5	6.8	6.6	5.5	5.2	4.9	4.6	4.2	3.6	3.2	3.3	3.4
Gender:																
Male	12.3	9.9	10.2	8.4	7.6	7.3	7.2	5.9	5.9	5.5	5.2	4.7	4.0	3.4	3.5	3.8
Female	9.9	9.2	8.4	7.7	7.0	6.0	5.8	5.0	4.2	4.0	3.9	3.8	3.2	3.0	3.0	3.0
College Plans:																
None or under 4 years	—	11.6	11.4	9.1	9.3	9.0	8.1	7.4	6.7	6.2	6.2	6.1	4.7	4.1	4.8	4.7
Complete 4 years	—	7.3	6.8	6.8	5.2	4.8	5.1	3.8	3.8	3.7	3.6	3.0	3.0	2.7	2.5	2.8
Region:																
Northeast	11.5	10.4	9.2	9.6	9.6	6.9	6.8	5.6	4.7	5.1	5.3	5.2	4.2	2.5	3.2	2.9
North Central	12.8	10.4	10.7	7.9	6.9	7.3	7.5	5.4	6.1	4.9	4.9	4.2	3.3	2.5	3.2	3.5
South	9.9	9.7	9.3	7.8	7.3	7.0	5.5	6.3	5.2	5.2	4.2	4.1	3.7	4.1	3.7	4.0
West	10.0	6.7	6.6	6.6	5.7	5.2	6.5	3.9	4.0	4.2	4.1	3.3	3.2	3.2	2.7	2.9
Population Density:																
Large MSA	11.1	10.2	8.1	8.1	8.3	6.6	6.9	5.3	5.2	4.4	4.4	3.7	3.3	2.8	2.6	2.6
Other MSA	11.3	9.8	9.9	8.2	7.3	6.5	6.4	5.7	5.3	4.9	4.2	4.4	3.6	3.4	3.1	3.6
Non-MSA	9.8	9.0	9.5	8.1	7.0	7.2	6.6	5.5	5.0	5.5	5.4	4.5	3.9	3.2	4.4	3.9
Parental Education: ^b																
1.0-2.0 (Low)	10.3	9.1	8.0	7.5	7.8	8.0	6.5	5.8	6.1	4.7	5.0	4.8	3.8	4.3	4.1	3.1
2.5-3.0	10.3	10.2	10.3	8.2	7.3	7.2	6.5	5.7	5.7	5.2	5.3	4.6	3.6	3.1	3.4	3.7
3.5-4.0	9.5	9.6	9.0	8.3	7.4	6.3	6.5	5.1	4.6	5.0	4.4	4.4	3.2	2.9	3.2	3.9
4.5-5.0	10.7	10.1	9.1	7.8	6.6	5.9	6.4	5.0	4.4	4.3	4.1	3.3	3.9	3.3	2.8	3.1
5.5-6.0 (High)	9.0	10.3	8.3	8.0	7.2	5.4	6.8	5.8	3.7	4.0	3.1	3.4	3.6	3.1	3.4	2.9
Race (2-year average): ^c																
White	—	—	10.2	9.3	8.2	7.5	7.2	6.5	5.8	5.5	5.1	4.7	4.2	3.7	3.5	3.7
Black	—	—	3.3	3.2	2.6	2.5	2.4	2.0	1.7	1.6	1.6	1.6	1.7	1.5	1.1	1.1
Hispanic	—	—	7.4	5.8	5.8	5.8	5.7	5.1	4.1	4.4	4.6	3.6	2.8	2.8	3.2	2.8

Cont'd →

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-57 (cont'd)
Sedatives (Barbiturates): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	Approx. N =																
	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	3.4	2.8	3.4	4.1	4.7	4.9	5.1	5.5	5.8	6.2	5.7	6.7	6.0	6.5	7.2	6.6	-0.6
Gender:																	
Male	3.4	2.9	3.4	4.3	5.1	5.2	5.3	6.3	6.3	6.9	6.3	7.4	6.7	7.0	7.7	6.4	-1.3
Female	3.2	2.6	3.3	3.8	4.2	4.4	4.8	4.8	5.3	5.4	5.1	5.9	5.4	6.0	6.6	6.7	+0.1
College Plans:																	
None or under 4 years	4.3	3.9	3.8	5.4	5.9	6.7	6.6	6.9	7.0	7.0	7.1	9.8	9.6	9.3	10.7	10.0	-0.7
Complete 4 years	2.9	2.3	3.2	3.7	4.4	4.3	4.6	5.1	5.5	6.0	5.4	6.0	5.1	5.6	6.3	5.7	-0.7
Region:																	
Northeast	2.8	2.7	3.5	4.0	4.1	5.6	5.7	5.5	4.7	5.6	5.3	5.9	4.8	5.4	5.7	5.7	0.0
North Central	3.5	2.7	3.5	4.1	4.5	4.9	4.4	4.8	6.0	5.2	5.6	6.4	5.1	5.9	7.5	6.2	-1.3
South	3.6	3.0	3.6	4.8	5.3	5.4	5.8	6.8	6.8	7.5	6.1	8.4	7.1	7.8	8.5	7.5	-1.0
West	3.3	2.5	2.7	2.8	4.3	3.3	4.2	4.2	4.9	5.7	5.6	5.1	6.5	6.3	5.9	6.2	+0.3
Population Density:																	
Large MSA	2.4	2.4	2.6	3.6	4.1	3.6	4.2	4.6	3.7	5.1	5.9	6.5	4.2	5.5	6.1	6.6	+0.5
Other MSA	3.9	2.6	3.1	4.3	4.9	5.4	5.0	5.6	6.2	6.6	6.1	6.7	6.6	7.1	7.5	6.6	-0.9
Non-MSA	3.3	3.4	4.3	4.1	5.0	5.4	6.4	6.8	7.4	6.8	4.9	7.0	7.4	6.6	7.8	6.6	-1.3
Parental Education: ^b																	
1.0-2.0 (Low)	3.6	3.9	3.8	4.5	4.9	4.8	4.3	6.4	7.5	5.2	6.3	5.1	6.7	6.6	6.2	7.3	+1.2
2.5-3.0	3.7	2.4	3.6	4.5	5.2	4.9	4.9	6.3	6.2	7.1	5.3	7.1	6.5	7.0	8.1	6.5	-1.6
3.5-4.0	3.0	2.8	2.8	4.0	4.6	4.9	6.0	5.6	6.4	5.8	6.1	7.7	7.2	8.0	7.7	7.3	-0.3
4.5-5.0	3.3	2.9	3.4	4.0	4.4	5.0	5.1	5.0	5.0	6.7	5.9	6.3	4.7	5.1	7.0	6.2	-0.8
5.5-6.0 (High)	3.6	2.4	3.8	3.6	4.1	4.6	4.6	5.0	5.1	5.5	5.8	6.6	4.3	5.5	6.3	6.0	-0.4
Race (2-year average): ^c																	
White	3.8	3.5	3.6	4.3	4.9	5.4	5.9	6.5	6.7	6.9	7.0	7.5	7.6	7.4	7.9	7.9	0.0
Black	1.2	1.1	1.0	1.5	1.6	1.1	1.0	1.4	1.4	1.3	1.5	1.4	1.7	2.4	2.6	2.5	-0.2
Hispanic	2.4	2.2	1.9	2.6	3.5	4.0	3.7	3.3	4.0	5.1	4.7	4.5	4.1	4.7	5.8	5.8	0.0

^aOnly drug use not under a doctor's orders is included here.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-58
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months ^a																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	1.8	2.0	2.1	2.4	2.7	3.3	2.9	2.6	2.5	2.6†	2.8	2.6	2.7	2.5	2.8	2.6	-0.2
Gender:																	
Male	1.5	1.6	1.8	1.9	2.0	2.3	2.6	2.3	2.1	2.1†	2.5	2.2	2.2	1.9	2.1	2.2	+0.1
Female	2.1	2.3	2.4	2.8	3.3	4.0	3.2	3.0	2.9	3.1†	2.9	2.8	3.0	3.2	3.4	2.9	-0.5
College Plans:																	
None or under 4 years	3.9	4.9	3.6	5.1	5.9	6.4	5.8	6.4	5.8	6.8†	5.8	6.5	6.3	6.2	6.9	6.0	-1.0
Complete 4 years	1.5	1.5	1.9	2.0	2.3	2.8	2.6	2.2	2.0	2.2†	2.5	2.1	2.3	2.1	2.4	2.3	-0.1
Region:																	
Northeast	1.0	1.6	1.7	2.5	2.3	2.7	2.5	2.0	2.3	2.2†	2.0	1.8	1.9	1.7	1.6	1.3	-0.4
North Central	1.4	1.9	1.3	1.7	2.6	3.5	2.4	2.6	2.6	2.2†	2.2	2.4	2.2	2.1	2.8	2.4	-0.4
South	2.6	2.5	2.4	2.6	3.0	3.7	3.3	3.2	2.8	3.2†	3.4	3.4	3.5	3.4	3.7	3.6	-0.1
West	1.8	1.6	3.0	2.7	2.4	2.9	3.0	2.3	1.9	2.5†	3.2	1.9	2.6	2.2	2.2	2.1	-0.1
Population Density:																	
Large MSA	1.8	2.1	1.7	2.5	1.8	3.2	2.1	1.9	1.8	2.5†	2.8	2.0	1.8	1.8	2.0	1.9	0.0
Other MSA	1.7	1.8	2.5	2.6	3.2	3.4	3.2	2.6	2.4	2.7†	3.1	2.7	2.9	3.1	3.1	2.6	-0.5
Non-MSA	2.2	2.2	1.6	1.9	2.6	3.1	3.2	3.6	3.4	2.7†	2.3	2.9	3.4	2.4	3.4	3.5	+0.1
Parental Education: ^c																	
1.0-2.0 (Low)	3.6	3.8	2.5	3.2	3.9	4.9	4.3	5.5	5.0	5.6†	3.7	5.0	3.9	4.7	5.0	5.1	+0.1
2.5-3.0	1.6	2.1	2.5	2.6	2.7	3.5	3.1	2.8	3.3	3.6†	3.7	3.6	3.5	2.8	4.3	3.2	-1.1
3.5-4.0	2.0	2.2	2.1	2.6	3.2	3.9	3.2	2.7	2.1	2.6†	2.7	2.2	2.8	3.0	3.3	3.1	-0.2
4.5-5.0	1.4	0.9	1.8	2.0	2.2	2.8	2.4	2.4	1.7	1.4†	2.7	2.0	2.1	2.0	1.3	1.7	+0.4
5.5-6.0 (High)	1.8	1.9	1.7	2.1	1.6	2.7	2.7	2.1	1.9	2.2†	2.1	1.6	1.6	1.7	2.0	1.8	-0.2
Race (2-year average): ^d																	
White	—	2.0	2.0	2.2	2.7	3.2	3.4	3.1	2.9	3.0	3.0†	3.0 ^e	2.8	2.8	2.9	3.0	+0.1
Black	—	0.9	1.1	1.2	1.2	1.3	1.2	0.9	0.7	0.5	0.5†	0.6 ^e	1.0	1.2	1.0	0.8	-0.2
Hispanic	—	2.7	3.1	3.4	3.3	3.5	3.5	3.4	3.5	3.5	3.6†	3.8 ^e	3.4	3.4	3.5	3.0	-0.4

(Table continued on next page)

TABLE D-58 (cont'd)
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aOnly drug use not under a doctor's orders is included here.

^bIn 2001, for the tranquilizer list of examples, Miltown was replaced with Xanax. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^eThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-59
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months ^a																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	3.2	3.5	3.3	3.3	4.0	4.6	4.9	5.1	5.4	5.6†	7.3	6.3	5.3	5.1	4.8	5.2	+0.4
Gender:																	
Male	2.5	2.7	3.2	3.0	4.0	4.3	4.7	4.7	5.2	5.8†	7.9	5.7	4.7	4.7	4.3	5.0	+0.8
Female	3.8	4.3	3.2	3.6	4.0	4.9	5.2	5.4	5.4	5.5†	6.8	6.9	5.8	5.5	5.3	5.3	0.0
College Plans:																	
None or under 4 years	5.0	6.0	5.8	6.0	7.4	9.4	8.6	8.3	8.6	10.0†	13.5	11.6	9.2	9.6	9.6	10.2	+0.6
Complete 4 years	2.8	3.1	2.7	2.8	3.4	3.8	4.3	4.5	4.8	4.9†	6.4	5.5	4.7	4.5	4.2	4.5	+0.4
Region:																	
Northeast	2.7	2.8	3.4	2.8	2.6	3.9	3.6	5.7	5.5	3.9†	6.2	4.6	4.3	5.0	5.0	3.8	-1.2
North Central	2.4	3.0	2.5	2.6	3.2	4.4	3.7	3.4	4.6	5.4†	5.6	5.5	4.5	3.5	3.3	4.2	+0.9
South	4.2	4.5	3.9	4.2	5.1	5.7	7.3	6.6	6.0	6.9†	9.6	8.1	7.5	7.3	6.6	6.9	+0.3
West	2.9	3.2	3.2	3.6	4.3	3.6	3.7	4.1	4.9	5.4†	6.7	5.8	4.1	4.1	3.8	5.3	+1.5
Population Density:																	
Large MSA	3.2	3.3	2.7	2.6	3.2	4.2	3.9	4.1	5.0	5.5†	5.8	5.1	3.9	3.2	3.5	4.4	+0.9
Other MSA	3.0	3.8	3.3	3.9	4.1	4.6	4.4	5.2	5.5	5.4†	7.0	6.8	5.8	5.7	5.4	5.3	-0.1
Non-MSA	3.5	3.3	3.6	3.0	4.7	5.2	7.0	6.0	5.6	6.1†	9.9	6.7	6.4	6.4	5.3	6.3	+1.1
Parental Education: ^c																	
1.0-2.0 (Low)	3.3	5.3	4.8	4.2	5.0	5.9	4.7	6.5	5.0	8.2†	7.6	7.1	7.5	5.8	5.2	6.6	+1.4
2.5-3.0	3.6	3.5	3.1	3.3	4.5	5.2	5.3	6.3	5.9	6.2†	7.9	7.5	7.3	5.6	5.7	6.2	+0.5
3.5-4.0	3.2	3.4	3.5	3.4	4.3	5.0	5.5	4.9	5.2	5.6†	8.1	6.7	5.7	5.7	5.4	5.6	+0.2
4.5-5.0	2.5	3.9	2.9	2.9	3.5	4.1	4.2	4.5	5.7	5.2†	6.7	5.8	4.1	4.6	4.0	4.3	+0.3
5.5-6.0 (High)	3.5	2.3	3.1	3.4	3.2	3.6	4.4	4.0	5.3	4.7†	6.9	4.6	3.4	4.1	4.0	4.3	+0.2
Race (2-year average): ^d																	
White	—	4.0	3.8	3.6	4.1	4.9	5.6	6.0	6.1	6.4	7.0†	7.6 ^e	7.4	6.5	6.0	6.0	-0.1
Black	—	0.9	0.9	0.9	0.8	0.7	0.9	1.0	1.2	1.1	1.5†	1.5 ^e	1.3	1.3	1.3	1.6	+0.3
Hispanic	—	2.9	3.3	3.1	3.1	3.4	3.5	3.5	3.7	4.0	4.0†	4.3 ^e	4.4	4.5	4.3	3.8	-0.5

(Table continued on next page)

TABLE D-59 (cont'd)
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '‡' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aOnly drug use not under a doctor's orders is included here.

^bIn 2001, for the tranquilizer list of examples, Miltown was replaced with Xanax. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^eThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-60
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Approx. N =	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	10.6	10.3	10.8	9.9	9.6	8.7	8.0	7.0	6.9	6.1	6.1	5.8	5.5	4.8	3.8	3.5
Gender:																
Male	10.0	9.4	10.2	9.7	9.9	9.0	8.0	6.9	7.0	6.3	6.4	5.9	5.2	4.7	4.0	3.5
Female	11.1	11.0	11.4	10.1	9.3	8.5	7.7	7.1	6.7	5.8	5.7	5.8	5.8	4.8	3.5	3.5
College Plans:																
None or under 4 years	—	11.5	12.3	11.1	11.0	10.7	9.4	8.0	8.0	7.4	6.8	7.2	6.7	5.1	4.8	4.3
Complete 4 years	—	8.9	9.0	8.6	8.1	7.2	6.9	6.3	5.8	5.2	5.5	5.1	4.9	4.6	3.3	3.2
Region:																
Northeast	9.2	9.7	10.4	10.9	11.5	8.6	8.3	7.8	6.8	6.8	7.1	6.4	6.9	4.5	3.7	2.9
North Central	10.6	10.1	11.0	8.8	7.5	8.2	7.8	6.2	6.8	5.6	6.0	5.5	4.5	3.7	3.1	2.9
South	11.3	11.7	11.4	10.5	10.4	9.5	7.8	7.4	7.4	6.9	5.9	6.3	5.7	6.0	4.4	4.3
West	11.7	8.5	9.6	8.9	9.4	8.6	8.0	6.4	6.2	4.9	5.3	4.8	5.2	4.4	3.4	3.9
Population Density:																
Large MSA	11.2	9.6	9.6	10.3	9.9	8.7	8.3	7.0	7.0	5.4	5.8	5.3	5.8	4.7	3.1	3.6
Other MSA	11.0	11.3	11.4	10.1	10.2	9.3	8.1	7.2	7.2	6.1	6.0	5.7	5.6	5.0	3.5	3.7
Non-MSA	9.9	9.5	11.0	9.2	8.7	8.0	7.5	6.8	6.5	6.8	6.5	6.4	5.2	4.5	4.9	3.3
Parental Education: ^b																
1.0-2.0 (Low)	—	11.2	10.1	9.4	9.4	9.1	7.8	7.1	6.1	6.0	6.5	5.3	6.7	5.7	3.9	3.6
2.5-3.0	—	9.8	10.3	11.5	10.1	8.8	9.1	8.0	7.3	7.2	6.5	6.2	5.8	5.4	4.6	3.9
3.5-4.0	—	9.8	11.2	11.1	9.5	10.4	8.9	8.3	6.7	6.9	5.8	6.4	6.5	5.3	4.5	3.4
4.5-5.0	—	11.3	11.7	11.4	10.5	10.0	8.1	7.4	7.6	6.6	5.8	6.3	4.7	5.9	5.5	3.8
5.5-6.0 (High)	—	9.3	12.0	10.1	11.0	11.4	10.3	9.1	7.6	7.1	6.3	5.5	5.4	5.4	5.6	4.9
Race (2-year average): ^c																
White	—	—	11.4	11.1	10.5	9.9	9.1	8.3	7.8	7.3	6.8	6.6	6.3	5.9	5.0	4.2
Black	—	—	4.3	4.2	3.6	3.1	3.0	2.5	2.3	2.1	1.7	1.7	2.0	2.0	1.2	0.7
Hispanic	—	—	8.4	8.2	7.4	6.4	5.7	5.8	5.1	5.3	5.0	4.4	3.7	2.5	1.6	1.9

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-60 (cont'd)
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	2005	2006	
Approx. N =	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	3.6	2.8	3.5	3.7	4.4	4.6	4.7	5.5	5.8	5.7†	6.9	7.7	6.7	7.3	6.8	6.6	-0.1
Gender:																	
Male	3.5	2.7	3.5	4.0	4.7	5.0	5.4	6.3	6.9	6.4†	7.9	8.4	6.9	8.0	7.2	7.1	-0.1
Female	3.6	3.0	3.3	3.5	4.1	4.0	3.9	4.7	4.8	4.9†	5.8	6.9	6.3	6.5	6.2	6.1	-0.1
College Plans:																	
None or under 4 years	4.2	3.9	3.9	4.5	5.6	5.6	6.2	6.8	6.4	6.7†	7.6	9.9	9.6	9.1	10.3	8.5	-1.8
Complete 4 years	3.4	2.5	3.3	3.5	4.1	4.2	4.0	5.1	5.6	5.2†	6.7	7.1	6.0	6.8	5.9	6.0	+0.1
Region:																	
Northeast	3.0	3.0	3.7	3.5	3.9	4.8	5.3	4.9	5.6	5.2†	5.7	6.8	5.4	6.5	5.7	7.2	+1.6
North Central	3.0	2.3	2.8	3.1	4.0	4.4	3.5	3.7	5.1	4.7†	8.1	6.5	5.5	6.2	7.0	5.8	-1.2
South	4.0	3.5	4.2	4.8	5.0	5.3	5.4	7.5	7.6	6.7†	7.4	10.4	8.5	9.0	8.3	7.6	-0.6
West	4.4	2.3	3.0	2.8	4.3	3.0	4.3	4.4	3.9	5.6†	5.5	5.8	6.6	7.0	4.9	5.3	+0.4
Population Density:																	
Large MSA	2.5	2.9	2.9	3.9	4.0	3.7	4.2	4.8	4.0	4.7†	7.9	7.8	4.7	5.5	5.5	6.5	+1.0
Other MSA	4.1	2.7	3.6	3.7	4.5	4.9	4.8	5.7	6.6	6.2†	6.4	8.2	7.8	8.5	7.4	6.6	-0.8
Non-MSA	3.7	3.1	3.7	3.5	4.8	4.7	5.1	5.9	6.5	6.0†	6.7	6.8	7.4	7.3	7.1	6.9	-0.2
Parental Education: ^c																	
1.0-2.0 (Low)	4.0	3.9	3.3	4.2	3.9	4.2	3.9	6.4	5.2	6.4†	5.4	5.2	7.1	5.0	4.3	5.7	+1.4
2.5-3.0	3.6	2.8	3.3	3.5	4.7	4.0	4.3	5.2	6.2	5.3†	6.7	7.9	6.5	7.9	7.7	6.9	-0.8
3.5-4.0	3.1	2.7	3.5	3.6	4.3	4.7	4.6	6.0	6.4	5.6†	7.7	8.4	7.6	9.0	7.3	6.9	-0.5
4.5-5.0	3.9	3.0	3.4	3.7	4.5	4.6	5.4	4.9	5.4	5.9†	7.4	7.9	5.9	7.1	6.8	6.6	-0.1
5.5-6.0 (High)	4.0	2.2	4.2	4.2	4.1	5.3	5.1	5.5	5.6	5.8†	6.0	7.9	6.2	5.4	5.9	6.4	+0.5
Race (2-year average): ^d																	
White	4.1	3.7	3.7	4.2	4.6	5.1	5.5	6.2	6.8	6.9	7.7†	9.2 ^e	8.7	8.4	8.6	8.2	-0.4
Black	0.9	1.3	1.0	1.1	1.2	0.9	0.8	1.0	1.0	0.7	0.6†	1.1 ^e	1.3	1.7	1.9	1.6	-0.2
Hispanic	2.7	2.4	2.0	2.4	3.5	4.3	3.8	3.3	3.5	4.3	3.9†	4.1 ^e	4.5	4.5	4.3	4.3	-0.1

^aOnly drug use not under a doctor's orders is included here.

^bIn 2001, for the tranquilizer list of examples, Miltown was replaced with Xanax. The 2001 data are based on the changed forms only; N is one-half of N indicated. In 2002 the remaining forms were changed. Beginning in 2002, the data are based on all forms. Data for "any illicit drug other than marijuana" and "hallucinogens" are also affected by these changes and have been treated in a parallel manner.

^cParental education is an average score of mother's education and father's education. See Appendix B for details.

^dTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^eThe 2002 data comprise half of the 2001 sample data double-weighted and all of the 2002 sample data.

TABLE D-61
Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

		Percentage who used in last twelve months																
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	'05-'06 change
Approx. N =		—	—	—	—	—	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total		—	—	—	—	—	1.0	0.8	0.8	0.5	0.5	0.7	0.3	0.5	0.6	0.7	0.5	-0.1
Gender:																		
Male		—	—	—	—	—	1.1	0.7	0.8	0.6	0.5	0.6	0.2	0.4	0.5	0.7	0.7	0.0
Female		—	—	—	—	—	1.0	0.9	0.9	0.2	0.6	0.7	0.2	0.4	0.7	0.7	0.4	-0.3
College Plans:																		
None or under 4 years		—	—	—	—	—	2.5	1.5	3.0	0.9	2.2	2.0	1.0	1.3	2.4	1.8	1.1	-0.8
Complete 4 years		—	—	—	—	—	0.8	0.7	0.6	0.4	0.4	0.5	0.2	0.4	0.4	0.6	0.5	-0.1
Region:																		
Northeast		—	—	—	—	—	0.9	0.3	0.9	0.3	0.6	0.9	0.2	0.2	0.3	0.6	1.4	+0.8
North Central		—	—	—	—	—	0.9	0.8	0.8	0.3	0.4	1.0	0.4	0.2	0.8	0.6	0.0	-0.6
South		—	—	—	—	—	1.3	1.1	0.9	0.7	0.9	0.6	0.4	0.6	0.5	0.5	0.6	+0.1
West		—	—	—	—	—	1.0	0.7	0.8	0.5	*	0.4	0.1	0.7	0.7	1.1	0.2	-0.9
Population Density:																		
Large MSA		—	—	—	—	—	1.2	0.8	0.7	0.4	0.9	1.2	0.1	0.1	0.5	0.4	0.6	+0.3
Other MSA		—	—	—	—	—	1.1	0.9	1.0	0.6	0.5	0.5	0.3	0.4	0.8	0.7	0.5	-0.3
Non-MSA		—	—	—	—	—	0.8	0.7	0.8	0.3	0.2	0.4	0.5	1.0	0.3	1.0	0.5	-0.5
Parental Education: ^a																		
1.0-2.0 (Low)		—	—	—	—	—	2.0	2.1	2.2	0.2	0.9	1.3	0.9	1.8	2.4	0.6	0.7	+0.1
2.5-3.0		—	—	—	—	—	1.1	1.1	0.8	0.3	0.8	0.3	0.0	0.9	0.1	1.3	0.1	-1.2 s
3.5-4.0		—	—	—	—	—	1.2	0.7	0.9	0.6	0.2	1.2	0.2	0.1	0.2	0.4	0.7	+0.2
4.5-5.0		—	—	—	—	—	0.8	0.6	0.6	0.5	0.4	0.7	0.6	0.4	0.6	0.9	0.1	-0.8
5.5-6.0 (High)		—	—	—	—	—	0.8	0.5	0.9	0.7	0.9	0.2	0.2	0.0	0.1	0.5	1.5	+1.0
Race (2-year average): ^b																		
White		—	—	—	—	—	—	0.9	0.8	0.7	0.5	0.6	0.5	0.4	0.4	0.5	0.5	0.0
Black		—	—	—	—	—	—	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.9	0.7	0.2	-0.5
Hispanic		—	—	—	—	—	—	1.4	1.5	1.5	0.6	0.9	0.8	0.4	1.0	0.8	0.6	-0.2

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. '**' indicates less than .05 percent but greater than 0 percent. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of two forms in 1996; N is one-half of N indicated in Table D-106. Data based on three of four forms in 1997-98; N is two-thirds of N indicated in Table D-106. Data based on two of four forms in 1999-2001; N is one-third of N indicated in Table D-106. Data based on one of four forms beginning in 2002; N is one-sixth of N indicated in Table D-106.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-62
Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	—	—	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	—	—	—	—	—	1.1	1.3	1.2	1.0	0.8	1.0	0.7	0.6	0.7	0.5	0.5	+0.1
Gender:																	
Male	—	—	—	—	—	1.1	1.4	1.4	1.2	1.0	1.1	0.4	0.7	0.8	0.3	0.4	+0.1
Female	—	—	—	—	—	1.1	1.1	1.1	0.9	0.6	0.9	0.9	0.6	0.6	0.6	0.7	0.0
College Plans:																	
None or under 4 years	—	—	—	—	—	2.9	2.7	2.9	2.8	1.4	2.8	0.5	0.3	1.4	1.6	1.5	-0.1
Complete 4 years	—	—	—	—	—	0.8	1.1	0.9	0.8	0.6	0.7	0.7	0.6	0.6	0.3	0.4	+0.1
Region:																	
Northeast	—	—	—	—	—	0.6	0.7	0.9	0.4	0.6	0.9	0.4	1.0	0.8	0.7	0.3	-0.4
North Central	—	—	—	—	—	0.5	0.8	1.0	0.9	0.4	0.9	0.3	0.2	0.3	0.2	1.0	+0.8
South	—	—	—	—	—	1.9	2.4	2.0	1.8	1.2	1.0	0.4	0.8	0.9	0.7	0.7	0.0
West	—	—	—	—	—	1.1	0.6	0.5	0.6	0.7	1.3	2.0	0.4	0.9	0.2	0.0	-0.2
Population Density:																	
Large MSA	—	—	—	—	—	1.1	1.3	1.3	0.9	0.9	1.2	0.7	0.3	0.6	0.3	0.2	-0.1
Other MSA	—	—	—	—	—	1.4	1.3	1.3	1.3	0.9	0.8	0.9	0.4	0.7	0.5	0.7	+0.1
Non-MSA	—	—	—	—	—	0.6	1.3	1.0	0.7	0.5	1.2	0.3	1.5	0.8	0.5	0.8	+0.3
Parental Education: ^a																	
1.0-2.0 (Low)	—	—	—	—	—	1.7	1.3	1.7	1.2	1.3	2.3	0.4	1.3	0.4	1.1	1.4	+0.4
2.5-3.0	—	—	—	—	—	1.0	1.1	1.6	1.6	0.5	1.1	0.9	0.7	0.4	0.5	0.3	-0.1
3.5-4.0	—	—	—	—	—	1.5	1.6	1.0	0.8	0.8	0.7	1.0	0.9	1.0	0.4	0.7	+0.3
4.5-5.0	—	—	—	—	—	0.7	1.5	0.9	0.6	0.7	1.1	0.7	0.2	0.6	0.6	0.3	-0.3
5.5-6.0 (High)	—	—	—	—	—	1.1	0.8	1.3	1.1	0.8	0.3	0.2	0.4	1.0	0.0	0.0	0.0
Race (2-year average): ^b																	
White	—	—	—	—	—	—	1.4	1.5	1.5	1.0	1.0	1.0	0.6	0.9	0.8	0.5	-0.3
Black	—	—	—	—	—	—	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.2	0.4	0.3	-0.1
Hispanic	—	—	—	—	—	—	1.0	1.2	1.1	0.7	0.9	1.0	0.7	0.3	0.2	0.6	+0.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of two forms in 1996; N is one-half of N indicated in Table D-107.

Data based on three of four forms in 1997-98; N is two-thirds of N indicated in Table D-107. Data based on two of four forms in 1999-2001; N is one-third of N indicated in Table D-107. Data based on one of four forms beginning in 2002; N is one-sixth of N indicated in Table D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-63
Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months														'05-'06 change
	Class of:														
	1975-79	1980-89	1990-95	1996	1997	1998	1999	2000	2001	2002 ^a	2003	2004	2005	2006	
<i>Approx. N =</i>	—	—	—	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	—	—	1.1	1.2	1.4	1.0	0.8	0.9†	1.6	1.3	1.6	1.2	1.1	-0.1
Gender:															
Male	—	—	—	1.8	1.2	1.7	1.0	0.8	1.1†	2.3	2.0	2.3	1.5	1.3	-0.2
Female	—	—	—	0.3	1.1	1.1	1.0	0.7	0.6†	1.0	0.5	0.7	0.8	0.5	-0.3
College Plans:															
None or under 4 years	—	—	—	1.4	0.5	1.8	1.0	0.1	1.2†	2.5	2.1	3.0	2.4	1.6	-0.7
Complete 4 years	—	—	—	0.8	1.3	1.3	1.0	0.9	0.8†	1.4	0.9	1.0	0.9	0.8	-0.1
Region:															
Northeast	—	—	—	0.9	0.6	1.2	0.8	0.3	1.7†	1.2	1.4	0.8	1.1	1.3	+0.2
North Central	—	—	—	1.0	0.5	1.0	0.8	0.9	0.5†	1.8	1.2	1.3	1.7	0.8	-0.9
South	—	—	—	1.8	2.2	2.6	1.6	1.3	1.0†	1.5	1.4	2.1	1.3	1.3	-0.1
West	—	—	—	0.1	0.8	0.0	0.2	0.1	0.8†	2.0	1.1	1.8	0.6	1.3	+0.7
Population Density:															
Large MSA	—	—	—	1.3	0.9	0.8	0.3	0.3	1.0†	1.6	1.1	1.8	1.4	1.2	-0.2
Other MSA	—	—	—	1.3	1.5	2.2	1.4	1.1	1.2†	2.0	1.7	1.6	1.2	1.0	-0.2
Non-MSA	—	—	—	0.7	0.7	0.6	0.9	0.7	0.3†	1.1	0.9	1.2	1.1	1.4	+0.3
Parental Education: ^b															
1.0-2.0 (Low)	—	—	—	1.6	0.4	0.6	4.7	0.0	4.2†	3.7	2.8	3.4	3.9	1.2	-2.7 s
2.5-3.0	—	—	—	0.5	0.6	1.0	0.3	0.4	0.4†	2.9	1.8	1.8	1.2	1.2	0.0
3.5-4.0	—	—	—	0.8	1.4	1.1	1.1	1.5	0.8†	0.8	1.2	1.5	1.4	1.0	-0.3
4.5-5.0	—	—	—	0.9	1.7	2.7	0.3	0.6	0.8†	1.6	0.9	0.6	0.3	1.2	+0.8 s
5.5-6.0 (High)	—	—	—	1.8	1.7	1.4	0.7	0.0	0.2†	0.8	0.2	1.5	0.9	0.7	-0.2
Race (2-year average): ^c															
White	—	—	—	—	1.2	1.6	1.5	0.9	0.8†	—	1.5	1.3	1.1	0.9	-0.3
Black	—	—	—	—	0.1	0.0	0.2	0.4	0.2†	—	0.8	1.2	1.7	1.3	-0.5
Hispanic	—	—	—	—	2.0	1.3	1.0	0.6	1.3†	—	1.6	1.7	1.9	2.1	+0.2

(Table continued on next page)

TABLE D-63 (cont'd)
Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '‡' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of six forms in 1996–2001; N is one-sixth of N indicated in Table D-108. Data based on two of six forms beginning in 2002; N is two-sixths of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aThe 2001 and 2002 data are not comparable due to changes in the questionnaire forms.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-64
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993 ^a	1994 ^a	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	25.1	26.1†	24.3	25.5	24.6	26.2	24.5	23.0	24.0	22.4	21.5	19.6	19.7	18.6	17.1	17.2	+0.1
Gender:																	
Male	26.3	26.3†	25.3	26.5	25.0	26.6	25.2	24.0	24.8	22.5	22.3	19.1	19.4	17.9	16.2	16.3	0.0
Female	23.8	25.9†	23.7	24.7	24.0	25.8	23.9	21.9	23.3	22.0	20.6	20.0	19.8	19.0	17.9	17.6	-0.2
College Plans:																	
None or under 4 years	37.2	39.6†	41.1	41.4	40.0	41.7	40.2	41.2	41.6	38.3	37.0	35.3	35.3	32.6	32.6	30.8	-1.8
Complete 4 years	23.1	24.2†	22.2	23.6	22.6	24.0	22.8	21.0	22.0	20.4	19.7	18.2	18.1	17.2	15.5	15.8	+0.3
Region:																	
Northeast	24.3	23.8†	21.0	25.4	24.1	26.9	24.8	21.2	25.7	25.6	23.3	19.3	18.4	18.0	14.5	16.9	+2.4
North Central	26.6	28.3†	24.7	24.2	24.7	26.9	22.8	23.9	25.7	24.1	21.2	19.1	21.9	19.3	16.9	17.0	+0.1
South	25.1	26.8†	25.4	25.6	25.5	26.3	26.4	23.8	24.4	20.9	22.8	21.6	20.8	18.8	19.0	18.5	-0.4
West	23.1	23.5†	25.6	27.2	23.1	24.8	22.7	22.2	19.8	20.2	18.1	17.0	16.0	17.9	16.4	15.3	-1.1
Population Density:																	
Large MSA	25.4	27.4†	21.2	23.8	22.3	24.9	23.1	21.4	21.7	21.2	19.4	17.4	18.2	18.1	17.2	16.6	-0.6
Other MSA	24.3	26.1†	26.0	27.4	25.3	27.4	24.9	22.4	23.4	21.3	21.5	20.1	19.4	19.1	17.9	17.4	-0.4
Non-MSA	26.2	24.2†	24.9	23.8	26.0	25.7	25.4	26.0	28.1	26.1	24.1	21.4	22.3	18.1	15.6	17.5	+1.9
Parental Education: ^b																	
1.0-2.0 (Low)	30.7	32.8†	28.0	33.5	30.8	28.1	29.7	28.9	30.7	30.2	28.5	27.6	25.5	24.2	23.8	24.1	+0.3
2.5-3.0	27.0	27.2†	28.0	27.4	27.8	30.1	26.2	26.5	27.9	26.3	27.0	23.2	24.0	22.1	20.4	20.0	-0.4
3.5-4.0	25.1	26.3†	25.9	26.7	26.8	27.6	27.8	24.5	25.2	23.0	23.3	21.2	22.0	20.0	18.8	19.0	+0.2
4.5-5.0	22.8	24.6†	20.6	22.6	21.0	25.0	22.6	20.2	20.4	18.4	17.2	17.0	16.0	16.3	14.6	13.9	-0.7
5.5-6.0 (High)	24.0	25.2†	22.3	23.6	20.5	21.5	20.5	21.3	22.1	19.0	16.4	15.1	15.7	15.8	13.1	13.8	+0.7
Race (2-year average): ^c																	
White	—	26.6	27.1†	25.3	25.4	26.6	26.7	24.8	24.7	24.7	23.2	21.5	20.1	19.2	17.9	16.9	-1.0
Black	—	18.6	19.7†	19.4	18.7	18.1	17.9	16.1	16.1	16.0	15.0	14.8	15.5	16.2	14.9	13.1	-1.8
Hispanic	—	31.0	32.3†	33.5	32.4	29.7	29.8	29.5	29.0	26.7	25.7	26.5	25.3	23.5	20.6	21.2	+0.6

Source: The Monitoring the Future Study, the University of Michigan.

Notes: † indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes. Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. — indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 1993, the question text was changed slightly in one form to indicate that a "drink" meant "more than a few sips." The 1993 data are based on the changed forms only; N is one-half of N indicated. In 1994 the question text was changed in the remaining form. Beginning in 1994, the data are based on all forms. In 2004, the question text was changed slightly in half of the forms. An examination of the data did not show any effect from the wording change. The remaining forms were changed in 2005.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-65
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993 ^a	1994 ^a	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	42.8	39.9†	38.2	39.2	38.8	40.4	40.1	38.8	40.0	41.0	39.0	35.4	35.4	35.2	33.2	33.8	+0.6
Gender:																	
Male	45.5	41.6†	40.6	43.5	39.7	42.6	42.5	40.0	42.3	43.3	41.1	35.3	35.3	36.3	32.8	33.8	+1.1
Female	40.2	38.3†	35.6	34.8	37.8	38.3	37.9	37.7	38.1	38.6	36.8	35.7	35.3	34.0	33.6	33.8	+0.2
College Plans:																	
None or under 4 years	53.6	49.5†	48.6	52.0	52.2	53.3	51.6	52.4	53.7	53.9	52.2	47.1	46.6	47.5	44.9	44.8	0.0
Complete 4 years	40.6	37.9†	36.1	36.4	36.4	38.3	38.1	36.5	37.9	39.1	36.8	33.5	33.6	33.6	31.6	32.5	+0.9
Region:																	
Northeast	48.0	42.3†	42.4	37.4	38.3	41.4	41.1	41.6	44.8	42.0	37.8	36.3	38.7	40.4	37.0	35.7	-1.3
North Central	43.5	40.3†	37.4	39.6	38.9	39.1	38.6	37.6	40.9	42.5	41.0	35.7	34.4	30.9	31.9	33.7	+1.8
South	41.7	38.2†	38.0	40.5	39.4	41.7	40.8	39.9	38.8	39.1	38.3	33.7	34.8	36.4	33.4	32.8	-0.6
West	39.6	39.8†	35.6	38.2	38.0	38.9	39.9	35.5	36.1	41.1	38.2	37.2	34.1	33.7	30.7	33.9	+3.2
Population Density:																	
Large MSA	43.6	40.4†	39.0	36.3	34.6	37.9	37.8	34.2	39.7	42.4	37.6	32.0	33.1	32.0	31.1	32.5	+1.4
Other MSA	41.4	38.6†	36.2	40.1	39.9	41.0	40.2	39.0	39.7	39.3	38.3	35.2	35.6	37.0	34.4	34.5	0.0
Non-MSA	44.8	41.9†	41.3	40.6	41.3	42.1	42.6	43.7	41.0	42.4	41.8	40.4	38.3	35.8	33.5	34.4	+0.9
Parental Education: ^b																	
1.0-2.0 (Low)	42.1	40.4†	37.5	38.6	43.5	43.2	39.2	39.9	40.6	41.1	38.6	38.2	38.4	38.6	36.5	33.1	-3.4
2.5-3.0	43.9	40.9†	40.6	41.5	42.3	42.6	41.1	41.2	42.3	42.8	41.4	38.0	37.4	38.5	36.0	38.0	+2.0
3.5-4.0	44.2	40.0†	38.0	40.6	38.8	42.2	41.6	40.1	40.2	42.8	41.0	36.4	36.6	37.5	33.5	35.6	+2.1
4.5-5.0	40.7	39.4†	36.2	37.7	37.9	37.8	39.3	36.9	38.7	40.2	37.0	33.7	32.7	32.6	31.8	32.0	+0.2
5.5-6.0 (High)	44.9	41.7†	39.3	35.4	34.3	39.6	38.9	37.0	40.9	39.0	37.1	32.0	34.1	32.4	31.8	31.7	-0.1
Race (2-year average): ^c																	
White	—	44.1	43.1†	40.4	41.0	42.2	43.0	42.7	43.0	43.9	42.7	40.0	38.7	37.8	37.0	36.3	-0.7
Black	—	30.2	29.3†	29.7	28.0	23.9	24.6	25.1	24.4	24.7	25.3	24.3	23.7	24.6	23.0	21.5	-1.5
Hispanic	—	41.0	39.9†	37.7	40.5	44.0	42.8	39.4	39.6	40.5	40.2	37.9	37.1	39.5	38.2	36.1	-2.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes. Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aIn 1993, the question text was changed slightly in one form to indicate that a "drink" meant "more than a few sips." The 1993 data are based on the changed forms only; N is one-half of N indicated. In 1994 the question text was changed in the remaining form. Beginning in 1994, the data are based on all forms. In 2004, the question text was changed slightly in half of the forms. An examination of the data did not show any effect from the wording change. The remaining forms were changed in 2005.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-66
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	68.2	68.3	71.2	72.1	71.8	72.0	70.7	69.7	69.4	67.2	65.9	65.3	66.4	63.9	60.0	57.1
Gender:																
Male	75.0	74.5	77.8	77.5	76.7	77.4	75.7	74.1	74.4	71.4	69.8	69.0	69.9	68.0	65.1	61.3
Female	62.2	61.8	65.0	67.1	67.0	66.8	65.7	65.4	64.3	62.8	62.1	61.9	63.1	59.9	54.9	52.3
College Plans:																
None or under 4 years	—	69.9	72.8	72.7	72.2	73.5	72.1	71.6	70.5	69.0	67.9	66.6	68.6	65.0	61.6	58.7
Complete 4 years	—	66.5	69.4	71.6	71.4	70.8	70.0	68.6	68.1	65.7	64.6	64.8	65.7	63.6	59.1	56.4
Region:																
Northeast	76.9	75.7	76.6	78.0	81.1	79.4	80.4	76.7	74.4	73.6	72.3	67.6	69.1	66.7	61.7	65.3
North Central	71.1	73.2	76.4	77.2	73.9	75.1	73.6	75.0	74.4	70.6	66.8	71.3	70.7	67.9	65.9	61.5
South	62.8	60.2	64.7	67.0	65.7	65.5	62.9	61.3	64.3	62.1	60.0	58.2	60.7	58.6	55.1	51.0
West	60.0	62.2	64.4	63.1	65.5	67.6	65.3	63.8	62.9	63.6	66.2	64.5	66.7	65.0	59.3	51.6
Population Density:																
Large MSA	75.3	72.6	74.0	75.5	77.3	78.0	75.5	72.9	69.2	66.6	67.4	66.2	66.3	63.8	56.9	59.2
Other MSA	68.5	67.0	72.0	72.7	72.0	70.8	69.1	69.3	69.8	66.2	65.1	64.8	66.9	64.1	60.7	57.4
Non-MSA	63.2	66.5	67.8	68.4	67.3	69.0	68.9	67.6	69.0	69.0	65.9	65.2	65.5	63.8	61.7	54.4
Parental Education: ^b																
1.0-2.0 (Low)	58.7	62.5	62.0	62.7	64.6	65.9	62.1	61.3	61.2	58.1	58.7	56.1	56.3	54.5	47.8	47.2
2.5-3.0	70.0	71.4	72.5	71.9	71.1	72.0	70.7	69.4	69.2	67.4	65.9	65.3	67.0	64.6	59.7	57.2
3.5-4.0	69.2	67.9	73.5	75.0	74.6	73.3	71.5	72.7	70.4	69.6	66.9	66.7	67.2	64.3	62.9	57.7
4.5-5.0	69.6	71.3	74.5	77.0	76.0	74.4	73.1	74.5	73.1	69.3	68.9	68.0	68.8	66.0	62.1	60.8
5.5-6.0 (High)	67.3	72.5	77.1	79.2	75.9	77.2	77.4	74.1	75.0	70.3	67.9	69.9	70.5	67.3	62.2	60.8
Race (2-year average): ^c																
White	—	—	72.8	75.0	75.3	75.4	75.4	74.6	73.9	72.8	71.2	70.2	71.0	70.6	67.3	63.8
Black	—	—	49.5	48.7	47.2	47.6	46.7	46.0	47.7	45.5	42.8	42.1	39.4	39.8	39.5	35.8
Hispanic	—	—	63.0	64.5	63.8	63.6	62.0	60.3	59.1	59.7	58.1	56.3	57.2	57.8	52.9	49.1

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '†' indicates some change in the question. See relevant footnote. See relevant figure to assess the impact of the wording changes.

Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-66 (cont'd)
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993 ^a	1994 ^a	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	54.0	51.3†	48.6	50.1	51.3	50.8	52.7	52.0	51.0	50.0	49.8	48.6	47.5	48.0	47.0	45.3	-1.7
Gender:																	
Male	58.4	55.8†	54.2	55.5	55.7	54.8	56.2	57.3	55.3	54.0	54.7	52.3	51.7	51.1	50.7	47.3	-3.4 s
Female	49.0	46.8†	43.4	45.2	47.0	46.9	48.9	46.9	46.8	46.1	45.1	45.1	43.8	45.1	43.3	43.0	-0.3
College Plans:																	
None or under 4 years	57.1	54.9†	52.4	53.6	55.9	54.8	56.1	56.0	55.2	54.3	55.5	53.0	55.4	52.1	52.8	54.0	+1.2
Complete 4 years	52.7	50.0†	47.4	48.9	49.6	49.3	51.4	50.9	49.8	48.3	47.9	47.4	45.2	47.0	45.5	43.2	-2.3
Region:																	
Northeast	59.6	51.5†	56.1	53.1	55.0	56.5	56.7	56.2	57.2	58.0	54.3	50.9	51.6	53.9	54.5	52.4	-2.1
North Central	59.7	58.0†	51.6	53.8	55.3	51.5	51.5	51.9	51.1	52.3	54.5	52.1	50.8	49.5	48.0	46.3	-1.7
South	49.1	48.1†	47.7	49.2	50.6	51.1	51.1	51.4	49.5	44.9	45.9	46.8	43.0	43.5	43.9	43.2	-0.7
West	49.7	46.7†	39.8	44.2	43.2	42.1	52.7	49.2	47.8	48.3	44.9	45.0	47.0	47.3	43.6	41.3	-2.3
Population Density:																	
Large MSA	52.9	49.0†	50.6	49.5	50.6	51.6	51.1	49.1	48.9	51.2	49.7	50.3	43.0	44.1	46.6	47.6	+0.9
Other MSA	55.7	50.8†	47.1	49.2	50.6	50.1	53.4	53.9	52.8	48.8	49.6	48.8	49.6	51.7	47.6	43.9	-3.8 s
Non-MSA	52.0	54.1†	49.8	52.5	53.4	51.4	52.9	51.6	50.1	50.8	50.0	45.9	49.6	45.5	46.1	44.7	-1.5
Parental Education: ^b																	
1.0-2.0 (Low)	49.9	45.6†	36.6	43.5	45.9	41.2	43.8	43.8	46.8	43.4	42.9	42.2	43.6	42.1	38.2	44.4	+6.3 s
2.5-3.0	53.3	52.3†	49.0	49.9	52.0	48.2	51.0	50.1	50.5	50.0	49.0	47.9	47.8	46.8	47.8	46.7	-1.1
3.5-4.0	54.3	51.2†	51.2	50.1	50.6	51.4	52.1	55.6	51.1	51.3	51.4	50.9	47.9	52.4	47.8	46.3	-1.5
4.5-5.0	54.8	51.0†	49.8	52.6	51.8	53.6	55.3	52.4	50.2	48.1	51.5	48.9	47.5	47.7	50.2	42.9	-7.2 sss
5.5-6.0 (High)	58.0	55.7†	53.2	52.2	55.1	54.2	57.4	54.7	56.0	54.0	49.5	51.1	49.3	47.4	46.0	48.2	+2.2
Race (2-year average): ^c																	
White	60.0	56.8	55.6†	54.0	54.5	54.8	56.4	57.7	56.3	55.1	55.3	54.0	52.3	52.2	52.3	50.7	-1.7
Black	33.7	31.7	32.4†	33.8	35.2	36.5	34.3	33.3	32.2	30.0	29.4	30.1	29.9	29.2	29.0	29.2	+0.2
Hispanic	51.5	53.8	50.5†	45.9	48.7	47.5	48.2	49.8	50.2	51.2	48.9	47.5	46.4	45.4	43.3	43.4	+0.1

^aIn 1993, the question text was changed slightly in three of six forms to indicate that a "drink" meant "more than a few sips." The 1993 data are based on the changed forms only; N is one-half of N indicated. In 1994 the question text was changed in the remaining forms. Beginning in 1994, the data are based on all six forms. In 2004 the question text was changed slightly in half of the forms. An examination of the data did not show any effect from the wording change. The remaining forms were changed in 2005.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-67
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Eighth Graders

	Percentage who had been drunk in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	7.6	7.5	7.8	8.7	8.3	9.6	8.2	8.4	9.4	8.3	7.7	6.7	6.7	6.2	6.0	6.2	+0.2
Gender:																	
Male	8.4	7.4	7.8	9.0	8.2	9.7	8.4	8.5	10.2	8.2	7.8	7.1	6.6	5.8	5.9	6.1	+0.2
Female	7.0	7.6	7.8	8.3	8.2	9.5	7.9	8.2	8.6	8.1	7.4	6.3	6.8	6.6	6.2	6.2	0.0
College Plans:																	
None or under 4 years	15.8	17.2	18.4	20.0	17.2	19.3	18.7	21.4	22.4	18.9	18.9	15.5	17.0	16.1	15.7	15.4	-0.3
Complete 4 years	6.4	6.1	6.4	7.3	7.3	8.2	7.1	6.9	8.0	7.0	6.5	5.9	5.7	5.2	5.1	5.4	+0.3
Region:																	
Northeast	5.7	6.4	6.2	8.2	8.2	9.7	7.9	6.9	9.4	8.3	8.0	5.3	4.9	4.8	4.2	5.8	+1.6
North Central	7.7	7.6	7.3	8.3	8.3	10.2	8.2	10.4	11.6	9.7	8.2	7.0	8.1	6.8	6.2	6.3	+0.1
South	8.8	8.2	8.3	8.8	8.4	9.1	8.3	7.8	9.5	7.4	8.1	7.6	7.2	6.4	7.1	6.9	-0.2
West	7.3	6.9	9.4	9.6	8.2	9.8	8.3	8.3	6.6	8.1	6.0	5.9	6.0	6.4	5.8	5.2	-0.6
Population Density:																	
Large MSA	7.4	7.0	6.0	7.6	7.2	8.9	6.7	6.9	7.8	7.1	6.3	5.2	5.6	5.4	5.4	5.1	-0.3
Other MSA	7.3	7.4	8.4	9.7	8.9	9.9	8.6	7.5	8.4	7.2	7.9	7.3	6.8	6.5	6.1	6.4	+0.3
Non-MSA	8.4	8.2	8.8	7.9	8.6	10.0	9.2	11.7	13.3	12.0	8.9	7.3	8.1	6.5	6.9	7.5	+0.6
Parental Education: ^a																	
1.0-2.0 (Low)	13.4	11.0	10.4	12.5	13.1	11.1	11.5	13.1	14.5	14.0	12.1	10.5	13.4	10.0	9.3	9.4	+0.2
2.5-3.0	9.2	8.8	9.2	9.3	9.6	11.9	9.3	9.5	11.7	10.5	9.7	8.5	9.4	7.4	8.4	7.9	-0.6
3.5-4.0	6.9	7.6	8.5	9.3	9.4	10.4	10.2	9.1	9.9	8.0	8.7	6.7	7.1	6.8	6.7	7.1	+0.4
4.5-5.0	6.1	6.5	5.9	7.5	6.4	8.7	6.7	7.0	6.9	5.6	5.7	5.5	4.5	5.0	4.6	4.4	-0.2
5.5-6.0 (High)	6.8	4.9	6.7	7.6	6.0	7.1	5.8	6.9	8.7	7.1	4.6	4.8	4.2	4.4	3.5	4.6	+1.1
Race (2-year average): ^b																	
White	—	7.7	7.8	8.4	8.9	9.7	9.7	9.1	9.8	10.0	9.0	8.0	7.2	6.8	6.6	6.4	-0.2
Black	—	5.4	5.1	5.6	5.6	5.5	4.6	3.9	4.9	4.7	4.0	4.0	4.2	4.1	3.8	3.6	-0.1
Hispanic	—	9.9	9.9	10.8	10.8	10.8	10.4	9.8	9.9	8.5	7.8	8.4	8.5	8.1	7.0	7.2	+0.2

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-68
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Tenth Graders

	Percentage who had been drunk in last thirty days																'05-'06
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>change</u>
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	20.5	18.1	19.8	20.3	20.8	21.3	22.4	21.1	22.5	23.5	21.9	18.3	18.2	18.5	17.6	18.8	+1.2
Gender:																	
Male	22.3	18.6	21.4	23.2	21.9	23.0	24.6	22.3	25.4	26.2	24.2	19.3	18.8	20.2	18.2	19.1	+0.9
Female	18.7	17.5	18.1	17.2	19.6	19.8	20.2	19.9	19.8	20.9	19.7	17.4	17.7	17.0	16.8	18.4	+1.6
College Plans:																	
None or under 4 years	29.5	26.3	29.0	31.1	31.4	32.0	35.5	33.5	34.6	35.1	34.8	27.4	27.4	27.5	27.8	29.0	+1.2
Complete 4 years	18.6	16.4	17.9	18.0	19.0	19.7	20.3	19.1	20.7	21.8	19.8	16.8	16.9	17.4	16.3	17.5	+1.2
Region:																	
Northeast	23.9	18.8	20.0	19.0	19.5	22.4	21.9	23.1	25.8	22.8	19.9	18.1	20.3	22.4	20.5	20.4	-0.2
North Central	21.8	18.9	20.1	21.0	22.6	22.0	23.3	21.8	26.0	27.6	24.0	18.7	18.8	16.6	17.4	19.8	+2.4
South	19.2	16.8	19.8	20.9	20.9	21.4	22.0	21.9	20.3	21.4	21.5	17.5	17.6	18.7	17.2	17.6	+0.4
West	18.2	18.3	19.0	19.5	19.5	19.3	22.6	17.0	19.0	22.4	21.2	19.5	16.5	16.7	15.2	17.9	+2.8
Population Density:																	
Large MSA	20.6	17.6	17.6	16.1	18.2	19.6	20.7	17.2	21.6	23.4	19.5	16.5	15.7	15.1	16.2	17.7	+1.5
Other MSA	20.1	17.3	18.2	21.7	21.8	21.9	21.8	21.2	22.7	22.5	21.6	18.0	18.6	20.5	18.3	19.0	+0.7
Non-MSA	21.1	19.9	24.7	21.8	21.8	22.4	25.5	25.4	23.4	25.4	25.3	21.4	21.4	19.0	17.8	20.0	+2.2
Parental Education: ^a																	
1.0-2.0 (Low)	20.9	18.2	22.2	20.0	23.4	22.1	19.7	20.1	21.8	21.3	22.0	17.3	19.0	17.7	15.8	18.4	+2.6
2.5-3.0	22.5	18.5	21.4	21.2	22.9	23.4	22.5	23.3	23.4	24.5	22.6	19.9	18.9	21.0	19.4	21.6	+2.2
3.5-4.0	20.4	19.4	19.4	22.1	21.4	22.1	24.1	21.3	23.3	24.5	22.8	19.5	19.3	18.9	17.5	19.9	+2.4 s
4.5-5.0	19.7	17.1	18.2	18.7	19.7	19.5	22.3	20.2	21.7	24.1	21.4	17.4	17.5	17.3	17.5	17.4	-0.1
5.5-6.0 (High)	20.6	18.5	18.6	17.9	17.9	22.3	22.4	20.4	24.0	23.1	21.5	16.8	17.7	19.3	17.0	17.6	+0.6
Race (2-year average): ^b																	
White	—	21.6	20.8	22.0	22.7	23.7	25.0	25.5	25.7	26.7	25.8	23.2	21.9	21.7	21.0	20.9	0.0
Black	—	9.4	10.3	10.1	9.8	8.5	8.6	8.8	7.6	8.6	9.5	8.6	8.0	8.3	8.0	7.8	-0.2
Hispanic	—	16.2	15.9	17.0	18.6	20.1	19.5	18.0	17.8	18.0	18.7	17.4	15.7	17.0	17.3	16.6	-0.7

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-69
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Twelfth Graders

	Percentage who had been drunk in last thirty days																		'05-'06 change
	1975-79	1980-90	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	Class of:																		
Approx. N =	—	—	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	—	31.6	29.9	28.9	30.8	33.2	31.3	34.2	32.9	32.9	32.3	32.7	30.3	30.9	32.5	30.2	30.0	-0.1
Gender:																			
Male	—	—	37.1	35.2	34.5	34.5	37.8	35.4	39.2	39.0	37.9	38.4	37.0	34.3	34.9	36.0	33.6	32.9	-0.7
Female	—	—	25.4	24.5	23.5	26.8	28.8	27.3	29.1	26.6	27.7	26.7	28.4	26.9	26.9	29.0	26.4	26.3	-0.1
College Plans:																			
None or under 4 years	—	—	32.2	31.4	32.6	32.2	37.6	31.4	38.1	33.7	36.1	35.0	36.3	31.7	37.6	34.7	34.3	37.2	+3.0
Complete 4 years	—	—	30.9	29.2	27.4	29.4	31.4	31.0	32.3	32.0	31.7	30.6	31.3	29.3	28.7	31.2	28.5	27.6	-0.9
Region:																			
Northeast	—	—	36.4	30.0	35.0	35.2	35.5	37.2	35.9	35.6	37.5	39.3	33.9	33.6	35.4	38.1	38.7	37.9	-0.8
North Central	—	—	37.2	38.2	32.5	34.1	38.2	31.5	33.7	34.8	33.4	34.8	39.2	35.0	34.9	34.2	31.3	32.2	+0.9
South	—	—	26.5	25.2	26.4	29.1	31.2	31.0	34.5	30.1	30.8	26.5	28.8	28.4	25.9	29.3	26.9	27.4	+0.5
West	—	—	28.5	26.6	23.2	25.4	27.1	24.7	32.7	33.5	32.2	32.8	28.8	25.0	30.1	29.5	26.5	25.2	-1.3
Population Density:																			
Large MSA	—	—	30.4	26.1	29.4	28.7	32.0	31.5	31.5	32.2	29.2	30.5	30.6	32.9	25.4	27.4	28.2	30.4	+2.2
Other MSA	—	—	33.5	29.8	26.9	29.9	31.7	33.0	33.7	34.0	35.4	34.5	31.7	29.1	33.5	37.3	31.5	29.0	-2.5
Non-MSA	—	—	29.4	33.7	32.0	34.4	36.9	28.2	38.2	31.4	32.5	30.5	36.7	29.2	33.2	29.1	29.9	31.4	+1.5
Parental Education: ^a																			
1.0-2.0 (Low)	—	—	20.4	20.5	23.6	25.7	25.4	18.8	23.7	24.6	20.8	28.4	22.2	20.0	25.6	25.5	22.0	27.7	+5.7
2.5-3.0	—	—	30.2	30.0	26.4	30.3	30.0	27.4	31.5	28.0	30.5	33.1	32.2	27.0	28.7	32.3	29.9	29.5	-0.4
3.5-4.0	—	—	31.0	31.3	29.2	29.9	34.4	31.1	32.7	34.1	34.0	31.2	32.0	32.4	30.6	35.1	31.3	31.0	-0.3
4.5-5.0	—	—	34.4	29.4	32.8	33.5	36.5	35.8	37.7	36.0	32.8	31.9	36.1	31.0	33.3	33.7	31.3	29.7	-1.6
5.5-6.0 (High)	—	—	40.5	34.3	30.4	30.7	34.9	34.6	39.8	39.9	40.6	35.5	33.6	34.5	33.4	32.6	32.2	30.1	-2.1
Race (2-year average): ^b																			
White	—	—	—	34.7	33.6	34.0	36.4	36.6	37.7	39.3	37.8	37.0	37.7	36.6	35.6	36.4	36.5	35.2	-1.3
Black	—	—	—	11.0	12.5	14.1	13.2	13.0	13.8	13.8	14.9	14.9	12.0	12.1	11.7	14.3	15.4	13.5	-1.9
Hispanic	—	—	—	27.2	24.8	23.0	24.2	26.2	26.9	25.9	27.5	29.8	25.5	23.5	23.9	24.1	22.2	23.1	+1.0

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on two of six forms; N is two-sixths of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-70

Alcohol: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Eighth Graders

	Percentage reporting 5+ drinks in a row on one or more occasions																'05-'06
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	change
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	12.9	13.4	13.5	14.5	14.5	15.6	14.5	13.7	15.2	14.1	13.2	12.4	11.9	11.4	10.5	10.9	+0.4
Gender:																	
Male	14.3	13.9	14.8	16.0	15.1	16.5	15.3	14.4	16.4	14.4	13.7	12.5	12.2	10.8	10.2	10.5	+0.4
Female	11.4	12.8	12.3	13.0	13.9	14.5	13.5	12.7	13.9	13.6	12.4	12.1	11.6	11.8	10.6	10.8	+0.3
College Plans:																	
None or under 4 years	24.4	26.4	29.3	29.3	29.2	29.9	30.3	30.5	33.9	29.3	29.6	28.1	27.7	25.1	25.1	22.7	-2.4
Complete 4 years	11.1	11.5	11.3	12.5	12.7	13.3	12.5	11.6	13.0	12.3	11.2	10.9	10.2	10.0	8.9	9.6	+0.7
Region:																	
Northeast	10.3	10.7	10.0	12.6	12.6	15.1	13.0	11.3	14.5	13.8	12.6	10.0	9.4	9.8	7.4	9.9	+2.5
North Central	13.4	14.2	12.8	13.7	14.2	16.0	14.2	14.4	17.4	15.6	12.5	12.1	12.9	12.5	11.2	10.8	-0.4
South	14.1	14.8	15.5	14.9	15.7	15.8	15.3	14.2	15.7	13.7	15.3	14.0	13.0	11.6	12.2	12.3	+0.2
West	12.3	12.8	15.0	16.5	14.4	15.3	14.6	13.9	12.2	13.3	11.0	12.1	11.0	11.5	9.5	9.3	-0.1
Population Density:																	
Large MSA	12.4	12.5	10.6	12.3	12.3	14.5	13.7	12.2	13.1	12.8	11.1	10.8	11.2	10.6	9.8	10.4	+0.5
Other MSA	12.4	14.0	14.5	15.7	14.2	15.7	14.0	13.0	14.2	12.8	13.2	12.6	10.8	11.3	10.2	10.6	+0.4
Non-MSA	14.4	13.5	15.5	14.4	17.8	16.9	16.4	16.6	19.7	18.5	15.9	13.9	15.1	12.8	11.8	12.3	+0.5
Parental Education: ^a																	
1.0-2.0 (Low)	21.8	21.8	19.7	20.4	23.2	20.1	22.5	20.0	23.7	22.5	21.0	19.5	20.1	19.2	17.4	17.2	-0.1
2.5-3.0	15.1	16.0	15.6	17.1	17.8	18.4	16.2	16.4	19.6	18.7	16.6	15.2	15.7	14.9	13.6	13.0	-0.6
3.5-4.0	12.8	13.0	13.9	14.8	15.0	15.9	15.8	14.5	16.1	13.2	13.9	13.2	12.9	11.6	11.7	12.2	+0.5
4.5-5.0	10.2	10.3	10.3	11.8	11.0	13.1	11.7	10.9	11.0	10.0	9.8	9.8	8.4	9.5	7.7	8.2	+0.4
5.5-6.0 (High)	9.8	9.5	10.1	11.2	10.5	12.1	10.6	10.7	11.21	11.0	8.1	8.8	8.3	7.2	6.0	7.4	+1.4
Race (2-year average): ^b																	
White	—	12.7	12.6	12.9	13.9	15.1	15.1	14.1	14.3	14.9	13.8	12.7	11.8	11.3	10.8	10.2	-0.6
Black	—	9.6	10.7	11.8	10.8	10.4	9.8	9.0	9.9	10.0	9.0	9.4	10.4	9.8	8.2	8.0	-0.3
Hispanic	—	20.4	21.4	22.3	22.0	21.0	20.7	20.4	20.9	19.1	17.6	17.8	16.6	16.1	14.8	14.5	-0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-71

Alcohol: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Tenth Graders

		Percentage reporting 5+ drinks in a row on one or more occasions																
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	'05-'06 change
<i>Approx. N =</i>		14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total		22.9	21.1	23.0	23.6	24.0	24.8	25.1	24.3	25.6	26.2	24.9	22.4	22.2	22.0	21.0	21.9	+0.9
Gender:																		
Male		26.4	23.7	26.5	28.5	26.3	27.2	28.6	26.7	29.7	29.8	28.6	23.8	23.2	23.8	22.0	22.9	+0.9
Female		19.5	18.6	19.3	18.7	21.5	22.3	21.7	22.2	21.8	22.5	21.4	21.0	21.2	20.2	19.9	20.9	+1.0
College Plans:																		
None or under 4 years		33.0	31.8	35.1	36.4	37.5	38.2	39.4	38.2	39.3	39.3	40.2	34.3	34.2	32.9	34.0	33.0	-1.0
Complete 4 years		20.8	18.9	20.5	20.8	21.5	22.5	22.7	22.0	23.4	24.2	22.4	20.4	20.3	20.4	19.3	20.5	+1.2
Region:																		
Northeast		25.1	19.9	23.2	21.3	22.1	23.8	23.4	25.6	28.1	25.4	22.7	21.4	23.3	25.5	22.7	22.8	+0.1
North Central		23.7	21.3	23.5	24.8	25.3	25.3	24.0	24.2	27.1	28.3	26.7	22.1	22.0	18.3	20.7	22.3	+1.6
South		22.7	21.5	22.6	24.6	24.5	25.6	25.6	25.2	24.2	24.9	24.2	21.8	21.5	22.4	20.7	21.1	+0.4
West		20.7	21.7	22.5	22.5	23.1	23.6	27.9	21.8	23.8	26.5	25.7	24.9	22.2	22.6	20.2	21.9	+1.7
Population Density:																		
Large MSA		21.6	19.3	20.9	19.0	20.2	22.2	22.5	20.0	24.3	25.7	22.6	19.4	19.7	19.6	19.5	21.0	+1.5
Other MSA		22.1	20.0	21.2	24.4	24.1	24.9	24.8	24.0	24.6	25.4	23.9	22.7	22.1	23.4	21.2	21.4	+0.2
Non-MSA		25.5	25.2	28.1	26.8	28.1	27.6	28.9	30.1	29.3	28.2	29.5	26.2	26.2	22.2	22.7	24.6	+1.9
Parental Education: ^a																		
1.0-2.0 (Low)		25.7	25.6	26.8	25.5	30.5	27.2	25.5	26.5	28.4	27.5	26.3	26.7	27.2	27.1	24.1	22.7	-1.4
2.5-3.0		26.0	22.4	25.7	25.7	26.7	27.8	26.1	27.9	28.7	29.4	27.4	25.1	24.3	24.4	23.6	25.4	+1.8
3.5-4.0		21.7	21.3	22.8	24.7	24.6	25.4	26.5	24.8	25.6	26.1	25.6	22.7	22.6	22.6	21.0	22.9	+1.9
4.5-5.0		20.8	19.7	19.9	21.7	21.6	22.0	23.1	21.5	23.3	25.0	23.4	19.1	19.6	19.7	19.4	19.8	+0.3
5.5-6.0 (High)		22.4	19.5	20.4	19.3	19.0	24.0	24.0	21.5	24.9	24.6	23.1	20.6	19.9	20.4	19.4	20.3	+0.8
Race (2-year average): ^b																		
White		—	23.2	23.0	24.5	25.4	26.2	26.9	27.0	27.2	28.1	27.4	25.5	24.5	24.0	23.5	23.4	-0.1
Black		—	15.0	14.8	14.0	13.3	12.2	12.7	12.8	12.7	12.9	12.6	12.4	12.1	11.6	11.0	11.2	+0.2
Hispanic		—	22.9	23.8	24.2	26.8	29.6	27.5	26.3	27.5	28.3	27.7	26.5	26.1	26.9	26.0	24.6	-1.5

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-72

Alcohol: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

		Percentage reporting 5+ drinks in a row on one or more occasions															
		Class of:															
Approx. N =		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
		9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total		36.8	37.1	39.4	40.3	41.2	41.2	41.4	40.5	40.8	38.7	36.7	36.8	37.5	34.7	33.0	32.2
Gender:																	
Male		49.0	47.9	50.0	51.4	51.9	52.1	51.6	49.8	50.4	47.5	45.3	46.1	46.1	43.0	41.2	39.1
Female		26.4	25.9	29.3	29.6	30.9	30.5	30.8	31.1	31.0	29.6	28.2	28.1	29.2	26.5	24.9	24.4
College Plans:																	
None or under 4 years		—	41.8	44.7	44.3	44.5	46.3	46.7	45.7	44.9	43.5	41.6	41.3	42.7	38.5	38.2	35.8
Complete 4 years		—	31.5	33.9	35.9	37.7	36.9	37.4	36.5	37.2	34.6	33.0	34.1	35.0	32.8	30.5	30.3
Region:																	
Northeast		43.0	40.8	40.0	43.5	47.4	48.0	49.3	43.3	42.2	42.9	42.4	37.1	37.2	34.3	33.3	37.2
North Central		40.6	42.8	44.5	45.3	44.8	45.4	44.9	47.9	47.2	44.3	39.7	42.6	43.5	39.9	40.4	37.9
South		32.1	30.8	36.3	36.4	36.7	34.4	34.7	34.6	37.6	33.5	29.7	31.7	33.4	30.4	28.5	27.2
West		29.0	32.8	34.2	33.3	34.0	36.0	35.6	32.5	33.3	34.5	36.1	35.9	36.6	35.4	30.8	26.3
Population Density:																	
Large MSA		37.9	37.0	38.1	39.5	42.2	44.8	43.4	40.9	38.8	37.9	37.6	36.4	34.8	32.5	28.8	34.5
Other MSA		36.1	36.8	39.5	40.1	40.8	38.9	39.5	39.7	41.0	37.3	35.4	35.5	38.6	35.3	33.7	31.8
Non-MSA		36.9	38.0	40.5	41.3	40.9	41.4	42.2	41.3	42.0	41.2	37.6	39.1	38.3	35.9	35.8	30.6
Parental Education: ^a																	
1.0-2.0 (Low)		31.6	34.1	35.6	36.3	36.0	37.0	37.0	35.3	37.2	34.8	31.8	31.7	33.9	30.7	25.4	25.3
2.5-3.0		37.5	41.1	41.8	40.9	42.3	43.3	43.2	41.4	41.2	39.8	38.2	37.9	38.9	35.7	34.0	32.7
3.5-4.0		35.1	36.4	39.5	41.3	41.4	42.1	42.4	42.4	40.9	39.3	36.9	37.9	38.3	34.7	34.3	32.0
4.5-5.0		34.4	36.9	37.2	42.4	43.8	40.8	40.8	41.9	41.9	38.6	37.1	37.1	37.2	35.1	34.2	34.5
5.5-6.0 (High)		29.9	34.5	41.1	37.2	41.9	38.5	39.3	40.9	42.1	38.2	34.9	36.7	37.2	34.7	31.8	34.1
Race (2-year average): ^b																	
White		—	—	40.5	42.4	43.5	44.3	44.9	44.9	44.5	43.6	41.5	40.3	40.9	40.0	37.9	36.6
Black		—	—	19.0	19.3	18.9	17.7	17.1	17.1	18.3	17.2	15.7	16.4	15.8	15.2	15.7	14.4
Hispanic		—	—	36.4	37.2	33.6	33.1	34.8	32.9	32.5	33.0	31.7	30.8	33.0	33.7	28.8	25.6



Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-72 (cont'd)
Alcohol: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

	Percentage reporting 5+ drinks in a row on one or more occasions																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005 ^c	2006 ^c	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	29.8	27.9	27.5	28.2	29.8	30.2	31.3	31.5	30.8	30.0	29.7	28.6	27.9	29.2	27.1	25.4	-1.6
Gender:																	
Male	37.8	35.6	34.6	37.0	36.9	37.0	37.9	39.2	38.1	36.7	36.0	34.2	34.2	34.3	32.6	28.9	-3.7 ss
Female	21.2	20.3	20.7	20.2	23.0	23.5	24.4	24.0	23.6	23.5	23.7	23.0	22.1	24.2	21.6	21.5	-0.1
College Plans:																	
None or under 4 years	34.4	32.8	32.7	34.0	35.2	33.9	36.2	36.3	35.4	35.7	35.9	34.0	34.5	34.6	34.3	32.3	-2.0
Complete 4 years	27.9	26.0	25.8	26.3	27.8	28.8	29.5	30.0	29.5	27.6	27.8	27.2	25.9	27.6	25.1	23.7	-1.4
Region:																	
Northeast	33.4	25.8	30.3	29.2	31.2	33.7	33.5	33.5	33.7	35.1	31.8	30.7	30.9	33.2	32.2	30.9	-1.2
North Central	34.6	34.6	30.1	31.9	34.3	31.5	31.6	32.6	31.6	33.9	34.5	33.4	32.5	30.2	29.1	26.5	-2.6
South	26.3	24.7	27.1	26.9	28.6	30.2	30.6	30.7	30.0	24.9	26.6	26.8	23.7	26.1	24.2	23.9	-0.3
West	26.3	26.0	22.0	24.5	24.2	24.0	29.6	29.5	28.6	29.3	26.0	23.9	26.5	28.6	24.5	22.0	-2.5
Population Density:																	
Large MSA	28.6	25.5	27.6	26.8	28.3	29.8	29.9	27.9	27.1	29.7	29.0	29.9	23.3	25.5	26.5	26.6	+0.1
Other MSA	30.1	27.0	26.5	27.1	28.4	30.3	31.1	33.1	32.2	29.3	29.0	28.0	29.8	31.9	27.4	25.0	-2.4
Non-MSA	30.4	31.9	29.2	31.5	34.0	30.5	33.2	32.4	32.4	31.7	31.9	28.2	30.5	28.2	27.0	24.5	-2.5
Parental Education: ^a																	
1.0-2.0 (Low)	26.8	23.4	21.9	24.0	26.6	24.8	22.6	26.3	27.4	25.1	24.8	22.2	23.5	22.9	19.4	25.4	+6.0 s
2.5-3.0	29.9	28.1	27.6	28.5	31.2	28.6	30.4	30.3	30.8	29.2	30.2	28.5	27.6	28.8	28.3	25.8	-2.5
3.5-4.0	30.4	27.9	28.4	28.4	29.5	29.8	31.0	33.2	30.5	30.5	30.3	28.6	28.4	30.9	27.6	26.5	-1.1
4.5-5.0	29.9	28.1	28.4	29.3	29.9	32.4	32.4	32.3	30.6	29.9	30.9	30.9	28.6	30.5	29.4	24.0	-5.3 sss
5.5-6.0 (High)	30.6	30.4	29.0	29.0	30.7	33.1	34.9	32.4	34.2	32.7	28.6	30.6	28.7	27.8	25.2	26.3	+1.1
Race (2-year average): ^b																	
White	34.6	32.1	31.3	31.5	32.3	33.4	35.1	36.4	35.7	34.6	34.5	33.7	32.4	32.5	32.5	30.4	-2.1
Black	11.7	11.3	12.6	14.4	14.9	15.3	13.4	12.3	12.3	11.5	11.8	11.5	10.8	11.4	11.3	11.4	+0.1
Hispanic	27.9	31.1	27.2	24.3	26.6	27.1	27.6	28.1	29.3	31.0	28.4	26.4	25.9	26.0	23.9	23.3	-0.6

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

^cDue to a coding error, previous versions of this table contained slightly incorrect values for 2005 and 2006.

TABLE D-73
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	16.2	16.9	17.4	18.3	18.8	18.4	16.7	16.2	16.6	15.2	15.0	12.3	12.0	14.4	12.8	12.5	-0.2
Gender:																	
Male	19.1	18.6	19.1	21.2	20.4	19.9	18.6	17.7	19.4	16.8	16.5	12.2	12.4	14.0	12.9	13.0	+0.1
Female	13.5	15.3	16.1	16.0	17.0	17.1	14.6	14.7	14.1	13.5	13.6	12.2	11.4	14.6	12.9	11.9	-0.9
College Plans:																	
None or under 4 years	26.4	27.7	32.2	32.8	36.0	33.0	33.9	32.6	35.5	29.6	32.9	27.4	28.7	26.4	26.3	24.7	-1.7
Complete 4 years	14.6	15.4	15.6	16.6	16.8	16.3	14.6	14.4	14.3	13.8	12.9	11.1	10.2	13.1	11.5	11.4	-0.1
Region:																	
Northeast	14.0	14.0	14.9	18.6	19.3	21.7	18.4	14.7	18.5	14.2	18.7	10.8	12.3	15.1	11.4	11.4	0.0
North Central	16.4	18.0	16.7	18.0	17.4	19.3	16.8	18.4	17.5	17.0	13.2	10.2	14.0	15.9	11.4	13.2	+1.9
South	17.8	18.5	19.1	18.2	20.1	16.6	15.5	16.1	17.2	14.2	14.3	14.0	11.4	14.4	15.0	13.3	-1.6
West	14.9	15.1	18.0	18.8	17.6	17.8	17.2	15.1	12.6	15.7	15.3	13.9	10.3	12.2	11.4	11.4	0.0
Population Density:																	
Large MSA	15.0	18.7	15.1	15.2	12.0	16.2	15.0	13.8	14.3	14.0	12.0	11.5	11.0	14.2	11.4	11.9	+0.4
Other MSA	16.1	16.8	17.6	19.4	19.1	19.6	15.9	14.3	16.5	14.1	15.5	12.4	11.9	13.9	13.6	12.1	-1.4
Non-MSA	17.8	15.4	19.8	18.3	21.8	18.8	19.6	22.7	19.4	18.8	17.2	13.2	13.5	15.6	13.1	14.3	+1.2
Parental Education: ^a																	
1.0-2.0 (Low)	22.0	22.5	21.5	24.4	23.9	19.7	21.6	21.9	25.4	23.2	21.3	24.1	17.1	23.7	22.6	17.3	-5.3
2.5-3.0	18.2	18.4	19.5	19.7	22.8	21.3	21.2	17.4	19.7	20.7	18.4	14.8	15.1	17.8	15.8	16.8	+1.0
3.5-4.0	15.7	18.0	19.4	19.7	19.6	20.2	18.5	17.9	16.9	13.5	18.1	13.5	14.3	15.0	13.9	13.6	-0.2
4.5-5.0	14.4	13.4	14.9	15.3	15.6	17.8	12.7	12.6	12.3	12.0	10.0	8.4	7.4	11.9	11.2	9.4	-1.8
5.5-6.0 (High)	13.5	14.6	14.4	17.2	14.2	13.2	14.1	17.0	16.0	11.4	9.7	10.3	10.2	13.3	6.7	9.3	+2.6
Race (2-year average): ^b																	
White	—	16.7	17.6	17.9	19.0	19.7	18.8	17.4	17.4	16.8	15.5	13.5	12.0	13.5	14.0	12.7	-1.3
Black	—	12.6	13.0	15.8	14.5	11.1	9.7	8.1	9.7	9.7	7.9	7.2	7.5	8.1	7.6	8.5	+0.9
Hispanic	—	23.9	24.2	22.2	23.3	23.7	21.8	19.9	19.5	19.8	20.7	21.8	19.6	18.4	18.3	17.1	-1.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991–96; N is one-half of N indicated in Table D-106. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-106.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-74
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	31.1	28.9	28.7	30.2	29.9	30.5	30.4	28.3	29.5	30.6	28.0	24.6	23.2	26.5	24.8	26.8	+2.0
Gender:																	
Male	37.6	33.1	33.3	37.3	33.5	34.7	34.1	32.5	35.4	35.4	33.7	28.7	27.9	30.7	26.5	29.2	+2.7
Female	25.2	25.1	24.2	23.3	26.2	26.7	27.1	24.3	23.8	25.6	22.9	20.9	19.3	22.3	23.1	24.0	+1.0
College Plans:																	
None or under 4 years	39.4	37.5	37.4	41.4	41.9	44.8	43.8	40.5	43.7	42.7	42.3	37.2	30.3	36.4	36.4	39.2	+2.7
Complete 4 years	29.4	27.2	26.9	28.0	27.8	28.1	28.2	26.1	27.0	28.6	25.9	22.7	22.2	25.1	23.2	25.2	+2.0
Region:																	
Northeast	37.1	29.4	32.0	31.9	31.7	33.1	33.2	31.0	34.7	31.7	27.0	23.8	25.6	30.4	25.2	31.4	+6.2 s
North Central	31.7	29.4	29.1	31.6	31.1	30.4	30.1	27.8	29.8	33.1	29.0	25.6	23.3	22.1	26.2	25.5	-0.7
South	29.4	28.4	26.6	29.5	29.4	30.6	28.5	27.2	27.8	27.1	26.6	22.6	21.9	27.2	23.6	25.0	+1.4
West	28.4	28.8	28.7	27.5	27.3	28.1	31.1	28.1	26.6	32.6	30.6	27.6	22.6	27.0	24.4	27.2	+2.8
Population Density:																	
Large MSA	31.0	30.1	28.8	28.9	23.9	28.9	28.8	24.3	29.3	30.1	25.5	22.5	21.6	23.4	21.8	25.5	+3.8
Other MSA	28.9	27.4	26.4	30.8	30.3	30.1	31.2	28.9	29.4	29.8	26.2	24.7	22.9	27.0	25.2	27.5	+2.2
Non-MSA	35.2	30.8	32.8	30.0	32.2	33.0	30.5	31.4	30.0	32.7	34.4	27.1	26.1	29.3	27.9	27.3	-0.6
Parental Education: ^a																	
1.0-2.0 (Low)	33.5	27.7	33.3	30.0	34.0	28.9	28.6	29.3	26.5	26.7	26.7	22.4	26.3	28.7	28.9	27.8	-1.1
2.5-3.0	32.0	30.3	28.4	31.1	33.0	31.1	30.3	30.9	32.3	30.8	27.2	28.6	24.1	30.3	29.1	30.7	+1.6
3.5-4.0	31.4	29.9	29.0	31.3	30.1	30.9	31.3	30.0	29.5	32.3	29.0	25.1	24.3	26.2	23.8	28.4	+4.6 s
4.5-5.0	29.9	27.7	28.0	30.3	28.5	29.0	31.4	25.0	27.4	32.4	27.7	22.7	21.9	26.4	24.4	23.4	-1.1
5.5-6.0 (High)	30.7	27.4	28.1	27.1	26.5	33.7	30.7	26.5	31.1	28.7	30.4	21.9	21.0	24.2	21.7	26.0	+4.4 s
Race (2-year average): ^b																	
White	—	31.7	30.2	31.1	32.1	32.5	32.4	31.9	32.2	33.1	31.7	28.7	27.0	27.5	28.2	28.4	+0.2
Black	—	20.9	20.3	19.0	18.8	15.9	15.6	13.1	10.0	13.5	14.8	11.6	10.2	11.3	12.5	11.9	-0.6
Hispanic	—	32.2	29.6	29.3	31.2	31.9	31.3	29.8	28.3	28.9	30.7	28.6	25.1	27.8	31.3	30.7	-0.6

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991-96; N is one-half of N indicated in Table D-107. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-75
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	—	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	—	59.8	62.1	62.3	63.7	62.9	62.7	60.3	61.7	59.5	56.7	55.5	56.2	53.3	51.4	47.2
Gender:																
Male	—	68.6	73.1	73.0	74.0	74.3	71.4	68.3	69.7	67.4	64.5	64.3	64.9	61.8	59.7	55.7
Female	—	51.3	52.8	52.7	54.5	52.4	53.9	52.7	54.0	51.8	49.4	47.9	48.1	46.3	43.4	38.0
College Plans:																
None or under 4 years	—	62.1	64.6	65.2	65.7	68.3	65.0	64.6	62.4	62.7	59.8	54.2	58.2	57.3	55.5	46.5
Complete 4 years	—	57.6	60.3	59.5	61.6	58.4	61.0	57.4	61.1	57.4	55.1	55.7	55.1	51.8	49.4	47.5
Region:																
Northeast	—	64.9	65.9	64.7	71.9	67.6	67.1	65.7	68.3	62.6	64.4	51.5	56.8	54.8	54.2	52.7
North Central	—	65.4	66.9	68.3	66.1	64.9	67.5	66.1	66.6	66.8	57.4	66.3	61.4	59.8	58.5	50.3
South	—	53.2	55.3	58.4	59.2	60.3	57.5	53.0	56.5	53.7	51.0	48.6	52.1	47.6	46.1	42.0
West	—	52.8	59.4	54.2	56.1	57.7	56.9	52.8	53.8	55.3	56.4	54.4	54.8	52.7	48.5	45.4
Population Density:																
Large MSA	—	62.5	64.2	62.8	65.3	67.7	63.8	63.3	63.1	58.8	56.0	55.1	56.9	52.6	50.1	52.3
Other MSA	—	58.6	62.0	62.4	62.3	62.1	61.9	58.6	59.4	56.6	56.8	55.1	56.4	53.0	51.6	47.3
Non-MSA	—	59.3	60.7	61.7	64.4	60.5	63.0	60.0	63.6	63.7	57.3	56.3	55.4	54.3	52.1	42.4
Parental Education: ^a																
1.0-2.0 (Low)	—	58.5	48.3	54.6	52.9	55.9	54.7	56.8	58.8	51.1	52.2	46.8	55.8	47.1	45.3	42.2
2.5-3.0	—	62.7	64.8	63.6	64.5	66.1	65.4	58.5	59.8	62.4	56.8	54.6	53.6	51.9	52.4	47.5
3.5-4.0	—	58.4	66.0	62.7	67.1	64.4	64.0	63.9	62.3	61.2	57.9	56.0	56.0	51.5	52.2	45.8
4.5-5.0	—	62.6	64.4	64.7	68.4	58.4	60.1	60.0	66.2	61.9	60.5	57.6	59.9	58.2	51.4	49.3
5.5-6.0 (High)	—	64.1	69.3	68.3	63.6	69.3	68.9	68.3	65.9	54.2	55.4	62.5	57.7	57.4	53.2	53.4
Race (2-year average): ^b																
White	—	—	63.8	65.2	65.9	66.3	66.3	65.4	64.6	64.6	62.2	59.9	59.6	59.1	57.0	54.1
Black	—	—	38.7	36.4	37.4	38.7	38.8	37.2	39.2	36.9	33.1	32.7	28.6	30.3	32.6	28.4
Hispanic	—	—	52.7	54.3	52.3	52.5	47.7	47.5	43.4	40.7	46.5	50.9	55.4	49.2	40.4	36.6

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of five forms in 1976–88; N is

one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

TABLE D-75 (cont'd)
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	47.2	42.0	43.4	42.6	44.9	46.9	44.4	45.6	42.7	42.7	41.5	39.7	37.8	38.3	38.0	35.5	-2.4
Gender:																	
Male	55.3	50.1	50.0	51.2	53.0	53.5	49.7	55.0	48.2	51.7	50.9	44.3	44.5	44.1	47.3	39.7	-7.7 ss
Female	39.3	34.6	37.2	35.6	37.4	40.2	39.9	37.0	36.9	33.9	32.1	34.4	31.7	32.1	30.4	31.1	+0.7
College Plans:																	
None or under 4 years	52.4	48.8	48.2	47.1	50.1	46.2	44.6	49.6	47.5	42.4	54.1	45.7	39.4	44.0	45.1	46.2	+1.1
Complete 4 years	45.2	39.9	41.5	41.6	42.8	47.0	44.4	44.4	41.7	42.4	38.4	37.9	37.2	36.6	36.6	33.4	-3.2
Region:																	
Northeast	49.5	40.8	47.0	43.3	47.0	56.9	47.5	52.6	54.3	48.9	47.2	43.4	41.9	42.6	41.3	42.9	+1.5
North Central	53.5	49.1	46.3	48.0	49.7	48.1	43.3	44.6	45.4	47.6	48.1	42.9	43.1	41.4	40.5	35.8	-4.7
South	41.1	39.5	43.0	40.4	43.8	44.4	43.3	43.2	36.6	35.1	33.6	35.1	32.0	34.2	33.8	34.2	+0.4
West	46.0	36.7	37.0	38.2	37.8	38.8	44.5	45.5	40.2	43.5	39.9	39.8	36.9	36.1	38.8	31.3	-7.5 ss
Population Density:																	
Large MSA	44.4	42.3	44.0	42.8	45.9	49.1	45.5	42.1	39.9	45.2	38.0	40.5	36.3	34.2	37.9	35.1	-2.8
Other MSA	47.6	40.3	42.0	39.4	43.7	46.9	45.0	47.6	42.8	40.7	42.6	38.8	38.9	38.9	38.4	37.2	-1.2
Non-MSA	48.8	45.1	45.3	47.6	46.0	45.3	41.9	45.6	45.4	43.2	43.3	40.5	37.5	41.4	37.1	33.0	-4.1
Parental Education: ^a																	
1.0-2.0 (Low)	48.1	36.6	41.1	37.0	43.1	31.2	30.4	37.0	35.4	37.2	39.1	41.6	30.9	34.1	32.9	27.5	-5.4
2.5-3.0	46.7	41.4	43.7	44.4	44.0	42.4	41.5	42.8	43.0	37.4	48.0	36.6	36.2	38.0	35.8	38.1	+2.3
3.5-4.0	48.4	40.7	44.4	42.2	42.8	48.2	46.3	48.9	42.5	45.1	35.8	40.9	39.9	43.0	38.4	35.7	-2.7
4.5-5.0	46.4	43.8	41.9	41.1	47.1	47.1	47.7	48.9	40.0	43.9	43.6	39.9	38.4	36.1	42.4	35.3	-7.1
5.5-6.0 (High)	46.1	47.0	47.7	46.6	49.6	58.0	49.9	44.5	51.8	52.0	42.3	45.2	41.4	38.7	37.6	38.4	+0.8
Race (2-year average): ^b																	
White	51.6	48.3	46.0	46.5	47.8	50.1	50.7	49.9	47.7	45.8	46.7	45.4	43.1	42.1	42.3	41.8	-0.5
Black	25.3	24.2	28.0	29.9	25.6	28.4	25.5	22.8	22.3	21.7	20.6	16.9	14.0	15.7	18.0	14.8	-3.2
Hispanic	40.3	44.7	39.8	40.5	41.7	41.3	39.8	39.0	43.6	45.3	42.6	40.8	37.2	36.7	39.2	35.4	-3.8

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-76
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Eighth Graders

	Percentage reporting 5+ drinks in a row on one or more occasions																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	7.2	7.3	8.2	8.5	8.5	9.2	7.6	8.0	8.3	7.5	8.1	6.1	5.5	6.8	5.8	5.5	-0.3
Gender:																	
Male	9.2	8.9	9.4	10.6	9.8	10.1	9.2	10.0	10.5	8.8	9.4	6.5	5.8	6.4	5.5	5.9	+0.4
Female	5.2	5.9	7.1	6.7	7.4	8.2	6.0	6.3	6.2	6.3	7.0	5.5	5.1	6.9	6.2	4.9	-1.3
College Plans:																	
None or under 4 years	15.4	18.2	18.4	20.7	17.5	19.7	22.0	21.6	24.8	21.9	25.4	19.0	17.5	19.0	16.7	13.9	-2.8
Complete 4 years	5.9	5.8	6.9	7.1	7.5	7.6	6.0	6.6	6.2	6.1	6.3	5.0	4.2	5.5	4.9	4.7	-0.2
Region:																	
Northeast	4.8	5.5	5.8	8.1	9.3	10.7	7.6	6.6	9.1	5.7	9.4	3.5	5.6	6.5	3.7	4.1	+0.4
North Central	6.9	7.0	7.6	8.8	8.0	9.2	8.4	10.0	9.3	8.9	7.8	5.6	7.0	8.3	4.7	5.9	+1.1
South	8.9	9.0	9.4	8.1	8.8	8.4	6.9	8.0	8.9	7.1	7.9	6.7	5.1	6.4	7.4	6.3	-1.1
West	7.0	6.7	9.2	9.1	8.1	9.2	7.9	7.1	5.3	8.0	7.9	8.4	4.2	6.0	6.0	4.9	-1.1
Population Density:																	
Large MSA	6.6	7.4	6.1	6.9	5.3	8.5	5.6	6.7	6.2	6.0	5.4	5.0	4.2	5.6	4.9	4.1	-0.9
Other MSA	7.0	7.6	8.2	9.1	8.8	9.3	7.4	6.6	8.6	6.4	8.4	6.0	5.3	6.4	6.0	5.4	-0.7
Non-MSA	8.4	6.8	10.7	8.4	9.8	9.8	9.6	12.3	10.2	11.5	10.5	7.7	7.3	8.9	6.6	7.8	+1.2
Parental Education: ^a																	
1.0-2.0 (Low)	12.6	12.5	11.0	11.6	12.5	12.8	9.8	12.6	17.9	14.8	11.5	11.2	9.4	11.9	14.0	8.9	-5.0
2.5-3.0	7.7	8.9	9.9	9.3	10.2	10.7	10.1	8.0	9.8	10.9	10.0	8.1	7.2	8.8	8.1	7.1	-1.0
3.5-4.0	7.8	7.0	7.9	9.0	9.8	10.1	8.3	9.0	10.4	6.6	9.1	6.8	6.0	7.9	5.3	5.4	+0.1
4.5-5.0	5.0	4.5	7.3	6.8	6.1	7.5	5.3	5.9	3.9	5.0	5.1	3.7	3.5	5.3	4.3	4.3	-0.1
5.5-6.0 (High)	6.2	6.0	6.2	8.4	5.9	6.7	5.7	8.7	6.1	4.3	5.3	4.8	4.1	4.7	2.4	4.7	+2.2
Race (2-year average): ^b																	
White	—	7.0	7.6	8.0	8.7	9.2	8.6	7.9	8.3	8.3	7.7	6.7	5.7	6.1	5.9	5.2	-0.7
Black	—	5.2	5.1	7.2	6.4	4.9	4.4	3.6	4.7	4.9	4.0	3.2	3.0	3.6	3.1	2.7	-0.3
Hispanic	—	12.7	13.2	12.1	11.6	12.7	12.3	10.5	10.2	9.8	12.3	13.2	10.3	9.1	10.0	9.0	-1.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991–96; N is one-half of N indicated in Table D-106. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-106.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-77

Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Tenth Graders

		Percentage reporting 5+ drinks in a row on one or more occasions																
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	'05-'06 change
<i>Approx. N =</i>		14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total		16.4	15.1	16.1	17.0	17.1	17.9	17.6	16.0	18.1	17.5	16.3	14.1	13.8	13.6	13.1	14.5	+1.4
Gender:																		
Male		21.7	18.9	20.4	23.0	21.1	22.5	21.2	20.7	24.0	22.5	22.2	16.7	18.3	17.1	15.2	16.3	+1.0
Female		11.7	11.7	11.8	11.1	13.1	13.7	14.4	11.8	12.5	12.7	11.2	11.7	9.9	10.4	10.8	12.3	+1.6
College Plans:																		
None or under 4 years		25.4	22.8	25.4	26.6	28.2	30.7	31.6	26.1	29.9	26.8	31.2	26.2	22.7	20.5	23.0	26.1	+3.1
Complete 4 years		14.5	13.5	14.2	15.0	15.3	15.8	15.4	14.2	16.2	15.9	14.1	12.2	12.6	12.7	11.8	12.8	+1.0
Region:																		
Northeast		19.0	14.6	17.1	18.4	17.4	19.9	17.5	18.8	21.5	16.4	15.2	12.6	16.4	16.9	15.2	17.7	+2.5
North Central		16.5	16.7	17.3	18.2	18.3	18.8	18.4	16.3	18.3	20.9	16.4	14.9	13.5	10.9	14.6	14.8	+0.2
South		15.4	13.9	14.9	16.9	16.9	17.7	16.6	15.4	17.5	15.7	15.9	13.2	12.4	12.8	10.8	12.7	+1.9
West		15.9	15.5	15.2	13.5	15.5	15.1	18.3	14.0	15.5	16.9	18.3	16.0	14.0	15.0	12.4	13.7	+1.4
Population Density:																		
Large MSA		16.0	14.8	15.2	14.5	12.7	16.4	15.9	12.8	18.0	16.9	13.0	12.0	13.0	11.5	10.6	13.3	+2.8
Other MSA		15.8	13.9	13.9	17.0	17.2	17.6	17.6	15.9	17.3	16.3	15.7	13.5	13.1	14.4	13.8	15.3	+1.5
Non-MSA		17.9	17.7	20.9	18.7	19.6	20.1	19.1	19.6	20.1	20.1	21.2	18.1	17.0	14.7	14.6	14.1	-0.6
Parental Education: ^a																		
1.0-2.0 (Low)		21.3	15.6	18.9	19.2	20.3	20.5	18.1	12.8	14.2	16.7	17.9	13.8	19.0	14.1	15.1	16.4	+1.3
2.5-3.0		18.5	16.6	15.3	18.5	19.7	18.8	18.0	19.0	20.5	16.5	15.9	15.8	14.8	17.1	16.3	17.8	+1.5
3.5-4.0		15.0	15.6	16.5	16.7	17.4	18.5	18.9	15.8	17.6	17.9	17.8	14.4	13.7	13.9	13.6	14.5	+0.9
4.5-5.0		15.1	14.0	16.3	16.8	16.0	15.9	16.5	14.9	17.3	19.0	14.3	12.5	13.1	12.0	11.6	12.3	+0.7
5.5-6.0 (High)		15.4	13.1	15.3	14.5	13.8	18.3	16.1	16.2	19.3	16.8	17.5	13.1	11.8	13.7	11.3	14.3	+3.0
Race (2-year average): ^b																		
White		—	16.7	16.4	17.4	18.1	19.0	19.3	18.6	19.7	19.9	18.1	16.5	16.1	15.5	15.1	15.8	+0.7
Black		—	9.8	10.1	9.3	8.7	6.5	6.6	5.5	4.0	6.2	6.8	6.1	4.7	4.1	4.2	3.8	-0.4
Hispanic		—	17.2	16.1	16.8	18.6	19.7	19.5	16.9	14.8	17.5	20.3	17.5	16.2	17.5	16.5	16.0	-0.5

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991–96; N is one-half of N indicated in Table D-107. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

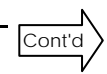
^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-78

Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

		Percentage reporting 5+ drinks in a row on one or more occasions															
		Class of:															
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
	<i>Approx. N =</i>	—	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total		—	33.0	35.1	35.4	36.4	36.6	38.0	37.6	38.1	36.2	32.0	33.1	33.8	31.0	31.3	27.0
Gender:																	
Male		—	45.6	49.0	49.8	50.6	51.1	49.4	48.5	49.8	47.7	42.6	45.4	45.4	41.5	39.5	37.1
Female		—	21.4	23.5	22.6	24.2	23.9	26.5	27.3	27.4	25.0	22.4	22.4	23.1	22.2	23.8	16.5
College Plans:																	
None or under 4 years		—	37.7	39.2	41.6	39.5	43.5	42.8	42.1	43.1	41.2	35.5	36.1	37.8	36.9	37.7	29.0
Complete 4 years		—	27.8	31.0	29.4	33.3	30.9	34.2	34.2	34.3	33.6	29.8	30.8	31.7	28.4	28.5	26.0
Region:																	
Northeast		—	39.0	35.3	36.5	41.9	41.4	42.1	40.0	37.9	39.8	35.5	32.6	32.1	32.7	32.1	27.4
North Central		—	35.8	37.6	39.9	39.0	42.3	43.6	45.3	45.1	43.7	34.2	40.8	41.3	38.5	38.2	31.4
South		—	26.6	33.9	31.8	34.0	30.5	33.9	31.7	35.1	31.5	26.6	29.4	30.7	25.7	27.5	23.8
West		—	31.0	31.6	32.0	28.3	31.1	28.5	28.1	31.3	29.4	33.8	27.5	29.8	28.5	27.4	25.1
Population Density:																	
Large MSA		—	32.8	34.4	34.4	35.0	40.9	38.9	36.2	37.4	34.5	31.2	33.9	32.3	29.6	27.3	32.0
Other MSA		—	33.9	35.4	35.7	36.3	33.9	37.7	36.6	36.6	33.2	30.2	31.5	34.5	30.9	32.3	26.9
Non-MSA		—	32.1	35.2	35.7	37.6	37.0	37.6	39.8	40.6	41.4	35.1	35.0	33.9	32.6	32.9	22.6
Parental Education: ^a																	
1.0-2.0 (Low)		—	30.7	31.9	33.6	32.8	31.1	32.3	35.0	38.4	26.8	27.4	28.5	32.9	31.3	26.9	28.1
2.5-3.0		—	37.5	36.4	37.8	38.0	38.8	42.9	37.5	37.4	39.2	33.6	34.2	34.3	31.0	32.2	26.7
3.5-4.0		—	32.9	34.8	34.4	36.5	37.6	39.2	41.6	39.1	37.1	32.1	32.9	34.9	29.4	32.8	24.9
4.5-5.0		—	33.9	34.1	36.2	38.2	36.0	31.7	35.3	39.1	39.9	35.9	34.4	34.7	32.8	31.2	27.7
5.5-6.0 (High)		—	27.2	38.0	28.7	35.5	37.6	38.5	38.9	36.5	30.2	27.4	33.8	29.7	31.4	26.5	32.3
Race (2-year average): ^b																	
White		—	—	35.5	36.8	37.6	38.5	40.1	40.9	40.8	40.0	37.1	35.3	35.8	35.2	34.4	32.5
Black		—	—	18.8	19.5	19.4	17.7	16.4	16.9	18.1	18.9	15.5	13.2	13.6	16.1	18.5	13.5
Hispanic		—	—	34.4	33.5	31.5	32.7	30.8	27.6	27.9	27.4	24.6	29.4	32.8	27.5	22.0	20.6



Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of five forms in 1976-88; N is one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

TABLE D-78 (cont'd)

Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders


	Percentage reporting 5+ drinks in a row on one or more occasions																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	28.5	25.4	25.5	24.6	27.6	29.2	26.7	28.5	25.6	27.5	26.7	26.1	21.4	23.7	22.4	21.4	-1.0
Gender:																	
Male	37.0	34.0	34.2	35.7	36.5	38.7	32.9	39.3	34.7	38.2	35.9	33.7	31.1	32.1	30.9	26.9	-4.0 s
Female	20.1	17.6	18.1	15.5	19.5	19.2	21.2	19.5	17.0	17.6	18.0	18.2	12.9	15.6	15.3	16.2	+0.9
College Plans:																	
None or under 4 years	35.1	32.8	30.2	29.6	32.7	29.4	29.0	39.7	29.5	31.0	40.5	37.0	24.9	32.0	28.9	31.5	+2.7
Complete 4 years	26.0	23.3	23.8	23.4	25.4	28.8	26.2	25.1	24.7	26.0	23.3	22.9	20.3	21.5	21.1	19.0	-2.1
Region:																	
Northeast	27.8	25.7	28.5	23.4	30.5	35.4	32.0	34.2	33.0	32.7	26.5	28.6	27.1	26.1	25.8	25.9	+0.2
North Central	34.7	32.5	27.6	28.3	30.2	29.9	25.7	31.4	28.9	32.4	33.9	28.9	24.8	26.2	26.2	22.1	-4.1
South	24.2	22.9	25.2	24.8	27.2	27.5	24.1	25.5	21.3	20.0	19.7	22.4	16.8	21.8	20.2	20.6	+0.4
West	27.3	18.4	20.8	19.7	21.8	24.6	27.6	25.6	22.8	29.4	27.9	26.3	19.2	20.9	18.0	18.1	+0.1
Population Density:																	
Large MSA	24.7	26.0	23.8	23.6	26.9	32.4	26.2	24.4	21.3	29.8	23.4	25.7	18.9	20.9	21.4	21.2	-0.2
Other MSA	28.8	24.2	24.8	22.6	26.7	29.3	27.9	30.3	26.8	26.1	26.7	25.2	22.9	22.9	23.7	21.2	-2.5
Non-MSA	31.0	27.2	28.1	28.7	30.0	26.6	25.0	29.5	28.1	27.4	30.2	28.1	21.7	28.2	21.0	22.1	+1.1
Parental Education: ^a																	
1.0-2.0 (Low)	34.9	23.4	27.3	23.7	28.9	23.8	18.7	23.5	22.1	16.8	28.2	32.0	20.1	18.5	17.0	19.3	+2.4
2.5-3.0	29.2	26.6	26.1	25.3	27.6	25.0	26.0	26.5	27.7	24.3	31.9	24.5	22.9	27.0	21.3	23.2	+1.9
3.5-4.0	29.4	25.2	26.6	24.2	25.6	29.3	28.3	31.9	26.5	29.1	21.4	27.4	20.5	26.3	23.0	23.9	+0.9
4.5-5.0	26.2	23.9	24.1	24.1	27.6	28.1	29.1	29.3	24.2	28.7	28.7	24.4	23.3	20.9	25.5	19.6	-5.9
5.5-6.0 (High)	25.7	26.9	26.1	26.0	32.2	41.0	28.3	27.6	24.3	35.1	28.0	27.3	19.0	20.2	21.8	19.3	-2.5
Race (2-year average): ^b																	
White	30.6	29.6	27.6	27.3	29.0	31.3	31.4	31.3	30.0	28.8	31.0	30.2	26.4	25.3	26.1	25.8	-0.3
Black	10.2	13.1	15.5	15.4	12.6	14.6	13.3	11.7	10.6	9.9	9.1	7.6	6.1	9.3	11.2	7.1	-4.0
Hispanic	23.8	27.2	24.8	24.9	23.8	26.1	26.0	24.4	27.5	29.0	27.1	24.7	21.6	20.0	19.7	19.8	+0.1

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-79
Liquor: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	—	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	—	44.1	45.0	48.2	47.3	47.9	44.6	45.2	46.4	42.3	40.0	41.0	39.0	35.6	35.7	30.8
Gender:																
Male	—	44.4	44.7	48.9	48.5	48.8	45.3	45.2	48.8	43.3	40.3	43.7	42.8	38.5	39.6	36.9
Female	—	43.8	45.3	47.6	46.6	47.4	44.3	45.1	43.7	40.8	39.5	38.6	35.4	33.6	32.1	24.6
College Plans:																
None or under 4 years	—	44.6	47.8	49.3	46.1	51.4	46.9	47.5	47.4	44.6	41.0	38.9	39.4	36.8	38.1	30.6
Complete 4 years	—	43.8	42.5	47.7	48.5	45.1	43.0	43.6	45.3	40.6	39.6	41.8	39.0	35.0	35.0	30.4
Region:																
Northeast	—	52.5	47.4	47.8	56.7	53.2	49.5	50.8	50.8	46.4	42.1	37.2	43.3	36.1	40.3	34.5
North Central	—	47.0	49.7	53.7	45.4	46.5	47.2	49.1	50.5	45.6	40.1	49.8	42.2	42.2	40.5	31.0
South	—	37.6	39.8	46.0	43.6	48.5	38.8	38.7	43.3	38.5	37.1	35.9	34.6	30.4	33.0	29.6
West	—	38.3	41.3	42.0	45.0	42.9	43.2	40.0	38.4	39.6	42.1	39.6	37.4	35.0	30.0	28.5
Population Density:																
Large MSA	—	47.3	45.4	49.3	52.0	51.7	44.4	48.5	48.1	40.8	37.7	41.2	39.9	36.0	36.4	33.8
Other MSA	—	44.7	46.0	48.3	47.1	48.4	45.9	45.6	45.5	40.9	39.3	39.9	40.5	36.3	33.5	31.1
Non-MSA	—	41.4	43.3	47.2	44.1	44.8	43.2	42.1	46.1	45.1	42.6	42.4	35.5	34.0	40.3	27.7
Parental Education: ^a																
1.0-2.0 (Low)	—	40.8	38.2	37.3	38.2	44.2	43.1	40.3	41.6	33.1	36.2	36.1	32.2	33.5	32.1	25.7
2.5-3.0	—	46.7	45.9	49.8	46.6	47.8	43.5	44.8	44.7	46.3	37.9	38.1	36.0	34.6	32.1	29.5
3.5-4.0	—	44.7	47.3	51.9	51.7	47.5	46.6	48.0	46.5	42.0	39.2	42.3	38.2	33.1	38.3	31.6
4.5-5.0	—	47.9	45.6	49.1	51.7	48.7	40.7	43.6	50.0	44.9	48.0	43.9	43.4	38.7	36.9	34.2
5.5-6.0 (High)	—	46.6	53.4	54.2	49.3	53.4	53.8	54.2	55.2	40.4	40.9	47.4	45.7	39.4	37.7	33.8
Race (2-year average): ^b																
White	—	—	47.5	49.5	50.3	50.1	48.9	48.2	49.0	47.3	44.1	43.5	43.4	41.1	39.8	37.7
Black	—	—	21.2	19.9	23.3	27.5	25.1	21.5	25.3	23.7	18.5	17.4	15.0	16.0	16.8	14.4
Hispanic	—	—	47.7	48.8	43.3	47.2	45.6	41.2	35.6	35.4	42.1	40.4	36.9	31.6	24.6	21.0

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of five forms in 1976-88; N is one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

TABLE D-79 (cont'd)
Liquor: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	31.3	28.6	31.4	28.0	34.3	34.7	34.6	37.3	34.3	36.0	35.1	36.0	34.3	35.6	36.4	34.2	-2.3
Gender:																	
Male	34.9	32.0	36.4	32.8	38.2	36.4	36.3	41.2	38.0	41.7	35.6	37.9	36.1	39.3	38.4	33.7	-4.6
Female	28.0	25.9	27.3	23.2	30.9	32.6	33.4	33.3	30.0	30.7	33.7	33.8	32.9	32.2	34.9	33.9	-1.0
College Plans:																	
None or under 4 years	37.0	31.9	37.3	28.3	36.8	35.8	34.2	38.3	35.0	38.1	40.4	42.5	36.9	40.3	42.6	39.7	-2.9
Complete 4 years	29.0	27.4	29.9	28.1	33.4	34.1	34.9	36.6	33.9	35.0	33.6	34.2	33.6	34.3	35.5	33.0	-2.5
Region:																	
Northeast	36.6	25.8	32.4	25.9	37.7	40.9	36.6	46.3	39.8	40.9	40.8	41.4	35.8	41.1	41.9	40.0	-1.9
North Central	33.5	33.5	32.1	29.0	35.4	36.2	35.2	36.6	33.7	40.5	37.4	39.6	37.4	35.4	39.3	35.2	-4.1
South	28.1	27.1	34.7	28.1	34.9	33.6	32.9	33.9	32.1	28.3	31.7	32.9	30.7	33.3	33.7	32.5	-1.2
West	29.0	26.3	24.0	28.2	28.7	27.8	35.1	37.2	34.5	38.5	33.3	31.8	35.4	33.8	32.3	30.9	-1.4
Population Density:																	
Large MSA	30.4	29.8	32.2	30.3	33.3	30.6	36.0	37.2	34.5	41.1	36.0	37.5	32.4	30.1	36.2	34.4	-1.8
Other MSA	33.1	27.4	30.4	26.5	34.9	38.0	34.6	38.9	34.9	33.8	35.4	37.0	35.6	37.7	37.8	36.3	-1.5
Non-MSA	29.1	30.0	32.7	28.1	34.3	32.4	33.4	33.9	33.3	34.0	33.9	32.3	34.3	37.4	34.2	30.2	-4.0
Parental Education: ^a																	
1.0-2.0 (Low)	29.7	25.4	29.1	23.6	26.8	24.7	27.7	33.5	35.3	30.8	28.2	29.4	27.6	29.5	30.9	30.2	-0.8
2.5-3.0	32.6	29.9	29.4	28.2	34.8	37.5	31.8	33.5	33.7	28.7	36.3	33.5	35.2	34.0	33.0	36.7	+3.7
3.5-4.0	33.6	29.0	34.1	25.8	32.4	34.7	36.4	40.6	32.7	40.0	35.4	37.3	35.7	38.2	33.8	34.7	+0.9
4.5-5.0	27.4	25.9	32.2	29.3	35.7	30.1	35.8	38.2	33.4	35.2	38.3	38.2	36.5	36.4	43.3	33.8	-9.6 s
5.5-6.0 (High)	33.5	33.1	29.9	32.0	41.1	42.1	40.4	38.3	40.8	47.8	34.5	38.8	33.0	36.6	38.4	35.9	-2.5
Race (2-year average): ^b																	
White	35.0	32.9	32.5	32.6	34.1	37.2	38.5	39.5	37.6	37.2	38.8	38.9	37.8	37.8	39.8	39.5	-0.3
Black	14.1	15.1	17.5	17.1	17.9	24.9	20.4	17.6	21.5	22.2	22.1	22.0	23.0	23.7	25.3	23.0	-2.3
Hispanic	23.2	29.2	28.9	26.3	27.4	29.4	28.1	31.7	36.6	36.3	36.0	36.3	33.3	29.6	30.2	28.4	-1.8

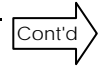
^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-80

Liquor: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

		Percentage reporting 5+ drinks in a row on one or more occasions															
		Class of:															
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
	<i>Approx. N =</i>	—	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total		—	19.8	19.9	22.0	22.8	23.0	21.3	23.8	22.0	21.3	19.6	21.4	20.5	18.2	20.0	16.8
Gender:																	
Male		—	23.3	21.1	24.4	26.3	26.1	23.0	25.8	26.4	24.6	20.9	24.7	25.0	20.3	24.5	20.7
Female		—	16.1	18.5	19.6	19.8	20.2	19.7	21.9	17.8	18.2	18.2	18.6	16.2	16.6	15.7	12.8
College Plans:																	
None or under 4 years		—	23.8	23.4	26.7	24.2	26.5	26.4	26.9	25.7	24.7	22.0	24.0	24.5	20.7	23.7	17.3
Complete 4 years		—	15.8	16.8	17.9	21.5	19.7	18.0	21.8	19.2	19.2	18.4	19.9	18.6	17.2	18.6	16.4
Region:																	
Northeast		—	24.9	20.2	21.8	28.8	27.2	25.0	26.1	24.7	24.9	23.8	20.1	22.3	17.4	23.7	18.0
North Central		—	22.1	23.3	24.0	23.0	23.7	22.9	27.5	24.0	24.1	19.3	25.9	21.9	23.1	21.4	17.7
South		—	16.0	16.4	22.5	20.6	22.1	18.0	19.6	20.7	20.2	17.0	19.1	18.7	15.2	18.6	15.4
West		—	14.8	19.2	16.2	18.5	18.2	19.2	20.1	17.0	15.3	19.8	19.6	19.6	17.2	17.5	16.5
Population Density:																	
Large MSA		—	20.3	18.3	20.5	22.6	22.8	22.6	26.1	24.3	21.1	18.7	21.7	20.3	16.8	18.4	17.9
Other MSA		—	19.9	21.8	21.4	23.4	23.9	20.7	22.2	21.8	20.1	19.6	19.7	20.8	19.8	19.1	16.4
Non-MSA		—	19.4	18.8	23.8	22.3	22.1	21.2	24.1	20.5	23.0	20.2	23.9	20.2	16.6	23.7	16.8
Parental Education: ^a																	
1.0-2.0 (Low)		—	22.0	18.1	20.9	19.1	22.0	24.3	21.0	21.5	21.0	19.6	19.0	20.6	19.9	17.6	18.0
2.5-3.0		—	22.8	20.4	23.7	23.6	23.9	21.3	24.7	23.6	25.5	20.4	24.2	21.2	21.6	18.1	16.4
3.5-4.0		—	17.4	21.5	22.0	22.9	20.5	24.9	25.2	19.9	19.7	18.1	20.1	18.1	15.7	23.2	15.0
4.5-5.0		—	18.0	16.7	18.6	24.7	24.8	14.7	21.3	22.6	20.0	20.2	20.4	21.8	16.7	20.9	18.5
5.5-6.0 (High)		—	14.0	24.9	22.5	23.2	23.6	19.5	28.1	20.4	17.5	20.6	22.0	22.2	16.4	16.3	19.4
Race (2-year average): ^b																	
White		—	—	20.5	22.1	23.6	24.1	23.3	24.2	24.5	23.0	22.0	22.0	22.6	21.3	21.0	20.7
Black		—	—	10.5	7.7	8.4	11.1	10.6	8.6	10.9	11.2	8.0	7.5	6.2	7.2	10.4	9.6
Hispanic		—	—	25.5	26.8	25.9	22.9	25.3	26.7	24.5	21.4	20.9	20.8	21.9	19.0	14.6	11.9



Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of five forms in 1976-88; N is one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

TABLE D-80 (cont'd)

Liquor: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

	Percentage reporting 5+ drinks in a row on one or more occasions																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	17.4	16.0	18.2	17.1	20.2	21.6	21.1	23.6	22.3	23.8	22.7	25.6	21.1	23.8	25.0	23.3	-1.8
Gender:																	
Male	20.5	20.0	24.6	22.4	24.7	24.6	23.9	27.3	27.6	30.8	26.4	27.2	24.1	29.2	28.5	24.7	-3.9
Female	14.4	12.6	13.2	12.6	16.2	17.7	18.7	20.0	16.1	17.4	18.8	23.6	18.9	18.2	22.0	22.0	+0.1
College Plans:																	
None or under 4 years	21.7	21.4	24.6	19.1	22.5	21.1	23.4	31.2	23.2	26.4	29.2	31.9	23.0	29.2	32.6	27.1	-5.6
Complete 4 years	15.8	14.1	16.5	16.6	19.2	21.4	20.6	21.7	21.9	22.9	20.7	23.7	20.5	22.1	23.7	22.6	-1.0
Region:																	
Northeast	21.3	14.8	15.1	14.2	19.2	25.4	24.6	29.8	25.5	24.7	27.9	27.8	23.5	28.2	28.7	29.0	+0.3
North Central	19.0	19.0	18.9	17.7	21.5	22.0	20.6	23.6	19.9	29.7	21.5	28.1	24.8	23.4	28.3	26.2	-2.1
South	15.3	15.5	21.7	17.6	21.8	21.9	20.0	21.7	21.7	17.4	20.4	24.3	17.4	21.6	22.8	20.5	-2.3
West	15.2	13.7	13.6	18.0	16.4	16.3	20.5	22.3	23.6	26.1	24.3	22.7	20.7	23.4	21.2	19.8	-1.5
Population Density:																	
Large MSA	16.4	15.6	16.8	16.1	19.3	19.5	23.0	23.9	21.4	26.6	23.6	25.8	20.0	20.7	25.3	22.6	-2.7
Other MSA	17.5	15.2	17.3	16.3	20.3	24.9	21.3	25.1	22.8	21.7	22.2	26.3	21.9	24.6	26.2	25.0	-1.2
Non-MSA	18.1	17.9	20.7	19.5	21.1	17.7	18.7	20.3	22.2	24.1	22.6	24.0	21.2	25.5	22.5	21.0	-1.5
Parental Education: ^a																	
1.0-2.0 (Low)	19.9	15.9	20.7	14.4	15.2	14.7	16.7	23.9	25.5	24.4	15.2	18.4	17.9	17.8	18.5	19.1	+0.6
2.5-3.0	18.1	17.9	18.3	18.5	19.7	22.1	18.3	21.3	20.7	17.8	25.4	24.2	24.2	25.9	22.1	22.7	+0.6
3.5-4.0	18.6	15.9	19.7	16.2	20.7	20.4	23.3	25.4	23.6	25.8	21.8	24.4	21.1	26.2	23.5	26.1	+2.7
4.5-5.0	16.4	13.5	17.4	17.7	21.6	18.0	22.2	24.3	20.6	24.5	24.9	29.0	21.0	22.2	29.8	24.5	-5.3
5.5-6.0 (High)	13.3	16.5	16.0	18.8	22.0	31.3	23.5	23.0	22.8	30.4	22.4	31.0	21.0	20.3	28.7	20.3	-8.4
Race (2-year average): ^b																	
White	19.0	18.0	18.7	19.4	20.4	22.3	23.4	24.7	24.4	24.3	25.3	26.3	25.4	24.6	26.9	27.5	+0.6
Black	6.8	7.1	8.9	9.5	11.3	15.4	12.5	9.9	10.4	10.2	12.8	14.6	14.9	15.8	17.2	14.9	-2.3
Hispanic	13.4	19.4	18.1	16.8	18.1	18.9	20.0	22.2	24.3	25.2	24.0	24.0	21.1	18.9	20.6	18.4	-2.2

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-81
Wine: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988 ^a	1989	1990
<i>Approx. N =</i>	—	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	—	34.5	37.4	37.7	36.6	39.5	36.6	37.8	36.0	34.1	36.0	34.5	33.5	22.7	19.7	14.7
Gender:																
Male	—	34.1	35.5	34.8	33.9	38.1	35.3	35.6	33.8	30.3	34.2	30.8	29.3	20.7	18.9	16.1
Female	—	34.5	39.1	40.2	39.0	41.1	38.2	39.9	37.7	38.1	37.4	38.1	37.1	24.3	20.4	13.5
College Plans:																
None or under 4 years	—	31.5	33.1	33.8	33.8	37.1	32.8	36.3	34.5	33.7	34.6	31.5	28.2	19.7	18.6	11.9
Complete 4 years	—	38.0	41.4	41.5	38.5	41.0	39.1	39.5	37.2	34.0	37.3	36.2	35.7	24.0	20.5	16.0
Region:																
Northeast	—	45.2	42.6	47.5	45.3	48.0	51.6	51.4	46.0	41.5	43.9	32.0	35.6	27.7	22.1	15.0
North Central	—	33.8	36.3	40.8	33.8	36.6	38.5	38.9	36.0	34.3	34.1	41.0	34.0	23.0	23.7	13.4
South	—	27.5	34.2	30.2	30.8	34.8	26.3	27.7	30.9	29.5	30.7	28.1	31.7	18.9	17.4	14.5
West	—	34.0	38.1	32.7	40.8	42.4	31.6	32.5	32.4	34.7	38.4	38.1	33.8	24.5	16.0	16.9
Population Density:																
Large MSA	—	46.6	47.0	45.6	44.2	46.9	46.0	46.3	45.0	36.7	40.7	36.6	35.3	27.6	20.6	15.3
Other MSA	—	33.0	36.5	36.8	36.0	42.1	34.6	36.6	32.4	34.0	36.4	36.0	34.9	22.0	20.5	16.8
Non-MSA	—	28.0	31.4	32.8	31.9	31.0	32.4	32.8	33.8	32.3	31.7	30.7	29.2	19.3	16.7	9.9
Parental Education: ^b																
1.0-2.0 (Low)	—	33.4	30.1	32.3	31.4	28.0	28.0	30.2	26.6	28.3	28.6	28.0	23.9	16.4	19.0	9.5
2.5-3.0	—	33.8	32.8	35.3	33.0	38.0	33.2	33.8	35.3	34.0	32.4	31.3	30.7	17.8	15.6	12.4
3.5-4.0	—	36.9	42.0	40.2	38.2	39.6	37.2	42.0	32.9	35.9	36.9	37.1	31.5	23.4	18.8	14.2
4.5-5.0	—	39.6	42.5	40.8	43.6	45.2	41.5	43.4	46.1	37.1	43.1	36.3	39.7	26.5	24.1	18.9
5.5-6.0 (High)	—	48.4	57.3	49.8	46.7	51.7	52.9	47.5	43.2	33.9	42.6	40.1	40.9	31.4	23.5	19.3
Race (2-year average): ^c																
White	—	—	35.9	38.1	38.1	39.2	40.2	39.6	38.4	36.5	36.7	37.1	35.7	29.9	23.0	18.6
Black	—	—	36.2	30.8	27.4	27.9	24.9	26.0	28.9	24.4	21.3	21.0	21.8	18.4	15.0	11.2
Hispanic	—	—	42.9	38.5	30.0	31.0	27.3	26.8	28.3	30.9	37.0	37.4	33.0	22.2	15.0	14.2

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of five forms in 1976-88; N is one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

TABLE D-81 (cont'd)
Wine: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

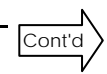
	Percentage who used in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	16.1	16.9	14.9	14.2	14.3	18.3	17.0	16.0	15.8	16.2	14.1	13.4	13.4	13.9	14.4	12.6	-1.8
Gender:																	
Male	16.9	17.2	15.9	13.8	13.2	18.1	16.7	17.4	17.6	17.7	12.8	13.2	13.9	13.8	13.8	11.6	-2.2
Female	15.5	16.6	13.9	14.3	15.3	18.2	17.3	15.0	14.4	15.0	15.5	13.2	13.5	14.1	15.1	13.6	-1.4
College Plans:																	
None or under 4 years	16.1	12.6	16.5	11.7	10.6	14.5	14.2	19.0	11.9	12.0	15.9	11.7	13.8	12.7	14.4	13.9	-0.6
Complete 4 years	16.4	18.4	14.4	14.8	15.3	19.3	18.0	15.3	16.8	17.1	13.3	13.7	13.5	14.5	14.3	11.9	-2.3
Region:																	
Northeast	22.1	18.5	15.2	15.9	14.2	23.4	19.4	18.7	23.5	20.8	19.2	17.3	12.5	18.2	15.2	13.9	-1.3
North Central	17.3	21.9	14.0	14.3	14.3	13.1	14.2	17.7	16.2	11.9	13.5	14.9	13.5	13.0	15.3	13.9	-1.4
South	11.8	11.0	16.7	13.0	15.9	20.0	17.7	13.8	14.6	17.2	13.9	12.7	14.0	12.6	13.4	12.1	-1.3
West	16.2	18.3	13.0	15.0	11.6	16.8	17.1	15.9	11.2	15.9	11.3	9.8	13.5	12.8	14.1	10.7	-3.4
Population Density:																	
Large MSA	13.9	17.0	20.0	16.8	14.8	19.5	18.2	19.5	17.4	20.4	16.7	17.2	11.1	12.5	16.9	15.0	-1.9
Other MSA	17.8	19.0	15.0	14.4	15.1	18.6	18.2	15.9	16.5	14.6	11.5	11.8	15.0	15.4	14.0	12.8	-1.2
Non-MSA	15.1	12.6	11.3	11.3	12.4	16.6	13.6	12.3	13.3	14.2	15.6	11.9	13.5	12.8	12.2	8.9	-3.3
Parental Education: ^b																	
1.0-2.0 (Low)	10.8	11.7	14.3	9.8	13.5	9.7	13.1	14.6	16.7	19.7	12.3	14.8	9.4	12.8	10.9	4.0	-6.9 s
2.5-3.0	16.0	13.9	12.1	13.6	10.2	15.2	13.8	10.2	10.5	10.4	13.6	8.6	13.1	10.9	13.4	10.6	-2.9
3.5-4.0	16.4	15.4	14.3	11.7	10.5	17.9	15.7	15.1	11.5	14.6	10.2	13.1	13.1	15.6	12.2	11.4	-0.8
4.5-5.0	17.5	19.2	17.7	14.6	18.1	18.0	18.0	20.8	19.6	16.2	19.1	15.4	15.5	14.1	16.8	15.5	-1.3
5.5-6.0 (High)	19.4	27.1	16.5	23.8	24.9	27.2	29.1	20.0	29.8	29.1	16.7	19.0	15.8	18.3	18.2	18.4	+0.1
Race (2-year average): ^c																	
White	16.6	17.4	16.2	14.4	14.4	16.8	19.3	18.1	16.6	16.4	15.9	15.2	14.5	14.7	15.5	15.6	+0.1
Black	10.2	11.7	14.5	17.6	13.6	12.8	11.1	9.9	9.3	9.5	10.9	8.5	8.0	7.9	7.8	6.1	-1.6
Hispanic	10.9	14.9	14.3	14.2	15.0	13.8	13.5	13.4	16.4	17.9	12.9	9.4	12.2	13.5	13.1	10.5	-2.6

^aIn the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.
^bParental education is an average score of mother's education and father's education. See Appendix B for details.
^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-82

Wine: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

		Percentage reporting 5+ drinks in a row on one or more occasions															
		Class of:															
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988 ^a	1989	1990
<i>Approx. N =</i>		—	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total		—	12.5	13.1	13.5	12.9	13.2	13.0	14.9	14.3	13.0	12.8	13.8	12.7	7.8	6.8	4.9
Gender:																	
Male		—	14.5	13.9	14.3	13.9	13.3	12.2	12.6	14.4	12.6	12.9	12.4	12.3	7.8	6.1	5.5
Female		—	10.4	12.1	12.8	12.0	12.8	13.5	16.8	13.9	13.1	12.5	14.6	12.8	7.7	7.3	4.3
College Plans:																	
None or under 4 years		—	14.1	14.6	14.6	14.8	15.3	13.2	16.1	15.7	14.4	13.9	14.6	13.7	9.5	9.0	5.1
Complete 4 years		—	10.4	11.6	12.7	11.4	11.3	12.6	13.9	13.2	11.9	11.9	13.3	12.0	7.1	6.0	4.9
Region:																	
Northeast		—	14.8	14.8	15.0	16.4	18.2	17.9	18.3	19.1	16.9	15.7	11.5	10.7	8.1	7.4	3.6
North Central		—	13.8	12.9	15.4	12.6	12.2	13.9	16.0	13.6	14.1	12.3	17.2	13.5	7.8	6.9	3.9
South		—	10.1	11.8	11.7	11.8	11.6	10.0	12.4	12.5	11.0	10.9	12.9	13.1	6.8	6.7	5.4
West		—	10.8	13.4	10.9	10.4	11.6	9.8	12.0	13.1	10.9	13.3	12.2	13.2	9.5	6.3	7.0
Population Density:																	
Large MSA		—	17.0	14.9	14.7	14.3	14.9	16.8	17.9	17.1	14.1	14.0	13.5	11.0	9.7	6.1	4.4
Other MSA		—	11.4	13.0	12.5	11.8	13.2	11.6	13.3	12.6	12.4	13.7	13.8	13.6	7.8	8.0	4.9
Non-MSA		—	10.7	11.8	14.0	13.1	12.0	11.8	14.7	14.4	13.0	10.6	13.9	12.9	6.0	4.8	5.2
Parental Education: ^b																	
1.0-2.0 (Low)		—	14.0	16.4	14.9	12.7	10.2	13.7	15.7	12.1	12.8	11.9	14.7	12.2	8.2	8.3	4.6
2.5-3.0		—	13.4	12.0	13.7	12.4	15.4	13.1	12.1	16.8	14.6	12.1	13.6	13.0	7.2	6.2	5.4
3.5-4.0		—	11.7	14.0	12.2	10.3	13.0	13.4	16.7	12.4	15.0	13.1	14.9	12.1	7.5	6.3	5.4
4.5-5.0		—	12.4	9.4	12.9	16.5	12.7	11.2	14.9	14.4	10.2	13.4	12.2	13.3	7.7	8.0	4.3
5.5-6.0 (High)		—	14.4	15.4	15.0	16.5	12.0	14.2	21.2	12.5	7.7	14.5	12.9	12.3	9.5	5.0	4.4
Race (2-year average): ^c																	
White		—	—	12.0	13.1	13.4	13.1	13.4	14.4	14.8	13.8	13.3	13.6	13.4	10.4	7.5	6.0
Black		—	—	16.7	12.6	10.8	10.4	9.0	10.0	11.4	10.1	8.3	8.3	7.6	8.3	7.8	4.7
Hispanic		—	—	19.3	14.7	9.7	9.5	15.3	15.1	15.8	14.3	13.4	16.1	14.7	8.4	5.1	6.4



Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of five forms in 1976-88; N is one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

TABLE D-82 (cont'd)

Wine: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

	Percentage reporting 5+ drinks in a row on one or more occasions																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	5.8	5.7	5.8	4.9	5.8	7.0	6.4	6.4	5.0	5.4	5.9	4.7	5.0	4.9	5.4	4.4	-1.0
Gender:																	
Male	7.1	6.5	7.2	4.9	6.1	8.3	6.9	6.9	6.5	7.3	5.8	4.6	5.7	6.2	5.1	4.9	-0.3
Female	4.6	4.5	4.4	4.9	5.6	5.7	6.1	5.8	3.8	3.6	5.3	4.1	4.3	3.5	5.6	4.1	-1.5
College Plans:																	
None or under 4 years	8.0	6.7	8.3	4.0	6.1	5.7	8.7	9.6	5.0	4.2	7.8	6.4	7.0	5.2	7.1	6.0	-1.1
Complete 4 years	5.3	5.4	5.1	5.3	5.4	7.2	5.7	5.5	5.1	5.6	5.2	4.1	4.5	4.8	4.8	4.0	-0.8
Region:																	
Northeast	7.1	4.5	3.4	4.2	5.9	10.2	6.6	8.0	5.4	5.9	8.3	5.3	4.1	4.6	5.2	5.6	+0.4
North Central	5.6	7.2	4.6	4.6	6.3	5.7	5.5	6.4	6.4	5.3	4.5	4.6	5.5	5.1	6.1	5.0	-1.1
South	5.1	4.1	8.2	4.7	6.9	6.7	7.2	5.7	5.0	5.2	5.8	3.9	5.4	4.9	5.1	3.6	-1.5
West	6.0	7.1	5.3	6.5	3.0	6.1	6.3	6.5	3.2	5.5	6.1	5.8	4.5	4.9	5.3	4.1	-1.2
Population Density:																	
Large MSA	5.3	6.1	5.4	4.7	5.6	9.6	7.3	6.6	5.3	6.7	5.5	5.4	4.1	5.3	5.8	5.3	-0.5
Other MSA	6.5	5.8	6.8	6.2	5.4	7.0	6.4	6.6	4.2	5.4	5.4	3.2	5.0	4.6	5.3	3.9	-1.3
Non-MSA	4.9	5.1	4.5	3.2	6.6	4.9	5.6	5.8	6.2	3.9	7.0	6.7	5.9	5.0	5.2	4.1	-1.2
Parental Education: ^b																	
1.0-2.0 (Low)	5.7	8.0	12.4	4.9	6.1	4.2	5.2	10.7	8.2	11.3	8.0	8.2	6.8	6.4	5.6	4.3	-1.3
2.5-3.0	6.8	4.8	5.3	3.8	5.6	6.5	6.8	6.0	3.5	3.7	5.6	4.6	6.6	4.4	5.3	2.8	-2.5
3.5-4.0	6.5	4.1	4.3	5.5	4.2	7.1	4.8	5.7	4.1	5.3	4.7	4.5	4.6	6.5	4.6	3.6	-1.0
4.5-5.0	4.9	6.1	6.0	3.7	5.6	4.4	8.1	7.6	4.7	4.8	7.2	4.4	4.1	4.1	4.7	5.2	+0.5
5.5-6.0 (High)	3.5	8.3	4.4	8.4	11.1	13.0	8.2	4.5	8.8	6.5	5.5	4.4	4.2	4.2	8.1	7.3	-0.7
Race (2-year average): ^c																	
White	5.3	5.5	5.0	4.8	5.2	6.2	6.9	6.5	5.4	4.7	4.8	4.9	5.0	4.9	5.1	5.2	+0.1
Black	5.1	5.1	7.6	7.5	4.0	4.9	5.1	5.3	4.5	5.2	6.5	5.0	4.3	3.5	2.3	1.7	-0.6
Hispanic	4.3	7.5	7.8	7.2	7.3	7.6	7.6	7.1	7.8	7.8	7.8	4.7	3.5	5.2	5.0	3.9	-1.0

^aIn the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-83
Wine Coolers: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days															
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	<i>Approx. N =</i>															
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	—	—	—
Total	14.8	15.1	16.1	15.9	15.3	17.5	15.9	15.6	16.5	14.8	15.3	12.9	12.4	—	—	—
Gender:																
Male	14.7	13.8	16.2	15.8	14.6	16.1	14.5	15.4	16.7	13.4	14.2	11.9	10.2	—	—	—
Female	14.6	16.2	16.0	16.2	15.6	18.7	16.9	15.8	16.3	15.9	15.9	13.3	14.3	—	—	—
College Plans:																
None or under 4 years	21.2	23.9	30.6	28.1	25.3	28.7	32.1	27.3	31.9	28.5	31.6	21.1	24.2	—	—	—
Complete 4 years	13.7	14.0	14.3	14.5	14.1	15.7	14.0	14.3	14.7	13.3	13.4	12.2	11.1	—	—	—
Region:																
Northeast	9.8	11.5	12.7	15.8	15.0	17.7	14.5	15.7	15.4	13.5	17.7	11.8	10.9	—	—	—
North Central	14.5	14.6	15.7	15.0	13.9	18.5	16.1	16.2	17.6	17.0	14.8	12.1	15.5	—	—	—
South	17.4	18.1	17.8	16.7	17.0	17.5	16.6	16.2	18.6	14.6	16.8	15.0	12.7	—	—	—
West	14.8	14.2	17.3	15.9	13.9	16.0	15.3	14.0	12.7	13.3	11.4	11.3	8.9	—	—	—
Population Density:																
Large MSA	14.1	16.4	12.7	14.4	11.1	16.5	14.1	14.0	14.0	12.9	12.3	12.1	10.4	—	—	—
Other MSA	14.6	15.4	17.4	17.8	16.1	18.2	15.7	15.4	16.8	14.5	15.4	12.7	12.3	—	—	—
Non-MSA	15.8	13.4	17.3	13.2	15.8	17.3	17.9	17.6	18.9	17.5	18.3	14.4	14.7	—	—	—
Parental Education: ^a																
1.0-2.0 (Low)	19.3	18.7	18.5	21.1	20.4	21.7	22.2	20.7	30.2	22.1	25.1	22.8	18.2	—	—	—
2.5-3.0	16.9	16.6	19.9	17.7	17.6	20.2	19.2	17.8	19.7	18.1	19.7	14.3	15.4	—	—	—
3.5-4.0	12.9	16.8	17.2	18.4	15.7	18.4	16.8	16.6	17.5	14.3	19.6	15.7	15.8	—	—	—
4.5-5.0	13.9	11.8	13.5	12.0	12.5	15.4	11.9	13.6	13.1	11.8	9.0	9.8	8.1	—	—	—
5.5-6.0 (High)	13.5	12.5	11.9	14.7	13.2	13.8	13.5	14.2	11.4	12.1	8.2	9.0	8.7	—	—	—
Race (2-year average): ^b																
White	—	14.4	15.1	15.1	14.9	16.4	16.5	15.4	16.0	15.9	15.0	14.0	12.6	—	—	—
Black	—	13.7	13.3	14.4	12.7	12.2	14.7	12.8	12.8	13.1	12.0	9.8	9.6	—	—	—
Hispanic	—	21.9	23.2	23.4	24.4	22.9	21.3	21.2	22.4	21.1	18.5	18.9	18.8	—	—	—

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991–96; N is one-half of N indicated in Table D-106. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-106.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-84
Wine Coolers: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days															
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	—	—	—
Total	24.0	21.5	22.5	21.8	20.8	22.8	22.1	20.9	22.1	21.2	20.8	18.9	17.2	—	—	—
Gender:																
Male	23.9	19.8	20.5	21.9	19.4	21.8	20.6	19.0	20.5	19.6	19.8	16.0	14.8	—	—	—
Female	24.1	22.9	24.3	21.6	21.9	23.6	23.4	22.0	23.4	22.6	21.7	21.6	19.5	—	—	—
College Plans:																
None or under 4 years	31.1	26.7	27.6	28.4	28.9	33.0	28.4	29.3	33.4	32.6	31.6	30.2	23.8	—	—	—
Complete 4 years	22.5	20.5	21.4	20.4	19.4	21.0	21.1	19.3	20.3	19.5	19.1	17.2	16.2	—	—	—
Region:																
Northeast	23.2	19.0	24.1	21.6	18.5	20.3	21.0	19.1	21.7	18.8	21.5	18.1	18.7	—	—	—
North Central	23.0	20.2	20.4	21.6	20.6	21.9	20.9	19.1	21.1	20.6	20.2	19.2	15.3	—	—	—
South	26.0	23.3	23.6	23.0	22.9	25.0	23.4	22.5	24.0	23.3	21.4	17.7	16.9	—	—	—
West	23.0	22.7	23.0	20.2	19.2	22.3	22.4	22.0	20.3	20.7	19.6	21.5	18.2	—	—	—
Population Density:																
Large MSA	23.1	21.6	21.5	21.2	16.4	19.3	20.2	16.9	23.1	19.8	19.9	17.4	17.0	—	—	—
Other MSA	23.8	22.3	22.4	22.6	20.7	23.7	22.2	21.9	21.3	19.7	19.7	18.7	16.4	—	—	—
Non-MSA	25.1	20.0	23.6	20.4	23.7	24.6	23.8	23.2	22.6	25.6	23.7	21.2	19.5	—	—	—
Parental Education: ^a																
1.0-2.0 (Low)	25.9	24.4	27.4	24.4	27.7	25.4	21.1	22.6	26.3	23.8	22.2	20.3	23.4	—	—	—
2.5-3.0	26.8	21.3	22.3	22.4	23.8	25.5	24.3	25.4	25.1	24.2	22.7	22.5	19.8	—	—	—
3.5-4.0	24.8	22.5	22.5	22.3	22.1	23.7	23.6	22.0	22.3	23.6	22.2	19.1	17.5	—	—	—
4.5-5.0	21.8	20.6	21.9	21.4	19.1	19.9	21.2	15.6	17.5	19.4	17.7	18.2	15.4	—	—	—
5.5-6.0 (High)	20.7	20.5	20.2	17.8	14.5	21.3	18.5	18.5	21.2	14.2	20.3	13.7	13.3	—	—	—
Race (2-year average): ^b																
White	—	23.0	21.9	22.1	21.2	21.7	22.6	21.7	21.6	21.9	21.2	20.3	18.1	—	—	—
Black	—	19.9	19.3	20.6	20.0	16.6	16.1	17.6	17.0	18.1	18.3	15.3	15.2	—	—	—
Hispanic	—	26.3	26.2	24.7	24.9	28.1	28.0	24.1	24.5	25.2	24.5	22.3	21.7	—	—	—

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991–96; N is one-half of N indicated in Table D-107. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-107.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-85
Wine Coolers: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	16,300	16,700	15,200
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	36.6	29.4	26.2
Gender:																
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	30.8	25.5	22.7
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	41.5	33.6	29.8
College Plans:																
None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	—	—	38.2	30.9	29.2
Complete 4 years	—	—	—	—	—	—	—	—	—	—	—	—	—	35.9	28.6	24.9
Region:																
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	33.8	29.6	29.2
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	37.9	33.0	28.6
South	—	—	—	—	—	—	—	—	—	—	—	—	—	33.6	25.7	22.9
West	—	—	—	—	—	—	—	—	—	—	—	—	—	42.7	31.3	24.7
Population Density:																
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	37.7	28.6	25.9
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	37.1	31.1	28.7
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	34.6	26.4	21.1
Parental Education: ^a																
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	28.8	27.7	22.9
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	37.8	31.9	28.1
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	38.5	31.2	27.1
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	35.6	27.6	27.6
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	36.9	23.5	21.5
Race (2-year average): ^b																
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.4	29.6
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25.3	21.7
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30.2	23.3

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of five forms in 1988; N is one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

TABLE D-85 (cont'd)
Wine Coolers: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	24.3	21.9	19.4	22.2	20.6	20.7	20.7	20.1	18.4	17.6	19.0	19.3	14.6	14.4	14.1	13.3	-0.9
Gender:																	
Male	22.1	19.1	15.1	16.9	15.5	17.7	15.9	15.0	15.6	15.6	14.1	12.0	9.4	11.2	8.7	9.2	+0.5
Female	26.3	24.3	22.8	26.4	25.1	23.6	24.4	23.5	20.6	19.5	22.2	24.2	18.9	17.2	18.7	17.1	-1.6
College Plans:																	
None or under 4 years	29.3	21.9	20.5	22.8	22.7	20.0	17.8	21.8	22.8	21.2	23.1	21.8	17.2	16.7	18.6	17.5	-1.1
Complete 4 years	22.8	22.0	19.2	22.3	19.8	20.9	21.6	19.6	17.3	16.1	17.7	18.8	14.0	13.7	13.2	12.3	-0.9
Region:																	
Northeast	21.0	19.6	18.9	15.4	14.6	21.1	17.2	20.8	22.1	19.1	18.4	17.8	15.9	14.7	17.3	13.3	-4.0
North Central	26.1	23.7	19.4	26.0	19.8	20.9	21.5	18.6	19.2	18.3	19.5	20.9	15.5	11.0	13.7	13.2	-0.6
South	23.1	21.3	20.6	23.4	24.1	23.2	22.9	20.6	18.7	16.8	19.7	20.6	13.9	16.7	13.5	14.6	+1.2
West	26.3	22.2	17.8	19.8	20.4	14.9	18.9	20.4	13.7	16.7	17.5	16.6	13.1	14.6	12.7	10.9	-1.8
Population Density:																	
Large MSA	20.9	21.2	20.4	21.2	20.7	22.7	23.9	22.5	14.7	19.8	18.1	20.5	12.8	14.2	13.5	10.7	-2.8
Other MSA	28.1	21.0	19.0	23.3	19.8	19.3	19.1	19.4	17.5	15.0	18.5	18.4	13.7	13.8	13.2	14.4	+1.2
Non-MSA	20.6	24.1	19.4	21.3	21.8	21.6	20.1	18.7	23.4	19.4	20.6	19.4	18.0	15.6	16.7	14.7	-2.0
Parental Education: ^a																	
1.0-2.0 (Low)	24.0	25.7	20.8	23.5	21.1	18.2	13.2	19.8	19.0	24.8	19.3	18.4	13.7	21.3	15.6	12.8	-2.8
2.5-3.0	25.4	21.2	17.1	26.4	20.4	26.8	20.0	21.4	23.2	16.3	22.8	19.6	18.1	17.2	19.8	15.6	-4.2
3.5-4.0	27.2	22.9	24.4	20.9	22.0	19.5	23.0	23.3	17.3	21.8	18.5	17.8	14.7	16.4	12.6	15.3	+2.8
4.5-5.0	22.1	18.0	17.2	22.8	21.0	17.0	21.4	17.9	14.3	13.6	19.0	19.4	12.4	9.1	13.6	12.7	-0.9
5.5-6.0 (High)	18.0	24.5	16.4	14.6	16.7	20.8	21.0	16.6	19.9	16.8	14.6	23.5	10.1	13.3	9.8	9.8	0.0
Race (2-year average): ^b																	
White	26.7	23.7	21.3	21.5	21.9	20.8	21.2	21.0	19.6	18.0	18.2	19.7	16.8	13.1	13.6	14.6	+1.0
Black	20.9	18.2	17.6	18.3	17.6	22.1	21.1	18.4	15.5	12.4	17.0	17.0	15.8	19.4	18.4	10.9	-7.6
Hispanic	22.3	26.7	22.9	22.9	26.0	22.0	19.8	18.2	17.4	20.7	20.0	16.7	16.0	19.7	19.4	13.8	-5.6

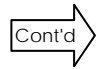
^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-86

Wine Coolers: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	16,300	16,700	15,200
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	13.9	12.4	10.5
Gender:																
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	12.1	11.3	9.9
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	15.1	13.5	11.3
College Plans:																
None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	—	—	17.7	16.2	14.2
Complete 4 years	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	10.7	9.0
Region:																
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.3	10.0
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	14.2	13.1	12.0
South	—	—	—	—	—	—	—	—	—	—	—	—	—	11.2	11.2	9.3
West	—	—	—	—	—	—	—	—	—	—	—	—	—	17.4	12.0	11.0
Population Density:																
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	14.2	11.7	10.0
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	15.6	12.4	11.0
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	10.7	13.3	9.9
Parental Education: ^a																
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	13.9	9.2	10.7
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	16.6	13.8	13.3
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	13.6	14.9	9.3
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	11.7	10.5	11.3
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	11.4	7.4	6.3
Race (2-year average): ^b																
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.6	12.3
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.0	9.9
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.5	6.0



Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of five forms in 1988; N is one-fifth of N indicated in Table D-108. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

TABLE D-86 (cont'd)

Wine Coolers: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	10.2	10.4	8.5	8.9	9.0	8.4	9.4	9.5	7.7	8.8	9.7	10.0	7.1	7.5	7.2	7.1	-0.1
Gender:																	
Male	10.0	10.2	7.3	7.4	6.7	6.9	6.7	7.0	7.0	9.4	6.2	7.2	5.4	7.5	4.2	6.1	+1.9
Female	10.2	10.3	9.5	10.0	10.8	9.7	11.3	11.0	7.8	8.4	11.4	11.4	8.2	8.0	9.7	8.0	-1.7
College Plans:																	
None or under 4 years	13.5	11.1	10.8	10.9	12.1	8.8	10.1	9.9	10.2	12.1	14.8	13.7	8.9	10.8	11.4	11.9	+0.5
Complete 4 years	9.2	10.1	8.0	8.6	8.0	8.3	9.2	9.5	7.0	7.4	8.2	9.2	6.7	6.8	6.2	6.0	-0.2
Region:																	
Northeast	7.6	8.8	6.5	5.5	5.5	9.8	8.2	9.6	8.9	10.1	10.2	9.8	8.0	7.5	10.7	6.9	-3.7
North Central	10.9	12.0	8.0	9.9	7.0	9.2	9.7	7.3	7.0	10.8	8.9	12.0	8.8	6.4	6.6	7.3	+0.8
South	8.8	10.3	11.1	9.3	11.5	8.7	9.7	10.5	8.8	5.9	10.9	9.6	6.7	8.6	6.6	8.3	+1.7
West	13.2	9.7	6.2	10.0	10.4	4.8	9.7	10.2	5.6	10.1	8.4	8.4	5.0	7.1	5.7	5.1	-0.6
Population Density:																	
Large MSA	7.9	11.8	7.9	8.5	11.1	8.8	10.8	12.1	7.5	11.1	10.6	9.6	6.8	7.2	7.0	6.4	-0.5
Other MSA	12.4	9.2	8.7	8.8	7.5	8.3	9.5	8.7	6.5	8.1	8.2	9.9	6.3	7.0	7.4	6.6	-0.8
Non-MSA	8.2	11.7	8.6	9.6	9.1	8.2	7.8	7.9	9.7	7.4	11.3	10.7	8.9	8.9	7.1	9.1	+2.1
Parental Education: ^a																	
1.0-2.0 (Low)	12.5	13.1	12.2	11.4	11.7	9.6	6.8	13.2	8.3	16.8	14.1	14.6	9.3	11.9	8.3	12.0	+3.8
2.5-3.0	10.9	9.5	6.9	10.4	9.5	11.4	9.8	11.0	9.2	8.8	12.6	9.9	9.4	9.5	9.9	8.2	-1.7
3.5-4.0	12.0	11.1	11.1	8.8	8.5	6.8	10.6	9.9	7.7	8.8	7.3	9.9	6.1	9.1	6.2	7.4	+1.2
4.5-5.0	9.2	8.8	7.4	9.2	9.2	7.2	8.6	7.7	7.2	8.6	10.7	10.7	5.9	4.2	6.8	7.4	+0.6
5.5-6.0 (High)	3.7	10.6	5.6	4.8	7.5	7.7	9.5	7.9	5.8	7.0	6.1	8.0	5.9	5.5	5.2	3.4	-1.8
Race (2-year average): ^b																	
White	10.7	10.3	9.5	8.6	8.6	8.1	8.7	8.8	7.6	7.6	8.9	10.2	8.4	6.4	6.9	7.5	+0.6
Black	9.2	8.7	8.6	8.6	7.5	10.4	10.0	9.2	6.9	4.2	9.6	10.0	7.8	11.7	10.5	4.6	-5.9
Hispanic	9.8	14.5	13.5	13.1	13.9	11.1	9.8	12.0	12.6	13.2	11.5	9.1	9.3	10.6	9.4	8.0	-1.4

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-87
Flavored Alcoholic Beverages: Trends in Thirty-Day Prevalence of Use by Subgroups
for Eighth, Tenth, and Twelfth Graders

	Percentage who used in last thirty days																		
	8th Graders						10th Graders						12th Graders						
	1991-99	2000-03	2004	2005	2006	'05-'06 change	1991-99	2000-03	2004	2005	2006	'05-'06 change	1975-99	2000-03	2004	2005	2006	'05-'06 change	
<i>Approx. N =</i>	—	—	17,000	16,800	16,500		—	—	16,400	16,200	16,200		—	—	14,600	14,700	14,200		
Total	—	—	14.6	12.9	13.1	+0.2	—	—	25.1	23.1	24.7	+1.7	—	—	31.1	30.5	29.3	-1.2	
Gender:																			
Male	—	—	12.7	11.4	10.8	-0.6	—	—	24.5	20.3	22.4	+2.1	—	—	28.9	28.3	26.0	-2.3	
Female	—	—	16.3	14.4	15.3	+0.9	—	—	25.6	25.8	26.9	+1.1	—	—	33.2	33.2	32.3	-0.9	
College Plans:																			
None or under 4 years	—	—	28.1	24.9	25.9	+0.9	—	—	32.5	33.8	37.2	+3.4	—	—	34.7	34.2	32.9	-1.4	
Complete 4 years	—	—	13.3	11.8	11.8	0.0	—	—	24.2	21.7	23.1	+1.4	—	—	30.3	29.6	28.7	-0.9	
Region:																			
Northeast	—	—	14.9	11.0	12.2	+1.2	—	—	26.6	22.4	26.3	+3.9	—	—	33.5	38.1	29.4	-8.7 s	
North Central	—	—	16.2	12.6	12.9	+0.3	—	—	22.5	23.4	23.5	+0.1	—	—	35.3	33.4	32.2	-1.2	
South	—	—	15.1	14.6	14.3	-0.3	—	—	25.6	23.7	24.5	+0.8	—	—	25.9	25.9	27.0	+1.1	
West	—	—	11.7	11.9	12.0	+0.2	—	—	26.5	22.5	25.4	+2.9	—	—	32.1	27.9	29.9	+2.0	
Population Density:																			
Large MSA	—	—	14.4	11.5	12.6	+1.2	—	—	22.4	22.0	23.1	+1.0	—	—	27.0	29.9	32.3	+2.4	
Other MSA	—	—	14.2	14.0	13.0	-0.9	—	—	26.1	23.1	25.5	+2.4	—	—	33.4	29.9	27.7	-2.2	
Non-MSA	—	—	15.6	12.8	13.9	+1.1	—	—	26.5	24.4	25.5	+1.1	—	—	30.9	32.2	28.5	-3.7	
Parental Education: ^a																			
1.0-2.0 (Low)	—	—	19.5	19.5	18.7	-0.9	—	—	27.3	24.9	25.8	+0.9	—	—	28.5	22.2	30.3	+8.2	
2.5-3.0	—	—	17.5	18.0	18.7	+0.7	—	—	30.5	28.1	27.9	-0.1	—	—	31.0	33.3	30.6	-2.7	
3.5-4.0	—	—	17.8	16.2	13.4	-2.8	—	—	25.0	23.6	28.5	+4.9 s	—	—	33.6	31.7	30.9	-0.7	
4.5-5.0	—	—	11.8	10.3	8.5	-1.7	—	—	24.9	22.6	19.9	-2.7	—	—	29.4	30.2	28.8	-1.3	
5.5-6.0 (High)	—	—	11.5	7.3	9.9	+2.6	—	—	20.8	17.3	23.7	+6.5 ss	—	—	29.8	30.2	26.4	-3.8	
Race (2-year average): ^b																			
White	—	—	—	13.8	12.6	-1.2	—	—	—	25.7	25.1	-0.6	—	—	—	33.3	31.4	-1.9	
Black	—	—	—	12.0	11.0	-1.0	—	—	—	16.1	15.5	-0.6	—	—	—	17.1	20.9	+3.8	
Hispanic	—	—	—	17.0	17.6	+0.6	—	—	—	29.0	28.6	-0.4	—	—	—	28.6	32.2	+3.6	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Tables D-106 to D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data for 8th and 10th graders based on one of four forms; N is one-third of N indicated in Tables D-106 and D-107. Data for 12th graders based on one of six forms; N is one-sixth of N indicated in Table D-108. **Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.**

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-88
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	14.3	15.5	16.7	18.6	19.1	21.0	19.4	19.1	17.5	14.6	12.2	10.7	10.2	9.2	9.3	8.7	-0.6
Gender:																	
Male	15.5	14.9	17.2	19.3	18.8	20.6	19.1	18.0	16.7	14.3	12.2	11.0	9.6	8.3	8.7	8.1	-0.6
Female	13.1	15.9	16.3	17.9	19.0	21.1	19.5	19.8	17.7	14.7	12.0	10.4	10.6	9.9	9.7	8.9	-0.8
College Plans:																	
None or under 4 years	29.2	31.9	34.1	36.6	36.5	39.2	40.0	40.1	40.3	34.7	30.0	29.3	27.8	25.6	26.7	23.2	-3.5
Complete 4 years	11.8	13.1	14.3	16.1	16.8	18.2	16.9	16.5	14.5	12.2	10.0	8.9	8.3	7.4	7.4	7.1	-0.2
Region:																	
Northeast	13.7	14.4	15.0	17.8	18.6	22.1	18.0	15.6	15.7	13.7	11.4	9.1	7.7	7.2	7.8	6.7	-1.0
North Central	15.5	16.5	16.3	18.5	20.9	23.2	20.0	22.3	21.3	17.1	12.0	11.0	12.2	10.8	9.5	9.3	-0.2
South	15.7	17.0	18.2	19.5	19.4	21.1	21.0	21.1	18.7	14.7	14.3	13.0	11.7	10.3	11.6	10.9	-0.7
West	10.0	12.2	16.4	18.0	16.5	17.1	17.1	15.1	12.1	12.2	9.3	7.5	7.0	7.4	6.3	5.7	-0.6
Population Density:																	
Large MSA	12.8	15.0	14.1	15.5	16.5	19.4	15.8	16.4	12.7	12.1	9.3	7.5	7.7	7.7	6.7	6.4	-0.3
Other MSA	14.9	15.3	17.8	20.7	19.4	21.4	19.7	17.7	16.0	13.1	11.6	10.6	9.8	8.9	9.8	8.8	-1.0
Non-MSA	14.8	16.4	17.9	17.8	21.5	22.1	22.8	24.8	26.1	21.1	16.9	14.9	14.4	11.6	11.8	11.6	-0.2
Parental Education: ^a																	
1.0-2.0 (Low)	26.2	24.1	23.3	26.1	25.3	26.5	26.9	26.7	26.6	22.0	20.3	20.3	17.5	15.8	16.6	14.7	-2.0
2.5-3.0	16.4	16.9	19.8	20.6	22.7	24.4	22.4	23.9	23.5	19.6	16.4	14.5	14.8	12.2	13.4	12.5	-1.0
3.5-4.0	13.9	14.9	17.4	20.1	20.8	21.4	20.9	21.4	17.0	14.7	12.6	10.5	9.6	9.6	10.5	8.8	-1.8
4.5-5.0	10.1	13.3	12.5	14.9	14.9	18.4	16.2	14.2	12.3	10.2	8.3	7.8	6.7	6.7	5.9	5.5	-0.4
5.5-6.0 (High)	11.3	11.5	13.3	15.1	14.5	17.3	15.3	13.8	12.2	9.8	6.9	5.8	6.0	5.2	4.3	4.8	+0.5
Race (2-year average): ^b																	
White	—	16.2	17.8	18.9	20.7	22.7	22.8	21.5	20.1	17.7	14.7	12.0	10.9	10.0	9.4	9.3	-0.1
Black	—	5.3	6.6	8.7	8.9	9.6	10.9	10.6	10.7	9.6	8.2	7.7	6.9	6.9	7.1	6.0	-1.1
Hispanic	—	16.7	18.3	21.3	21.6	19.6	19.1	20.1	20.5	16.6	13.0	12.8	11.9	10.1	9.0	8.8	-0.2

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-89
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	20.8	21.5	24.7	25.4	27.9	30.4	29.8	27.6	25.7	23.9	21.3	17.7	16.7	16.0	14.9	14.5	-0.4
Gender:																	
Male	20.8	20.6	24.6	26.6	27.7	30.1	28.2	26.2	25.2	23.8	20.9	16.7	16.2	14.5	13.4	13.4	-1.1
Female	20.7	22.2	24.5	23.9	27.9	30.8	31.1	29.1	25.8	23.6	21.5	18.6	17.0	15.7	15.1	15.5	+0.3
College Plans:																	
None or under 4 years	36.5	35.0	41.9	42.2	46.3	46.2	47.2	45.2	44.0	38.6	38.1	33.3	33.0	33.1	29.4	32.7	+3.3
Complete 4 years	17.3	18.6	21.0	21.7	24.7	27.8	26.8	24.5	22.7	21.5	18.5	15.1	14.0	13.6	12.9	12.1	-0.8
Region:																	
Northeast	22.4	21.9	27.1	24.5	27.8	31.7	29.3	30.1	28.0	23.9	18.1	15.9	16.6	16.6	14.9	11.8	-3.1
North Central	22.9	24.3	26.0	28.8	30.1	32.5	31.7	29.5	30.2	27.1	24.2	19.2	18.4	14.6	16.2	18.1	+1.9
South	21.2	19.8	24.0	25.7	30.8	33.4	32.2	29.8	26.3	25.5	23.5	19.6	18.2	20.4	16.4	15.6	-0.9
West	16.7	20.2	21.2	20.1	19.6	20.8	23.2	19.6	17.5	16.8	15.0	14.1	12.5	10.9	10.9	10.9	0.0
Population Density:																	
Large MSA	19.7	21.6	22.5	22.3	23.3	26.2	26.6	22.5	22.9	23.1	17.3	14.2	13.1	12.0	11.7	11.5	-0.2
Other MSA	20.3	20.3	23.8	26.3	28.9	31.1	28.9	26.6	25.0	21.3	20.5	17.6	16.6	16.6	14.7	13.3	-1.4
Non-MSA	22.7	23.7	28.2	26.7	31.3	33.9	34.9	35.7	30.4	29.4	27.6	22.6	22.4	20.4	19.8	22.4	+2.6
Parental Education: ^a																	
1.0-2.0 (Low)	23.5	28.4	29.5	26.4	30.9	28.7	28.2	28.0	30.5	29.3	22.5	21.4	23.4	19.3	16.4	20.4	+4.0
2.5-3.0	24.1	23.3	28.0	29.1	33.2	33.8	33.2	33.0	29.6	26.8	25.7	22.4	21.2	19.9	19.7	19.7	0.0
3.5-4.0	20.4	20.6	24.8	26.0	27.8	31.6	30.9	27.3	26.0	25.3	21.1	17.4	16.2	17.8	15.7	15.5	-0.2
4.5-5.0	18.5	19.5	20.1	22.6	25.9	28.7	28.5	25.7	22.4	21.2	18.9	15.1	13.4	12.6	12.5	10.8	-1.7
5.5-6.0 (High)	18.5	18.9	21.4	20.7	21.8	27.8	24.6	22.5	21.4	19.1	17.1	12.7	11.6	10.8	10.8	10.0	-0.8
Race (2-year average): ^b																	
White	—	24.1	26.0	27.8	29.7	32.9	34.4	33.2	30.8	28.2	25.7	22.4	20.0	18.7	17.6	16.6	-1.0
Black	—	6.6	7.5	9.8	11.5	12.2	12.8	13.7	12.5	11.1	11.1	9.8	8.9	9.2	8.7	8.0	-0.6
Hispanic	—	18.3	20.5	19.4	21.4	23.7	23.0	21.3	21.1	19.6	16.8	14.3	13.2	13.9	13.5	12.1	-1.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.


See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-90
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	36.7	38.8	38.4	36.7	34.4	30.5	29.4	30.0	30.3	29.3	30.1	29.6	29.4	28.7	28.6	29.4
Gender:																
Male	37.2	37.7	36.6	34.5	31.2	26.8	26.5	26.8	28.0	25.9	28.2	27.9	27.0	28.0	27.7	29.1
Female	35.9	39.1	39.6	38.1	37.1	33.4	31.6	32.6	31.6	31.9	31.4	30.6	31.4	28.9	29.0	29.2
College Plans:																
None or under 4 years	—	46.3	46.2	44.6	43.0	39.6	38.1	38.7	38.0	37.9	40.5	38.5	39.7	37.5	38.0	37.5
Complete 4 years	—	29.8	29.4	27.4	26.0	22.3	22.3	22.1	23.3	22.7	22.8	24.0	24.3	24.4	24.1	25.4
Region:																
Northeast	40.1	41.8	43.0	40.6	37.0	34.1	31.5	32.1	34.6	33.5	34.2	35.2	34.1	31.2	29.4	31.9
North Central	39.5	41.3	40.5	39.0	36.6	31.5	32.4	33.5	33.2	31.4	34.1	32.5	31.7	31.1	34.9	34.0
South	36.2	39.1	37.6	35.7	35.4	31.8	28.9	29.4	28.7	28.6	25.6	26.1	26.0	28.0	26.4	26.1
West	26.3	28.3	27.7	27.3	24.8	21.2	21.8	20.4	21.8	22.9	26.3	23.3	26.6	23.9	22.7	25.1
Population Density:																
Large MSA	39.7	40.4	40.9	37.5	33.4	31.2	30.6	32.1	30.8	31.3	31.9	30.8	29.3	26.9	25.9	27.9
Other MSA	35.1	35.9	36.1	34.3	33.5	29.7	27.4	27.8	29.1	28.2	28.5	28.0	28.2	28.3	28.2	29.6
Non-MSA	36.7	40.9	39.2	39.4	36.4	30.9	30.9	31.2	31.5	29.3	30.8	31.0	31.8	31.4	32.2	30.4
Parental Education: ^a																
1.0-2.0 (Low)	37.2	43.2	39.6	38.1	38.1	32.7	32.5	32.6	32.7	33.6	32.3	28.6	28.8	28.1	25.4	26.3
2.5-3.0	37.0	41.2	40.8	39.3	35.9	34.2	31.7	32.0	32.2	31.8	32.3	32.3	31.4	29.9	30.8	30.8
3.5-4.0	31.9	35.3	37.3	34.0	33.3	28.0	28.2	29.0	28.0	28.1	29.7	29.7	28.8	27.8	29.4	29.3
4.5-5.0	32.3	35.0	33.0	32.6	30.1	25.7	26.0	25.5	27.8	25.2	27.7	26.4	27.6	28.6	27.0	29.1
5.5-6.0 (High)	26.8	30.8	32.8	31.9	29.6	24.0	22.5	25.1	25.5	23.7	22.6	26.7	29.3	27.8	26.3	28.6
Race (2-year average): ^b																
White	—	—	38.3	37.6	36.0	33.0	30.5	30.7	31.3	31.2	31.3	31.9	32.1	32.2	32.2	32.3
Black	—	—	36.7	32.7	30.2	26.8	23.7	21.8	21.2	19.3	18.1	16.9	14.2	13.3	12.6	12.2
Hispanic	—	—	35.7	32.8	26.8	22.6	23.2	24.7	24.7	25.3	25.5	23.7	22.7	21.9	20.6	21.7

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-90 (cont'd)
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	28.3	27.8	29.9	31.2	33.5	34.0	36.5	35.1	34.6	31.4	29.5	26.7	24.4	25.0	23.2	21.6	-1.6
Gender:																	
Male	29.0	29.2	30.7	32.9	34.5	34.9	37.3	36.3	35.4	32.8	29.7	27.4	26.2	25.3	24.8	22.4	-2.4
Female	27.5	26.1	28.7	29.2	32.0	32.4	35.2	33.3	33.5	29.7	28.7	25.5	22.1	24.1	20.7	20.1	-0.6
College Plans:																	
None or under 4 years	38.1	38.6	37.3	40.9	43.5	45.0	45.7	46.7	44.9	43.6	40.8	37.5	36.2	36.8	34.8	32.9	-1.9
Complete 4 years	24.2	23.8	27.3	28.0	29.9	30.8	33.1	31.3	31.4	27.3	25.9	23.6	20.8	21.6	20.0	18.6	-1.4
Region:																	
Northeast	30.5	29.6	34.2	33.2	34.4	38.5	40.6	35.9	34.2	33.1	30.3	27.3	25.0	25.9	22.0	23.1	+1.1
North Central	34.6	31.7	33.2	36.2	37.8	37.7	39.3	40.0	37.8	35.6	35.9	31.7	27.3	28.3	26.8	23.6	-3.2
South	25.4	26.4	29.0	30.7	33.5	33.2	35.0	34.3	36.2	29.6	25.9	27.2	24.3	24.6	24.6	23.2	-1.4
West	23.2	22.8	22.9	24.0	26.5	24.4	30.5	29.1	27.6	28.1	25.2	19.4	20.7	20.1	17.5	15.0	-2.5
Population Density:																	
Large MSA	26.2	25.6	29.5	29.0	33.9	32.1	34.9	32.9	30.0	27.4	27.3	24.8	18.9	20.8	20.8	20.7	-0.1
Other MSA	29.3	26.9	29.8	31.1	31.7	32.6	35.7	34.2	35.0	31.5	28.2	26.2	25.1	26.3	22.6	20.3	-2.3
Non-MSA	28.6	31.5	30.3	33.8	36.2	38.2	40.0	39.7	38.7	36.3	34.3	30.1	30.4	27.6	27.4	25.3	-2.0
Parental Education: ^a																	
1.0-2.0 (Low)	31.3	27.1	26.5	26.2	31.2	31.5	31.2	32.3	33.0	31.3	24.8	20.9	23.5	21.0	19.1	21.1	+2.0
2.5-3.0	28.7	30.3	30.4	32.8	35.0	35.5	36.5	36.0	37.3	32.2	31.5	28.9	27.0	28.7	27.3	24.7	-2.6
3.5-4.0	28.4	27.8	29.9	31.4	33.2	33.2	35.6	36.7	35.0	32.8	30.3	28.6	24.3	26.3	24.8	22.9	-1.8
4.5-5.0	26.9	25.8	30.1	32.0	32.6	34.5	37.5	34.2	32.4	30.2	29.3	25.0	22.6	23.8	21.8	19.2	-2.6
5.5-6.0 (High)	27.1	25.5	30.5	30.4	34.0	32.9	38.5	33.1	34.4	27.4	25.0	25.3	21.0	19.9	18.0	17.4	-0.6
Race (2-year average): ^b																	
White	32.2	31.8	33.2	35.2	36.6	38.1	40.7	41.7	40.1	37.9	35.3	32.5	29.4	28.2	27.6	25.9	-1.7
Black	10.6	8.7	9.5	10.9	12.9	14.2	14.3	14.9	14.9	14.3	13.3	12.1	10.0	10.1	10.7	10.5	-0.1
Hispanic	24.0	25.0	24.2	23.6	25.1	25.4	25.9	26.6	27.3	27.7	23.8	21.3	19.0	18.5	17.1	16.0	-1.1

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-91
Cigarettes: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Eighth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
Total	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	7.2	7.0	8.3	8.8	9.3	10.4	9.0	8.8	8.1	7.4	5.5	5.1	4.5	4.4	4.0	4.0	-0.1
Gender:																	
Male	8.1	6.9	8.8	9.5	9.2	10.5	9.0	8.1	7.4	7.0	5.9	5.4	4.4	4.3	3.9	4.0	+0.1
Female	6.2	7.2	7.8	8.0	9.2	10.1	8.7	9.0	8.4	7.5	4.9	4.9	4.5	4.3	4.0	3.8	-0.3
College Plans:																	
None or under 4 years	18.5	20.1	21.5	22.6	22.5	26.0	25.4	25.2	25.2	21.7	17.7	17.1	16.1	15.4	14.4	13.2	-1.2
Complete 4 years	5.3	5.1	6.4	6.8	7.5	8.0	6.9	6.6	5.9	5.6	3.9	3.9	3.2	3.1	2.9	2.9	+0.1
Region:																	
Northeast	7.2	7.1	7.1	8.6	9.2	11.0	8.8	6.1	7.2	6.9	6.1	3.7	2.9	3.3	3.2	3.0	-0.2
North Central	7.8	7.6	8.5	9.4	11.0	12.4	10.3	11.2	11.5	9.0	6.4	5.7	5.5	5.7	4.8	4.7	-0.1
South	7.9	7.8	9.3	9.4	9.4	10.4	9.5	10.2	8.5	7.8	6.1	6.6	5.7	4.7	5.0	5.3	+0.4
West	4.6	4.8	7.4	7.4	7.0	7.5	6.8	5.8	3.8	4.9	2.6	2.9	2.4	3.3	2.4	1.8	-0.6
Population Density:																	
Large MSA	6.3	6.3	5.7	6.6	7.6	9.5	7.0	6.7	5.4	5.6	4.1	3.2	3.0	3.5	2.3	2.3	-0.1
Other MSA	7.7	7.2	9.1	9.5	9.3	10.2	8.7	7.9	7.4	6.3	5.4	5.1	4.3	4.1	4.1	4.1	-0.1
Non-MSA	7.3	7.8	10.1	9.6	11.1	11.8	11.7	12.7	12.7	11.8	7.2	7.6	7.0	5.9	6.2	6.3	+0.1
Parental Education: ^a																	
1.0-2.0 (Low)	15.9	11.9	12.7	13.0	15.8	13.6	14.3	13.0	14.7	13.1	11.1	10.6	9.1	10.1	7.8	7.3	-0.4
2.5-3.0	8.6	8.4	9.7	11.3	11.3	14.0	11.7	12.0	11.4	11.3	7.5	7.1	6.6	5.6	6.3	6.6	+0.3
3.5-4.0	6.5	6.9	8.5	8.9	9.4	10.1	9.2	9.7	8.1	6.7	5.1	5.4	4.4	4.2	4.3	3.8	-0.6
4.5-5.0	4.0	5.2	5.9	6.1	7.2	7.6	6.8	5.7	4.6	3.9	3.0	3.3	2.6	2.8	2.2	2.1	-0.1
5.5-6.0 (High)	4.9	4.2	6.3	5.8	5.7	7.4	5.5	5.2	5.1	4.1	3.1	2.1	2.1	1.9	1.4	1.8	+0.4
Race (2-year average): ^b																	
White	—	7.7	8.8	9.7	10.5	11.7	11.4	10.4	9.7	9.0	7.5	6.0	5.3	4.7	4.6	4.6	0.0
Black	—	1.4	1.8	2.6	2.8	3.2	3.7	3.8	3.8	3.2	2.8	2.8	2.9	2.7	2.1	1.9	-0.2
Hispanic	—	7.3	7.2	9.0	9.2	8.0	8.1	8.4	8.5	7.1	5.0	4.4	3.7	3.5	3.1	2.8	-0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-92
Cigarettes: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Tenth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	12.6	12.3	14.2	14.6	16.3	18.3	18.0	15.8	15.9	14.0	12.2	10.1	8.9	8.3	7.5	7.6	0.0
Gender:																	
Male	12.4	12.1	13.8	15.2	16.3	18.1	17.2	14.7	15.6	13.7	12.4	9.4	8.6	8.2	7.2	6.9	-0.3
Female	12.5	12.4	14.3	13.7	16.1	18.6	18.5	16.8	15.9	14.1	11.9	10.8	9.0	8.2	7.7	8.1	+0.4
College Plans:																	
None or under 4 years	25.7	25.5	28.9	28.9	32.7	34.3	35.4	31.7	32.1	28.8	27.3	22.9	22.1	21.4	19.2	21.7	+2.4
Complete 4 years	9.6	9.5	11.0	11.5	13.3	15.5	15.0	12.9	13.2	11.6	9.6	7.9	6.7	6.4	5.9	5.6	-0.2
Region:																	
Northeast	14.3	13.1	16.3	14.1	15.8	18.8	18.0	18.7	17.7	14.1	11.0	8.3	8.6	8.5	7.6	6.2	-1.4
North Central	14.3	14.3	15.1	16.9	17.6	20.6	19.5	17.3	19.6	16.3	13.2	11.5	10.2	7.4	8.6	10.3	+1.7
South	12.8	11.4	13.9	15.5	19.3	20.5	20.5	17.1	16.3	15.7	14.3	11.3	10.1	11.0	8.8	8.4	-0.4
West	9.1	10.7	10.9	9.7	9.4	10.7	11.1	8.8	9.1	7.8	7.0	7.8	6.0	5.2	4.0	4.2	+0.2
Population Density:																	
Large MSA	12.3	11.7	12.3	12.0	12.6	15.3	15.7	12.2	13.2	13.8	9.6	7.4	6.1	5.6	5.5	5.4	-0.1
Other MSA	11.7	11.6	13.6	15.5	17.5	18.8	16.9	15.1	15.5	12.1	11.6	10.4	8.7	8.1	7.0	6.7	-0.3
Non-MSA	14.3	14.5	16.9	15.5	18.4	20.8	22.5	21.1	19.7	17.5	16.3	13.1	13.7	12.3	11.4	13.2	+1.8
Parental Education: ^a																	
1.0-2.0 (Low)	16.0	17.8	19.3	15.5	20.0	19.3	17.7	17.4	20.1	18.9	12.9	14.1	15.3	11.4	9.9	12.5	+2.6
2.5-3.0	15.5	13.9	16.9	17.6	21.6	23.1	22.1	21.3	19.1	17.6	16.2	14.7	12.7	11.5	11.1	11.9	+0.7
3.5-4.0	12.0	11.8	13.6	15.9	17.0	19.4	18.9	14.9	16.6	14.2	12.2	10.0	8.8	9.3	7.9	7.8	-0.1
4.5-5.0	10.6	10.5	10.7	11.5	12.6	14.8	15.6	12.9	13.0	11.5	9.7	6.8	5.8	5.4	5.2	4.4	-0.8
5.5-6.0 (High)	9.6	9.0	10.5	9.6	10.3	13.6	12.0	11.1	11.2	9.8	8.3	6.4	4.5	4.2	4.4	4.3	-0.1
Race (2-year average): ^b																	
White	—	14.5	15.3	16.5	17.6	20.0	21.4	20.3	19.1	17.7	15.5	13.3	11.4	10.0	9.1	8.7	-0.4
Black	—	2.8	3.1	3.8	4.7	5.1	5.6	5.8	5.3	5.2	5.2	5.0	4.3	4.4	3.9	3.3	-0.6
Hispanic	—	8.4	8.9	8.1	9.9	11.6	10.8	9.4	9.1	8.8	7.4	6.4	6.0	6.0	5.9	5.3	-0.6

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-93
Cigarettes: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	26.9	28.8	28.8	27.5	25.4	21.3	20.3	21.1	21.2	18.7	19.5	18.7	18.7	18.1	18.9	19.1
Gender:																
Male	26.9	28.0	27.1	26.0	22.3	18.5	18.1	18.2	19.2	16.0	17.8	16.9	16.4	17.4	17.9	18.6
Female	26.4	28.8	30.0	28.3	27.8	23.5	21.7	23.2	22.2	20.5	20.6	19.8	20.6	18.1	19.4	19.3
College Plans:																
None or under 4 years	—	36.5	37.2	35.2	33.8	29.7	29.3	29.5	29.3	27.2	29.6	28.2	29.0	27.4	27.9	28.3
Complete 4 years	—	19.8	19.3	18.3	17.0	13.8	12.9	13.2	13.8	11.9	12.4	12.8	13.3	13.4	14.6	14.7
Region:																
Northeast	31.4	32.3	33.8	32.5	28.6	24.1	23.3	23.4	26.1	23.6	24.9	24.9	24.8	21.4	21.3	22.8
North Central	28.6	30.2	29.4	28.6	27.0	22.0	23.0	24.0	23.4	20.4	22.4	19.9	20.3	19.0	23.0	22.2
South	26.2	29.1	28.7	26.4	25.8	22.6	19.1	20.2	19.4	17.7	16.0	15.8	15.7	17.7	17.1	16.5
West	17.3	19.4	19.2	19.1	17.0	14.0	13.1	12.7	13.0	12.4	14.2	13.4	14.9	14.0	13.8	14.8
Population Density:																
Large MSA	30.8	30.4	30.9	29.2	24.5	21.6	21.9	23.5	22.1	21.5	21.9	20.6	20.3	18.0	16.7	19.0
Other MSA	25.6	27.1	27.2	25.7	25.0	21.3	19.0	19.3	20.2	17.4	17.7	17.0	17.6	17.7	19.0	19.0
Non-MSA	25.8	29.5	29.1	28.7	26.5	21.2	20.7	21.3	21.7	18.2	19.9	19.8	19.3	18.8	20.9	19.5
Parental Education: ^a																
1.0-2.0 (Low)	27.2	32.7	29.6	28.6	29.1	23.7	24.1	24.6	24.0	23.2	22.7	20.4	19.7	19.2	17.1	16.7
2.5-3.0	27.2	31.3	31.5	30.3	26.5	24.7	22.5	23.1	23.2	21.5	21.8	21.4	21.1	19.6	21.5	21.0
3.5-4.0	22.1	25.8	28.1	24.8	24.5	19.4	19.0	19.7	18.8	16.4	19.3	19.4	17.8	17.5	19.0	19.3
4.5-5.0	22.9	24.5	23.7	23.2	21.2	16.6	16.1	16.8	17.5	14.1	16.0	13.9	16.5	16.5	17.2	18.3
5.5-6.0 (High)	17.4	22.8	21.7	22.8	20.6	15.0	13.9	14.5	17.2	14.1	11.2	13.6	16.6	15.1	15.8	16.5
Race (2-year average): ^b																
White	—	—	28.9	28.3	26.9	23.9	21.4	21.6	22.1	21.0	20.4	20.6	20.5	20.6	21.1	21.8
Black	—	—	24.9	22.7	20.9	17.4	14.6	13.1	12.5	10.7	9.9	9.4	7.9	7.3	6.4	5.8
Hispanic	—	—	22.6	20.4	15.8	12.8	13.6	14.3	14.9	13.9	11.8	11.3	11.0	10.9	10.8	10.9

Cont'd 

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-93 (cont'd)
Cigarettes: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	18.5	17.2	19.0	19.4	21.6	22.2	24.6	22.4	23.1	20.6	19.0	16.9	15.8	15.6	13.6	12.2	-1.4
Gender:																	
Male	18.8	17.2	19.4	20.4	21.7	22.2	24.8	22.7	23.6	20.9	18.4	17.2	17.0	15.4	14.6	12.0	-2.6 ss
Female	17.9	16.7	18.2	18.1	20.8	21.8	23.6	21.5	22.2	19.7	18.9	16.1	14.0	15.0	11.9	11.8	-0.1
College Plans:																	
None or under 4 years	28.4	28.1	27.8	29.8	33.7	33.2	35.6	34.6	34.2	31.7	30.1	27.6	27.9	26.9	24.9	22.8	-2.1
Complete 4 years	14.1	12.9	15.9	15.7	17.4	18.9	20.6	18.4	19.5	16.6	15.5	13.8	12.1	12.2	10.5	9.4	-1.1
Region:																	
Northeast	20.9	19.4	23.5	21.3	22.5	27.0	29.4	23.4	23.2	22.8	21.9	18.4	16.4	16.2	13.3	14.3	+1.0
North Central	23.0	19.0	21.3	23.8	25.7	26.1	28.0	27.8	25.9	23.6	25.2	22.5	18.2	18.5	16.3	13.2	-3.1
South	16.4	16.7	18.5	19.3	21.7	20.5	22.6	21.8	24.2	19.4	15.5	16.6	16.3	15.8	15.4	13.3	-2.1
West	13.9	13.3	13.0	12.4	14.5	13.8	17.5	15.5	17.3	16.9	13.4	9.5	11.8	10.1	7.6	7.0	-0.5
Population Density:																	
Large MSA	16.7	16.6	17.3	17.7	21.3	20.7	23.7	20.6	18.6	16.7	17.4	15.0	11.5	12.6	11.4	10.3	-1.0
Other MSA	19.0	15.9	19.7	19.2	19.9	21.9	23.9	21.2	22.8	21.1	17.5	16.7	15.9	16.1	12.7	11.5	-1.3
Non-MSA	19.0	20.3	19.2	21.6	24.8	24.1	26.8	27.2	28.5	24.5	23.9	19.8	21.4	18.0	18.2	16.2	-2.0
Parental Education: ^a																	
1.0-2.0 (Low)	21.2	16.5	17.6	16.9	21.3	21.1	21.9	21.7	23.8	22.8	16.4	12.4	15.1	14.2	11.7	11.4	-0.3
2.5-3.0	19.8	20.4	20.2	22.4	24.6	24.4	26.0	24.7	26.9	22.9	21.9	19.8	18.3	19.4	18.3	16.1	-2.2
3.5-4.0	18.5	16.9	18.9	18.9	21.6	21.2	23.8	23.8	23.6	21.2	19.9	19.1	16.5	16.3	14.4	12.3	-2.1
4.5-5.0	16.2	15.0	18.9	18.7	19.7	22.4	24.9	20.6	20.6	18.6	17.9	14.1	13.0	13.7	11.7	10.4	-1.3
5.5-6.0 (High)	16.1	12.8	16.6	17.3	18.5	20.0	22.9	17.4	19.0	15.2	13.4	14.3	11.3	10.3	8.1	8.3	+0.2
Race (2-year average): ^b																	
White	21.5	20.5	21.4	22.9	23.9	25.4	27.8	28.3	26.9	25.7	23.8	21.8	19.5	18.3	17.1	15.3	-1.8
Black	5.1	4.2	4.1	4.9	6.1	7.0	7.2	7.4	7.7	8.0	7.5	6.4	5.4	5.2	5.6	5.7	0.0
Hispanic	11.5	12.5	11.8	10.6	11.6	12.9	14.0	13.6	14.0	15.7	12.0	9.2	8.0	8.2	7.7	7.0	-0.7

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-94
Cigarettes: Trends in Thirty-Day Prevalence of Use of Half-pack a Day or More
by Subgroups for Eighth Graders

	Percentage who used daily in last thirty days																'05-'06 change	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006		
	<i>Approx. N =</i>																	
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500		
Total	3.1	2.9	3.5	3.6	3.4	4.3	3.5	3.6	3.3	2.8	2.3	2.1	1.8	1.7	1.7	1.5	-0.1	
Gender:																		
Male	3.7	3.1	4.3	4.2	3.7	4.7	3.7	3.5	3.1	2.8	2.6	2.4	1.8	1.7	2.0	1.7	-0.3	
Female	2.4	2.7	2.7	2.9	3.2	3.7	3.1	3.3	3.3	2.6	2.0	1.9	1.7	1.7	1.3	1.3	0.0	
College Plans:																		
None or under 4 years	10.1	10.8	11.9	11.7	11.4	13.5	11.6	13.8	13.4	10.3	9.8	8.4	7.5	7.4	7.7	5.8	-1.9	
Complete 4 years	1.9	1.7	2.2	2.4	2.3	2.8	2.4	2.2	2.0	1.8	1.4	1.5	1.2	1.1	1.0	1.1	+0.1	
Region:																		
Northeast	3.3	2.8	2.7	3.7	3.7	4.1	3.7	2.1	3.1	3.3	2.6	1.7	1.0	1.4	1.4	1.2	-0.3	
North Central	3.3	3.2	3.5	3.9	4.4	5.3	4.1	4.6	5.7	3.4	3.1	2.7	2.1	2.3	2.2	1.9	-0.3	
South	3.4	3.3	4.6	3.9	3.6	4.5	3.7	4.8	2.9	2.8	2.7	2.5	2.6	1.8	1.9	2.1	+0.2	
West	1.9	2.0	2.2	2.6	1.8	2.7	2.2	1.6	1.2	1.3	0.7	0.9	0.8	1.2	0.9	0.6	-0.3	
Population Density:																		
Large MSA	2.4	2.3	2.1	3.0	2.5	3.7	2.7	2.3	1.8	2.1	1.5	1.3	1.0	1.3	1.0	0.9	-0.1	
Other MSA	3.3	3.2	3.7	3.9	3.6	3.8	3.2	3.2	2.8	2.2	2.1	2.2	1.7	1.6	1.5	1.6	+0.1	
Non-MSA	3.4	3.3	5.0	3.7	4.3	5.8	4.8	5.6	5.9	4.6	3.9	3.1	3.1	2.4	2.9	2.3	-0.6	
Parental Education: ^a																		
1.0-2.0 (Low)	7.9	6.5	6.4	5.1	8.2	6.5	6.4	6.2	6.2	7.1	5.2	4.6	3.7	5.6	2.9	3.6	+0.7	
2.5-3.0	3.7	3.4	3.9	4.9	4.1	6.4	4.8	5.2	4.8	3.8	3.6	2.8	2.9	2.1	2.8	2.4	-0.4	
3.5-4.0	2.5	2.6	3.6	3.4	3.6	3.2	3.5	3.7	3.4	2.3	2.0	2.2	1.8	1.5	1.9	1.3	-0.6	
4.5-5.0	1.6	1.8	2.3	2.6	2.0	2.8	2.2	2.0	1.5	1.4	0.9	1.2	0.7	0.8	0.6	1.0	+0.3	
5.5-6.0 (High)	1.8	1.5	2.2	2.2	1.5	2.7	1.8	2.1	1.8	1.5	1.4	1.1	0.9	0.6	0.5	0.6	+0.1	
Race (2-year average): ^b																		
White	—	3.3	3.8	4.2	4.2	4.6	4.6	4.2	4.0	3.6	3.2	2.8	2.3	1.9	1.9	1.9	0.0	
Black	—	0.4	0.7	1.0	0.9	1.3	1.4	1.2	1.3	1.0	1.1	1.1	1.2	1.1	0.9	0.8	-0.1	
Hispanic	—	2.7	2.5	3.1	3.3	2.7	2.4	2.8	3.0	2.3	1.4	1.3	1.5	1.4	1.1	0.7	-0.4	

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-95
Cigarettes: Trends in Thirty-Day Prevalence of Use of Half-pack a Day or More
by Subgroups for Tenth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	6.5	6.0	7.0	7.6	8.3	9.4	8.6	7.9	7.6	6.2	5.5	4.4	4.1	3.3	3.1	3.3	+0.2
Gender:																	
Male	6.9	6.5	7.8	8.2	8.7	9.9	8.9	8.1	7.8	6.7	6.0	4.1	4.3	3.5	2.9	3.1	+0.2
Female	6.0	5.1	6.2	6.7	7.7	9.0	8.2	7.8	7.3	5.6	5.1	4.6	3.8	2.9	3.2	3.3	0.0
College Plans:																	
None or under 4 years	15.9	15.3	18.5	18.5	20.9	22.4	22.0	20.6	18.9	16.0	16.0	11.5	12.3	10.8	9.4	12.0	+2.6
Complete 4 years	4.4	4.0	4.6	5.2	6.1	7.1	6.3	5.6	5.7	4.5	3.8	3.1	2.8	2.2	2.2	2.1	-0.1
Region:																	
Northeast	7.8	5.9	8.5	7.8	7.7	9.1	8.8	10.0	9.1	6.0	5.0	3.7	4.6	3.6	3.4	3.2	-0.2
North Central	7.1	7.3	7.7	8.3	9.5	10.9	9.3	9.1	9.9	8.1	6.0	4.8	5.0	3.0	3.3	4.5	+1.2
South	7.2	5.5	7.1	8.7	10.3	11.0	10.2	8.9	7.8	7.1	6.5	5.5	4.5	4.3	3.7	3.6	-0.1
West	4.0	5.0	4.3	4.2	3.4	5.0	4.4	3.0	3.0	2.2	3.3	2.5	2.3	1.8	1.7	1.3	-0.3
Population Density:																	
Large MSA	6.9	5.2	5.9	5.8	6.0	7.6	6.6	5.8	6.0	5.7	4.8	3.0	2.3	1.9	2.3	1.8	-0.5
Other MSA	5.8	5.8	6.7	8.5	9.2	9.5	8.0	7.7	7.6	5.6	5.0	4.7	4.0	3.3	2.6	3.0	+0.4
Non-MSA	7.6	6.9	8.7	7.8	9.2	11.5	12.0	11.0	9.4	7.8	7.5	5.7	7.3	5.2	5.4	6.3	+0.9
Parental Education: ^a																	
1.0-2.0 (Low)	9.9	10.7	10.8	8.1	12.0	12.1	10.8	9.0	11.3	10.7	7.6	7.4	8.6	6.6	4.6	7.1	+2.5
2.5-3.0	8.9	6.9	8.5	10.1	12.2	13.1	11.4	11.6	10.4	8.5	8.3	7.0	6.3	5.3	4.9	5.6	+0.7
3.5-4.0	5.8	5.4	7.3	8.0	8.6	10.2	8.8	7.4	7.4	5.9	5.3	4.0	4.2	3.8	3.2	3.1	-0.1
4.5-5.0	4.7	4.7	4.3	5.4	5.0	6.2	6.5	5.9	5.5	4.3	3.9	2.4	2.2	1.4	1.8	1.5	-0.3
5.5-6.0 (High)	4.5	3.7	3.9	4.0	4.0	5.7	4.8	5.4	4.5	3.6	2.6	2.0	1.4	1.0	1.6	1.6	0.0
Race (2-year average): ^b																	
White	—	7.4	7.7	8.6	9.3	10.5	11.0	10.4	9.9	8.5	7.1	6.2	5.5	4.7	3.9	3.8	-0.1
Black	—	0.8	0.6	1.2	1.8	1.6	1.7	1.8	1.5	1.9	1.7	1.2	1.0	1.0	1.2	1.3	+0.1
Hispanic	—	3.0	3.0	2.6	3.4	4.3	3.3	3.0	3.1	2.9	2.7	2.2	1.8	1.5	1.9	2.0	+0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-96
Cigarettes: Trends in Thirty-Day Prevalence of Use of Half-pack a Day or More
by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Approx. N =</i>	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Total	17.9	19.2	19.4	18.8	16.5	14.3	13.5	14.2	13.8	12.3	12.5	11.4	11.4	10.6	11.2	11.3
Gender:																
Male	19.6	19.9	19.7	18.9	15.4	13.5	12.8	13.1	13.1	11.0	12.3	10.7	10.1	11.1	11.2	11.6
Female	16.1	18.0	18.9	18.0	17.1	14.7	13.8	14.7	13.6	12.8	12.0	11.6	12.5	9.7	10.7	10.8
College Plans:																
None or under 4 years	—	25.5	26.9	25.5	23.3	21.2	20.8	21.0	20.9	19.6	20.7	19.2	19.5	18.4	18.6	19.2
Complete 4 years	—	11.9	11.2	11.1	9.8	8.2	7.5	7.8	7.6	6.5	6.5	6.4	7.2	6.8	7.5	7.5
Region:																
Northeast	22.0	22.5	24.2	23.6	19.8	17.0	16.6	15.6	16.6	17.4	17.0	15.6	16.5	13.1	13.6	13.8
North Central	18.8	20.3	20.3	19.8	17.4	15.4	16.0	17.3	17.1	13.0	14.9	12.3	12.3	11.5	14.2	13.7
South	16.8	19.0	18.5	17.0	16.1	14.5	12.0	13.3	12.4	11.3	9.7	10.0	9.4	10.1	9.7	9.4
West	11.3	12.4	11.5	12.2	10.8	8.3	7.3	7.1	6.4	7.4	7.6	6.5	8.1	7.7	6.9	8.3
Population Density:																
Large MSA	21.7	20.1	20.4	19.7	16.2	14.8	15.4	15.9	14.1	14.8	14.4	12.2	13.1	10.8	10.1	11.2
Other MSA	17.4	18.9	18.8	17.9	16.5	13.8	12.4	12.9	13.5	11.4	11.0	9.6	10.0	10.4	11.2	11.0
Non-MSA	15.9	19.0	19.5	19.3	16.7	14.7	13.6	14.2	14.0	11.5	12.9	13.3	12.5	10.7	12.1	12.1
Parental Education: ^a																
1.0-2.0 (Low)	18.6	21.3	20.0	19.2	19.5	16.3	16.0	17.1	17.1	16.4	16.1	15.6	13.8	11.2	11.5	10.2
2.5-3.0	17.7	21.4	22.2	21.0	17.6	16.8	15.6	15.9	15.2	14.8	14.2	13.3	13.9	12.4	13.5	13.4
3.5-4.0	13.9	17.4	18.3	16.9	15.2	12.8	12.5	13.3	11.9	10.5	12.0	11.0	10.5	10.3	10.7	11.6
4.5-5.0	15.9	15.9	14.8	15.4	12.6	10.3	10.1	10.1	10.5	8.0	9.5	6.8	8.9	8.6	9.2	10.2
5.5-6.0 (High)	9.1	15.9	14.6	14.5	13.6	9.8	8.8	9.3	9.3	7.9	5.4	7.4	8.4	8.3	8.4	7.9
Race (2-year average): ^b																
White	—	—	20.3	20.2	18.6	16.4	15.0	15.1	15.2	14.2	13.6	13.1	12.9	12.9	12.9	13.3
Black	—	—	10.7	9.7	9.1	7.1	5.8	5.4	4.9	4.1	3.9	3.6	2.9	2.3	1.9	1.8
Hispanic	—	—	11.3	9.0	6.4	5.6	6.1	5.6	5.9	6.1	5.3	5.0	4.1	3.5	4.2	4.2

Cont'd

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

TABLE D-96 (cont'd)
Cigarettes: Trends in Thirty-Day Prevalence of Use of Half-pack a Day or More
by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	Class of:																
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	10.7	10.0	10.9	11.2	12.4	13.0	14.3	12.6	13.2	11.3	10.3	9.1	8.4	8.0	6.9	5.9	-1.0 s
Gender:																	
Male	11.6	10.4	11.6	12.7	13.2	13.6	15.5	13.5	14.5	11.4	10.2	10.0	9.5	8.0	8.0	6.2	-1.8 ss
Female	9.5	9.2	9.9	9.5	11.1	12.0	12.6	11.1	11.5	10.8	10.2	7.9	6.6	7.5	5.3	5.2	-0.2
College Plans:																	
None or under 4 years	18.7	19.1	18.7	19.6	22.6	23.1	23.5	23.7	23.2	20.3	19.3	17.5	17.2	16.0	15.2	13.0	-2.2
Complete 4 years	7.1	6.5	8.1	8.2	8.9	10.0	11.0	8.9	10.1	8.1	7.6	6.7	5.5	5.6	4.6	3.9	-0.6
Region:																	
Northeast	12.9	11.1	14.7	12.2	13.4	17.0	19.4	13.6	13.4	13.6	12.3	10.9	8.7	9.0	7.5	7.9	+0.4
North Central	14.1	11.0	12.5	15.3	14.2	15.1	16.9	16.8	15.0	13.7	14.8	13.6	10.1	8.8	8.7	6.7	-2.0
South	8.9	10.2	10.4	10.8	12.6	12.0	12.3	11.8	13.9	10.6	7.6	8.6	8.9	8.9	7.6	6.0	-1.6
West	7.2	6.8	6.0	5.9	8.4	6.5	8.2	7.5	9.0	7.5	6.6	3.1	5.0	4.1	3.1	2.9	-0.1
Population Density:																	
Large MSA	10.2	9.9	9.1	10.2	12.3	11.6	12.8	11.0	9.6	8.2	9.4	7.6	5.4	6.0	5.2	4.8	-0.3
Other MSA	10.7	8.4	11.2	10.5	11.1	12.8	14.3	11.7	12.6	11.6	9.4	8.7	8.4	8.2	6.3	5.0	-1.4 s
Non-MSA	11.1	13.1	11.7	13.7	14.7	14.4	16.0	16.5	18.0	14.5	13.3	11.9	12.2	10.0	10.4	9.2	-1.1
Parental Education: ^a																	
1.0-2.0 (Low)	12.5	11.0	10.7	9.5	13.5	13.6	11.9	12.5	15.0	16.1	10.8	7.4	8.7	8.6	6.8	5.4	-1.3
2.5-3.0	12.4	12.7	12.5	13.7	15.1	14.8	16.4	14.9	16.6	13.8	12.5	12.0	10.5	10.9	10.0	8.4	-1.6
3.5-4.0	10.7	9.6	10.4	11.0	12.7	12.3	13.9	13.8	13.1	10.7	10.6	10.3	8.7	8.2	7.2	5.8	-1.4
4.5-5.0	7.9	8.1	10.0	10.4	9.8	12.6	14.5	10.3	10.7	9.3	9.2	6.8	5.7	6.1	5.1	4.6	-0.4
5.5-6.0 (High)	9.0	5.7	8.3	8.8	9.1	10.8	11.2	7.4	9.5	7.1	6.2	5.4	4.9	4.7	3.2	3.3	0.0
Race (2-year average): ^b																	
White	13.1	12.3	12.8	13.7	14.2	15.2	16.9	16.9	15.9	15.1	13.6	12.4	10.9	10.0	9.1	7.9	-1.2
Black	1.8	1.8	1.5	1.7	2.2	2.5	2.8	2.5	2.4	2.6	2.4	2.1	1.7	1.6	1.8	2.1	+0.3
Hispanic	4.0	4.6	4.5	4.0	4.1	5.3	5.8	5.2	5.8	7.0	5.3	3.8	3.0	2.9	2.9	2.6	-0.3

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-97
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	6.9	7.0	6.6	7.7	7.1	7.1	5.5	4.8	4.5	4.2	4.0	3.3	4.1	4.1	3.3	3.7	+0.3
Gender:																	
Male	12.7	12.5	10.9	12.8	11.8	11.4	9.9	8.1	6.9	6.7	6.9	5.4	6.7	6.4	5.3	5.3	0.0
Female	1.4	2.0	2.7	2.4	2.9	2.9	1.5	1.5	2.1	1.8	1.4	1.3	1.8	1.7	1.5	2.1	+0.6
College Plans:																	
None or under 4 years	12.7	17.1	15.5	16.7	15.4	16.4	12.6	13.9	13.2	11.4	14.6	10.2	12.8	12.3	10.8	11.3	+0.5
Complete 4 years	6.1	5.5	5.3	6.5	6.0	5.6	4.6	3.8	3.5	3.4	2.9	2.6	3.3	3.2	2.4	2.9	+0.4
Region:																	
Northeast	5.0	4.9	3.4	6.1	5.4	4.9	3.2	2.7	2.5	2.7	3.7	2.7	3.1	3.4	1.4	2.9	+1.5
North Central	7.1	7.5	7.2	7.1	7.6	8.3	6.8	4.3	5.3	4.8	4.0	3.9	3.5	4.2	3.2	4.0	+0.7
South	9.5	9.3	8.0	9.9	8.7	8.1	6.7	6.9	5.9	5.8	5.4	4.1	5.9	5.5	5.3	4.6	-0.7
West	3.5	4.4	6.3	6.0	5.0	5.9	4.1	3.9	2.9	1.9	2.1	1.5	2.5	2.0	1.4	2.2	+0.7
Population Density:																	
Large MSA	4.8	4.2	3.3	4.6	4.1	4.2	3.6	2.9	1.8	2.4	2.4	1.5	2.6	1.9	1.3	1.9	+0.6
Other MSA	6.2	6.9	6.8	6.4	6.7	7.1	4.7	4.1	3.9	3.9	3.5	2.9	3.7	3.6	2.8	3.1	+0.4
Non-MSA	10.4	10.3	9.9	13.0	11.2	10.6	9.0	8.5	8.9	7.0	7.0	6.2	6.9	7.7	7.0	7.1	+0.1
Parental Education: ^a																	
1.0-2.0 (Low)	11.4	7.8	9.4	8.9	10.6	6.3	8.3	5.4	6.6	7.4	5.0	4.5	6.8	6.9	5.7	5.9	+0.2
2.5-3.0	8.4	8.5	7.5	8.4	9.9	8.8	6.0	5.1	5.7	5.2	5.4	5.1	5.1	6.0	4.9	3.9	-1.0
3.5-4.0	6.7	7.0	7.5	8.7	7.0	7.2	6.5	5.9	4.5	4.5	3.7	3.2	4.1	3.5	3.1	3.7	+0.6
4.5-5.0	4.8	7.0	5.2	6.1	5.0	6.8	4.8	4.4	3.3	2.9	2.5	2.4	3.1	3.2	2.4	3.1	+0.8
5.5-6.0 (High)	6.1	4.6	4.9	6.8	5.8	5.9	3.7	3.9	3.1	3.0	4.2	2.5	2.7	2.9	1.8	3.4	+1.6
Race (2-year average): ^b																	
White	—	8.3	8.0	8.1	8.9	8.8	7.6	6.1	5.4	5.2	4.8	4.1	3.9	4.4	4.2	3.7	-0.5
Black	—	1.8	2.7	3.2	2.6	2.2	2.6	2.3	2.3	2.7	2.2	1.6	2.7	3.0	2.0	2.1	+0.1
Hispanic	—	4.2	4.0	5.0	5.7	5.2	4.6	4.5	4.6	3.7	3.3	4.0	4.7	4.0	2.6	3.1	+0.5

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991-96 and on two of four forms beginning in 1997; N is one-half of N indicated in Table D-106.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-98
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	10.0	9.6	10.4	10.5	9.7	8.6	8.9	7.5	6.5	6.1	6.9	6.1	5.3	4.9	5.6	5.7	+0.1
Gender:																	
Male	18.7	18.1	19.3	19.2	17.2	15.0	14.9	13.8	12.2	11.4	12.7	9.9	9.6	9.0	9.7	10.2	+0.6
Female	1.3	1.8	2.0	2.1	2.1	2.3	2.7	1.7	1.3	1.3	1.6	2.1	1.3	1.0	1.6	1.2	-0.4
College Plans:																	
None or under 4 years	16.9	17.5	20.2	19.9	20.3	16.3	18.5	17.8	13.2	13.9	16.0	13.6	13.0	12.2	13.3	14.9	+1.6
Complete 4 years	8.4	8.0	8.4	8.5	7.8	7.2	7.2	5.7	5.4	4.8	5.4	4.8	4.1	3.9	4.5	4.5	0.0
Region:																	
Northeast	8.6	5.3	8.0	9.0	7.6	6.8	9.3	6.5	5.2	4.6	4.9	4.7	4.5	5.1	4.6	4.5	-0.1
North Central	11.0	9.6	10.0	10.0	11.0	9.5	7.1	7.9	8.1	6.2	7.0	4.8	4.9	3.7	5.7	7.5	+1.8
South	11.6	11.4	11.8	11.7	10.9	10.2	10.2	9.5	7.9	7.7	9.6	8.3	7.5	7.3	7.0	6.0	-1.1
West	7.8	10.9	11.1	10.9	7.7	6.0	8.2	4.6	4.0	4.5	3.0	5.1	3.5	3.0	4.5	4.1	-0.3
Population Density:																	
Large MSA	5.9	6.4	6.5	6.2	5.9	5.5	4.2	3.7	4.6	5.6	4.1	4.5	3.7	3.0	3.2	3.9	+0.7
Other MSA	9.2	9.3	10.1	10.9	9.2	8.4	8.3	5.7	5.3	4.3	5.7	6.1	4.8	4.3	5.3	5.3	0.0
Non-MSA	14.7	13.3	14.1	13.9	15.0	12.2	14.7	15.1	11.3	9.8	12.5	8.2	9.2	9.0	9.4	9.6	+0.2
Parental Education: ^a																	
1.0-2.0 (Low)	6.6	10.1	10.9	9.4	9.6	8.1	9.0	6.8	7.2	7.4	6.9	6.7	7.4	3.7	4.4	7.4	+2.9
2.5-3.0	12.1	11.0	12.2	12.5	10.4	9.7	9.4	8.2	7.0	6.4	8.9	8.1	5.0	5.8	6.7	7.1	+0.4
3.5-4.0	10.6	10.5	10.9	10.2	10.9	8.3	10.3	8.6	7.3	6.3	7.1	5.5	4.9	5.2	6.0	5.7	-0.3
4.5-5.0	9.3	7.6	9.9	9.8	9.8	8.5	7.2	6.9	6.1	6.2	5.7	5.4	5.7	4.4	5.6	4.9	-0.7
5.5-6.0 (High)	8.6	8.1	7.0	8.9	6.0	7.7	8.3	5.2	4.8	4.0	4.8	5.2	4.3	4.4	3.8	5.3	+1.4
Race (2-year average): ^b																	
White	—	11.4	12.0	12.5	12.0	11.0	10.4	10.0	8.7	7.5	7.5	7.8	6.9	6.1	6.6	6.9	+0.3
Black	—	2.9	2.3	2.3	2.5	2.5	2.8	2.3	1.6	2.0	3.2	2.6	2.5	2.7	2.5	3.2	+0.7
Hispanic	—	6.2	6.1	4.3	3.6	4.0	4.6	4.8	4.8	4.5	4.0	4.0	4.1	3.3	3.1	3.4	+0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: *s* = .05, *ss* = .01, *sss* = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991-96 and on two of four forms beginning in 1997; N is one-half of N indicated in Table D-107.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-99
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990 ^a
<i>Approx. N =</i>	—	—	—	—	—	—	—	—	—	—	—	15,200	16,300	16,300	16,700	—
Total	—	—	—	—	—	—	—	—	—	—	—	11.5	11.3	10.3	8.4	—
Gender:																
Male	—	—	—	—	—	—	—	—	—	—	—	22.3	22.8	19.9	15.9	—
Female	—	—	—	—	—	—	—	—	—	—	—	1.6	0.7	1.7	1.2	—
College Plans:																
None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	14.5	15.5	13.1	9.6	—
Complete 4 years	—	—	—	—	—	—	—	—	—	—	—	9.8	9.0	8.8	7.7	—
Region:																
Northeast	—	—	—	—	—	—	—	—	—	—	—	9.5	7.3	5.9	5.0	—
North Central	—	—	—	—	—	—	—	—	—	—	—	13.5	11.3	10.8	8.3	—
South	—	—	—	—	—	—	—	—	—	—	—	12.2	13.7	12.1	9.8	—
West	—	—	—	—	—	—	—	—	—	—	—	9.3	11.7	10.9	9.1	—
Population Density:																
Large MSA	—	—	—	—	—	—	—	—	—	—	—	9.0	6.4	7.7	6.8	—
Other MSA	—	—	—	—	—	—	—	—	—	—	—	8.9	10.5	8.5	7.6	—
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	17.1	17.5	16.1	11.7	—
Parental Education: ^b																
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	8.6	11.7	10.7	5.3	—
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	14.4	11.5	10.7	7.0	—
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	11.5	12.1	10.6	9.0	—
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	10.4	11.7	11.8	10.2	—
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	7.7	8.1	7.2	8.4	—
Race (2-year average): ^c																
White	—	—	—	—	—	—	—	—	—	—	—	—	12.9	12.0	10.6	—
Black	—	—	—	—	—	—	—	—	—	—	—	—	2.1	4.5	4.5	—
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	4.4	5.2	5.1	—

Cont'd

TABLE D-99 (cont'd)
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																'05-'06 change
	1991 ^a	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	Class of:																
Approx. N =	—	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	11.4	10.7	11.1	12.2	9.8	9.7	8.8	8.4	7.6	7.8	6.5	6.7	6.7	7.6	6.1	-1.5
Gender:																	
Male	—	20.8	19.7	20.3	23.6	19.5	18.7	15.6	15.5	14.4	14.2	12.2	12.5	12.2	12.7	11.0	-1.7
Female	—	2.0	2.3	2.6	1.8	1.1	1.2	1.5	1.3	1.3	1.6	1.2	1.0	1.6	1.9	1.5	-0.4
College Plans:																	
None or under 4 years	—	18.0	14.9	15.8	18.7	17.6	16.9	14.3	10.5	15.8	13.0	10.8	12.8	11.9	15.2	13.4	-1.8
Complete 4 years	—	9.4	9.4	9.3	9.9	7.6	7.4	7.1	7.6	5.4	6.1	4.8	4.8	4.9	5.4	4.1	-1.3
Region:																	
Northeast	—	8.2	9.6	12.0	9.6	8.4	6.9	2.6	4.3	5.3	5.4	5.3	6.3	5.1	8.0	5.3	-2.7
North Central	—	12.3	13.6	14.7	16.7	12.6	13.4	11.8	8.9	11.1	9.9	7.8	5.7	7.4	10.5	7.0	-3.5
South	—	12.5	11.1	9.7	11.9	9.2	9.0	10.5	10.7	7.3	8.5	7.9	7.9	8.4	7.5	7.5	-0.1
West	—	11.1	7.0	8.5	8.6	8.5	9.1	7.3	7.0	6.3	6.2	3.9	6.0	4.3	4.0	3.4	-0.6
Population Density:																	
Large MSA	—	5.9	7.1	7.5	12.5	8.6	6.5	4.7	4.9	4.2	4.4	3.4	3.4	3.8	4.3	4.8	+0.4
Other MSA	—	11.1	9.9	11.3	9.5	7.4	7.4	7.7	8.5	7.9	8.0	5.7	6.9	5.6	7.8	4.6	-3.2
Non-MSA	—	16.9	15.0	14.7	16.7	15.3	17.9	16.1	11.7	11.4	11.5	11.9	10.4	12.1	11.3	10.9	-0.4
Parental Education: ^b																	
1.0-2.0 (Low)	—	14.9	7.0	12.3	9.8	6.3	5.8	6.1	5.4	4.3	6.3	4.1	9.3	6.1	5.3	4.9	-0.4
2.5-3.0	—	12.4	11.6	12.9	11.5	10.4	10.7	9.0	9.1	9.9	7.5	5.6	5.9	8.8	9.7	8.0	-1.7
3.5-4.0	—	12.4	10.8	9.8	12.8	9.1	10.4	9.8	8.8	8.9	8.6	7.4	6.5	4.6	7.8	6.4	-1.4
4.5-5.0	—	8.0	13.3	11.1	12.8	11.4	9.1	9.6	8.5	6.2	6.2	7.3	7.6	7.9	8.0	6.1	-1.8
5.5-6.0 (High)	—	10.6	7.8	10.2	11.6	8.1	9.9	7.4	7.9	5.7	10.3	4.6	6.2	5.4	3.7	3.5	-0.2
Race (2-year average): ^c																	
White	—	—	13.8	13.8	13.8	13.0	12.2	11.8	11.0	10.5	10.3	9.7	8.5	8.2	8.7	8.8	+0.1
Black	—	—	2.0	1.9	2.1	2.7	2.2	1.4	1.5	1.5	1.2	1.0	1.0	0.6	0.3	0.5	+0.2
Hispanic	—	—	6.0	5.4	7.6	8.1	5.3	4.3	3.9	3.8	3.2	2.6	3.1	3.9	4.9	3.8	-1.1

(Table continued on next page)

TABLE D-99 (cont'd)
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of six forms; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aPrevalence of smokeless tobacco use was not asked of 12th graders in 1990 and 1991. Prior to 1990 the prevalence-of-use question on smokeless tobacco was located near the end of one 12th-grade questionnaire form, whereas after 1991 the question was placed earlier and in a different form. This shift could explain the discontinuities between the corresponding data.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-100
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Eighth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	1.6	1.8	1.5	1.9	1.2	1.5	1.0	1.0	0.9	0.9	1.2	0.8	0.8	1.0	0.7	0.7	+0.1
Gender:																	
Male	3.1	3.4	2.9	3.2	2.2	2.9	1.7	1.8	1.6	1.5	2.5	1.5	1.4	1.7	1.2	1.1	-0.1
Female	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.1	0.2	0.2	0.3	0.2	0.3	+0.1
College Plans:																	
None or under 4 years	4.1	5.6	4.4	5.4	3.5	5.1	3.6	6.1	3.8	2.7	4.5	4.5	4.0	3.8	2.4	4.0	+1.7
Complete 4 years	1.2	1.2	1.1	1.4	0.9	1.0	0.6	0.5	0.5	0.7	0.9	0.5	0.5	0.7	0.5	0.4	-0.1
Region:																	
Northeast	1.2	0.9	0.6	0.8	0.6	0.8	0.6	0.4	0.1	0.4	0.7	0.6	0.8	1.0	0.1	0.6	+0.5
North Central	1.5	1.6	1.6	1.4	1.1	2.0	1.2	1.3	0.9	1.3	1.1	1.1	0.6	0.6	0.3	0.5	+0.2
South	2.4	3.0	2.2	3.3	1.8	2.0	1.5	1.3	1.6	1.3	2.1	1.0	1.3	1.7	1.4	1.1	-0.3
West	0.6	0.8	1.0	0.9	0.8	0.8	0.2	0.7	0.3	0.2	0.1	0.2	0.2	0.3	0.2	0.4	+0.2
Population Density:																	
Large MSA	0.5	0.6	0.7	0.7	0.4	0.4	0.5	0.4	0.3	0.2	0.3	0.4	0.7	0.4	*	0.3	+0.2
Other MSA	1.2	1.9	1.5	1.0	0.9	1.2	0.8	0.6	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.6	+0.1
Non-MSA	3.3	2.8	2.5	4.6	2.6	3.4	1.6	2.6	1.8	2.0	2.9	1.8	1.5	2.6	1.9	1.6	-0.3
Parental Education: ^a																	
1.0-2.0 (Low)	2.8	3.5	2.0	3.0	2.2	1.5	3.2	2.6	0.9	1.4	1.8	2.2	1.8	2.8	1.4	1.3	-0.1
2.5-3.0	2.2	2.6	1.9	2.7	1.7	3.1	1.1	1.5	1.6	1.4	2.1	1.0	1.0	1.1	0.5	0.9	+0.3
3.5-4.0	1.4	1.2	1.8	1.9	1.2	1.7	0.9	1.3	0.8	1.3	0.3	1.0	0.8	0.8	0.8	0.7	-0.1
4.5-5.0	0.8	1.3	1.1	1.1	0.9	0.3	0.8	0.5	0.5	0.4	0.5	0.3	0.2	0.7	0.8	0.6	-0.3
5.5-6.0 (High)	1.0	0.9	0.6	0.7	0.8	0.8	0.4	0.5	0.4	0.4	1.7	0.9	1.1	0.8	0.4	0.5	+0.2
Race (2-year average): ^b																	
White	—	2.0	2.0	2.0	1.9	1.7	1.5	1.2	1.1	1.1	1.2	1.0	0.7	0.9	0.9	0.7	-0.2
Black	—	0.3	0.4	0.7	0.6	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.2	0.5	+0.3
Hispanic	—	0.8	0.9	0.9	0.7	1.1	0.9	0.8	1.0	0.8	0.8	0.8	0.9	0.9	0.4	0.5	+0.1

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available. '**' indicates less than .05 percent but greater than 0 percent.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991-96 and on two of four forms beginning in 1997; N is one-half of N indicated in Table D-106.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-101
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Tenth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	3.3	3.0	3.3	3.0	2.7	2.2	2.2	2.2	1.5	1.9	2.2	1.7	1.8	1.6	1.9	1.7	-0.2
Gender:																	
Male	6.3	6.3	6.4	5.9	5.2	4.2	4.0	4.3	3.2	3.9	4.5	3.0	3.7	3.0	3.4	3.3	-0.1
Female	0.2	0.1	0.3	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.3	0.2	0.1	0.2	0.3	*	-0.3
College Plans:																	
None or under 4 years	7.6	8.5	8.8	6.5	7.8	5.4	6.3	6.4	3.6	5.9	6.6	4.6	4.8	5.0	5.4	6.8	+1.4
Complete 4 years	2.3	1.9	2.2	2.2	1.9	1.6	1.5	1.5	1.2	1.2	1.5	1.0	1.3	1.1	1.3	1.0	-0.3
Region:																	
Northeast	1.8	1.0	1.7	3.0	2.0	1.3	1.5	1.2	1.2	0.9	1.1	0.8	1.6	2.1	1.3	0.8	-0.6
North Central	3.1	2.9	2.5	2.4	2.5	2.1	1.4	2.1	2.0	2.1	2.1	1.3	1.3	0.8	1.7	2.2	+0.5
South	4.7	4.5	5.2	3.3	4.1	3.3	3.5	3.8	2.0	2.8	3.6	2.6	3.0	2.6	2.8	2.3	-0.5
West	2.7	2.9	3.1	3.6	1.1	1.0	1.7	0.8	0.7	1.0	0.9	1.1	0.8	0.6	1.2	0.9	-0.3
Population Density:																	
Large MSA	1.5	1.6	1.1	1.0	1.5	0.6	0.8	1.0	0.8	1.6	0.8	1.3	1.2	0.8	0.8	1.1	+0.3
Other MSA	3.1	2.8	3.2	3.5	2.3	2.3	1.7	1.5	1.0	1.0	1.7	1.4	1.5	1.3	1.4	1.4	+0.1
Non-MSA	5.0	4.9	5.3	4.2	4.9	3.6	4.6	5.0	3.5	3.8	5.0	2.6	3.5	3.4	4.2	3.2	-1.0
Parental Education: ^a																	
1.0-2.0 (Low)	2.5	3.9	4.1	3.2	3.6	1.7	3.8	2.6	1.7	2.4	3.8	1.7	1.7	1.5	2.0	3.6	+1.6
2.5-3.0	4.8	5.0	4.3	3.8	3.4	3.4	2.0	2.8	1.7	2.3	3.2	1.2	2.1	1.8	2.6	2.9	+0.2
3.5-4.0	3.3	2.8	3.1	3.0	2.8	1.4	2.4	2.7	1.6	1.6	1.5	2.0	1.9	2.4	2.0	1.3	-0.6
4.5-5.0	2.5	1.7	2.5	2.7	2.9	2.3	1.7	1.8	1.6	1.9	1.9	1.5	1.7	0.7	1.7	1.1	-0.6
5.5-6.0 (High)	2.5	1.6	2.7	1.7	1.0	1.4	1.9	0.7	0.8	0.8	1.9	1.3	1.4	0.9	1.2	1.3	+0.1
Race (2-year average): ^b																	
White	—	3.8	3.9	3.8	3.3	2.9	2.5	2.7	2.4	2.1	2.4	2.3	2.1	2.1	2.1	2.2	+0.1
Black	—	0.5	0.4	0.6	0.5	0.4	0.4	0.4	0.3	0.4	0.9	0.8	0.4	0.6	0.8	0.8	-0.1
Hispanic	—	1.1	1.0	0.8	1.2	1.2	1.3	1.3	0.8	0.8	1.0	0.5	0.4	0.9	1.0	0.7	-0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

'—' indicates data not available. '**' indicates less than .05 percent but greater than 0 percent.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of two forms in 1991-96 and on two of four forms beginning in 1997; N is one-half of N indicated in Table D-107.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-102
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days															Cont'd
	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990 ^a
<i>Approx. N =</i>	—	—	—	—	—	—	—	—	—	—	—	15,200	16,300	16,300	16,700	—
Total	—	—	—	—	—	—	—	—	—	—	—	4.7	5.1	4.3	3.3	—
Gender:																
Male	—	—	—	—	—	—	—	—	—	—	—	10.0	10.7	8.6	6.8	—
Female	—	—	—	—	—	—	—	—	—	—	—	0.1	0.1	0.5	0.0	—
College Plans:																
None or under 4 years	—	—	—	—	—	—	—	—	—	—	—	7.1	7.8	5.8	4.2	—
Complete 4 years	—	—	—	—	—	—	—	—	—	—	—	3.3	3.7	3.5	2.7	—
Region:																
Northeast	—	—	—	—	—	—	—	—	—	—	—	4.6	2.1	2.3	1.3	—
North Central	—	—	—	—	—	—	—	—	—	—	—	4.5	4.5	3.5	2.2	—
South	—	—	—	—	—	—	—	—	—	—	—	6.1	7.4	6.3	4.2	—
West	—	—	—	—	—	—	—	—	—	—	—	2.9	5.5	4.0	4.9	—
Population Density:																
Large MSA	—	—	—	—	—	—	—	—	—	—	—	3.4	3.3	3.0	3.0	—
Other MSA	—	—	—	—	—	—	—	—	—	—	—	3.3	4.3	2.5	2.8	—
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	7.8	8.5	8.9	4.6	—
Parental Education: ^b																
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.9	5.6	5.3	1.8	—
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	7.6	6.9	3.2	3.9	—
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	3.5	4.7	5.4	3.1	—
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	3.9	5.0	4.7	4.6	—
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.3	2.1	3.5	1.2	—
Race (2-year average): ^c																
White	—	—	—	—	—	—	—	—	—	—	—	—	5.8	5.4	4.5	—
Black	—	—	—	—	—	—	—	—	—	—	—	—	0.6	1.0	0.5	—
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	0.8	2.1	2.1	—

TABLE D-102 (cont'd)
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days																'05-'06 change
	1991 ^a	Class of:															
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<i>Approx. N =</i>	—	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	4.3	3.3	3.9	3.6	3.3	4.4	3.2	2.9	3.2	2.8	2.0	2.2	2.8	2.5	2.2	-0.3
Gender:																	
Male	—	7.8	6.4	7.2	7.2	7.1	8.6	6.0	5.7	6.5	5.6	4.3	4.6	5.6	4.7	4.3	-0.4
Female	—	0.5	0.4	0.3	0.1	0.1	0.2	0.0	0.0	0.4	0.3	0.0	0.0	0.2	0.2	0.1	-0.1
College Plans:																	
None or under 4 years	—	7.4	4.3	6.6	6.5	6.8	9.1	6.5	3.4	7.9	4.7	2.4	5.3	5.0	7.1	6.1	-1.0
Complete 4 years	—	3.3	3.1	2.8	2.7	2.6	2.7	2.3	2.6	2.0	2.1	1.4	1.4	2.0	1.5	1.2	-0.3
Region:																	
Northeast	—	1.8	1.9	4.5	2.2	3.2	3.5	0.5	1.0	1.3	1.5	1.6	2.7	1.9	2.1	1.9	-0.2
North Central	—	4.0	4.4	4.7	4.9	4.1	7.0	4.0	3.4	5.0	2.8	2.2	1.1	3.0	3.8	2.1	-1.8
South	—	5.4	4.0	3.5	4.2	3.1	3.6	4.6	4.0	4.0	3.8	2.4	2.6	3.7	2.7	3.0	+0.3
West	—	5.1	1.7	3.2	1.6	2.9	3.0	1.8	1.9	1.6	2.6	1.3	2.2	1.7	1.0	1.0	0.0
Population Density:																	
Large MSA	—	2.0	1.7	2.0	2.1	2.6	3.3	0.9	0.5	0.9	1.4	0.4	0.5	0.8	1.0	1.4	+0.5
Other MSA	—	4.2	3.0	3.6	3.2	1.9	3.3	2.4	3.1	3.7	2.6	2.0	2.2	2.2	2.4	1.6	-0.8
Non-MSA	—	6.5	5.2	6.7	5.8	6.7	7.7	7.6	4.9	5.3	5.0	3.8	4.2	6.2	4.8	4.4	-0.5
Parental Education: ^b																	
1.0-2.0 (Low)	—	6.7	3.9	6.6	2.7	2.2	1.3	2.2	2.1	2.9	4.0	2.2	4.9	3.0	2.2	1.3	-0.8
2.5-3.0	—	4.8	3.5	3.8	4.7	3.6	5.8	5.2	3.7	4.2	3.2	1.7	1.4	4.2	3.5	3.3	-0.1
3.5-4.0	—	5.2	3.3	3.3	2.9	3.6	3.7	2.6	3.5	3.9	2.8	2.1	2.0	2.0	3.7	1.7	-2.0
4.5-5.0	—	2.4	3.7	3.9	3.5	4.6	3.9	3.0	1.9	2.1	2.7	2.4	2.8	2.6	1.8	2.6	+0.8
5.5-6.0 (High)	—	2.6	1.8	2.7	2.7	1.1	5.0	2.5	2.1	2.5	2.5	0.2	1.8	1.9	0.4	1.3	+1.0
Race (2-year average): ^c																	
White	—	—	4.8	4.7	4.6	4.1	5.0	5.2	4.3	4.3	4.4	3.5	2.9	3.2	3.5	3.4	-0.2
Black	—	—	0.3	0.7	0.6	0.3	0.2	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.2	+0.2
Hispanic	—	—	1.6	0.7	1.2	2.2	1.9	0.8	0.4	0.9	0.6	0.3	0.7	1.1	0.7	0.4	-0.3

(Table continued on next page)

TABLE D-102 (cont'd)
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$.

'—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table.

Data based on one of six forms; N is one-sixth of N indicated in Table D-108.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aPrevalence of smokeless tobacco use was not asked of 12th graders in 1990 and 1991. Prior to 1990 the prevalence-of-use question on smokeless tobacco was located near the end of one 12th-grade questionnaire form, whereas after 1991 the question was placed earlier and in a different form. This shift could explain the discontinuities between the corresponding data.

^bParental education is an average score of mother's education and father's education. See Appendix B for details.

^cTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-103
Steroids: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500	
Total	1.0	1.1	0.9	1.2	1.0	0.9	1.0	1.2	1.7	1.7	1.6	1.5	1.4	1.1	1.1	0.9	-0.2
Gender:																	
Male	1.8	1.7	1.4	1.8	1.3	1.1	1.3	1.6	2.5	2.2	2.3	1.8	1.8	1.3	1.2	1.2	-0.1
Female	0.3	0.5	0.3	0.6	0.8	0.7	0.7	0.7	0.9	1.0	1.0	1.2	1.1	1.0	0.9	0.6	-0.3
College Plans:																	
None or under 4 years	2.2	2.4	2.2	2.5	2.2	1.5	2.4	2.8	4.0	3.6	3.1	3.6	2.7	3.2	2.4	2.4	0.0
Complete 4 years	0.8	0.9	0.7	1.0	0.9	0.8	0.8	1.0	1.4	1.5	1.5	1.3	1.3	0.9	0.9	0.7	-0.2
Region:																	
Northeast	0.7	1.1	0.6	1.0	1.0	1.1	1.0	1.1	1.6	1.7	1.8	1.2	1.1	0.8	0.6	0.6	0.0
North Central	1.1	1.2	1.0	1.0	1.1	0.8	1.0	1.2	1.6	1.8	1.7	1.6	1.7	1.2	1.1	0.8	-0.2
South	1.2	1.1	1.0	1.6	1.1	0.9	0.9	1.4	1.9	1.8	1.9	1.9	1.6	1.3	1.3	1.1	-0.2
West	0.7	0.9	0.7	1.0	1.0	0.8	1.1	0.9	1.4	1.3	0.9	1.2	1.2	1.0	1.0	0.7	-0.3
Population Density:																	
Large MSA	0.8	1.0	0.8	0.9	0.9	0.8	0.9	1.0	1.3	1.6	1.6	1.1	1.0	1.0	0.8	0.8	0.0
Other MSA	1.2	1.2	0.9	1.2	1.2	0.9	0.9	1.2	1.9	1.5	1.7	1.6	1.5	1.1	1.1	0.8	-0.3
Non-MSA	1.0	0.9	0.9	1.5	0.9	0.9	1.2	1.4	1.7	2.0	1.6	2.1	1.8	1.3	1.3	1.2	-0.1
Parental Education: ^a																	
1.0-2.0 (Low)	1.8	1.2	1.2	1.6	1.3	0.9	1.4	1.7	2.2	2.5	2.0	1.8	1.3	1.5	2.1	1.0	-1.1 s
2.5-3.0	1.1	1.2	0.8	1.6	1.3	0.7	0.9	1.1	1.9	2.1	1.6	1.7	1.9	1.4	1.0	0.9	0.0
3.5-4.0	1.0	1.0	1.1	1.3	0.8	0.9	1.2	1.4	1.6	1.3	1.9	1.9	1.6	1.0	1.1	1.0	-0.1
4.5-5.0	0.7	0.9	0.8	0.8	0.8	1.2	0.9	1.1	1.4	1.6	1.5	1.0	1.3	1.2	1.1	0.7	-0.4
5.5-6.0 (High)	1.0	1.3	0.6	0.9	1.5	0.9	1.2	1.1	2.0	1.6	1.7	1.6	1.0	0.7	0.7	1.1	+0.4
Race (2-year average): ^b																	
White	—	1.1	1.0	1.0	1.1	0.9	0.9	1.1	1.5	1.9	1.8	1.7	1.6	1.3	1.0	0.9	-0.1
Black	—	0.7	0.6	0.8	0.9	0.7	0.6	0.7	0.8	0.7	0.8	1.2	1.2	0.9	0.9	0.8	-0.1
Hispanic	—	1.2	1.1	1.1	1.3	1.5	1.4	1.4	1.8	1.8	1.5	1.5	1.7	1.7	1.2	0.9	-0.4

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-106 for the number of subgroup cases. See Appendix B for definition of variables in table.

In 2006, the question text was changed slightly in half of the questionnaire forms. An examination of the data did not show any effect from the wording change.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-104
Steroids: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months																'05-'06 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	<i>Approx. N =</i>																
	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200	
Total	1.1	1.1	1.0	1.1	1.2	1.2	1.2	1.2	1.7	2.2	2.1	2.2	1.7	1.5	1.3	1.2	-0.1
Gender:																	
Male	1.9	1.9	1.7	1.9	2.0	1.7	1.8	1.9	2.8	3.6	3.3	3.2	2.3	2.3	1.8	1.9	+0.1
Female	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	0.7	0.8	1.0	1.2	1.1	0.9	0.7	0.5	-0.2
College Plans:																	
None or under 4 years	1.7	1.3	1.9	2.1	2.1	2.1	2.4	1.9	2.6	3.6	3.2	3.0	2.7	2.9	1.9	2.3	+0.4
Complete 4 years	0.9	1.0	0.8	0.9	1.1	1.0	1.0	1.1	1.6	1.9	1.9	2.1	1.5	1.4	1.2	1.1	-0.1
Region:																	
Northeast	1.2	0.9	1.0	1.0	1.1	1.0	0.9	1.4	2.0	1.8	1.9	2.0	1.9	1.4	1.5	0.9	-0.6
North Central	1.0	1.1	1.2	1.1	1.2	1.4	1.2	1.1	1.8	2.1	1.5	1.8	1.9	1.4	1.2	1.2	0.0
South	1.0	1.2	1.0	1.3	1.3	1.4	1.4	1.4	1.7	2.5	2.5	2.5	1.5	1.9	1.5	1.6	+0.1
West	1.0	1.2	0.8	1.1	1.3	0.6	1.3	0.9	1.4	2.1	2.3	2.4	1.4	1.4	0.9	0.9	0.0
Population Density:																	
Large MSA	1.5	0.9	0.8	0.8	0.8	0.8	1.0	0.8	1.2	2.3	1.9	2.1	1.4	1.2	0.9	1.0	+0.1
Other MSA	1.0	1.0	0.9	1.1	1.4	1.2	1.2	1.3	1.9	2.0	2.0	2.3	1.5	1.5	1.4	1.3	-0.1
Non-MSA	0.8	1.4	1.4	1.5	1.4	1.5	1.5	1.5	2.0	2.5	2.4	2.1	2.6	2.1	1.5	1.4	-0.1
Parental Education: ^a																	
1.0-2.0 (Low)	0.7	0.9	1.5	1.8	1.2	1.7	1.7	1.3	1.2	2.3	1.6	1.6	1.9	1.5	1.8	1.4	-0.5
2.5-3.0	1.3	1.1	1.0	0.9	1.1	0.7	1.1	1.1	1.7	2.2	2.1	2.0	1.9	1.8	1.2	1.5	+0.3
3.5-4.0	1.0	1.2	1.1	0.8	1.6	1.2	1.4	1.7	2.0	2.0	2.3	2.8	1.9	1.7	1.0	1.3	+0.2
4.5-5.0	0.9	1.0	0.8	1.4	1.1	1.2	1.0	0.9	1.5	2.4	2.0	2.0	1.6	1.5	1.5	0.9	-0.7 s
5.5-6.0 (High)	1.2	1.4	1.1	1.1	1.0	1.1	1.1	1.1	2.4	2.2	2.1	3.0	1.3	1.2	1.3	1.4	+0.1
Race (2-year average): ^b																	
White	—	1.0	1.0	1.0	1.2	1.3	1.3	1.3	1.5	2.1	2.3	2.4	2.3	1.8	1.6	1.3	-0.3
Black	—	0.7	0.8	0.8	0.7	0.7	0.5	0.5	0.7	1.2	1.6	1.2	0.8	0.7	0.9	1.1	+0.1
Hispanic	—	1.2	1.4	1.3	0.9	1.1	1.2	1.2	1.5	1.8	2.1	2.1	1.8	1.6	1.3	1.0	-0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error.

See Table D-107 for the number of subgroup cases. See Appendix B for definition of variables in table.

In 2006, the question text was changed slightly in half of the questionnaire forms. An examination of the data did not show any effect from the wording change.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-105
Steroids: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																			'05-'06 change
	1975-88	1989	1990	1991	1992	1993	1994	1995	1996	Class of:										
Approx. N =	—	16,700	15,200	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200	
Total	—	1.9	1.7	1.4	1.1	1.2	1.3	1.5	1.4	1.4	1.7	1.8	1.7	2.4	2.5	2.1	2.5	1.5	1.8	+0.3
Gender:																				
Male	—	2.8	2.6	2.4	2.1	2.5	2.1	2.4	2.2	2.5	2.8	3.1	2.5	3.8	3.8	3.2	3.3	2.6	2.7	+0.1
Female	—	0.9	0.3	0.2	0.1	0.1	0.5	0.6	0.4	0.5	0.3	0.6	0.9	1.1	1.3	1.1	1.7	0.4	0.7	+0.3
College Plans:																				
None or under 4 years	—	2.3	2.2	2.1	2.1	2.0	1.9	2.0	2.3	2.3	2.1	3.6	2.0	4.6	4.1	2.6	2.8	2.1	2.7	+0.5
Complete 4 years	—	1.6	1.3	1.2	0.8	0.9	1.1	1.2	1.1	1.2	1.4	1.3	1.6	1.8	2.0	2.0	2.4	1.2	1.5	+0.2
Region:																				
Northeast	—	2.0	1.3	1.2	0.6	1.5	1.5	1.6	1.3	2.1	0.9	1.3	1.9	4.5	2.1	3.0	3.8	1.6	2.0	+0.4
North Central	—	1.5	1.3	1.4	1.4	0.8	2.2	1.5	2.1	2.1	2.3	1.6	2.3	1.7	2.8	1.8	2.4	1.6	1.5	-0.1
South	—	2.1	2.2	1.7	0.6	1.6	1.0	1.7	1.3	0.5	1.6	2.6	1.5	2.1	2.5	1.8	2.2	1.6	2.0	+0.4
West	—	1.9	1.7	1.0	2.3	1.1	0.8	1.0	0.3	1.6	1.7	1.2	1.1	2.1	2.4	2.2	2.0	1.0	1.5	+0.5
Population Density:																				
Large MSA	—	1.6	1.3	1.1	1.0	0.7	1.1	1.4	1.3	0.8	2.1	1.3	1.7	1.9	2.0	2.1	2.6	1.4	1.6	+0.3
Other MSA	—	2.3	1.5	1.4	1.4	0.9	1.5	1.3	1.3	1.7	1.5	2.0	2.0	2.9	3.0	2.1	2.9	1.4	1.6	+0.2
Non-MSA	—	1.1	2.4	1.6	0.8	2.2	1.3	2.1	1.5	1.6	1.6	1.9	1.2	2.0	2.1	2.3	1.8	1.7	2.2	+0.5
Parental Education: ^a																				
1.0-2.0 (Low)	—	0.6	1.1	2.0	2.1	1.1	2.8	1.1	1.5	3.4	3.0	1.5	1.3	2.1	3.6	2.9	4.9	2.1	2.8	+0.7
2.5-3.0	—	2.1	2.0	0.6	0.9	1.3	1.7	1.3	1.9	1.4	1.4	0.8	1.6	3.2	3.0	1.3	2.9	1.3	1.8	+0.5
3.5-4.0	—	2.6	2.3	1.6	1.3	1.5	1.1	1.1	1.3	1.1	1.1	2.5	1.9	1.9	2.8	2.7	2.5	1.7	1.7	-0.1
4.5-5.0	—	1.3	1.1	1.6	0.9	1.3	0.6	2.0	1.1	1.2	1.9	2.2	1.4	1.9	2.3	2.3	1.8	1.3	1.3	+0.1
5.5-6.0 (High)	—	2.1	1.0	0.5	0.8	0.8	1.2	1.4	1.1	1.3	1.5	1.1	2.4	2.2	1.0	1.4	2.4	1.2	1.5	+0.3
Race (2-year average): ^b																				
White	—	—	1.6	1.3	1.3	1.2	1.1	1.4	1.3	1.2	1.5	1.7	1.8	2.1	2.5	2.4	2.4	2.1	1.6	-0.5
Black	—	—	1.8	1.2	0.5	1.1	1.8	1.2	1.4	1.5	0.9	0.7	1.0	1.2	1.0	1.1	1.3	1.6	1.7	+0.1
Hispanic	—	—	2.3	3.3	1.8	0.9	1.7	1.3	0.6	1.6	2.4	2.9	2.4	2.1	2.2	1.8	2.4	2.0	2.3	+0.3

Source: The Monitoring the Future Study, the University of Michigan.

Notes: Level of significance of difference between the two most recent classes: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available. Any apparent inconsistency between the change estimate and the prevalence-of-use estimates for the two most recent classes is due to rounding error. See Table D-108 for the number of subgroup cases. See Appendix B for definition of variables in table. Data based on one of six forms in 1989-90; N is one-sixth of N indicated in Table D-108. Data based on two of six forms in 1991-2005; N is two-sixths of N indicated in Table D-108. Data based on three of six forms in 2006; N is one-half of N indicated in Table D-108. In 2006, the question text was changed slightly in one of the questionnaire forms. An examination of the data did not show any effect from the wording change.

Caution: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-106
Approximate Weighted Ns by Subgroups for Eighth Graders

	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Total	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	16,200	15,100	16,500	17,000	16,800	16,500
Gender:																
Male	8,600	8,800	8,600	8,300	8,100	8,400	8,600	8,600	7,800	7,900	7,500	7,000	7,600	8,100	8,000	7,800
Female	8,600	9,300	9,200	8,600	8,700	8,800	9,300	8,900	8,400	8,300	8,300	7,600	8,400	8,500	8,400	8,200
College Plans:																
None or under 4 years	2,300	2,400	2,100	2,000	1,900	2,200	1,900	1,800	1,700	1,600	1,600	1,300	1,600	1,600	1,600	1,500
Complete 4 years	14,600	15,400	15,400	14,700	14,800	14,800	15,800	15,600	14,500	14,500	14,100	13,400	14,500	15,000	14,800	14,600
Region:																
Northeast	3,000	3,700	3,900	3,400	3,100	3,200	3,400	3,300	3,000	2,800	2,900	2,800	3,200	3,200	3,200	2,900
North Central	5,300	5,300	4,700	4,200	4,300	4,600	4,100	4,300	4,200	4,300	4,000	4,000	4,100	4,000	3,700	3,500
South	6,300	6,200	6,400	6,300	6,600	6,300	7,200	6,600	6,100	6,300	5,900	5,400	6,300	6,300	6,300	6,300
West	2,900	3,400	3,300	3,400	3,500	3,700	3,900	3,900	3,400	3,300	3,400	2,900	2,900	3,500	3,600	3,800
Population Density:																
Large MSA	4,500	5,700	5,500	4,400	5,200	5,200	5,000	4,800	4,800	4,900	4,700	4,500	4,900	5,000	5,400	5,400
Other MSA	8,400	8,300	8,800	8,300	7,800	8,400	9,000	8,800	7,900	7,900	7,500	6,900	7,700	7,900	7,400	7,300
Non-MSA	4,600	4,600	4,000	4,600	4,500	4,200	4,600	4,500	4,000	3,900	4,000	3,700	3,900	4,100	4,000	3,800
Parental Education:																
1.0-2.0 (Low)	1,400	1,700	1,700	1,600	1,500	1,500	1,500	1,300	1,300	1,300	1,300	1,100	1,100	1,200	1,400	1,400
2.5-3.0	4,400	4,600	4,500	4,100	3,900	4,300	4,000	3,900	3,800	3,700	3,400	3,200	3,400	3,400	3,400	3,300
3.5-4.0	4,100	4,300	4,300	4,200	4,000	4,100	4,300	4,100	3,800	3,900	4,000	3,500	3,700	4,000	3,700	3,800
4.5-5.0	4,100	4,100	4,100	3,900	3,900	3,900	4,500	4,500	4,000	3,900	3,900	3,800	4,200	4,300	4,200	4,000
5.5-6.0 (High)	2,200	2,300	2,300	2,200	2,300	2,200	2,600	2,700	2,200	2,200	2,100	2,100	2,400	2,500	2,600	2,300
Race (2-year average): ^a																
White	—	21,900	22,000	20,900	19,800	20,200	21,400	21,300	19,800	18,900	18,600	17,600	18,400	20,400	20,500	19,500
Black	—	4,200	4,800	5,500	5,600	5,300	4,700	4,900	5,000	4,800	4,500	4,500	4,400	3,900	3,800	4,000
Hispanic	—	3,400	3,600	4,000	4,000	4,000	4,200	4,100	4,100	4,000	4,100	3,900	3,400	3,200	3,600	4,700

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '—' indicates data not available. See Appendix B for definition of variables in table.

Caution: The Ns in this table are based on the entire sample at each grade level. Some drug-use questions are asked only in some of the questionnaire forms rather than in all, in which case these Ns need to be adjusted appropriately. Look under "Notes" in each table to see if only a fraction of the sample was asked about that drug. If there is no such indication, that means the entire sample received the question.

^aNs for each racial subgroup represent the combination of the specified year and the previous year. Data have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-107
Approximate Weighted Ns by Subgroups for Tenth Graders

	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Total	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300	14,000	14,300	15,800	16,400	16,200	16,200
Gender:																
Male	7,200	7,000	7,300	7,700	8,300	7,500	7,400	7,100	6,300	6,800	6,600	6,900	7,500	7,900	7,900	7,900
Female	7,400	7,400	7,800	7,900	8,400	7,800	7,800	7,700	7,000	7,200	7,100	7,100	8,000	8,300	8,000	8,000
College Plans:																
None or under 4 years	2,600	2,400	2,500	2,700	2,500	2,300	2,200	2,200	1,900	1,900	1,900	2,000	2,100	1,900	1,800	1,800
Complete 4 years	11,900	12,000	12,400	12,800	14,200	13,000	13,000	12,500	11,500	12,100	11,900	12,100	13,400	14,300	14,100	14,100
Region:																
Northeast	2,700	3,000	2,900	3,100	3,300	3,100	3,300	3,100	3,000	2,800	2,700	2,600	3,400	3,600	3,500	3,200
North Central	3,700	3,800	4,800	4,700	4,400	3,900	3,900	3,600	3,100	3,700	4,100	3,700	4,000	4,600	4,500	4,300
South	4,900	5,000	4,900	5,200	6,100	5,600	5,500	5,200	4,700	5,000	5,000	5,100	4,900	4,900	5,000	5,300
West	3,500	3,000	2,700	2,800	3,200	3,000	2,800	3,100	2,800	2,800	2,200	2,900	3,500	3,300	3,200	3,400
Population Density:																
Large MSA	3,400	3,700	3,500	4,100	4,700	4,300	4,300	4,300	3,700	4,000	3,900	4,300	4,900	5,000	4,900	5,100
Other MSA	7,400	7,300	7,600	7,500	8,200	7,500	7,300	7,000	6,700	6,700	6,700	6,800	7,800	7,800	7,600	7,900
Non-MSA	4,000	3,800	4,200	4,200	4,100	3,800	3,900	3,700	3,200	3,600	3,400	3,200	3,100	3,600	3,700	3,200
Parental Education:																
1.0-2.0 (Low)	1,300	1,300	1,300	1,300	1,200	1,100	1,300	1,300	1,100	1,200	1,200	1,300	1,200	1,300	1,100	1,100
2.5-3.0	3,900	3,900	4,100	4,100	4,100	3,600	3,700	3,700	3,200	3,200	3,200	3,300	3,500	3,400	3,200	3,200
3.5-4.0	3,900	3,900	4,100	4,300	4,600	4,300	4,100	4,000	3,600	3,700	3,700	3,700	4,200	4,200	4,100	4,300
4.5-5.0	3,500	3,400	3,500	3,700	4,000	3,900	3,700	3,500	3,300	3,500	3,400	3,500	3,900	4,300	4,400	4,500
5.5-6.0 (High)	1,800	1,700	1,700	1,800	2,300	1,900	1,900	1,800	1,700	1,900	1,800	1,700	2,100	2,400	2,400	2,300
Race (2-year average): ^a																
White	—	19,600	20,700	22,000	22,900	22,400	20,900	19,800	18,400	18,200	18,600	18,000	18,500	19,900	20,400	21,100
Black	—	3,900	3,600	3,300	3,300	3,100	3,200	3,600	3,600	3,100	2,800	3,400	4,600	4,600	4,300	3,900
Hispanic	—	2,600	2,700	2,800	2,900	3,000	3,200	3,500	3,200	3,100	3,400	3,600	3,600	3,500	3,500	3,300

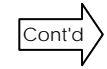
Source: The Monitoring the Future Study, the University of Michigan.

Notes: '—' indicates data not available. See Appendix B for definition of variables in table.

Caution: The Ns in this table are based on the entire sample at each grade level. Some drug-use questions are asked only in some of the questionnaire forms rather than in all, in which case these Ns need to be adjusted appropriately. Look under "Notes" in each table to see if only a fraction of the sample was asked about that drug. If there is no such indication, that means the entire sample received the question.

^aNs for each racial subgroup represent the combination of the specified year and the previous year. Data have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-108
Approximate Weighted Ns by Subgroups for Twelfth Graders



	Class of:															
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200
Gender:																
Male	4,300	6,900	7,100	8,500	7,500	7,500	8,400	8,500	7,800	7,600	7,600	7,100	7,700	7,700	8,000	7,700
Female	5,200	7,000	7,600	9,000	8,000	7,800	8,600	8,600	8,000	7,800	8,000	7,700	8,200	8,200	8,300	7,100
College Plans:																
None or under 4 years	—	6,500	6,700	8,100	6,800	6,300	6,700	7,200	6,300	5,900	5,600	5,100	5,000	4,700	4,800	4,200
Complete 4 years	—	6,800	7,200	8,600	8,000	8,500	9,700	9,200	8,800	8,900	9,300	9,100	10,300	10,600	11,000	10,100
Region:																
Northeast	2,200	3,400	3,700	4,400	3,800	3,600	4,100	4,600	3,900	3,200	3,700	3,600	3,500	3,200	3,200	3,300
North Central	2,900	4,500	4,600	5,200	4,800	4,700	5,300	5,200	4,600	4,500	4,400	4,300	4,400	4,300	4,500	4,200
South	3,000	4,300	4,600	6,000	4,800	4,800	5,300	5,300	5,200	5,300	4,900	4,700	5,200	5,600	6,100	5,000
West	1,400	2,200	2,200	2,500	2,600	2,700	2,800	2,600	2,600	2,900	3,000	2,600	3,200	3,200	2,900	2,700
Population Density:																
Large MSA	2,100	3,700	4,000	4,600	4,000	3,900	4,500	4,800	4,200	4,100	4,200	3,700	4,200	4,400	4,000	3,800
Other MSA	4,000	5,700	6,200	8,000	6,800	6,700	7,100	7,300	6,800	6,900	6,900	7,000	8,000	7,700	8,800	7,700
Non-MSA	3,400	5,000	4,900	5,500	5,200	5,200	5,900	5,600	5,300	4,900	4,900	4,500	4,100	4,200	3,900	3,700
Parental Education:																
1.0-2.0 (Low)	1,700	2,200	2,600	3,100	2,500	2,300	2,400	2,700	2,200	1,900	1,800	1,800	1,700	1,600	1,700	1,600
2.5-3.0	3,000	4,300	5,400	6,200	5,600	5,300	5,800	5,900	5,500	5,100	5,100	4,600	4,500	4,500	4,600	4,300
3.5-4.0	1,600	2,500	3,200	4,000	3,600	3,600	4,200	4,200	3,900	4,000	4,000	3,800	4,300	4,400	4,500	4,100
4.5-5.0	1,100	1,600	2,200	2,800	2,600	2,700	3,100	2,900	2,800	2,900	3,000	2,900	3,400	3,500	3,500	3,100
5.5-6.0 (High)	440	710	1,100	1,200	1,200	1,300	1,500	1,300	1,200	1,400	1,500	1,500	1,800	1,900	1,700	1,600
Race (2-year average): ^a																
White	—	—	23,400	26,500	27,500	25,600	26,300	27,300	26,200	24,700	24,200	23,600	23,800	24,200	24,000	23,400
Black	—	—	3,300	3,700	3,500	3,500	4,000	4,000	3,900	4,000	4,000	3,500	3,200	3,600	3,900	3,500
Hispanic	—	—	890	1,000	940	740	930	1,300	1,300	1,200	1,200	1,500	1,900	2,100	2,400	2,500

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '—' indicates data not available. See Appendix B for definition of variables in table.

Caution: The Ns in this table are based on the entire sample at each grade level. Some drug-use questions are asked only in some of the questionnaire forms rather than in all, in which case these Ns need to be adjusted appropriately. Look under "Notes" in each table to see if only a fraction of the sample was asked about that drug. If there is no such indication, that means the entire sample received the question.

^aNs for each racial subgroup represent the combination of the specified year and the previous year. Data have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

TABLE D-108 (cont'd)
Approximate Weighted Ns by Subgroups for Twelfth Graders

	Class of:															
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Total	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800	12,800	12,900	14,600	14,600	14,700	14,200
Gender:																
Male	7,400	7,400	7,500	6,900	7,200	6,700	7,100	7,100	6,300	5,800	5,800	5,800	6,600	6,800	6,800	6,600
Female	7,200	7,900	8,200	8,000	7,800	7,100	7,700	7,500	6,700	6,400	6,500	6,600	7,400	7,200	7,300	7,100
College Plans:																
None or under 4 years	4,000	3,700	3,700	3,400	3,300	2,600	3,200	3,100	2,800	2,600	2,500	2,400	2,800	2,800	2,600	2,500
Complete 4 years	10,300	11,200	11,600	11,100	11,200	10,800	11,000	11,100	10,200	9,300	9,600	9,700	11,100	11,000	11,300	11,000
Region:																
Northeast	2,800	2,800	2,700	2,700	2,800	3,000	3,300	2,800	2,500	2,500	2,400	2,500	3,100	3,100	2,900	2,600
North Central	4,000	4,400	4,600	4,000	4,300	3,800	4,100	3,800	3,600	3,100	3,700	3,300	3,600	3,800	3,600	3,500
South	5,100	5,600	5,800	5,700	5,400	5,100	5,300	5,700	4,900	4,500	4,100	4,300	4,900	5,000	5,200	5,200
West	3,100	3,000	3,200	3,000	2,900	2,400	2,700	2,900	2,600	2,700	2,600	2,800	3,000	2,700	3,000	2,900
Population Density:																
Large MSA	3,600	3,600	3,700	4,300	4,400	3,400	4,100	4,300	3,800	3,800	3,800	4,000	4,600	4,200	4,300	4,700
Other MSA	7,200	8,200	7,800	7,100	7,000	7,000	7,500	7,500	6,200	5,800	5,800	5,900	6,500	6,800	7,000	6,200
Non-MSA	4,200	4,000	4,800	4,000	4,000	3,900	3,800	3,400	3,600	3,200	3,200	3,000	3,500	3,600	3,400	3,300
Parental Education:																
1.0-2.0 (Low)	1,500	1,400	1,600	1,400	1,200	1,100	1,300	1,200	960	860	1,000	980	1,200	1,000	1,100	1,100
2.5-3.0	4,100	4,100	4,300	3,700	3,700	3,300	3,600	3,700	3,200	3,000	2,900	2,800	3,400	3,400	3,200	3,100
3.5-4.0	4,200	4,600	4,500	4,300	4,400	3,800	4,100	4,300	3,900	3,600	3,600	3,800	4,200	4,000	3,900	4,000
4.5-5.0	3,100	3,400	3,600	3,500	3,700	3,500	3,500	3,300	3,200	3,100	3,200	3,100	3,400	3,600	3,600	3,600
5.5-6.0 (High)	1,500	1,700	1,700	1,800	1,800	2,100	2,100	2,000	1,800	1,600	1,600	1,500	1,800	2,000	2,100	1,900
Race (2-year average): ^a																
White	21,900	21,500	22,000	21,800	21,600	20,700	19,800	20,200	19,500	17,700	16,200	16,300	17,800	19,600	19,600	18,600
Black	3,200	3,900	4,200	3,600	3,300	3,200	3,600	3,700	3,400	3,300	3,100	2,900	3,000	3,200	3,000	3,000
Hispanic	2,400	2,600	2,900	3,100	2,700	2,600	2,800	3,000	2,500	2,200	2,600	3,100	3,100	2,800	2,900	3,500

Source: The Monitoring the Future Study, the University of Michigan.

Notes: '—' indicates data not available. See Appendix B for definition of variables in table.

Caution: The Ns in this table are based on the entire sample at each grade level. Some drug-use questions are asked only in some of the questionnaire forms rather than in all, in which case these Ns need to be adjusted appropriately. Look under "Notes" in each table to see if only a fraction of the sample was asked about that drug. If there is no such indication, that means the entire sample received the question.

^aNs for each racial subgroup represent the combination of the specified year and the previous year. Data have been combined to increase subgroup sample sizes and thus provide more stable estimates. For the data beginning in 2005, see the race/ethnicity note at the end of Appendix D.

A Note about the Two-Year-Average Race/Ethnicity Data for 2005 and 2006

In the original race/ethnicity question, which was used from the inception of the study through 2004, respondents were asked to select the *one* race/ethnicity category that they thought best described them. In 2005 the race/ethnicity question was changed in half of the questionnaire forms to conform more closely with the Office of Management and Budget guidelines. For the revised Monitoring the Future question, respondents were given a list of race/ethnicity options and instructed to mark *all* of them that applied. An examination of the data showed a very low occurrence of respondents (about 6% in 2005) selecting more than one ethnic/racial group.

In 2005, to enable the combination of the data from the original question and the revised question, the following method was used. For the original version of the question, respondents were assigned to the racial/ethnic group specified in their response. For the revised 2005 questions, those checking only White and no other racial/ethnic group were categorized as White; those checking Black and no other racial/ethnic group were categorized as Black; and those checking one or more of the four Hispanic categories but no other racial/ethnic group were categorized as Hispanic.

The prevalence-of-use data presented in Appendix D for the three largest racial/ethnic groups are based on two-year moving averages, so as to moderate random fluctuations. The 2005 race/ethnicity entries are, therefore, based on both the 2004 and 2005 data combined. Most of the entries for 2005 are based on 2004 and 2005 data derived from the original question combined with 2005 data derived from the new race/ethnicity question. In 2006 the race/ethnicity question was revised in the remaining forms. For the 2006 two-year moving averages, most of the entries are based on 2005 data derived from the original question and 2005 and 2006 data derived from the revised question combined with the 2006 data. (Note that, because some drug use questions occur only in a few forms, there is some variation in the version of the race/ethnicity question upon which the 2005 data are based. Based on the analyses that we have examined, we do not think that these different permutations make any appreciable difference in the results.)