

monitoring **the future**
occasional paper series

paper 61

**DEMOGRAPHIC SUBGROUP TRENDS FOR VARIOUS
LICIT AND ILLICIT DRUGS
1975-2004**

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

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.

Recommended Citation

Johnston, L. D., O'Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2005). *Demographic subgroup trends for various licit and illicit drugs, 1975-2004*. (Monitoring the Future Occasional Paper No. 61) [On-line]. Ann Arbor, MI: Institute for Social Research. Available: <http://monitoringthefuture.org/>

Demographic Subgroup Trends for Various Licit and Illicit Drugs

1975-2004

Monitoring the Future Occasional Paper 61

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2005

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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. *Monitoring the Future National Survey Results on Drug Use, 1975-2004: Volume I, Secondary School Students*¹ reports the 2004 survey results. Because the monograph contains a description of the design and purposes of the Monitoring the Future study, that information is not repeated here.

Volume I also contains (in its 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 in color.

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

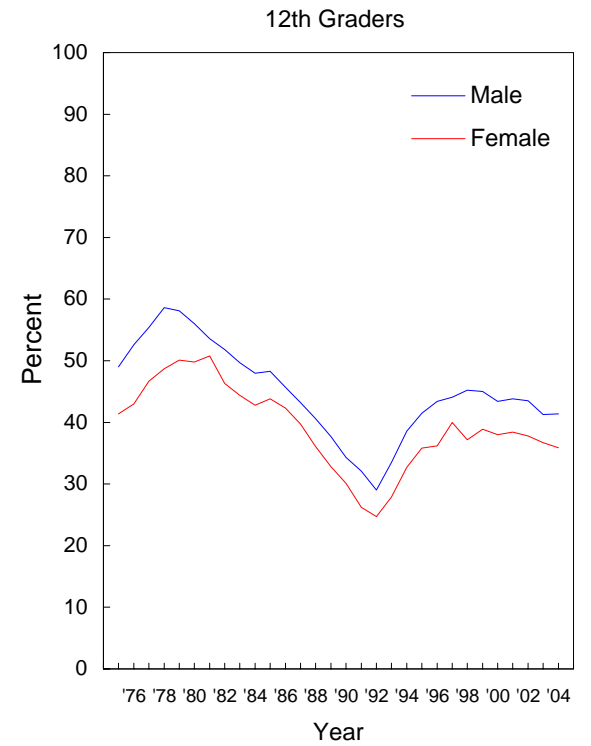
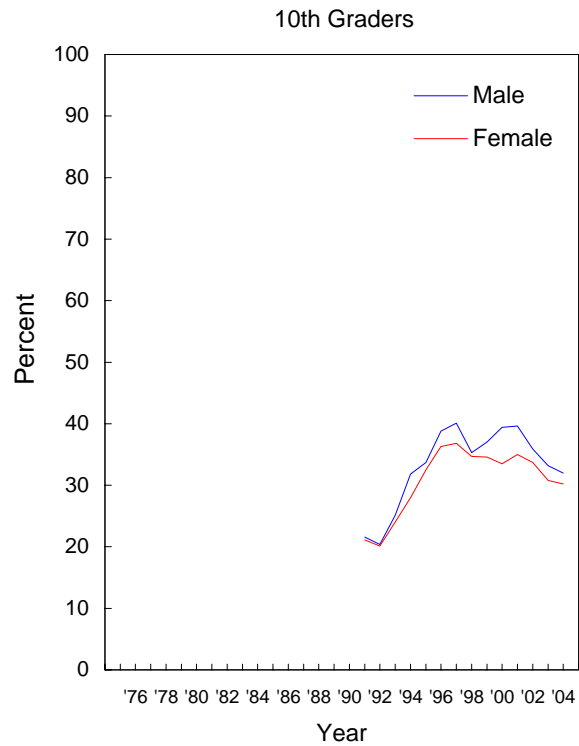
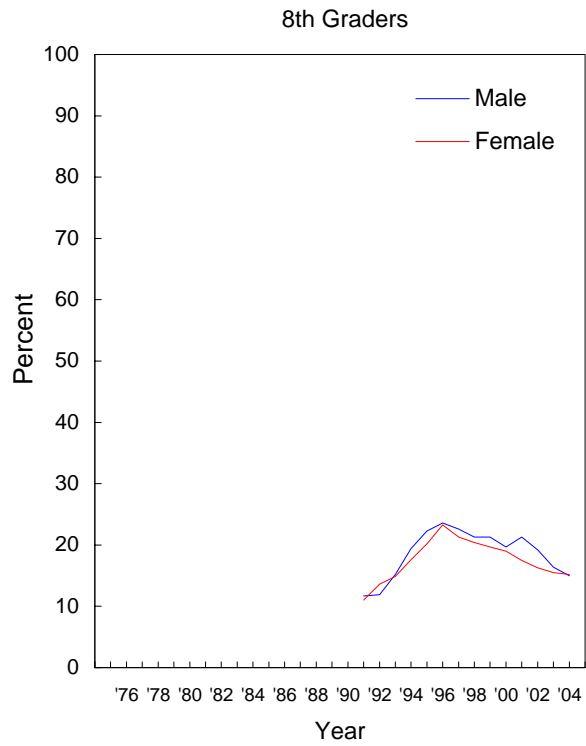
- Gender
- College plans
- Region of the country
- Population density
- Education level of the parents (a proxy for socioeconomic level)
- Racial/ethnic identification

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 appended to this occasional paper.

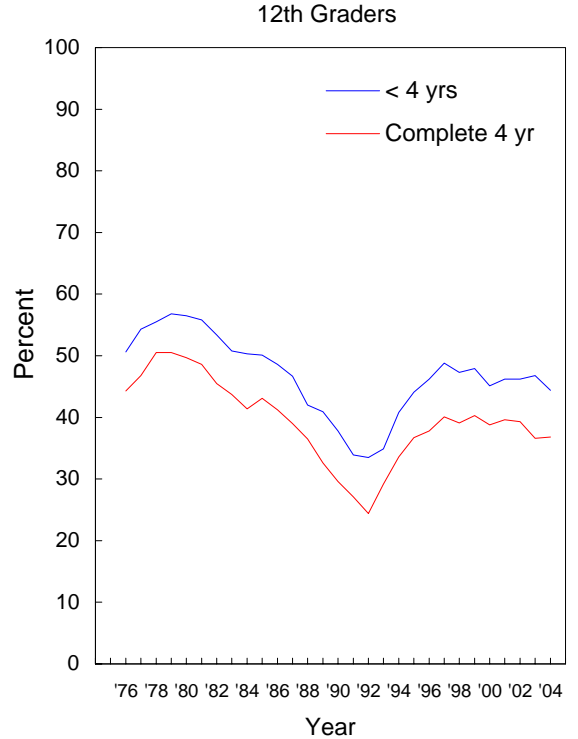
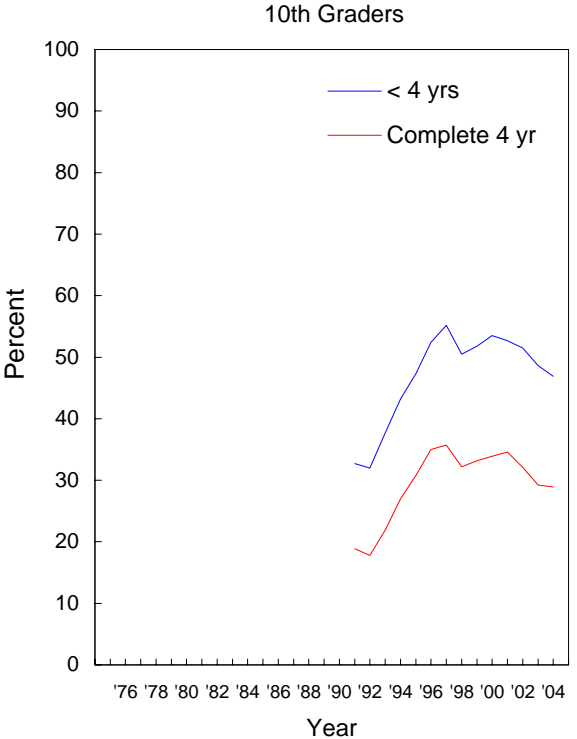
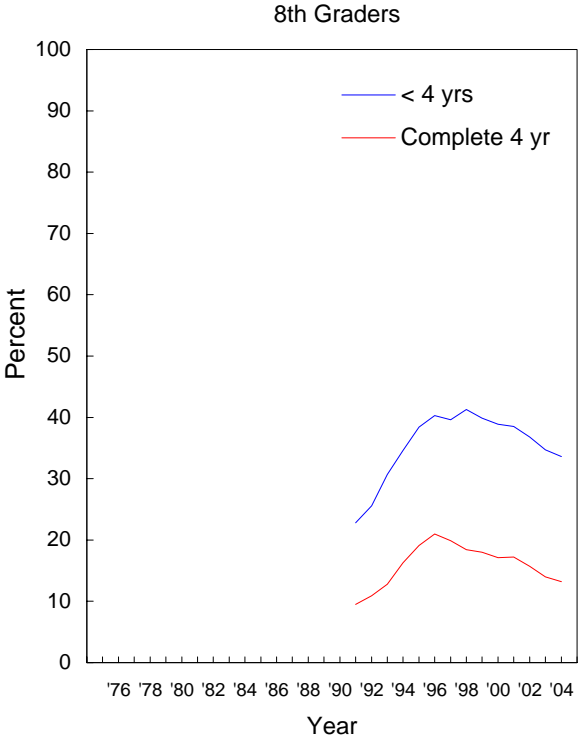
This occasional paper is available only in electronic form on the study's Web site, www.monitoringthefuture.org. The larger Volume I, which it supplements, is available both on the Web site and in printed form.

¹Johnston, L. D., O'Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2005). *Monitoring the Future national survey results on drug use, 1975-2004. Volume I: Secondary school students*. (NIH Publication No. 05-5727). Bethesda, MD: National Institute on Drug Abuse, 680 pp. (Also available on line at www.monitoringthefuture.org. Look under "Publications," and then under "Monographs.") This monograph will be available in hard-copy form approximately in August 2005.

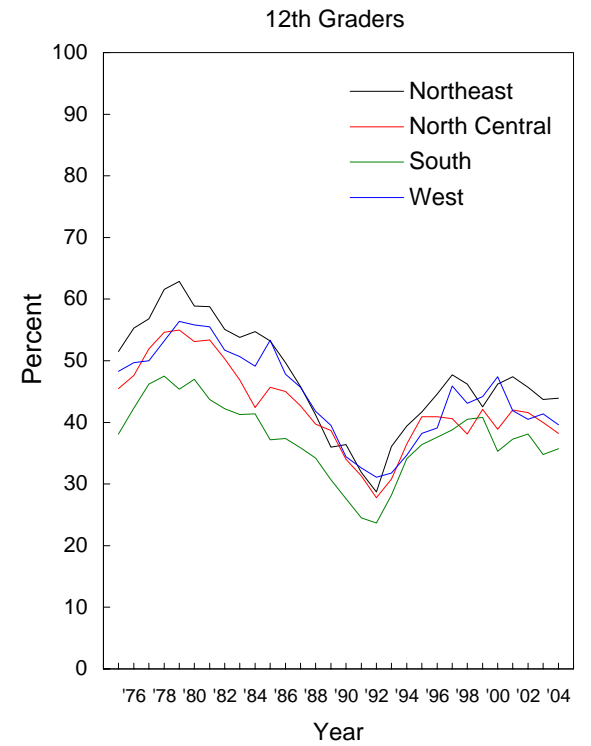
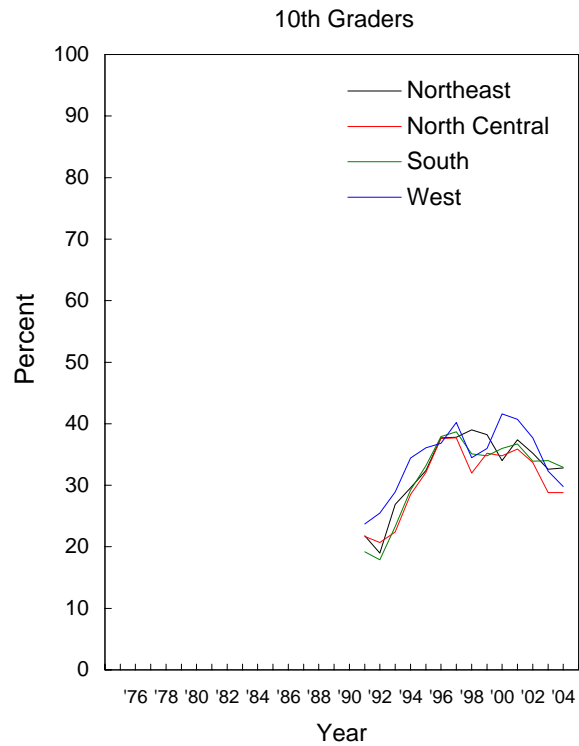
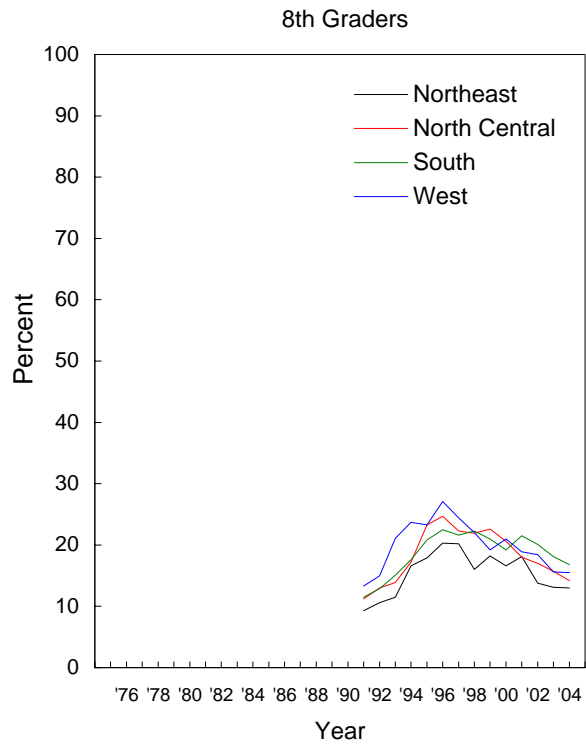
Any Illicit Drug: Trends in Annual Prevalence by Gender



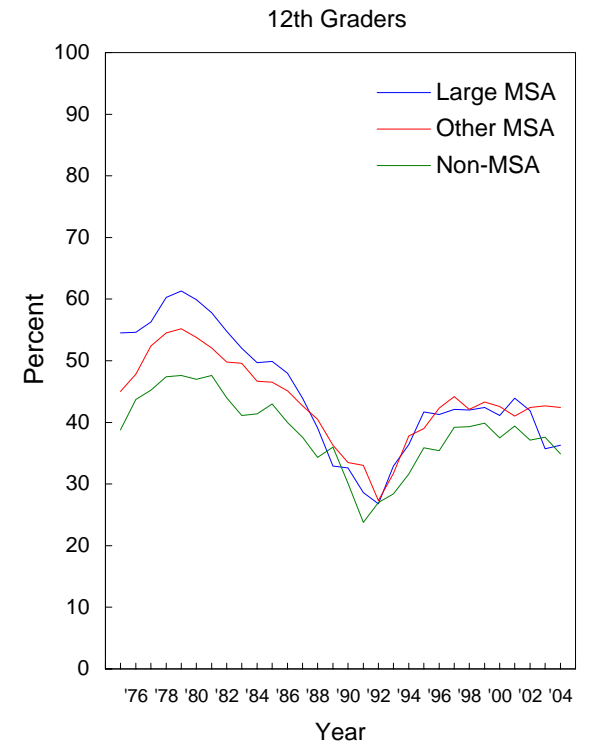
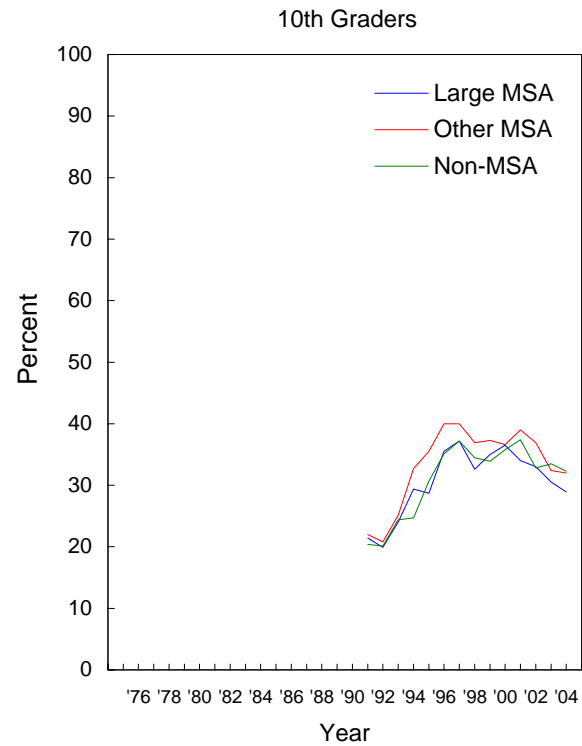
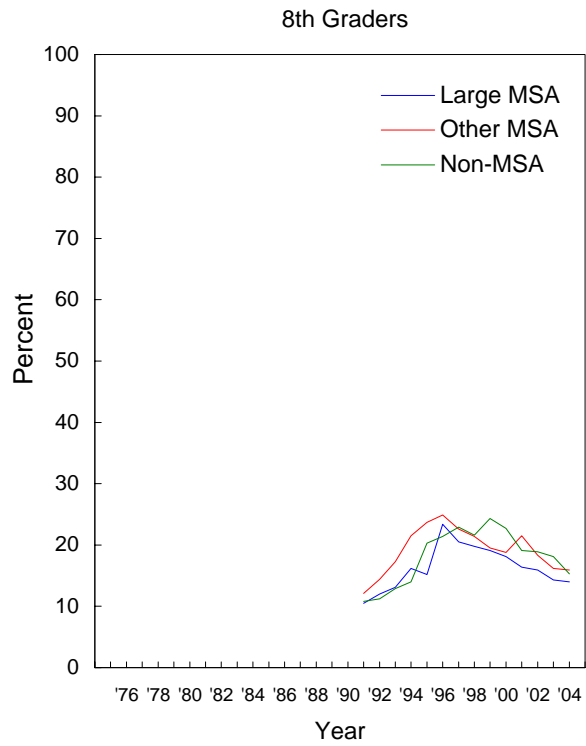
Any Illicit Drug: Trends in Annual Prevalence by College Plans



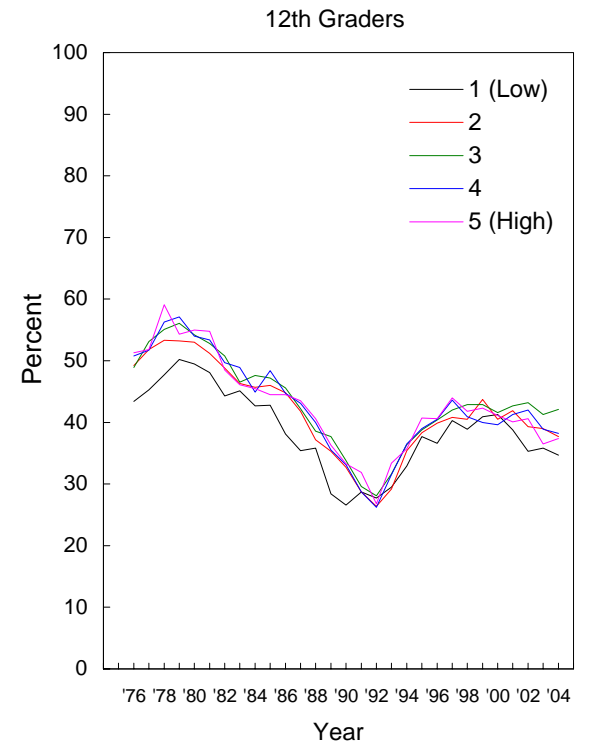
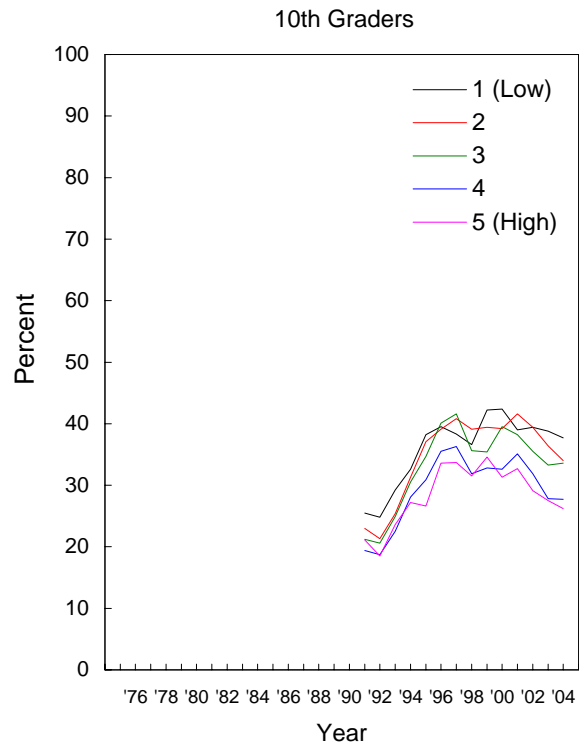
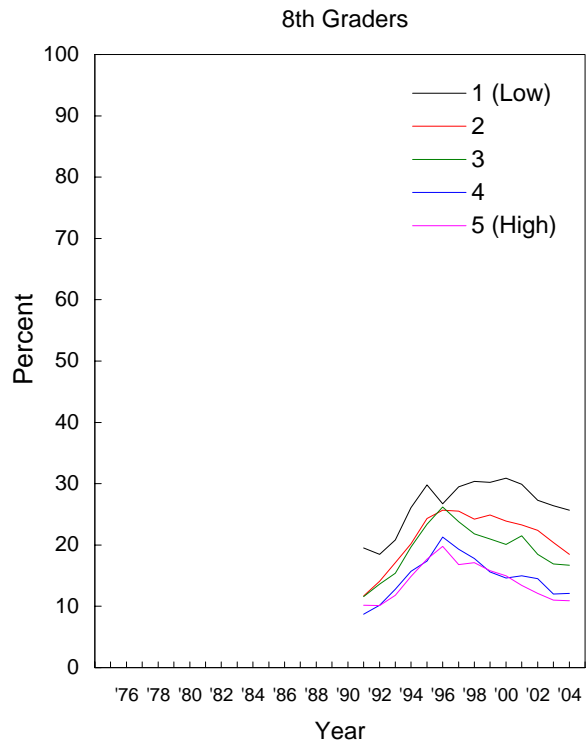
Any Illicit Drug: Trends in Annual Prevalence by Region



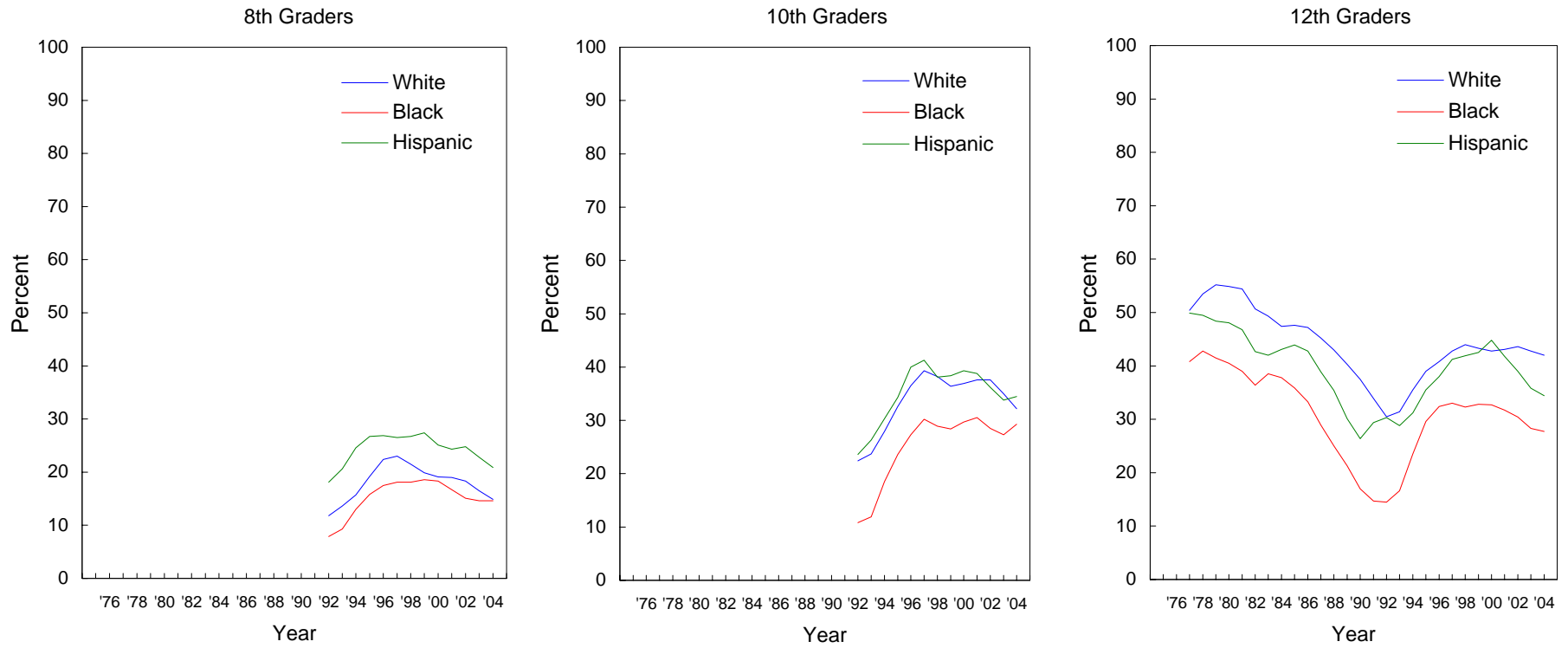
Any Illicit Drug: Trends in Annual Prevalence by Population Density



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

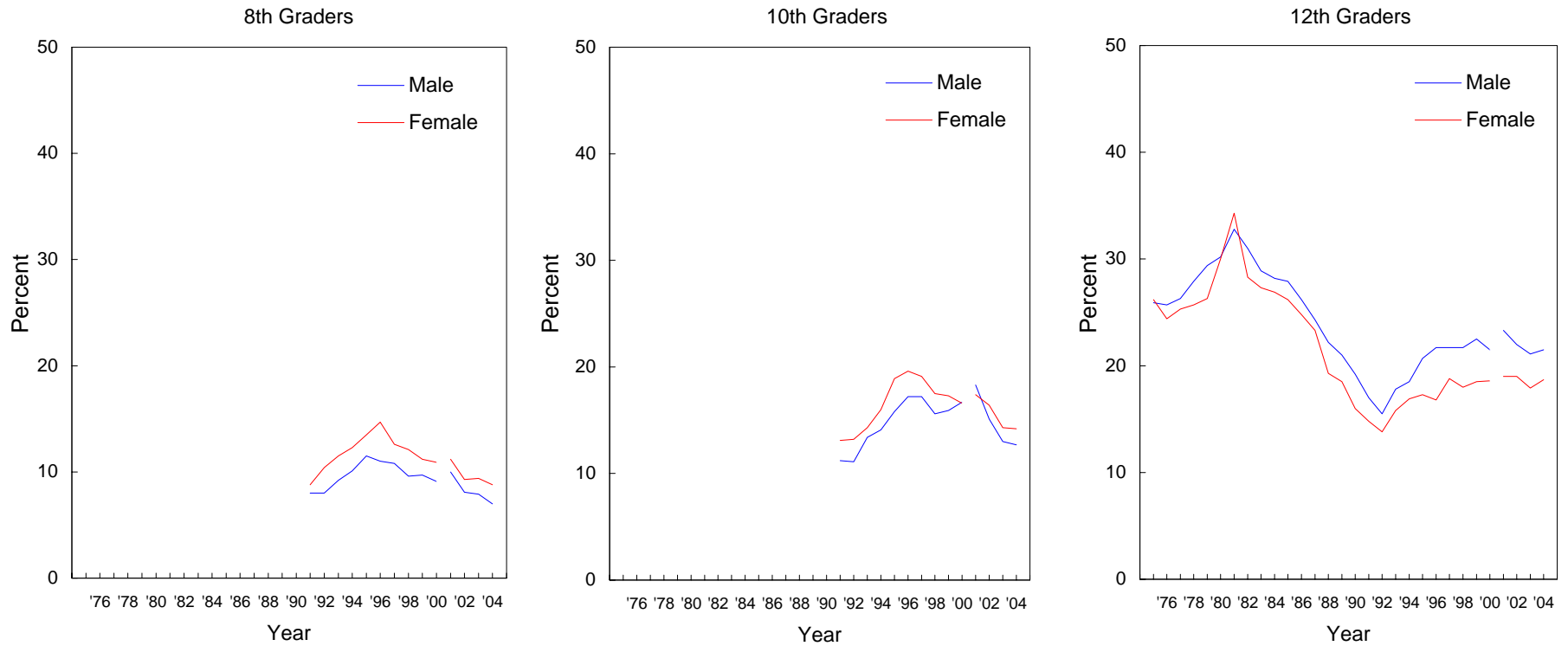


Any Illicit Drug: Trends in Annual Prevalence by Race/Ethnicity*



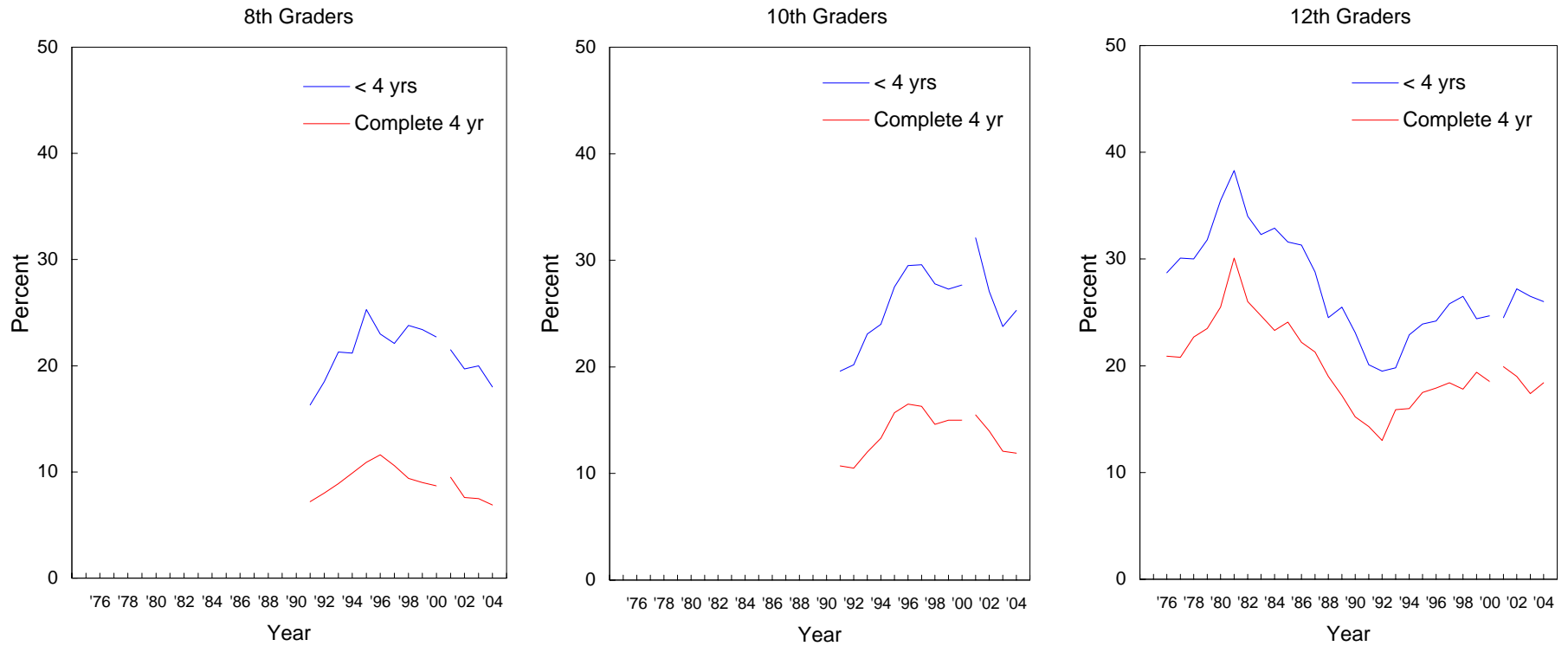
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

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



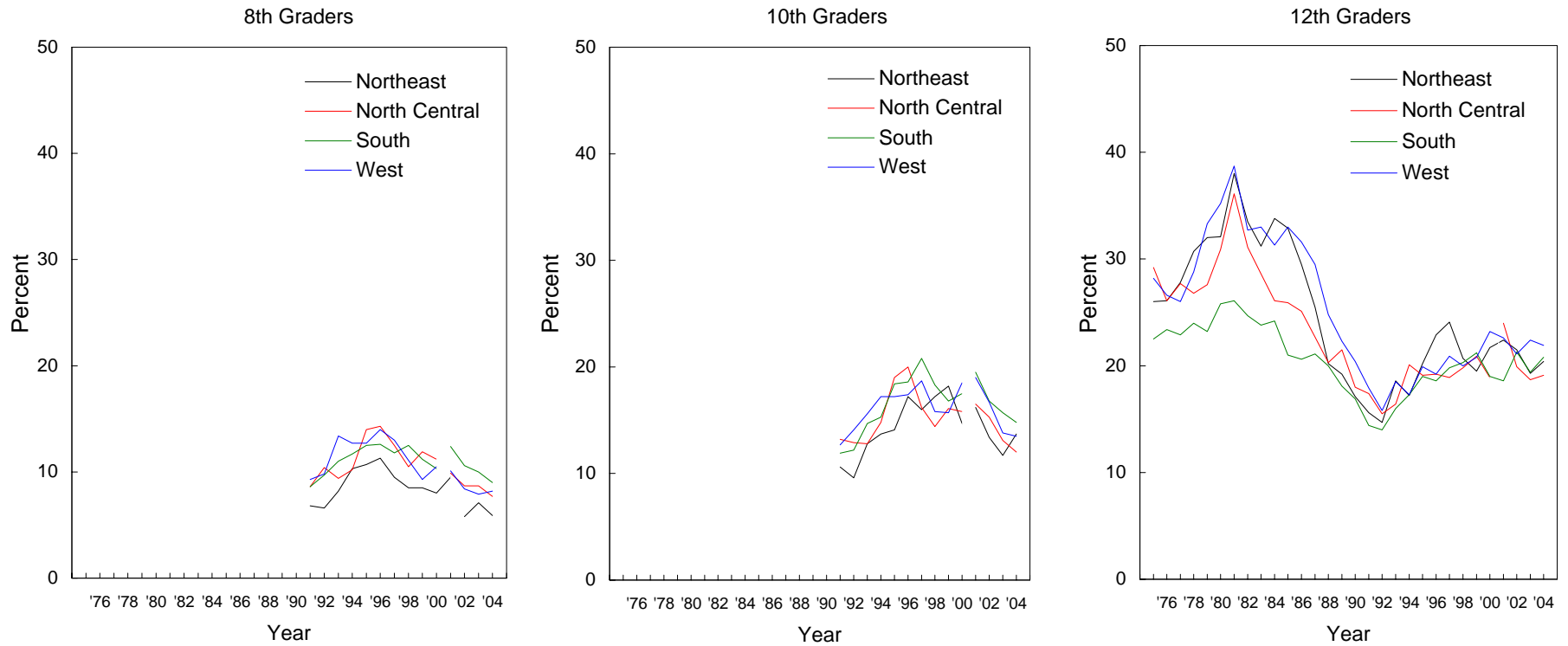
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

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



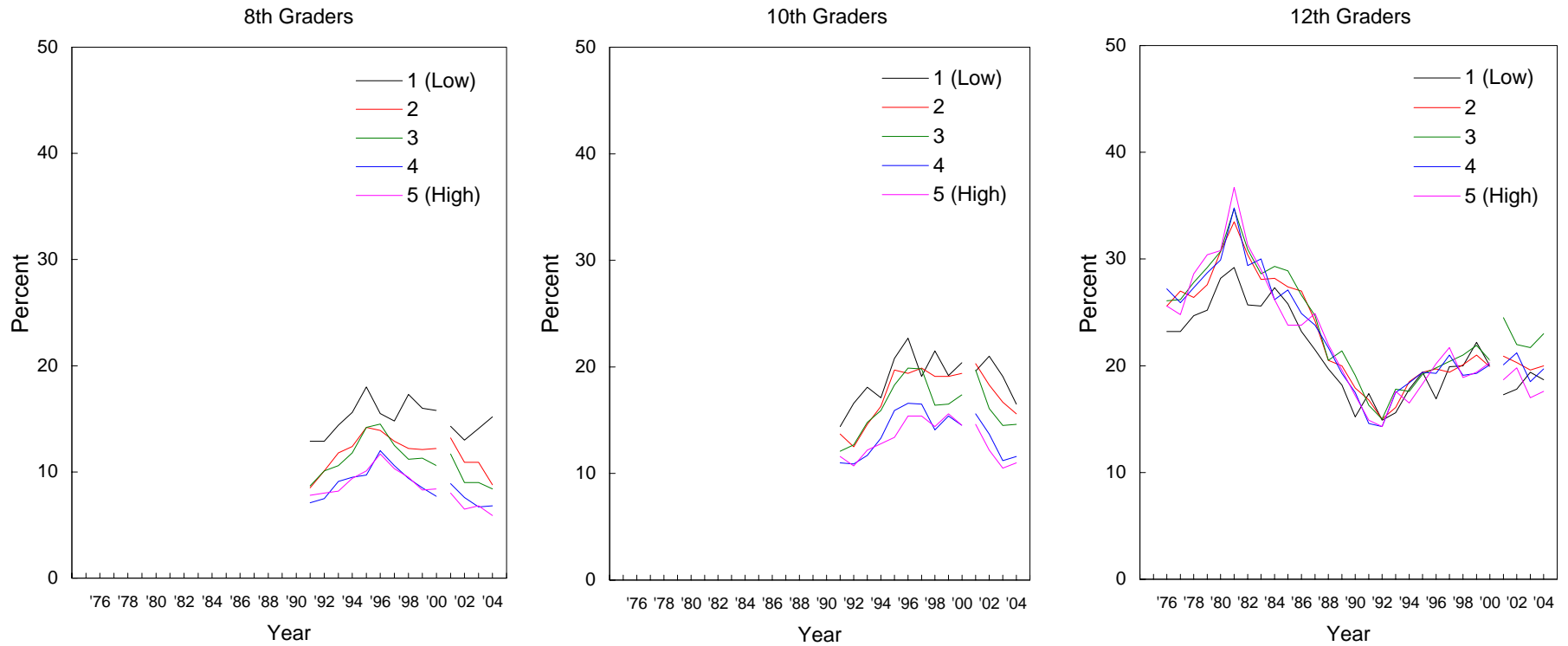
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

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



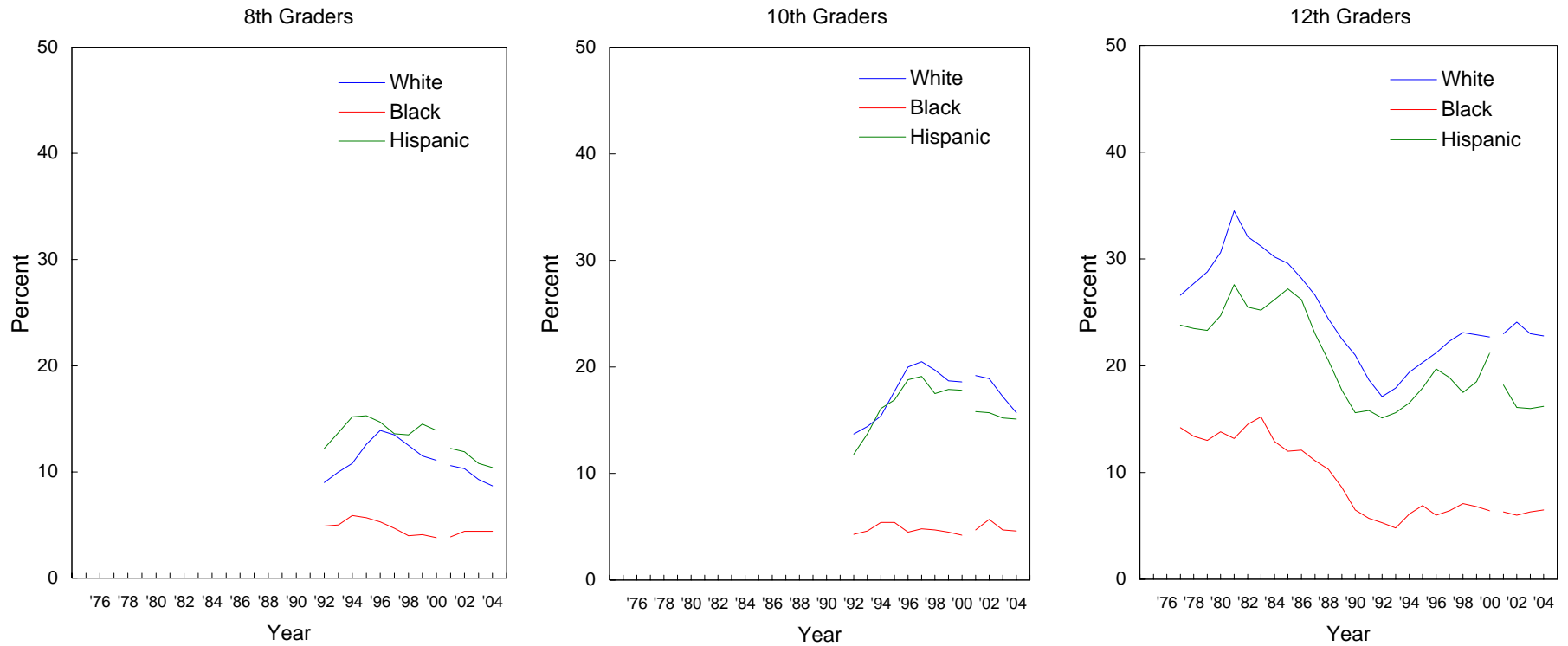
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

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.

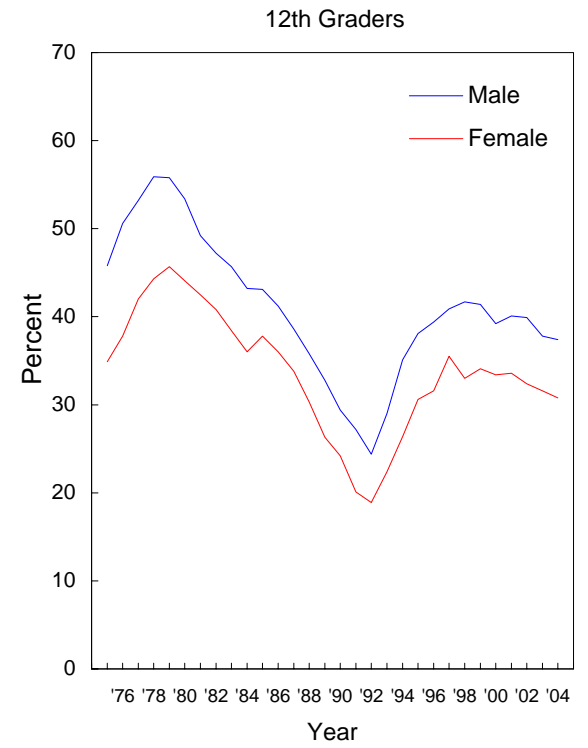
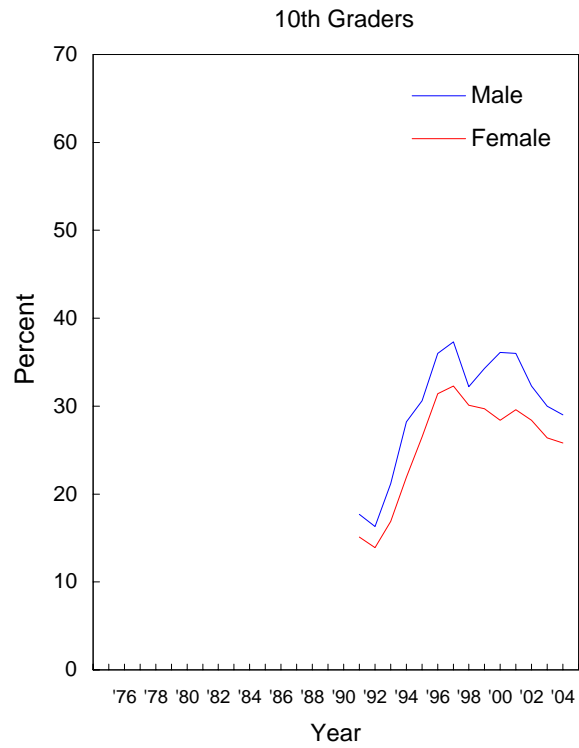
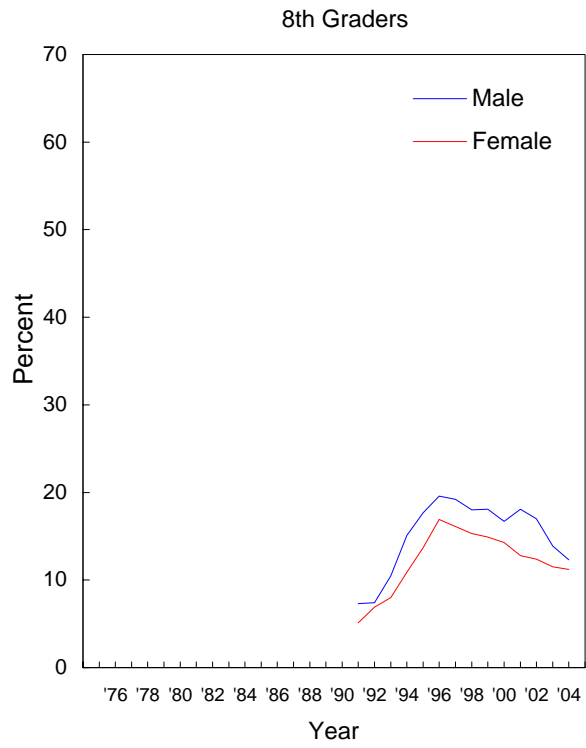
Any Illicit Drug Other than Marijuana:* Trends in Annual Prevalence by Race/Ethnicity**



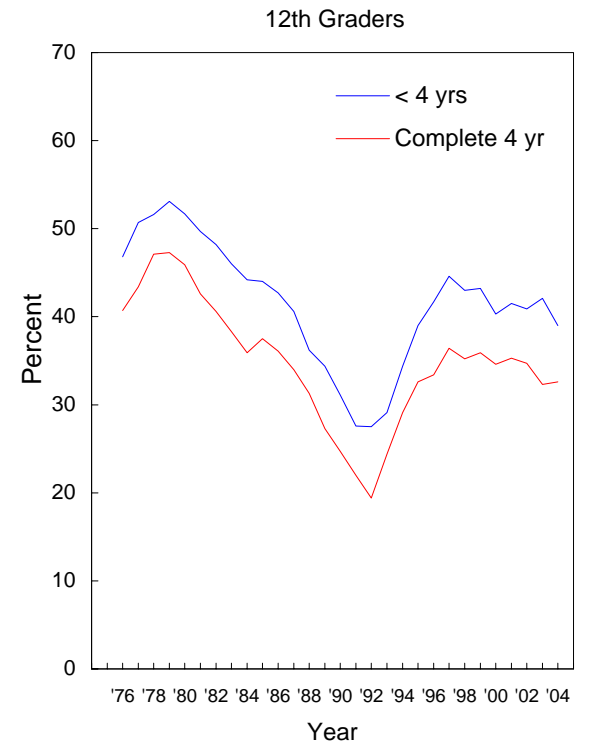
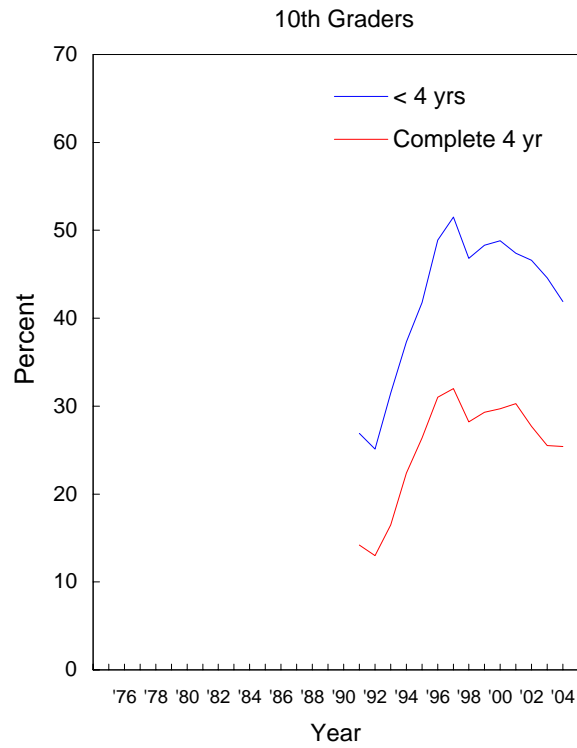
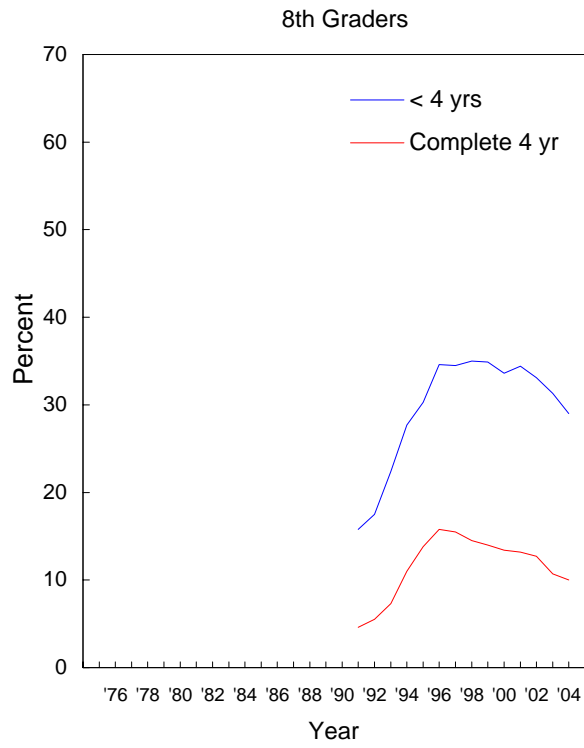
*Beginning in 2001, revised sets of questions on other hallucinogen and tranquilizer use were introduced. Data for "any illicit drug other than marijuana" are affected by these changes. Refer to corresponding tables for further details.

**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).

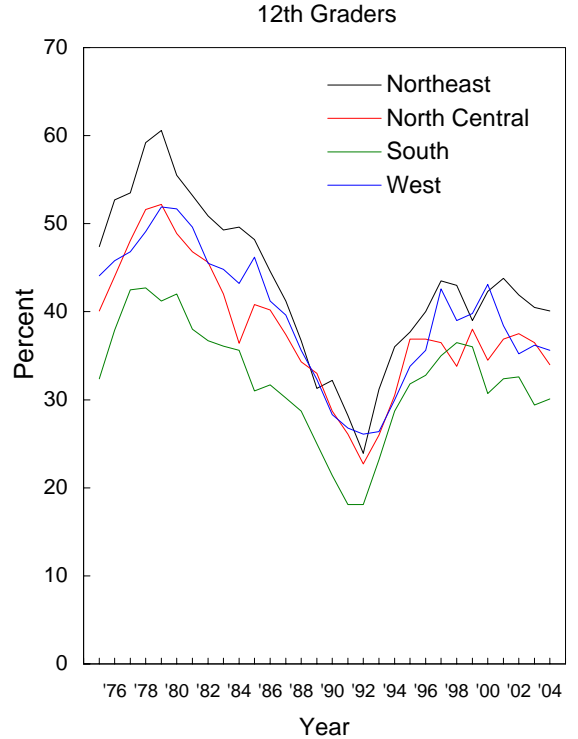
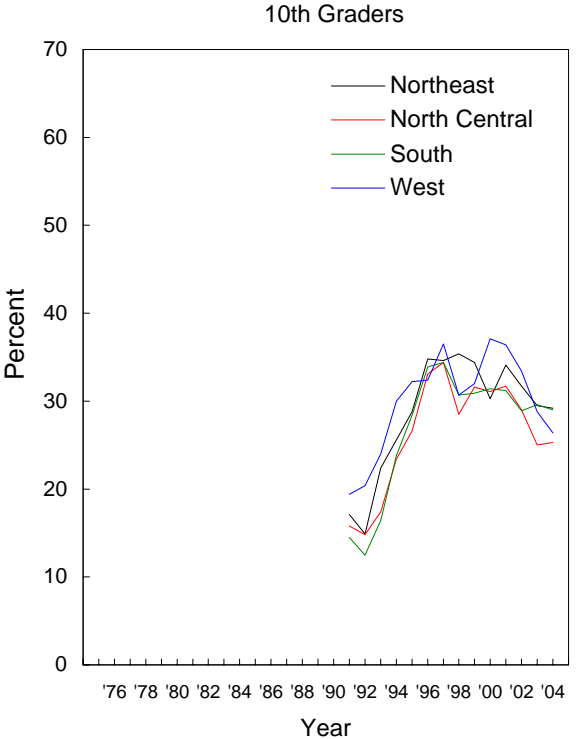
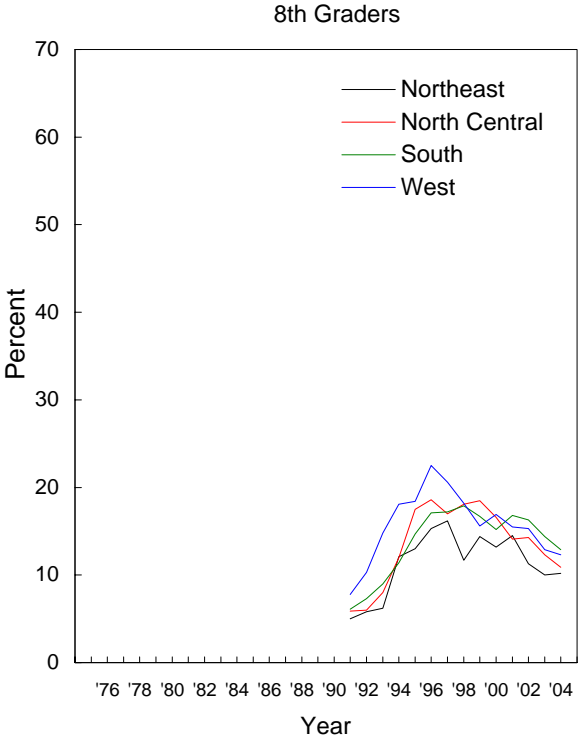
Marijuana: Trends in Annual Prevalence by Gender



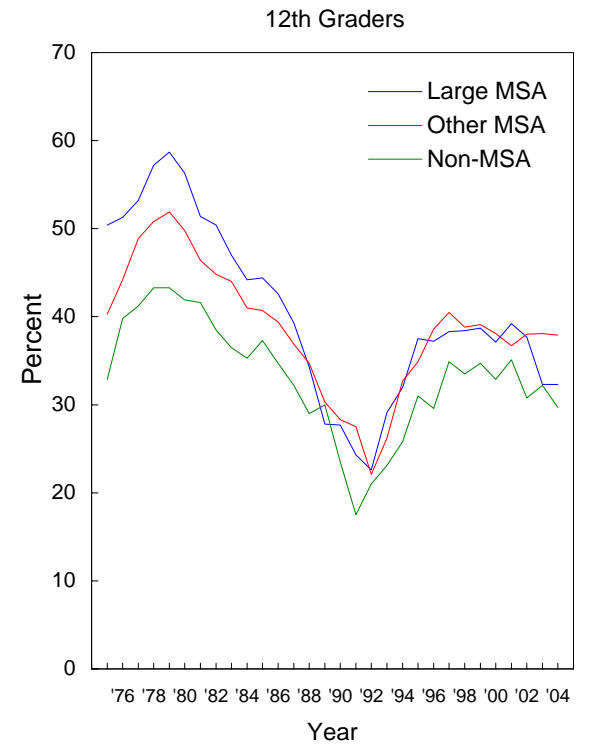
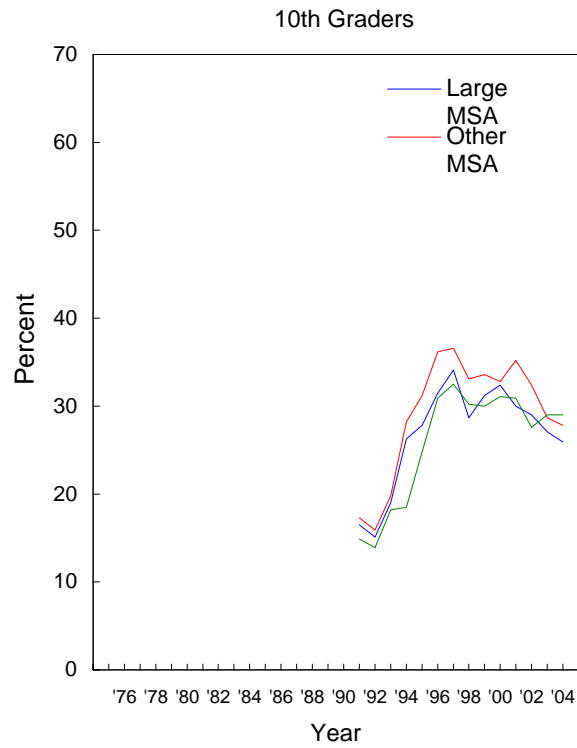
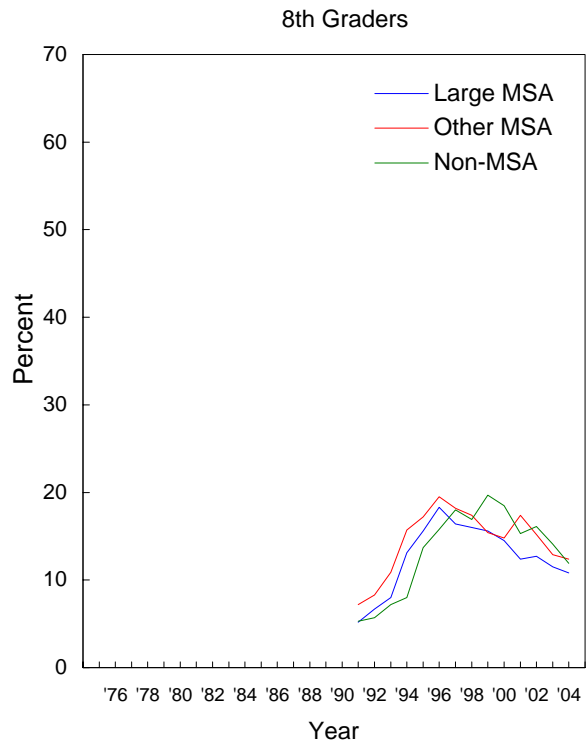
Marijuana: Trends in Annual Prevalence by College Plans



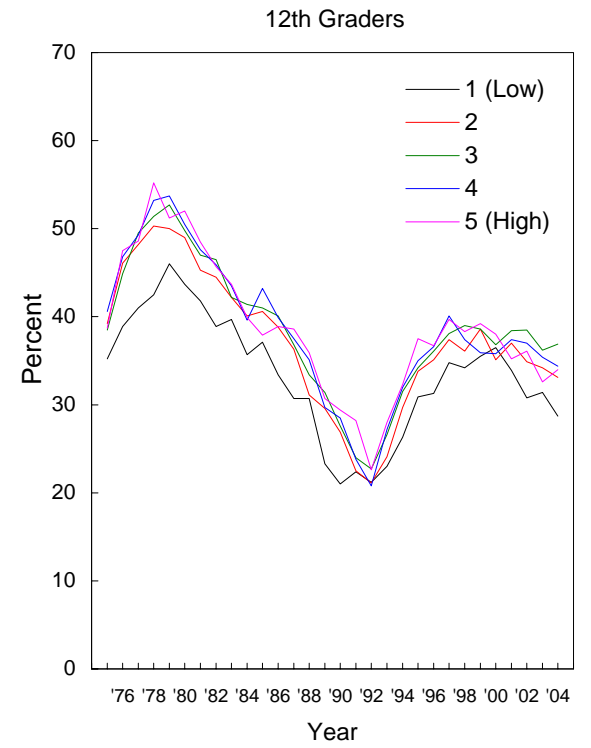
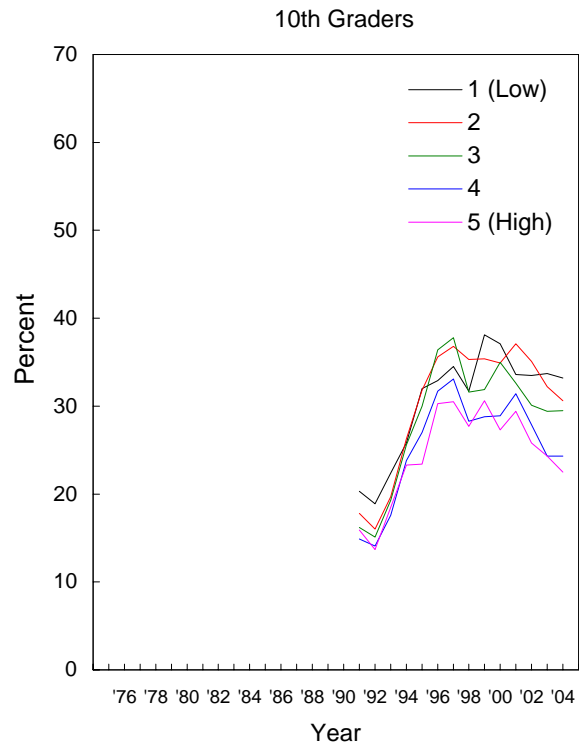
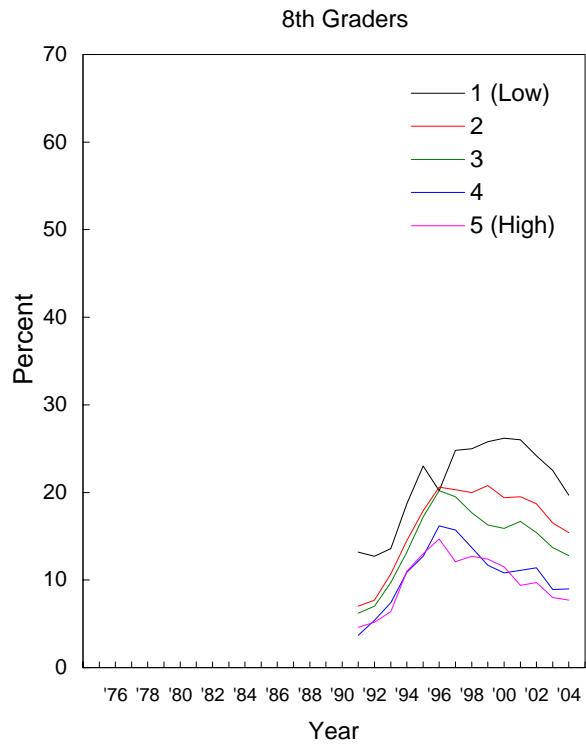
Marijuana: Trends in Annual Prevalence by Region



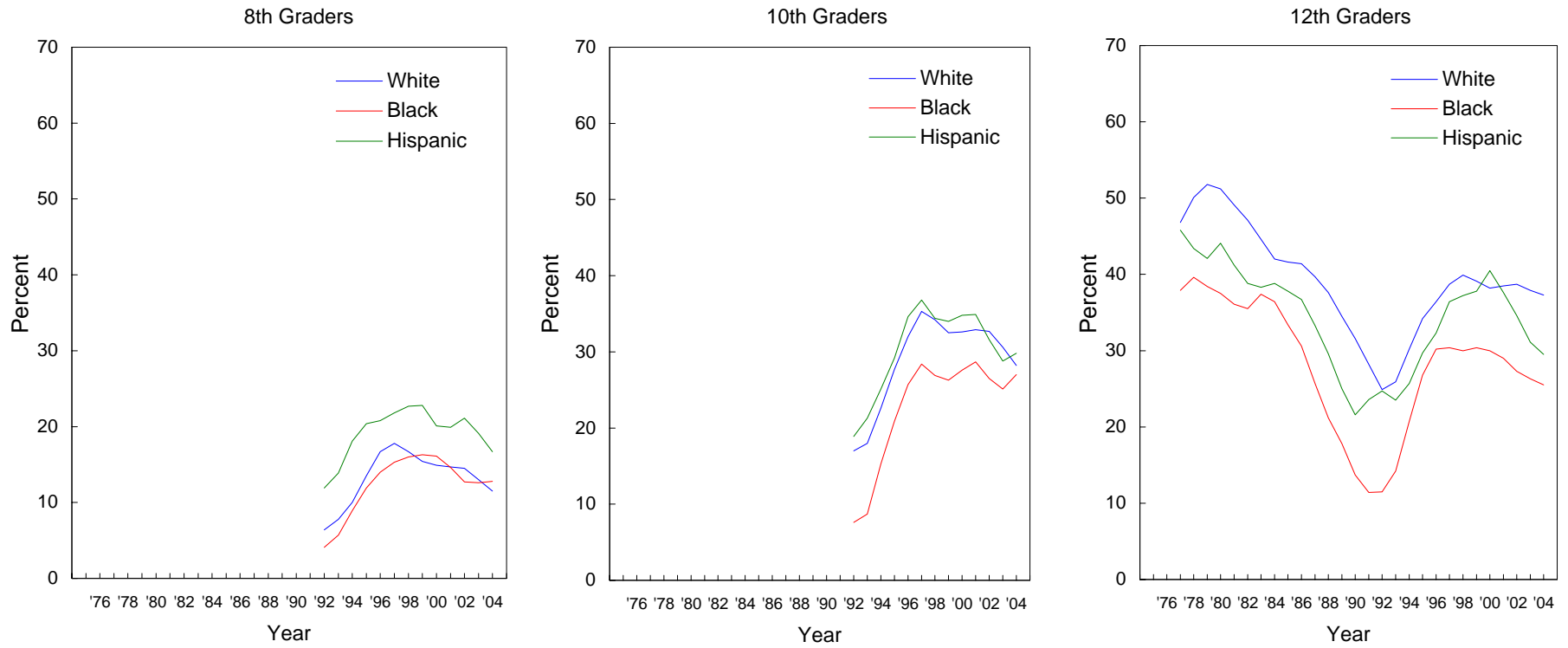
Marijuana: Trends in Annual Prevalence by Population Density



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

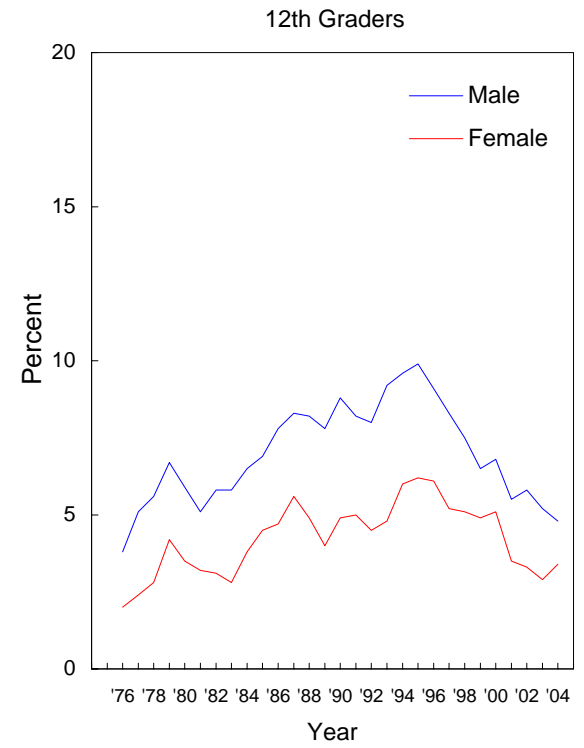
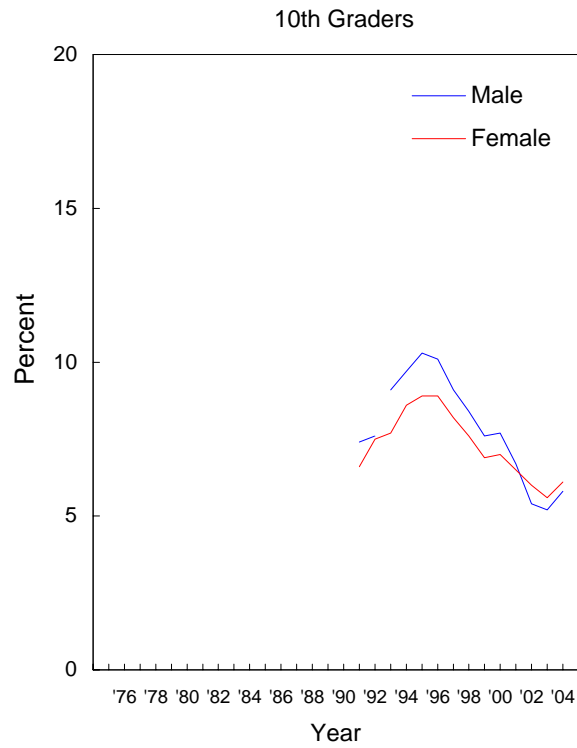
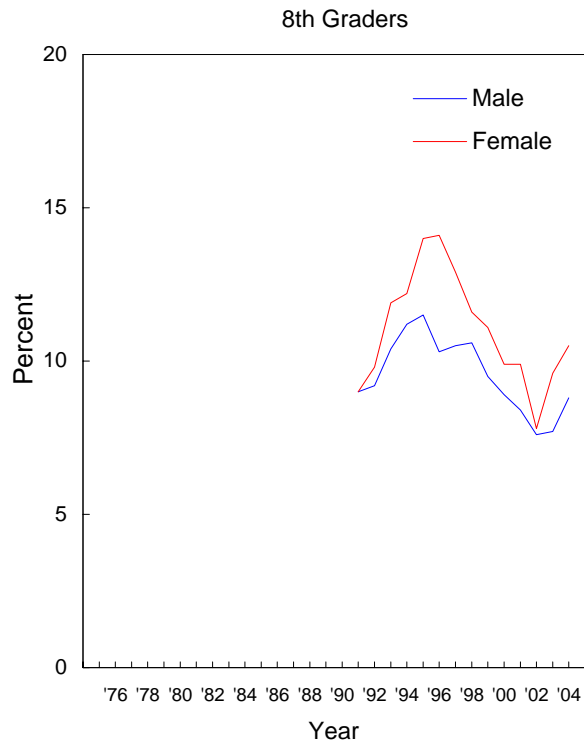


Marijuana: Trends in Annual Prevalence by Race/Ethnicity*

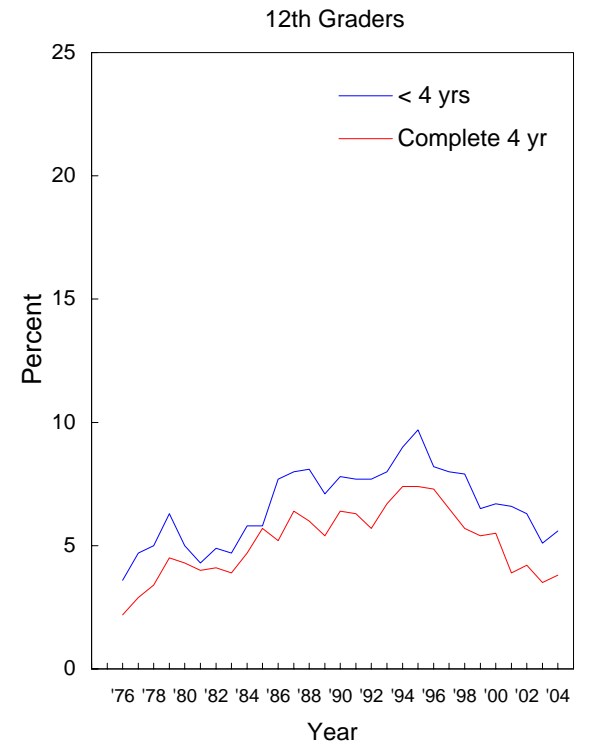
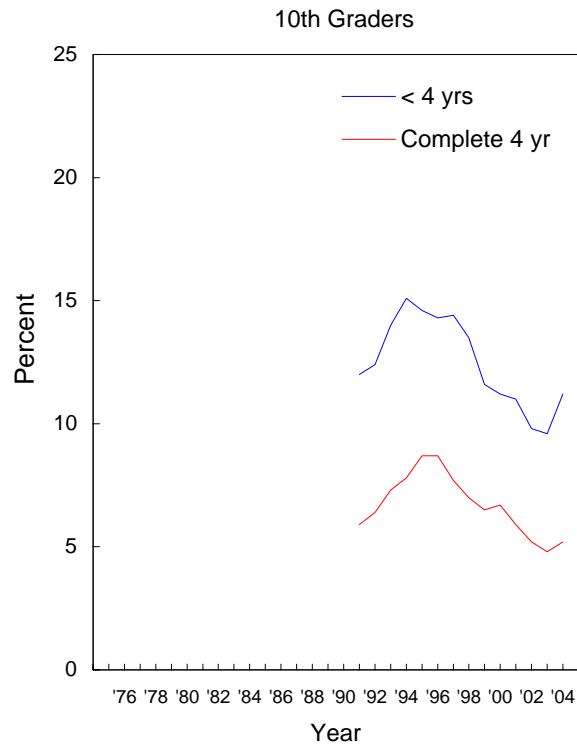
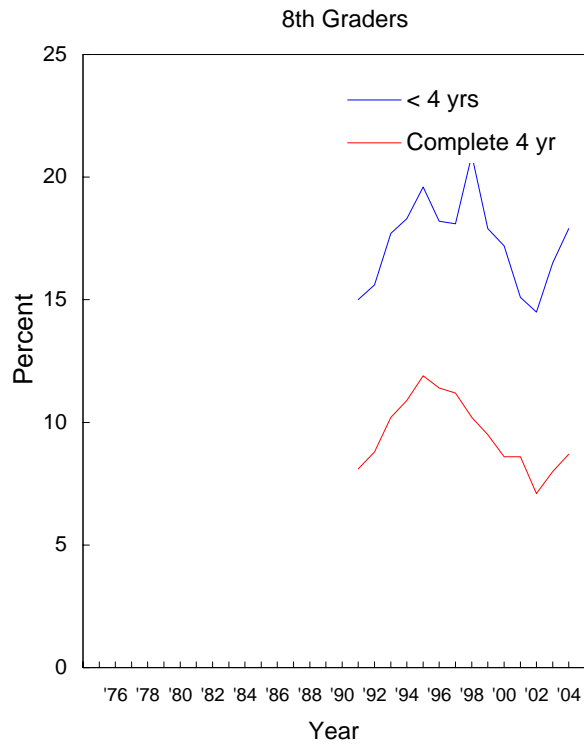


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

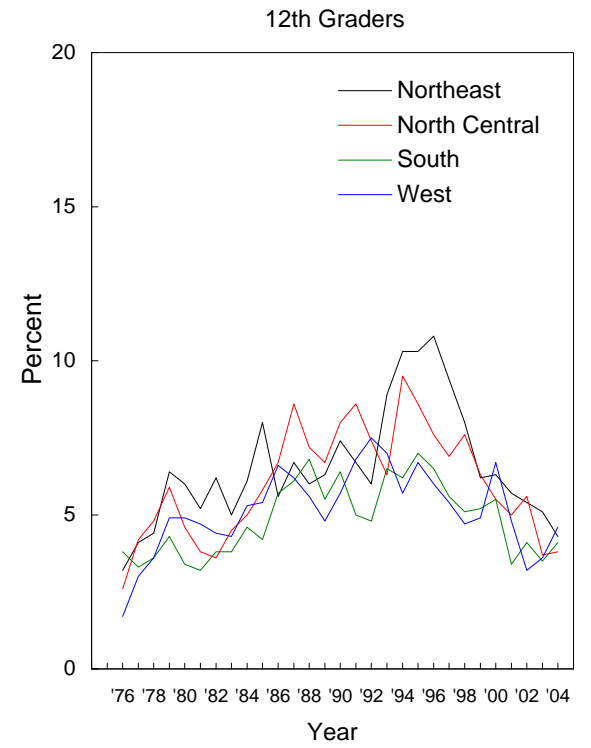
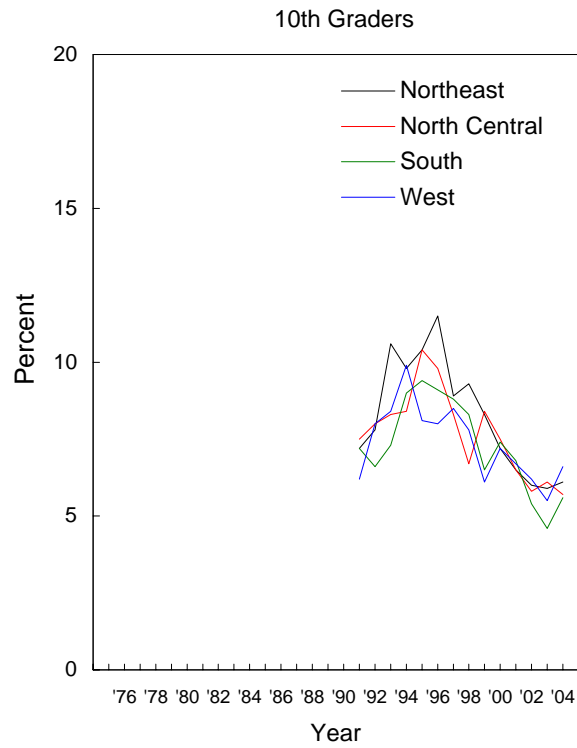
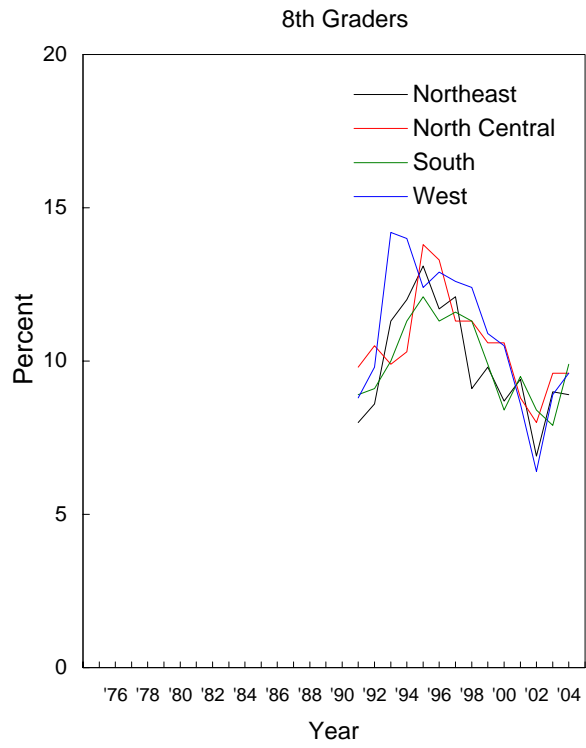
Inhalants: Trends in Annual Prevalence by Gender



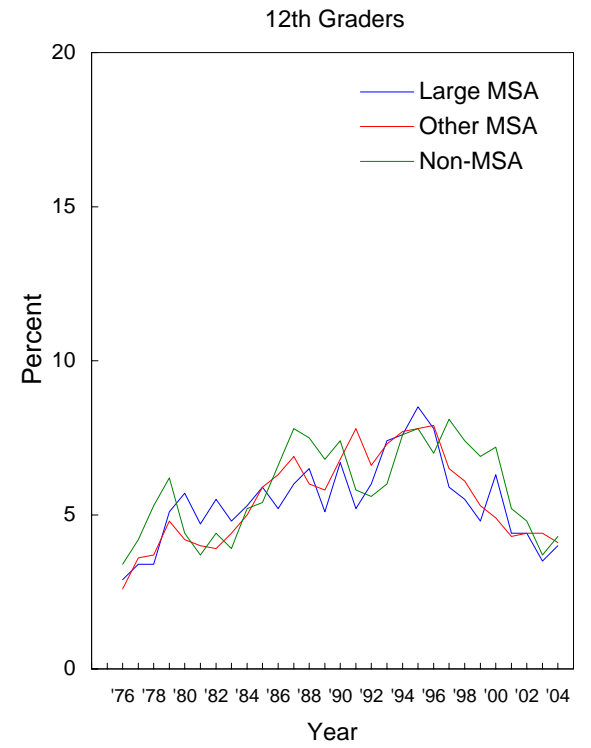
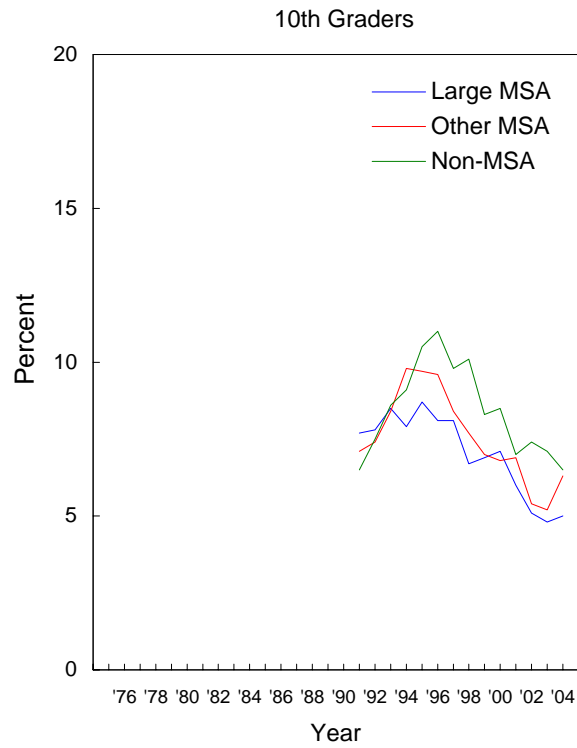
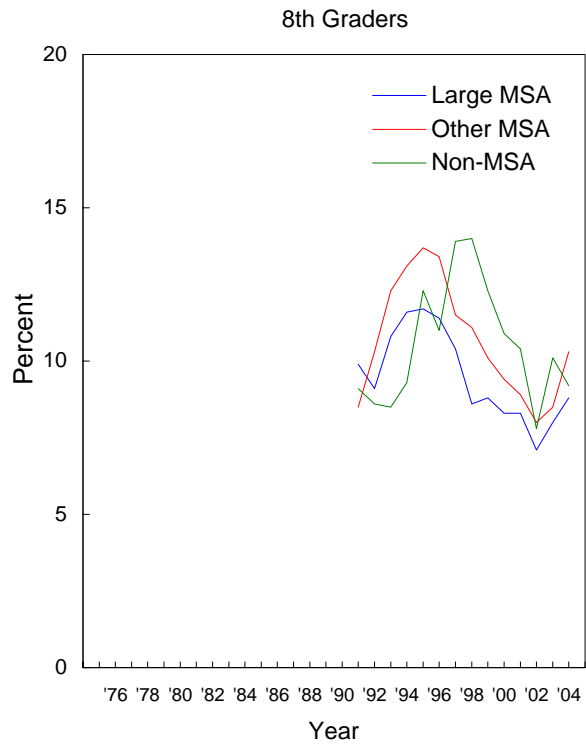
Inhalants: Trends in Annual Prevalence by College Plans



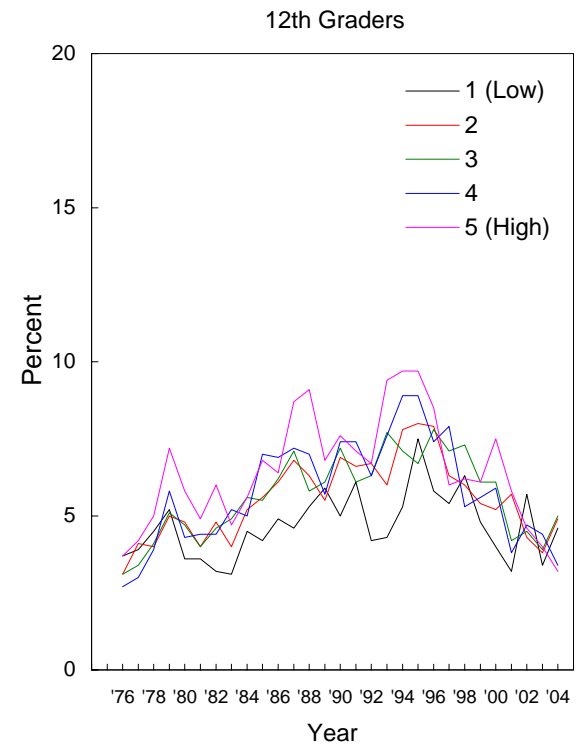
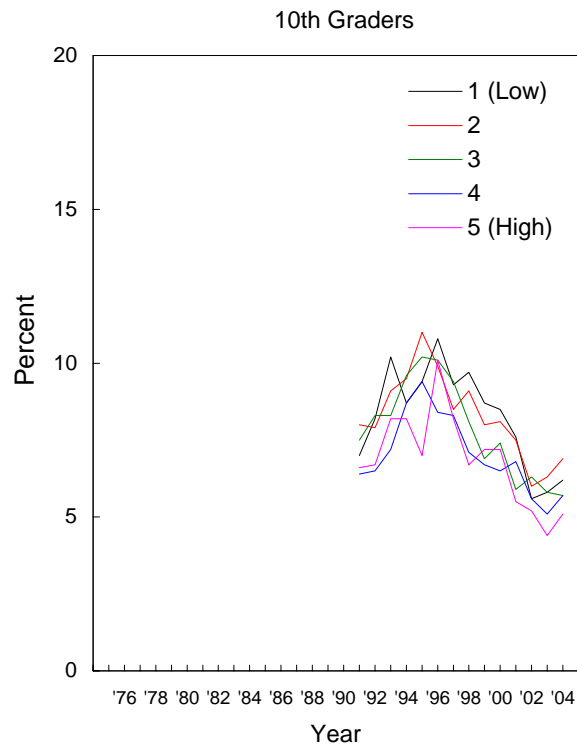
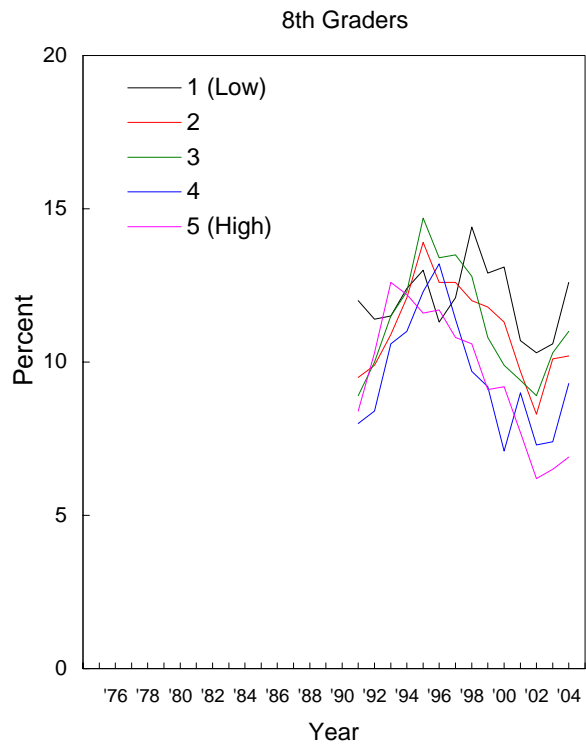
Inhalants: Trends in Annual Prevalence by Region



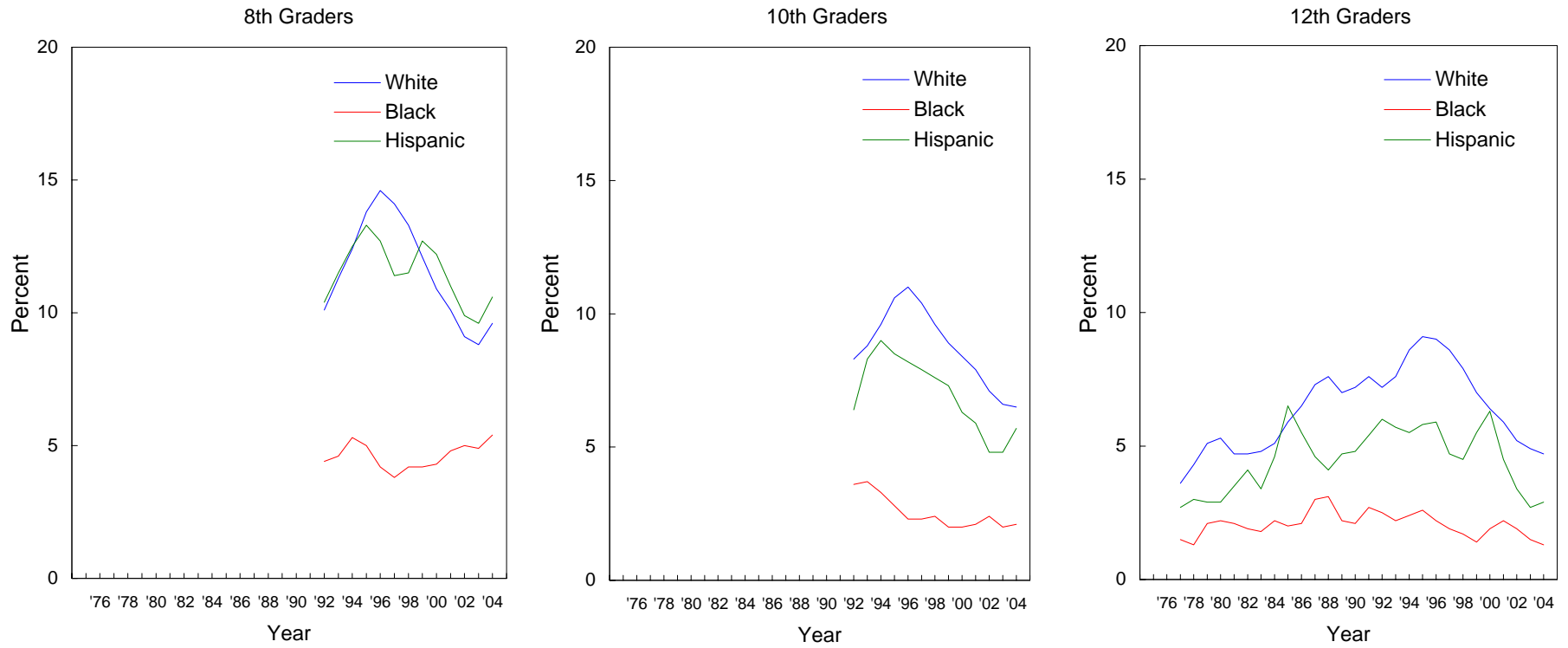
Inhalants: Trends in Annual Prevalence by Population Density



Inhalants: Trends in Annual Prevalence by Parents' Average Education

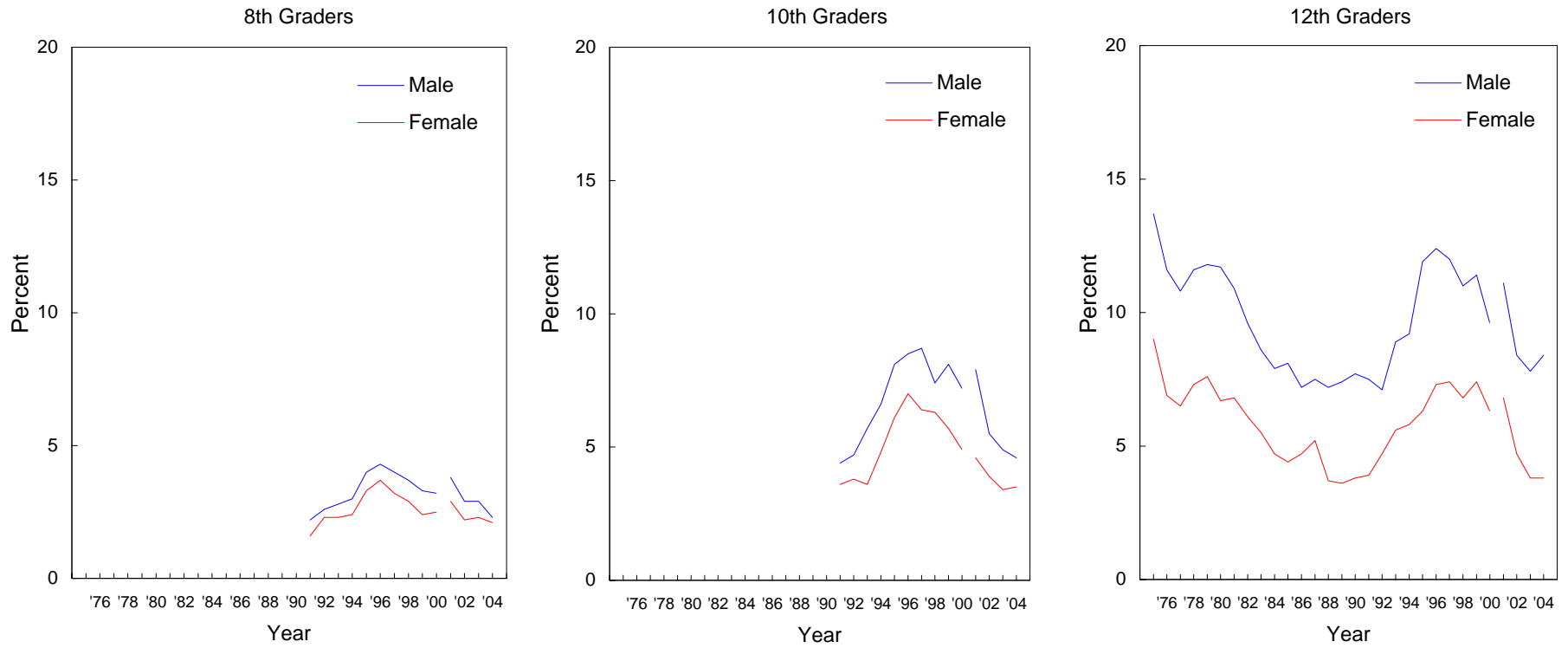


Inhalants: Trends in Annual Prevalence by Race/Ethnicity*



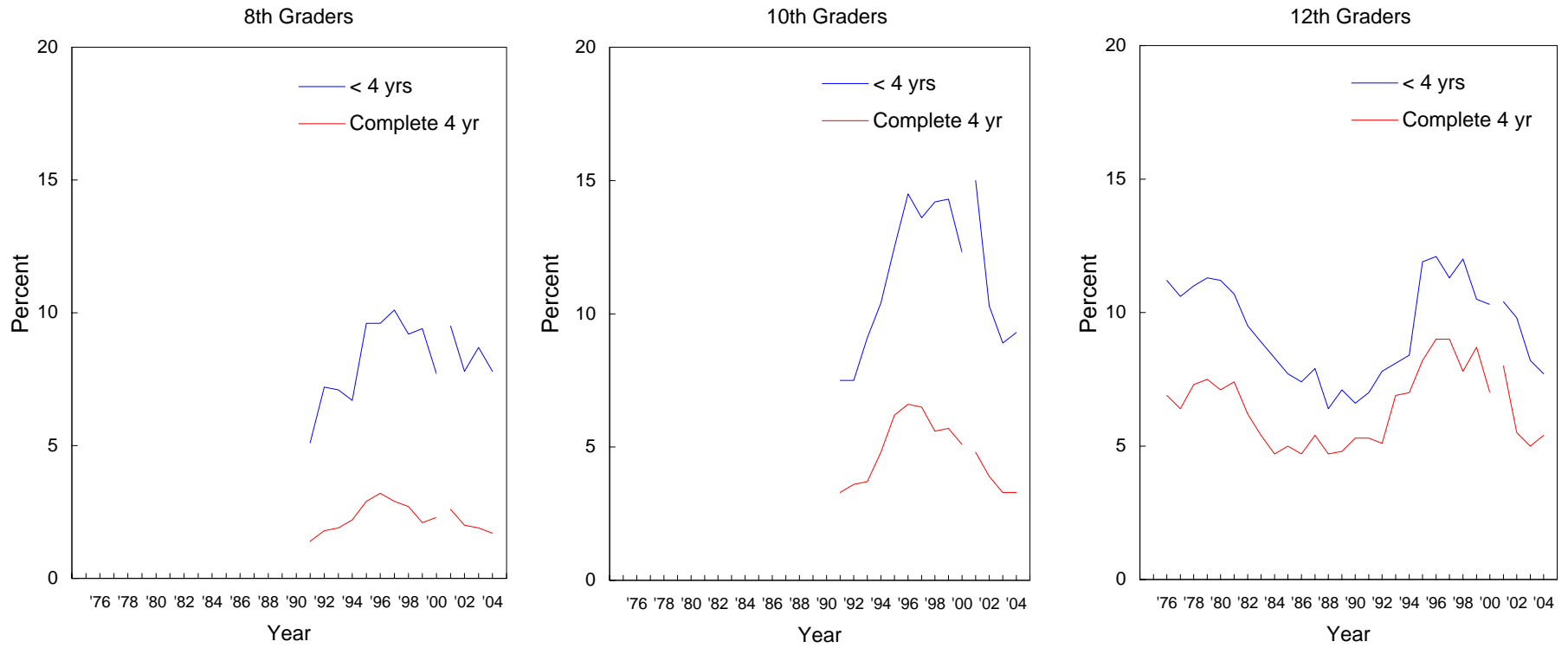
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Hallucinogens:* Trends in Annual Prevalence by Gender



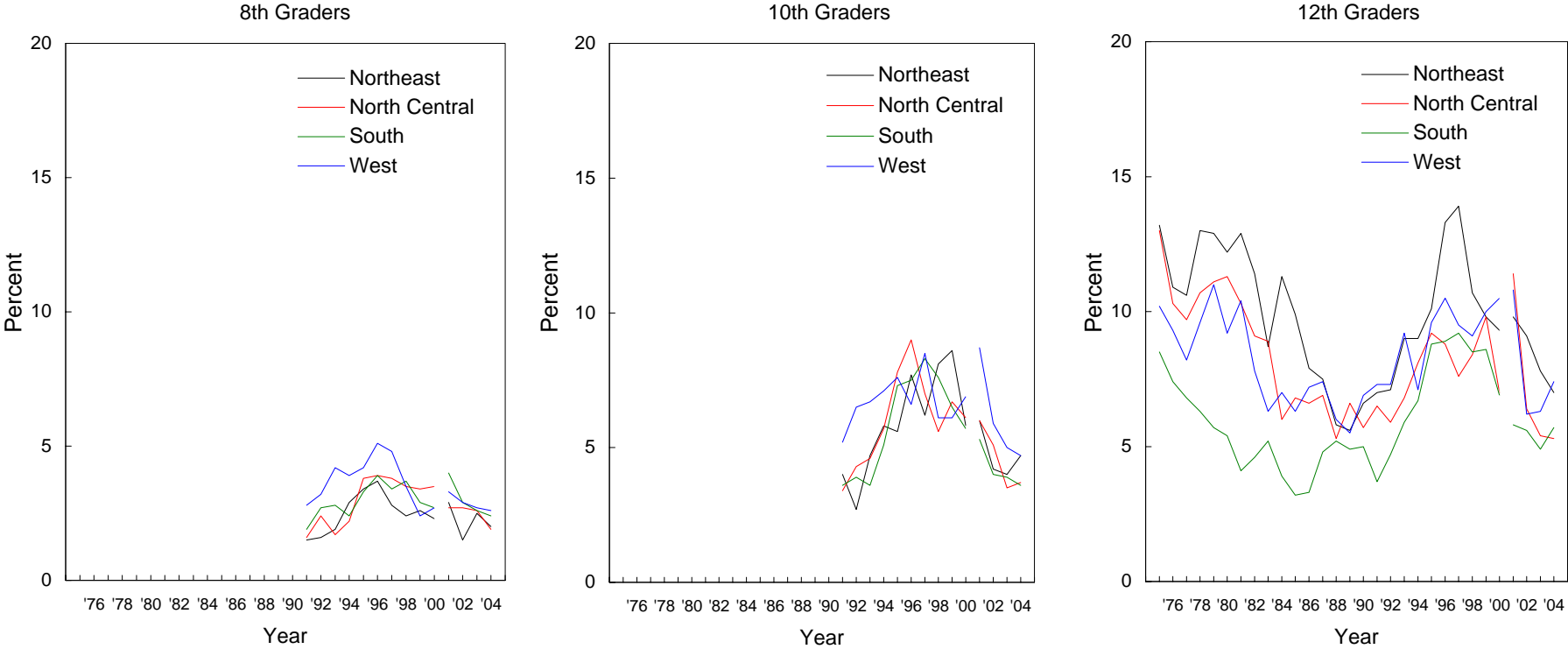
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

Hallucinogens:* Trends in Annual Prevalence by College Plans



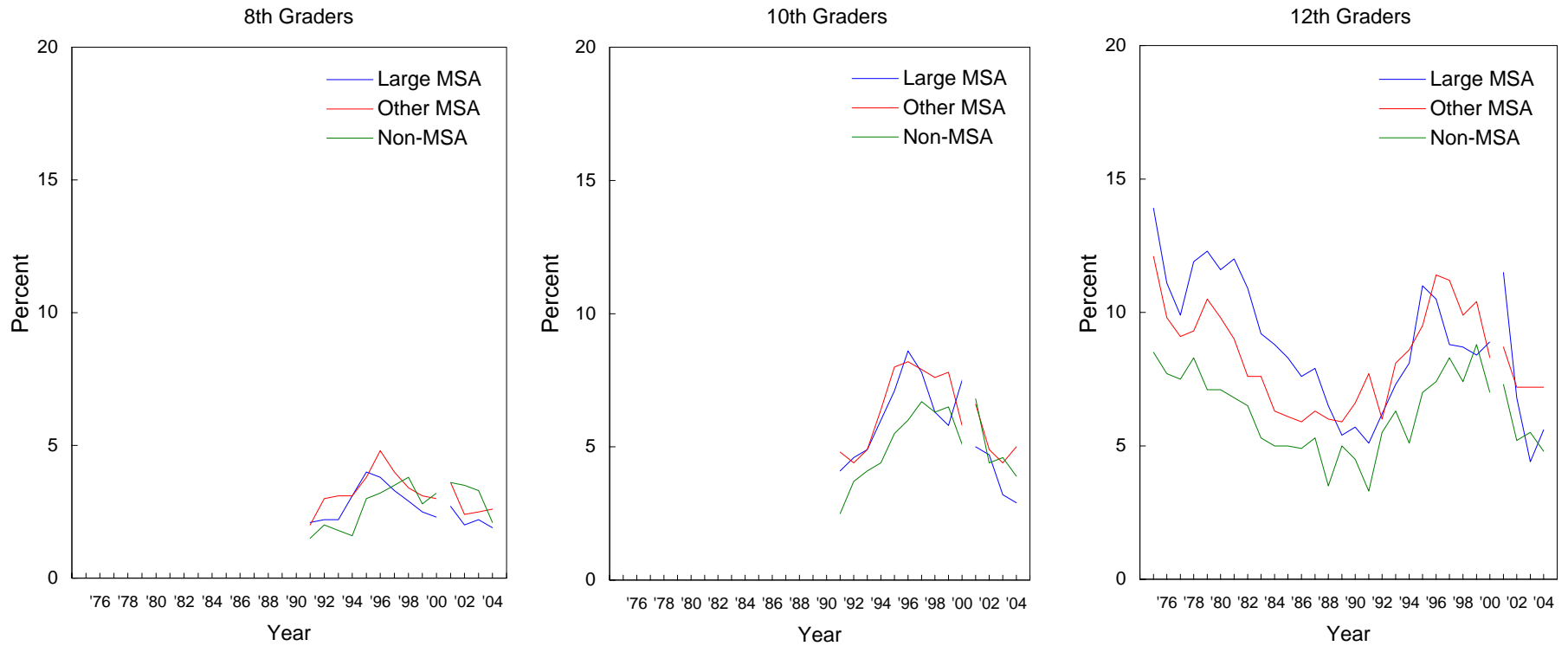
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

Hallucinogens:* Trends in Annual Prevalence by Region



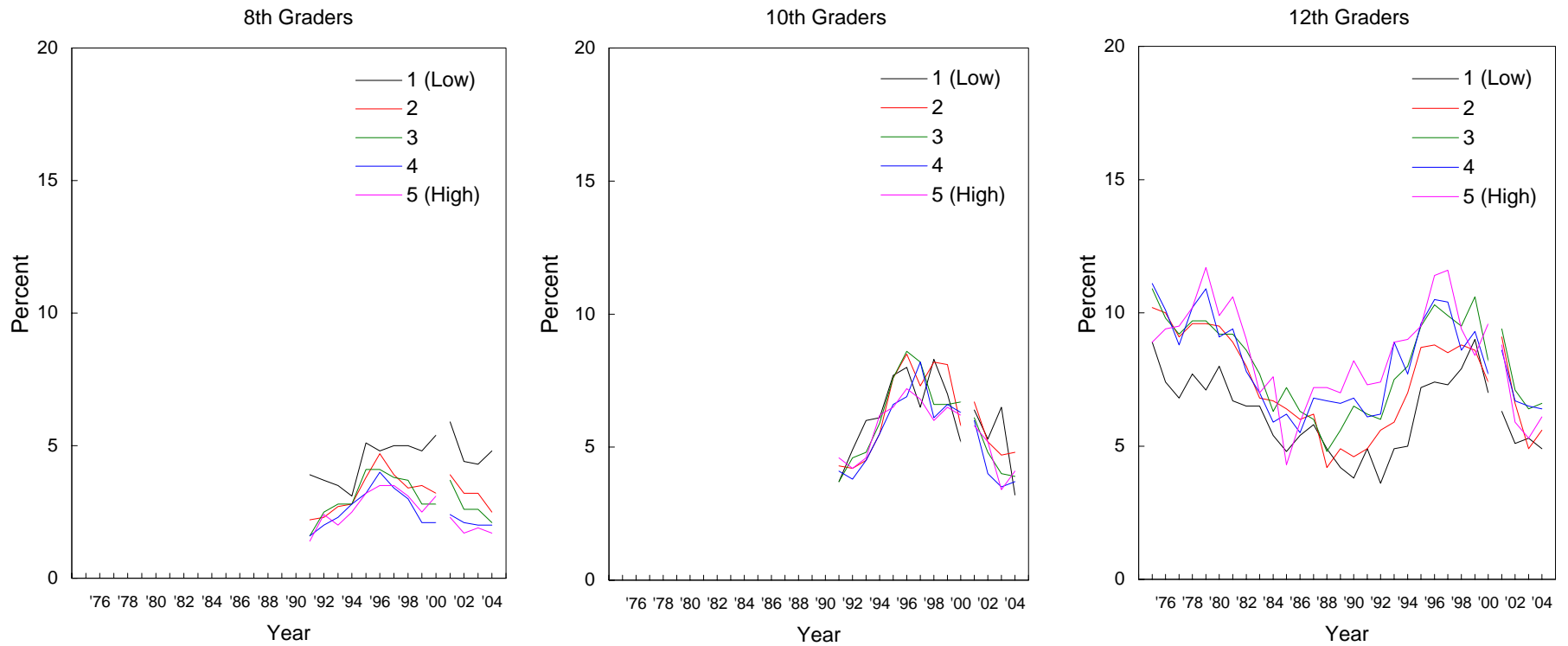
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

Hallucinogens:* Trends in Annual Prevalence by Population Density



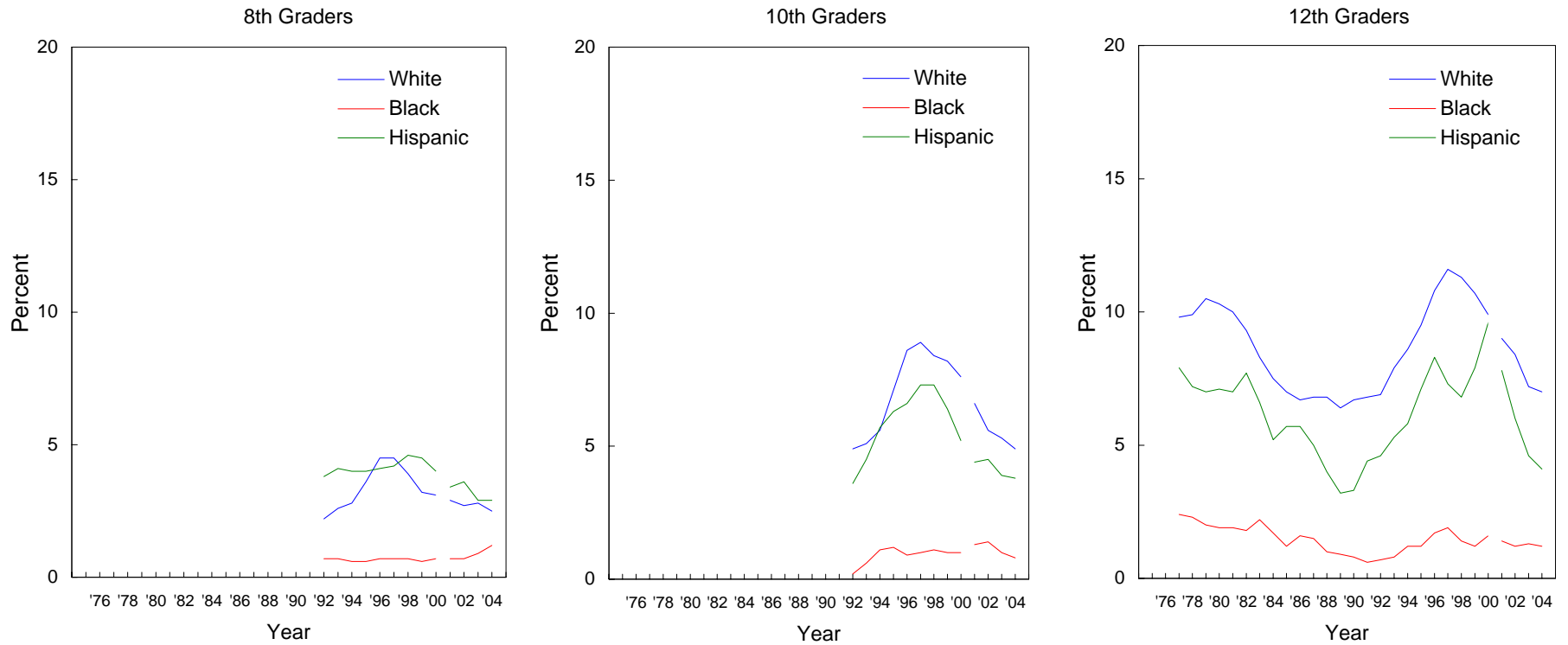
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

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.

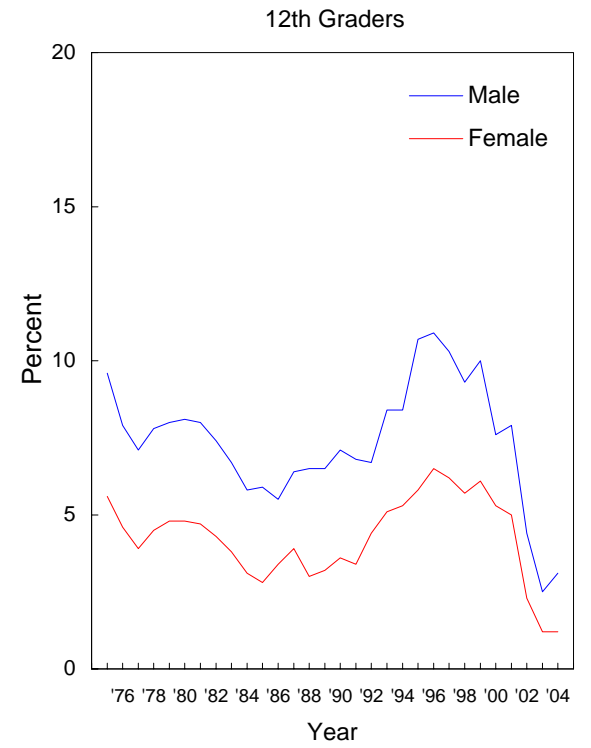
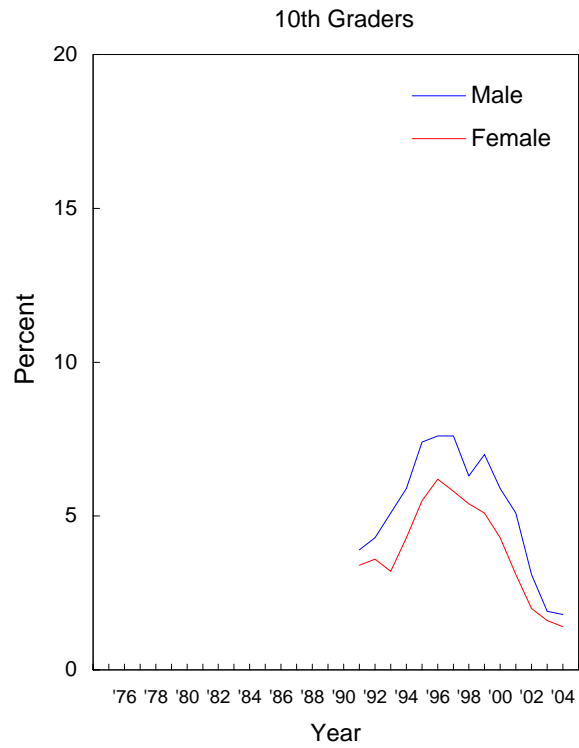
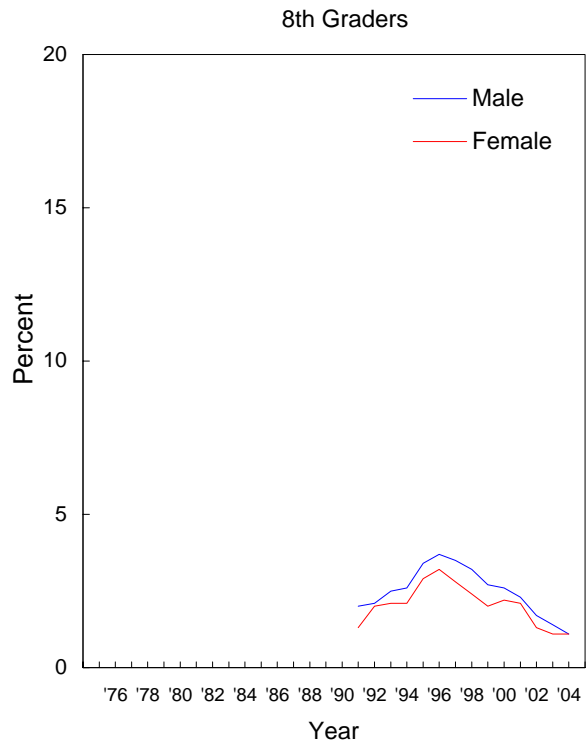
Hallucinogens:* Trends in Annual Prevalence by Race/Ethnicity**



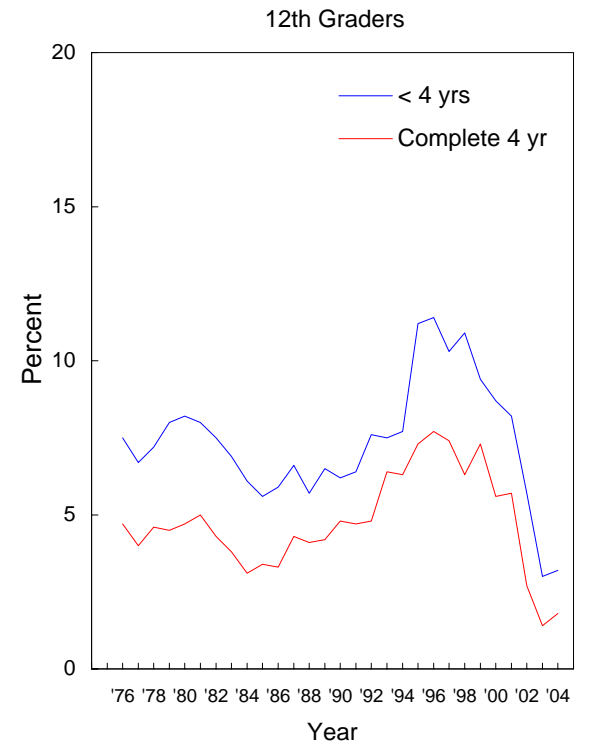
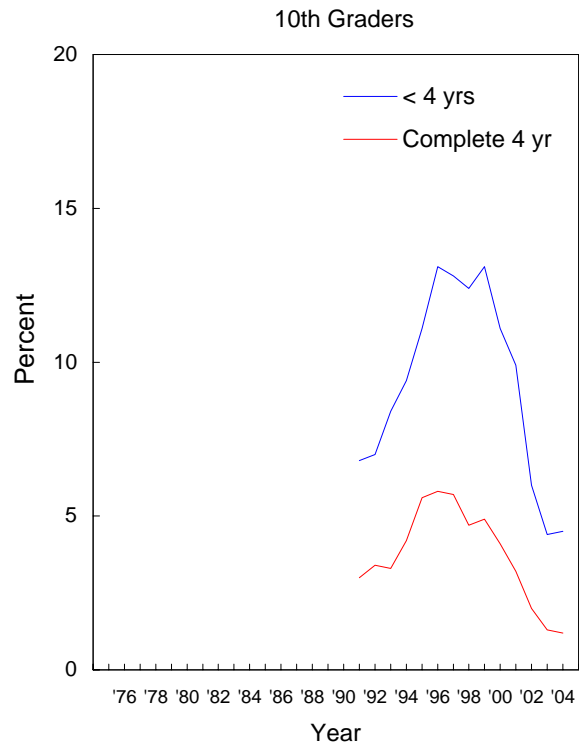
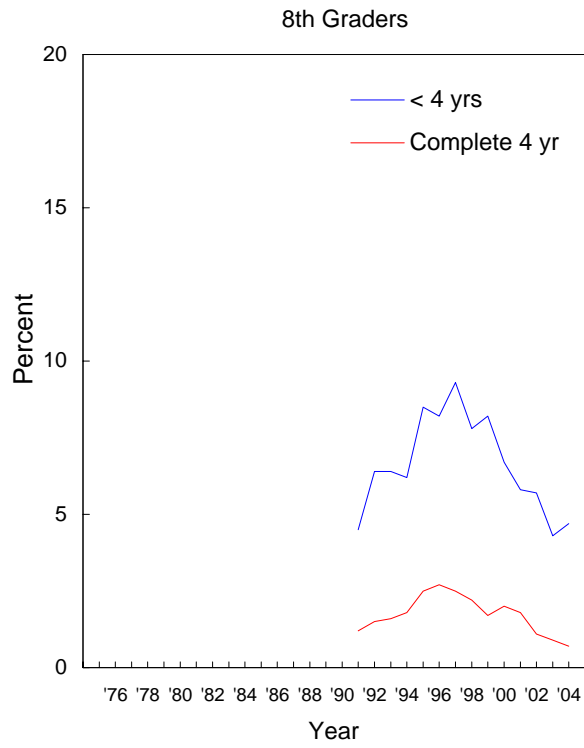
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Data for hallucinogens are affected by these changes. Refer to corresponding tables for further details.

**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).

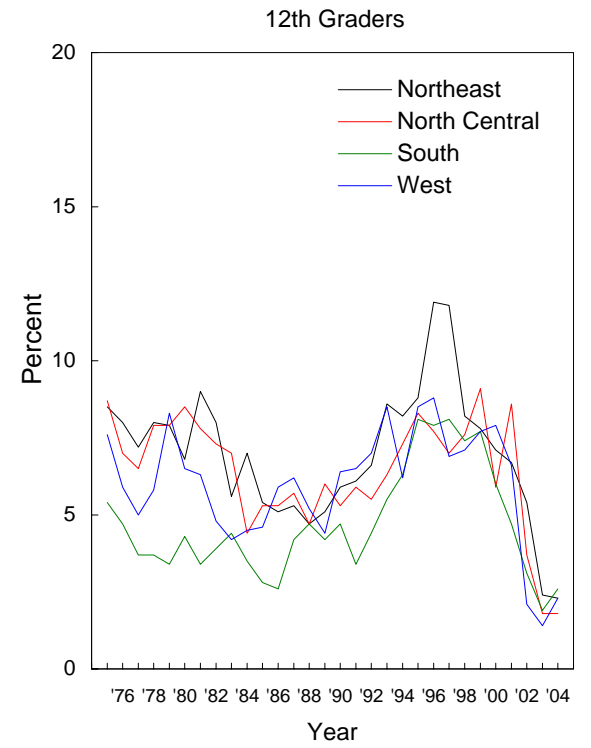
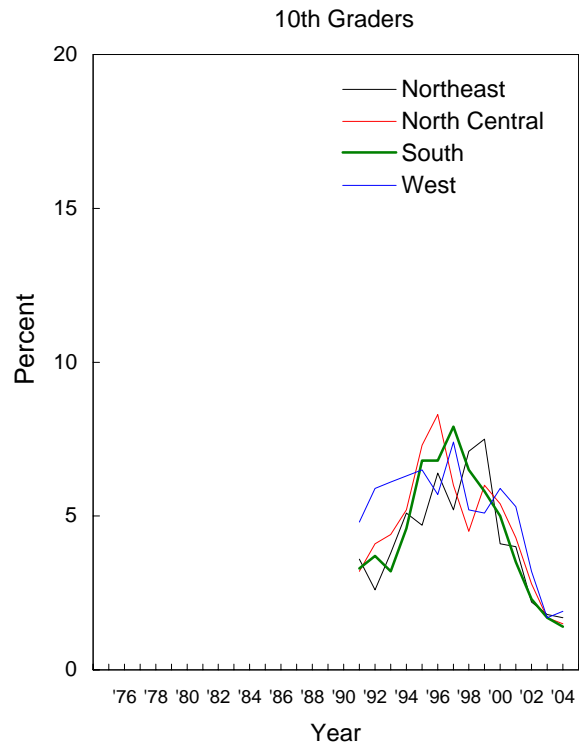
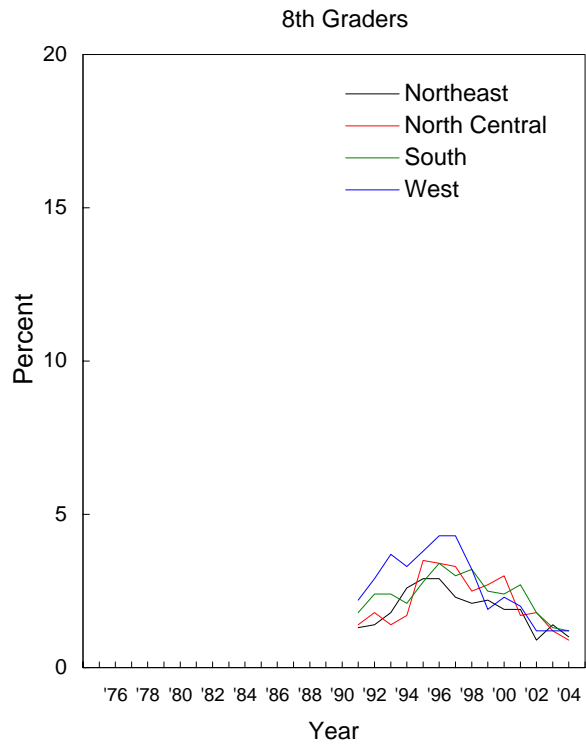
LSD: Trends in Annual Prevalence by Gender



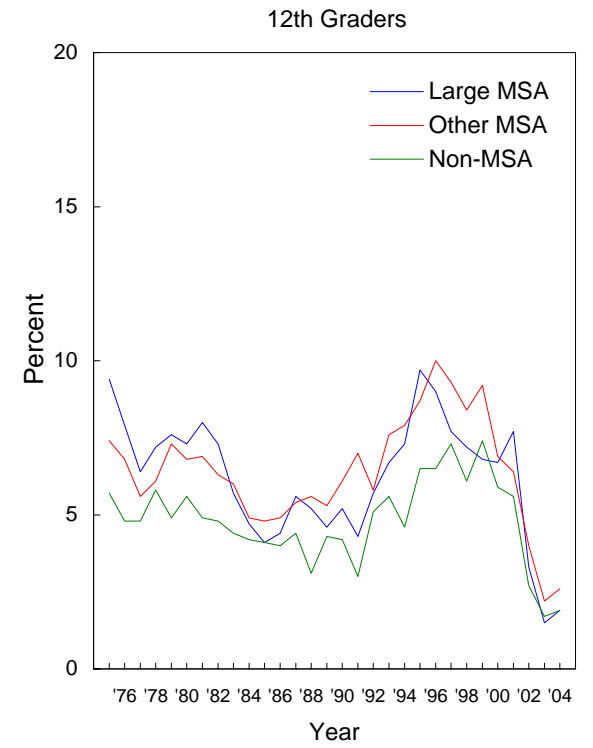
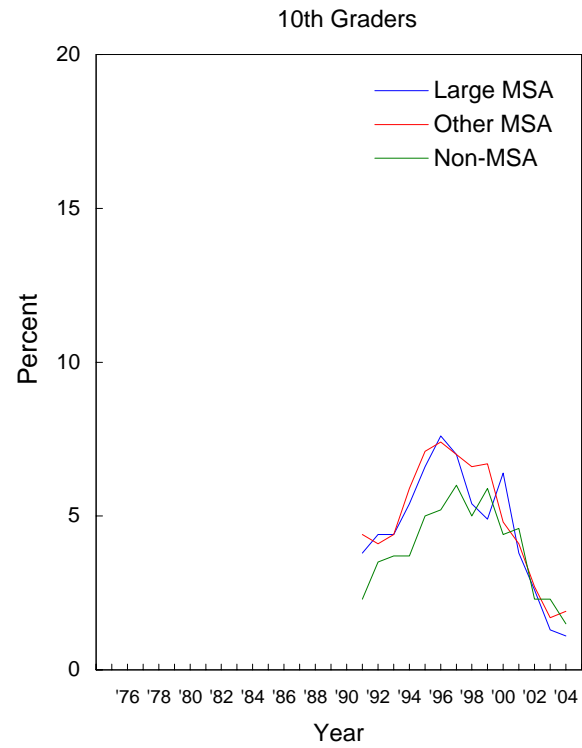
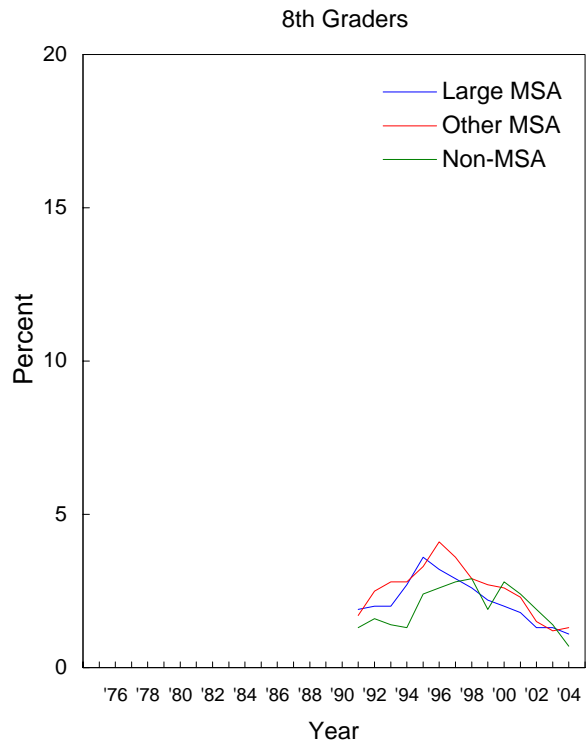
LSD: Trends in Annual Prevalence by College Plans



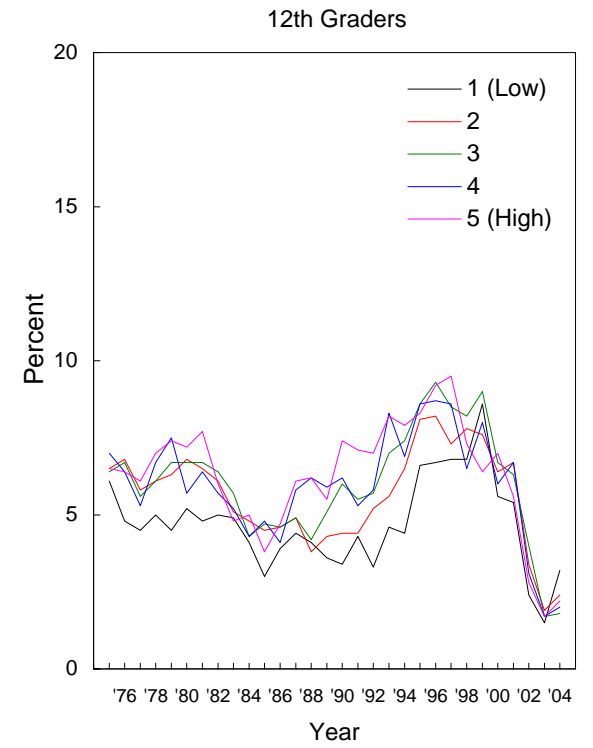
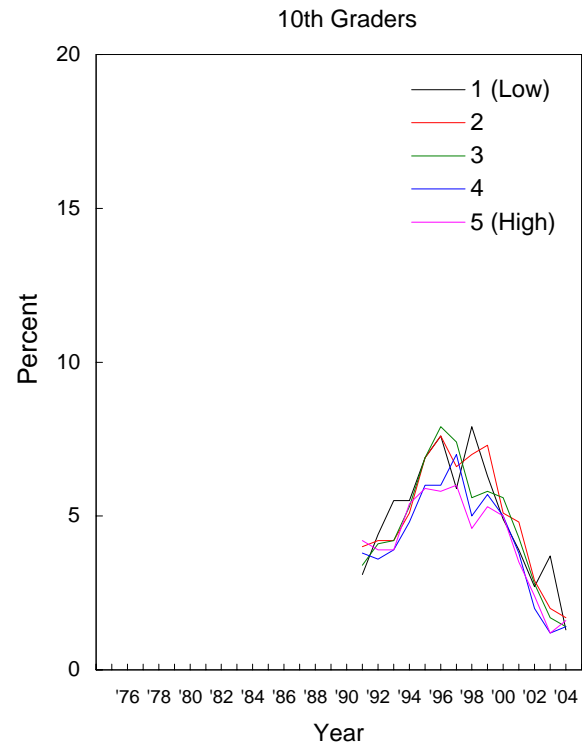
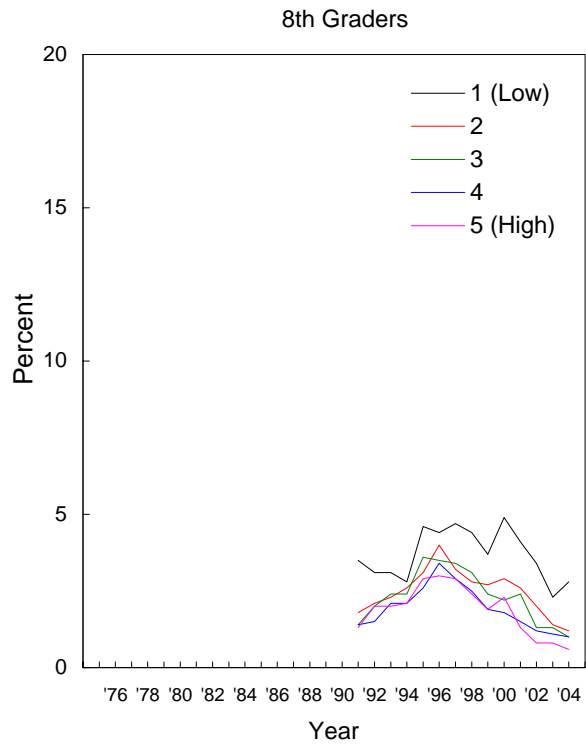
LSD: Trends in Annual Prevalence by Region



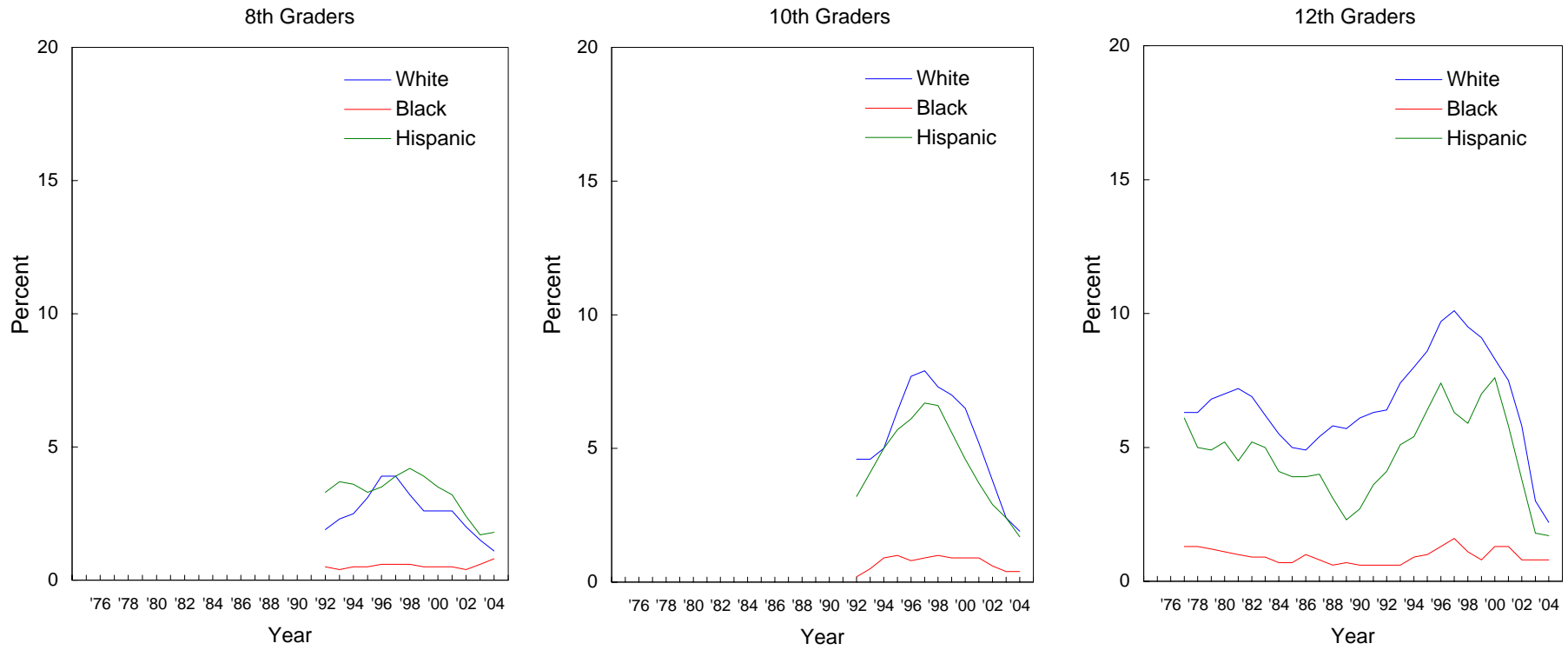
LSD: Trends in Annual Prevalence by Population Density



LSD: Trends in Annual Prevalence by Parents' Average Education

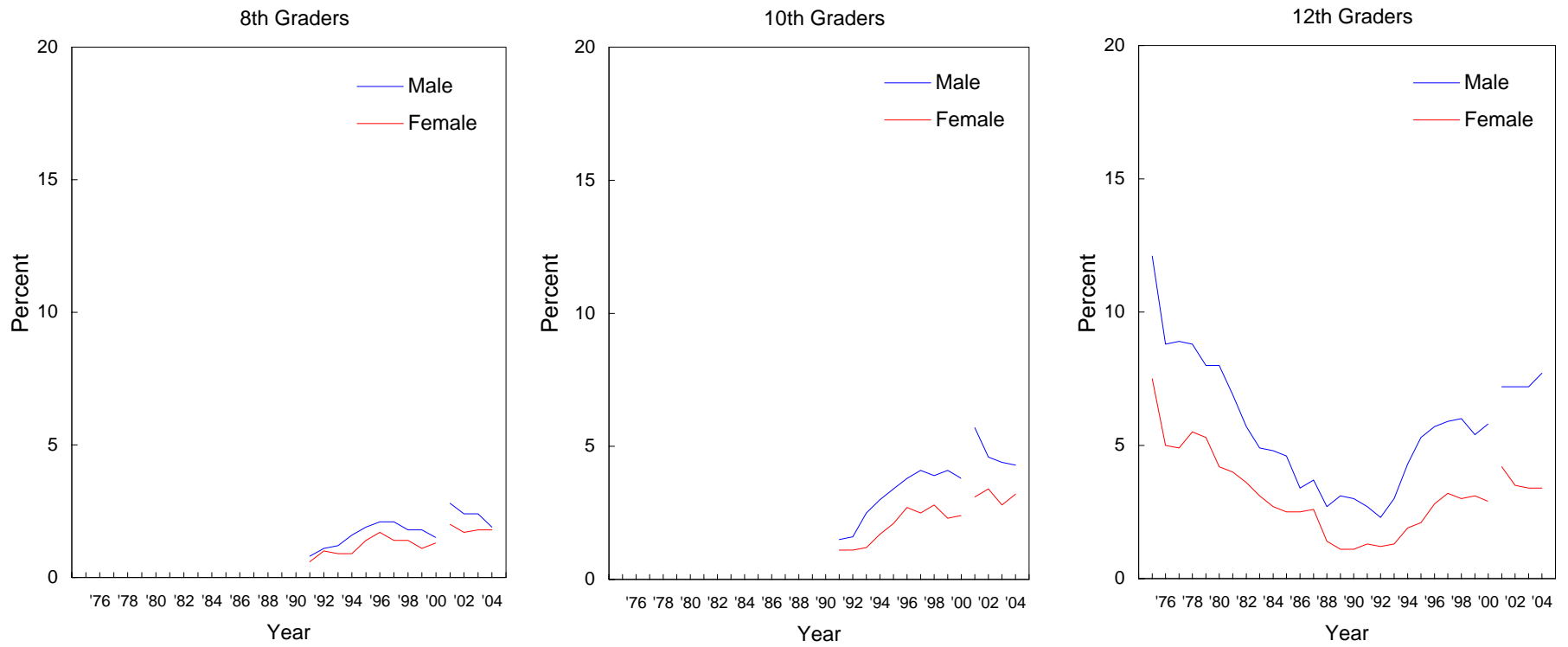


LSD: Trends in Annual Prevalence by Race/Ethnicity*



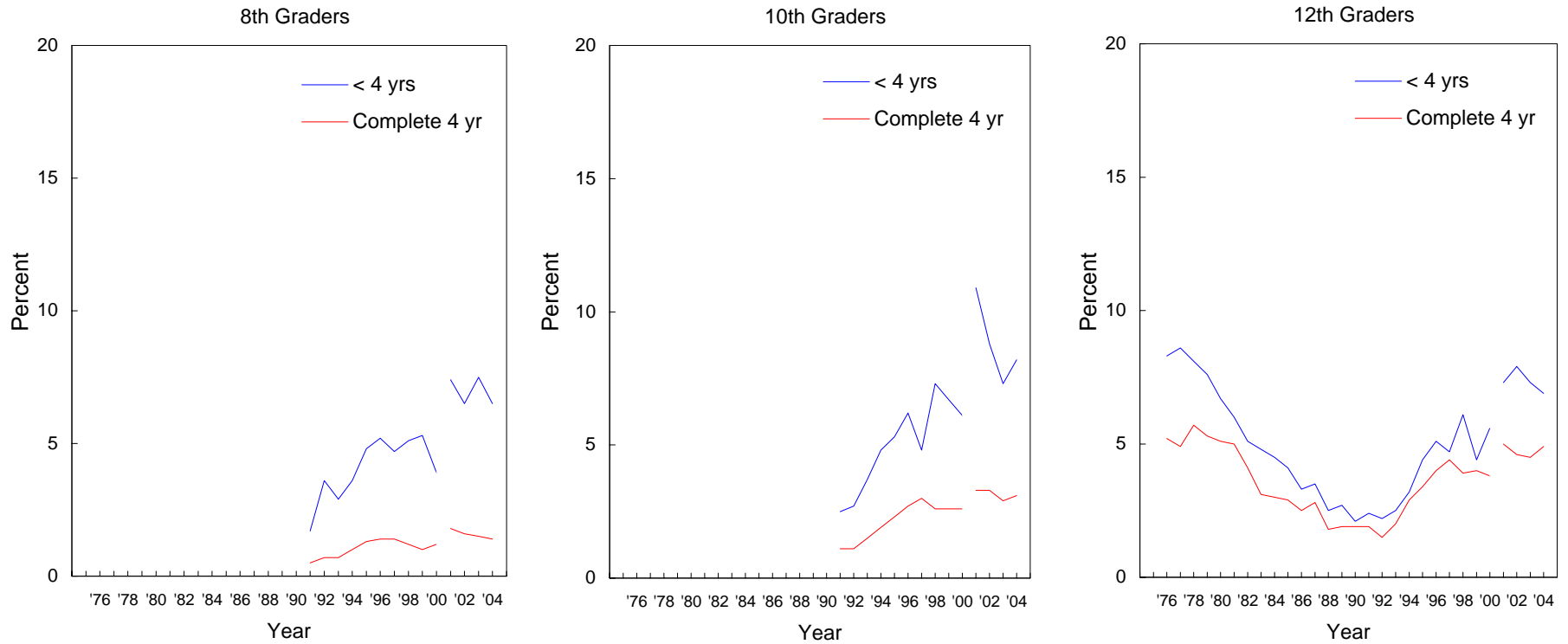
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Other Hallucinogens:* Trends in Annual Prevalence by Gender



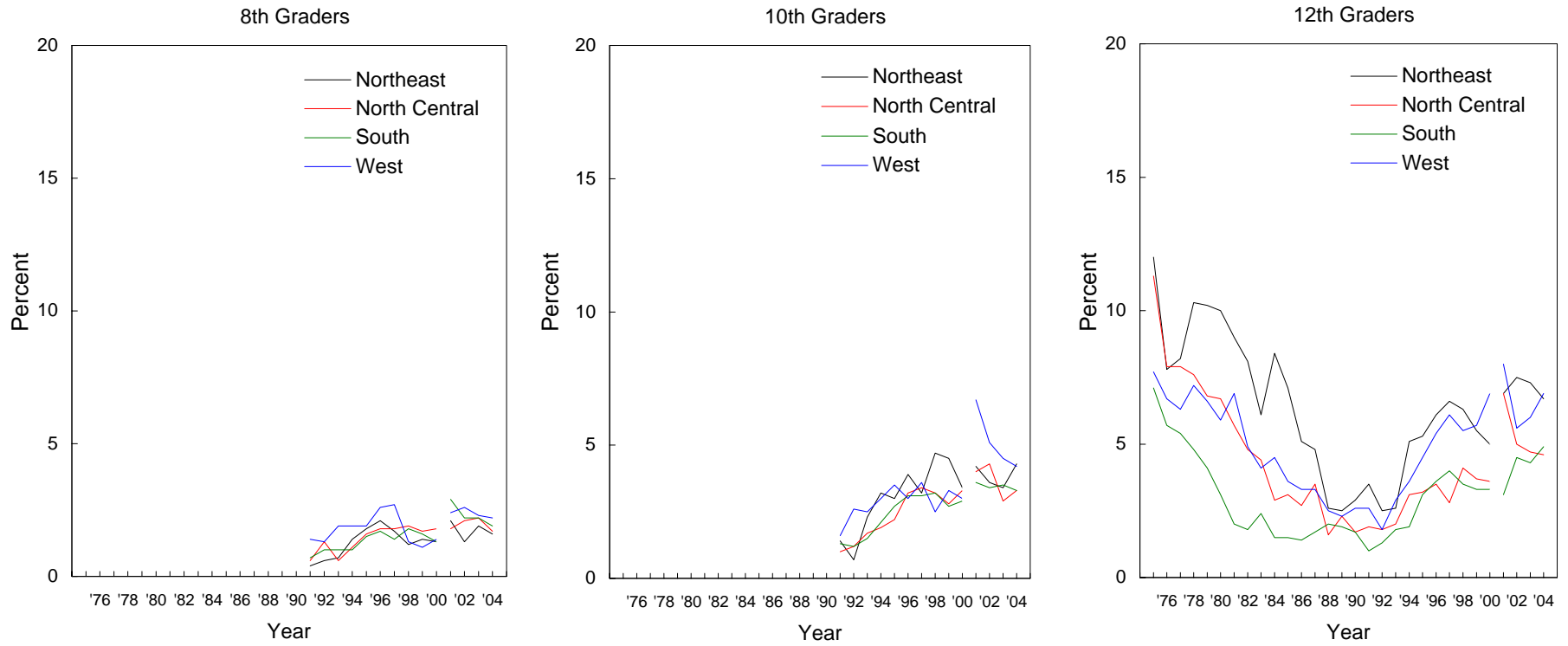
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

Other Hallucinogens:* Trends in Annual Prevalence by College Plans



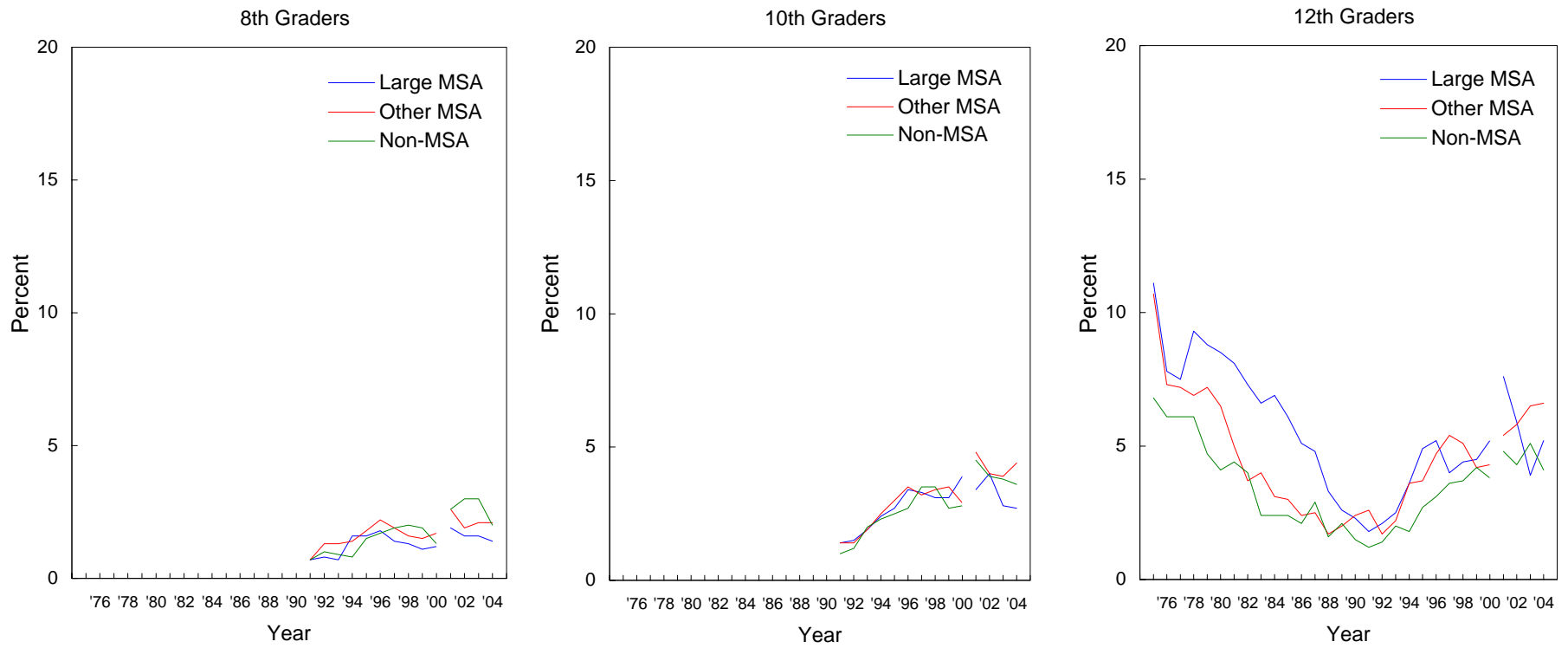
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

Other Hallucinogens:* Trends in Annual Prevalence by Region



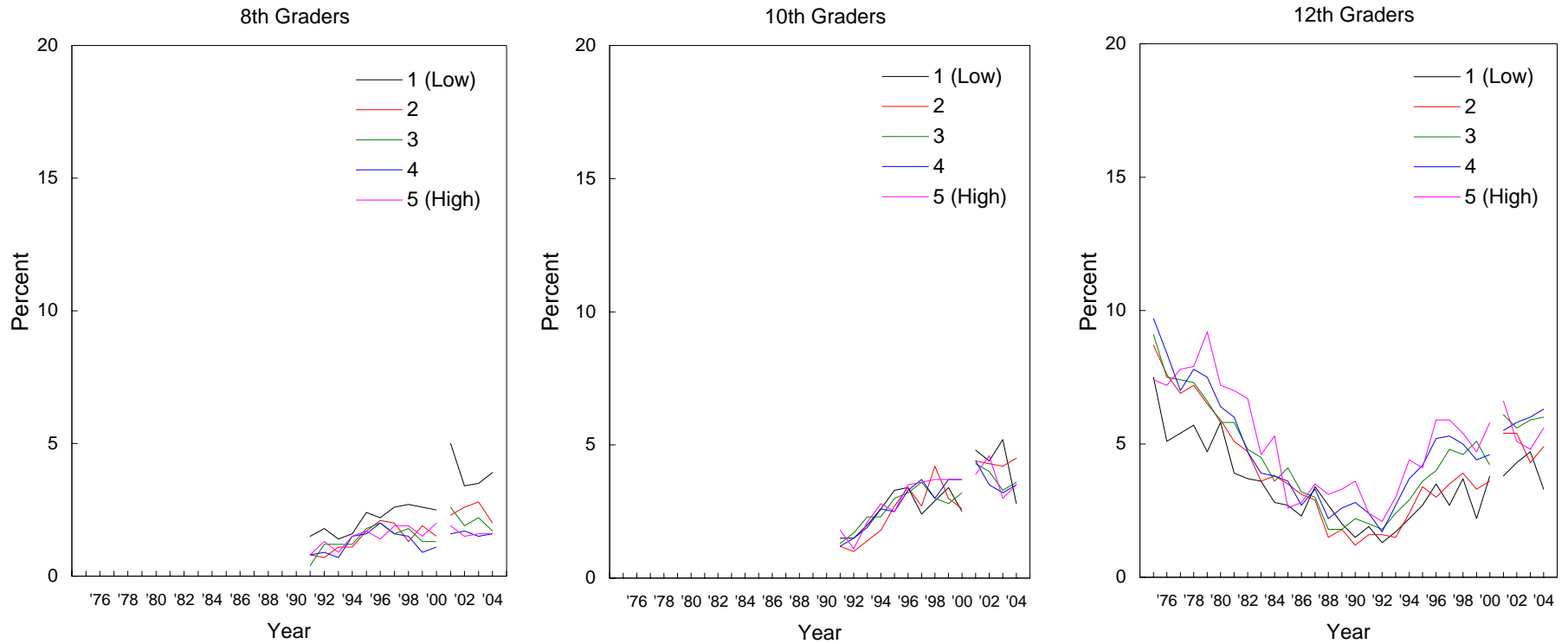
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

Other Hallucinogens:* Trends in Annual Prevalence by Population Density



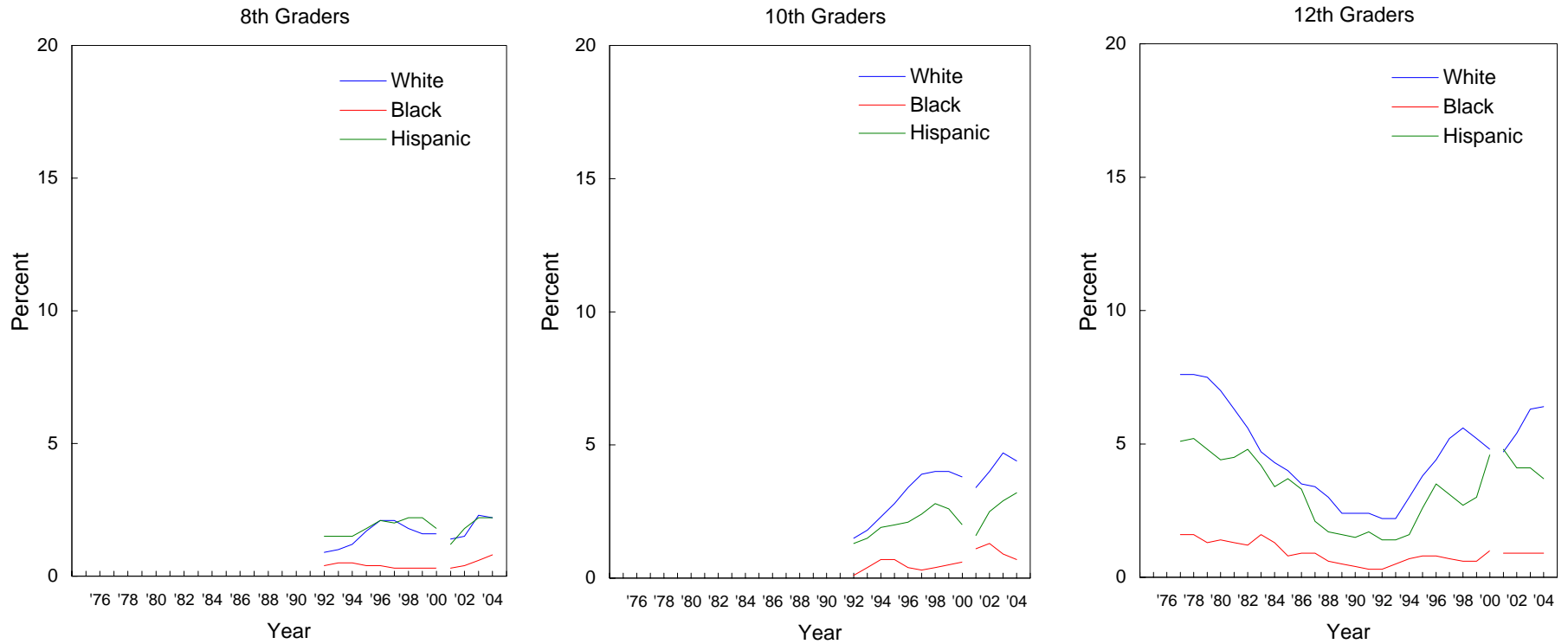
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

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.

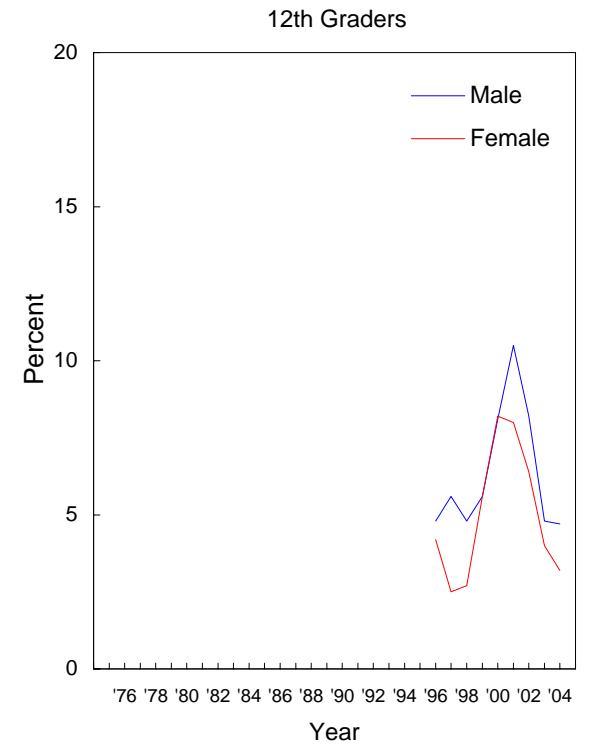
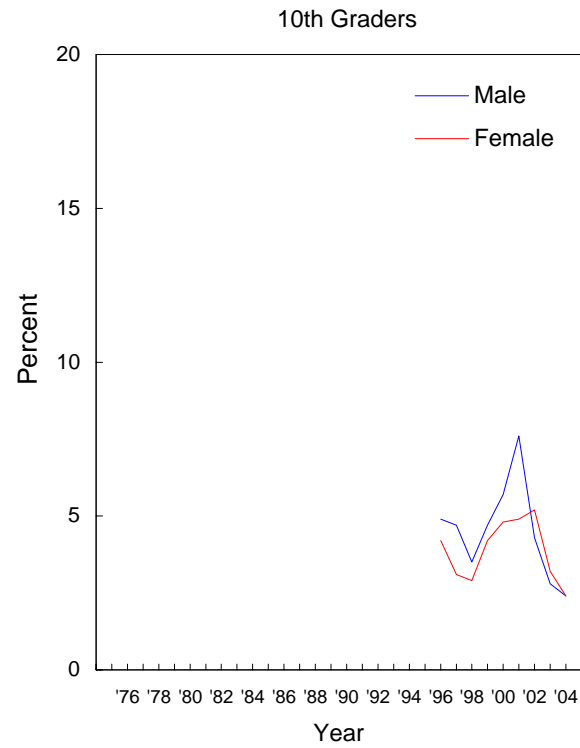
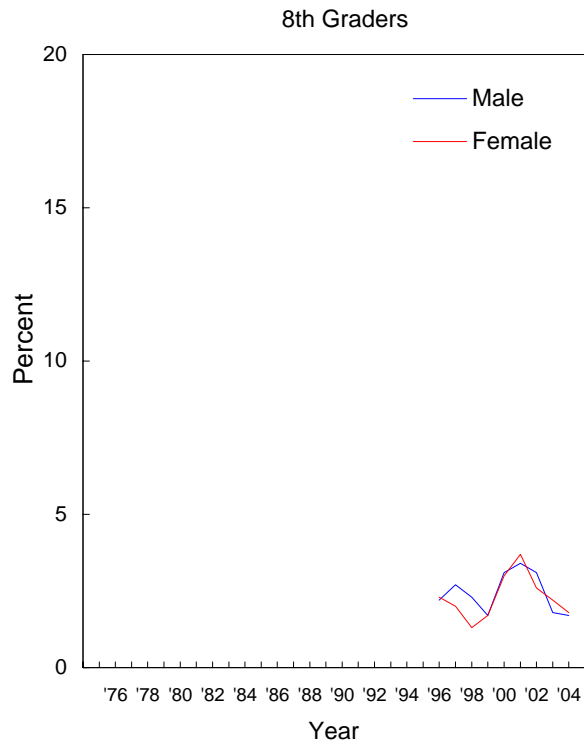
Other Hallucinogens:* Trends in Annual Prevalence by Race/Ethnicity**



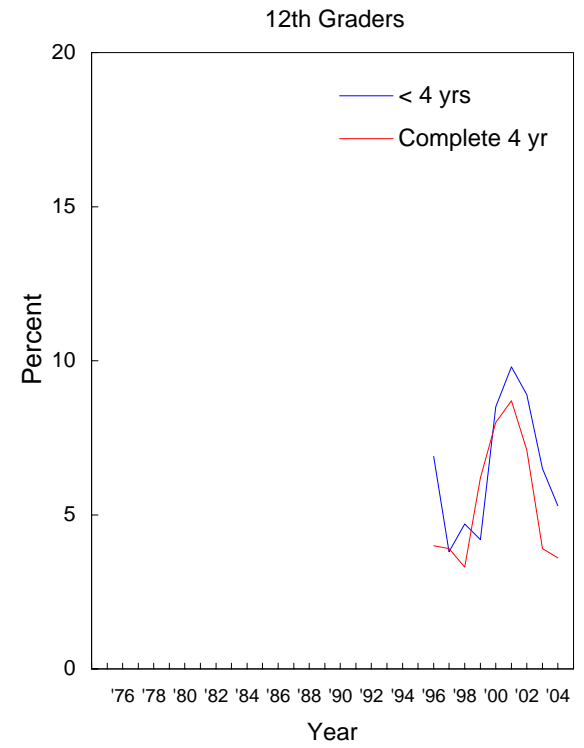
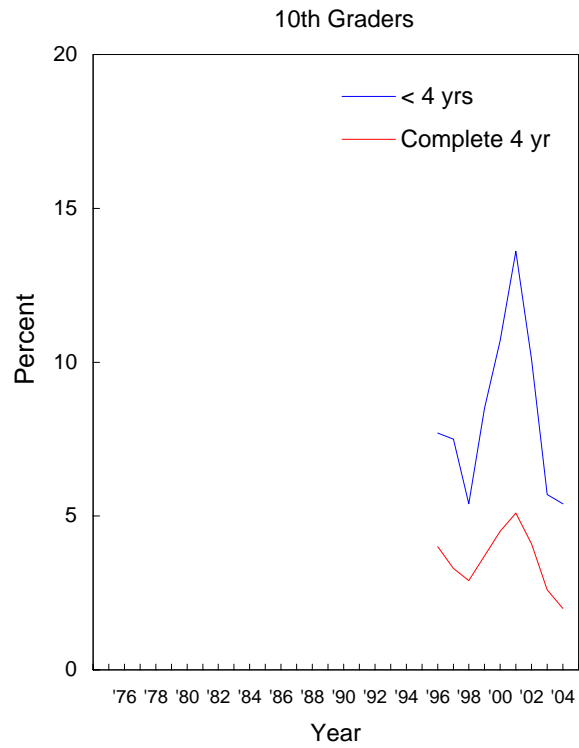
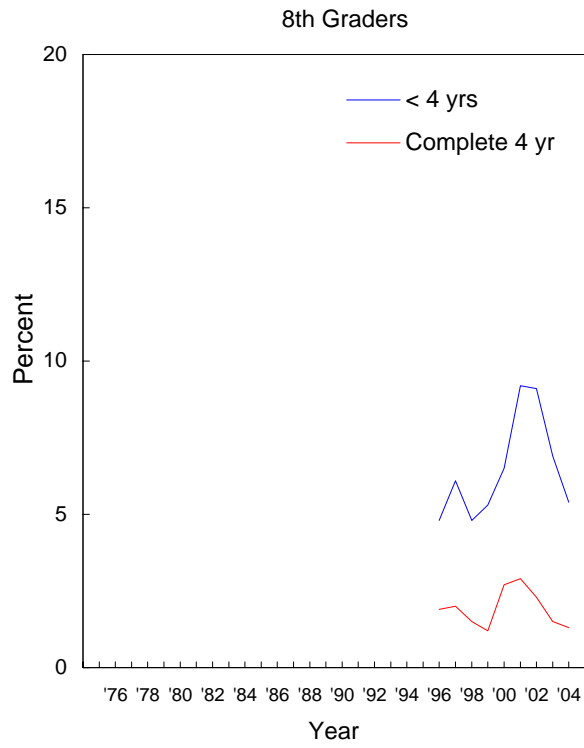
*Beginning in 2001, a revised set of questions on other hallucinogen use was introduced. Refer to corresponding tables for further details.

**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).

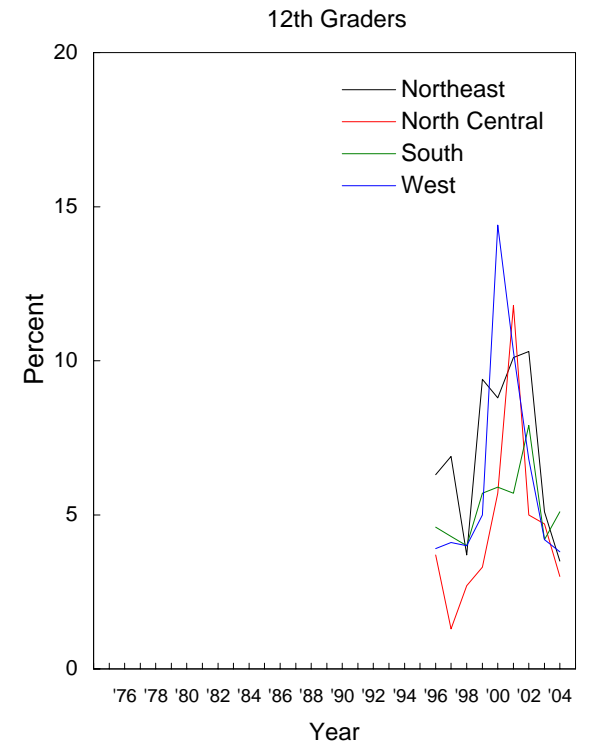
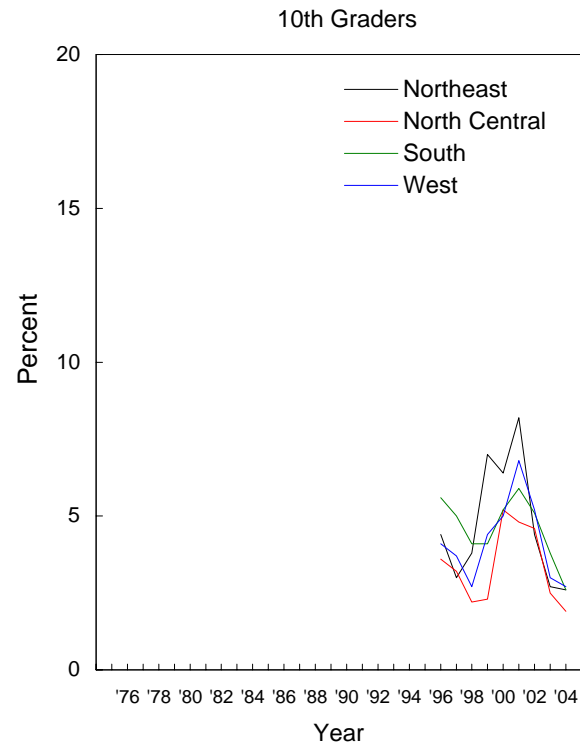
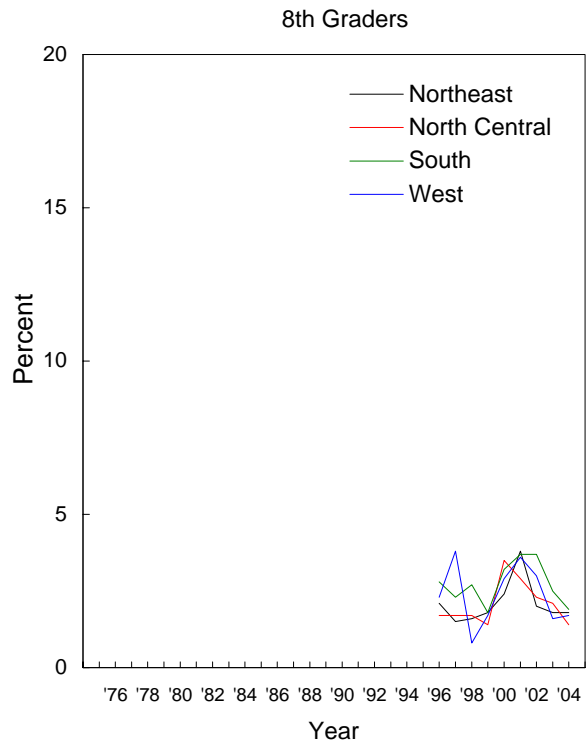
MDMA (Ecstasy): Trends in Annual Prevalence by Gender



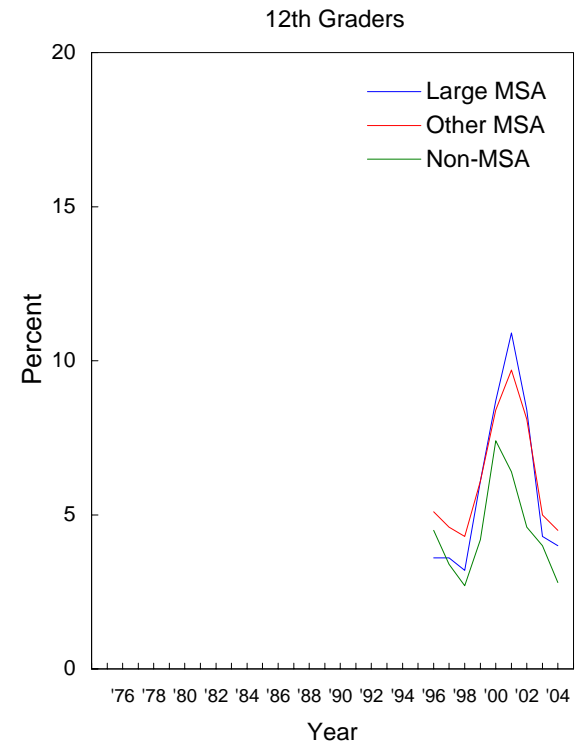
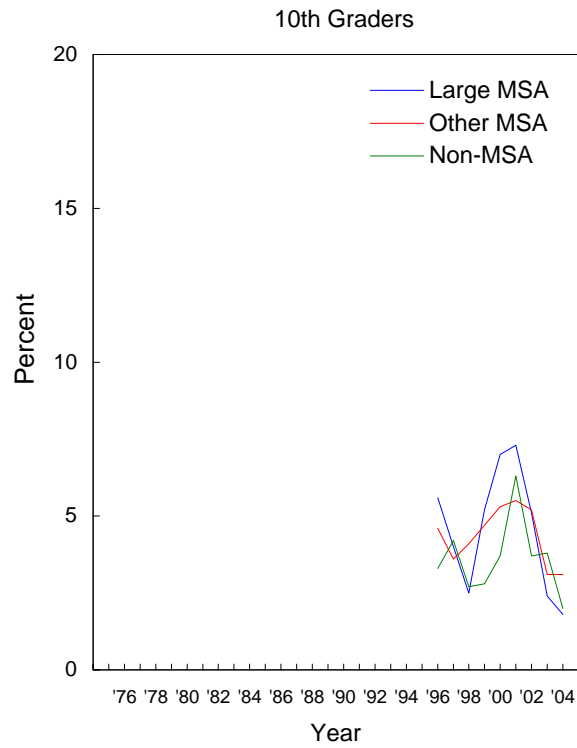
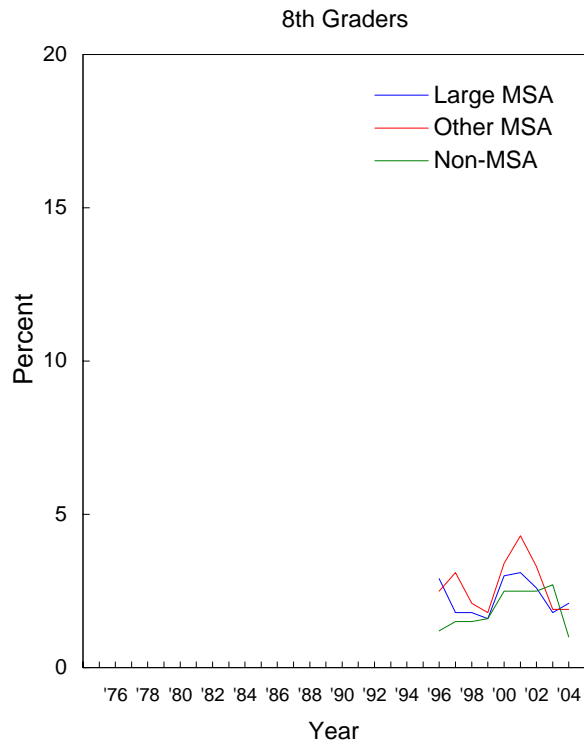
MDMA (Ecstasy): Trends in Annual Prevalence by College Plans



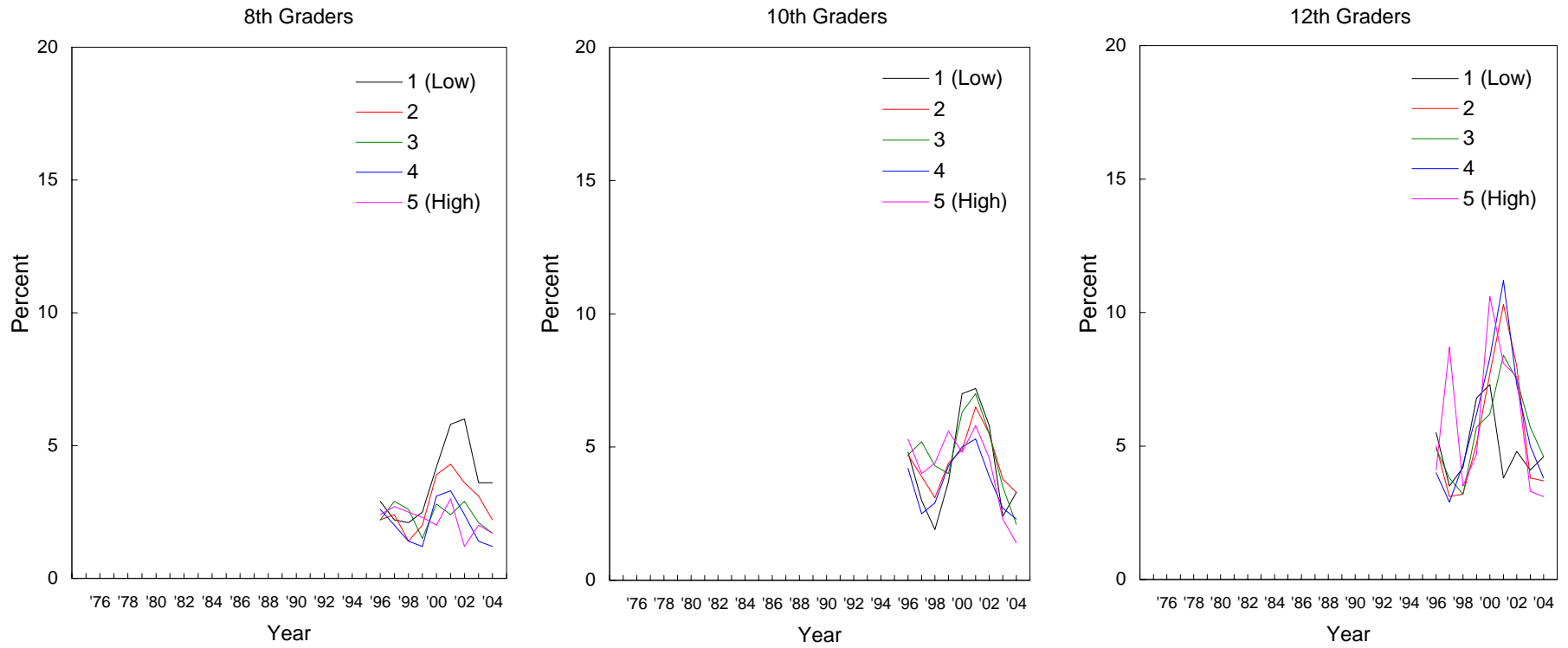
MDMA (Ecstasy): Trends in Annual Prevalence by Region



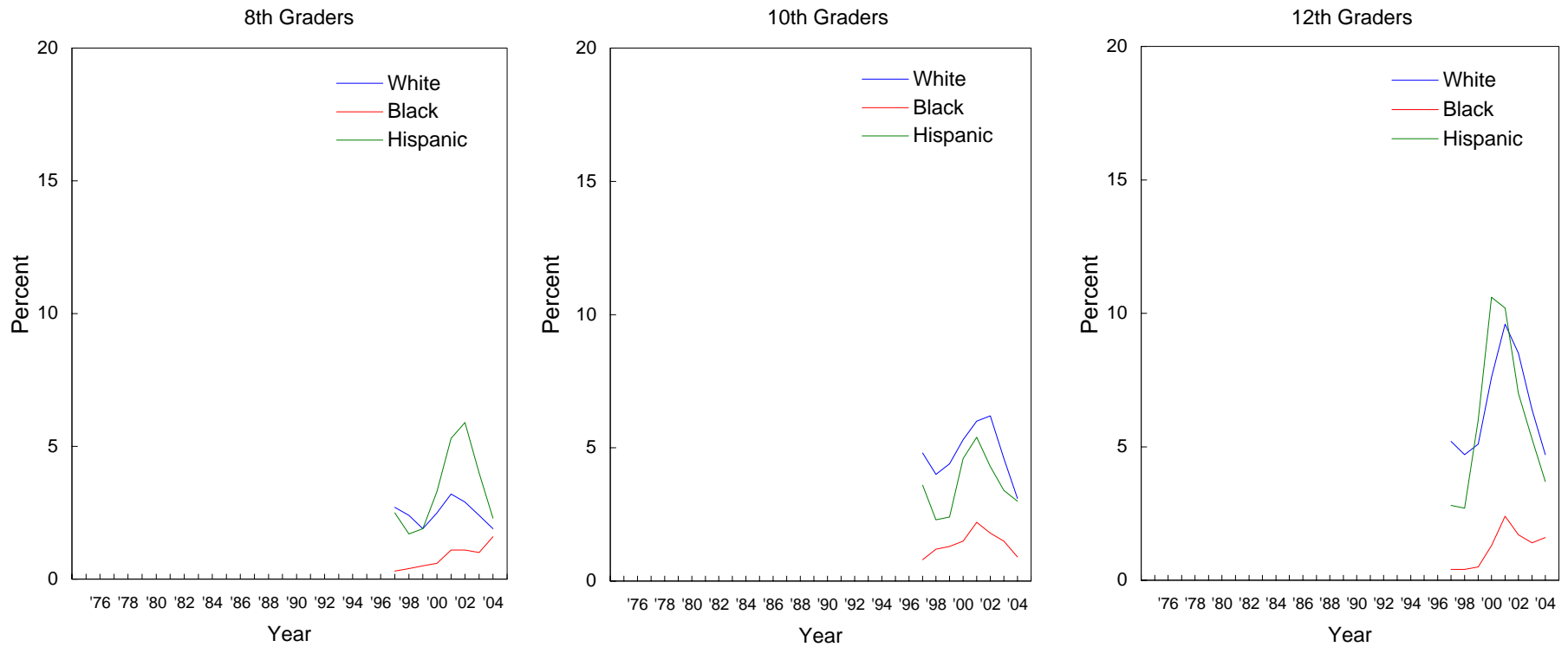
MDMA (Ecstasy): Trends in Annual Prevalence by Population Density



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

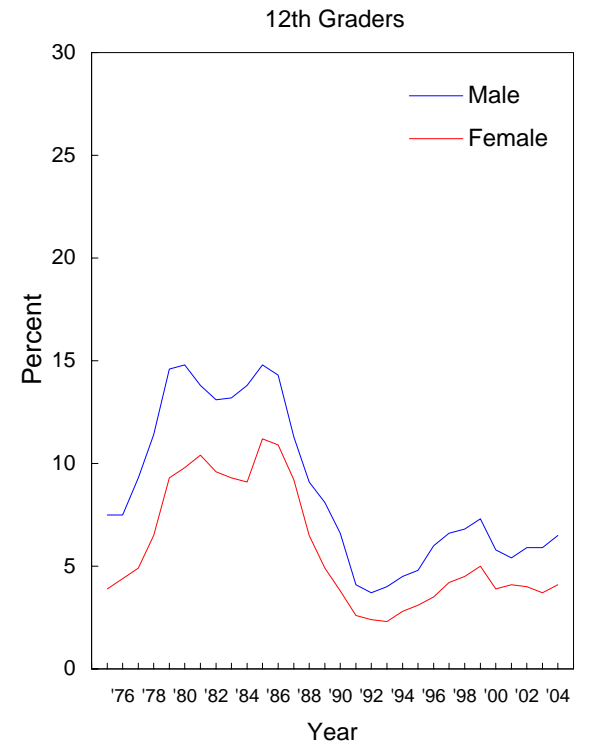
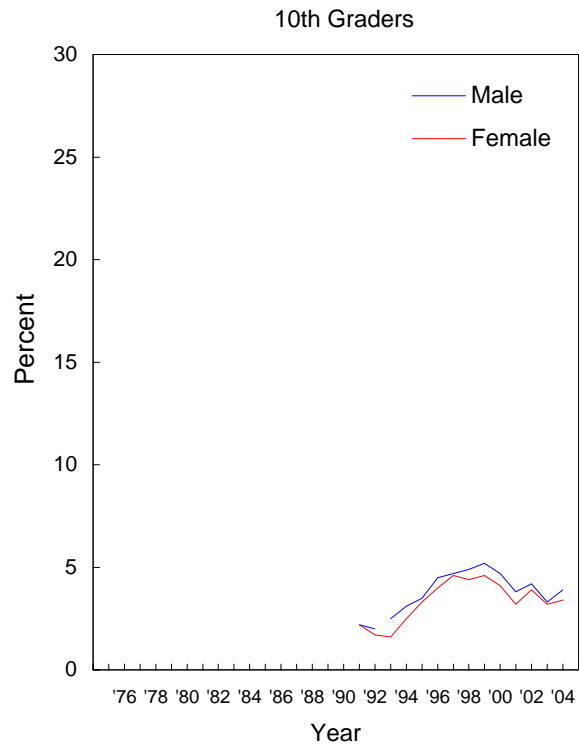
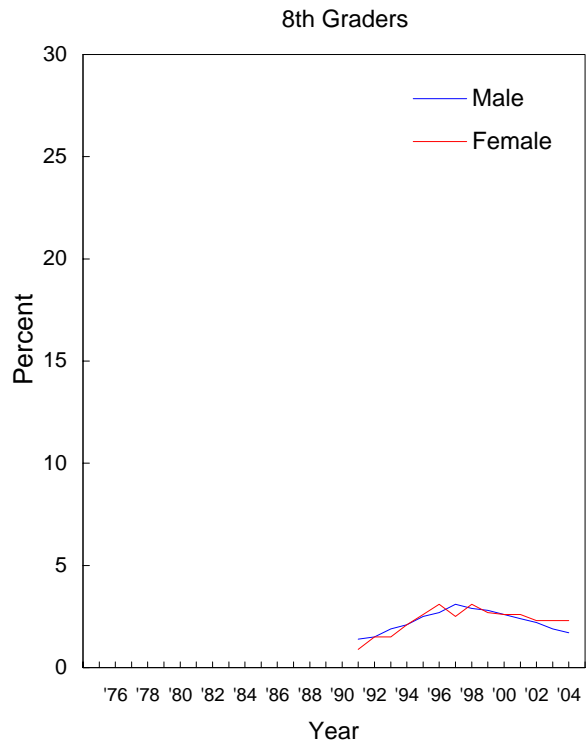


MDMA (Ecstasy): Trends in Annual Prevalence by Race/Ethnicity*

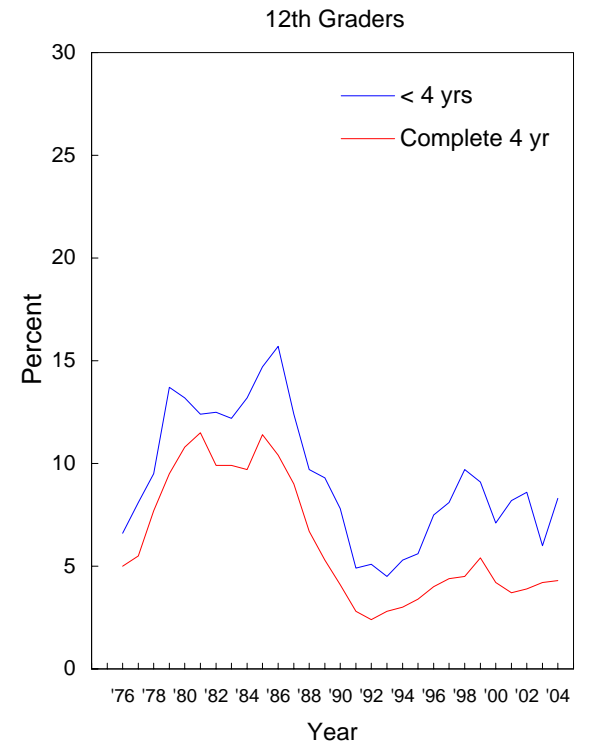
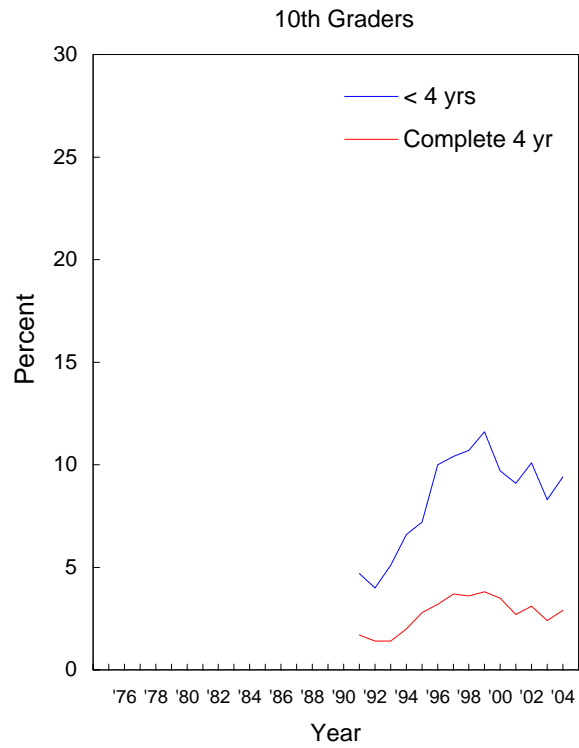
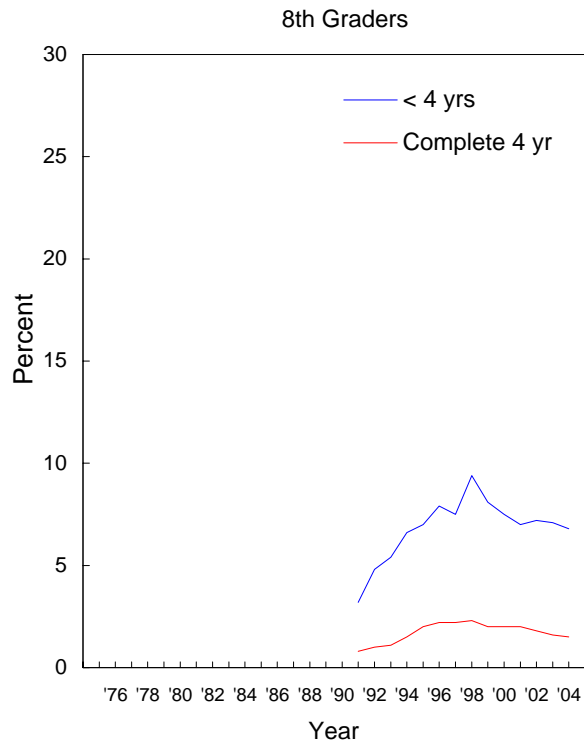


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

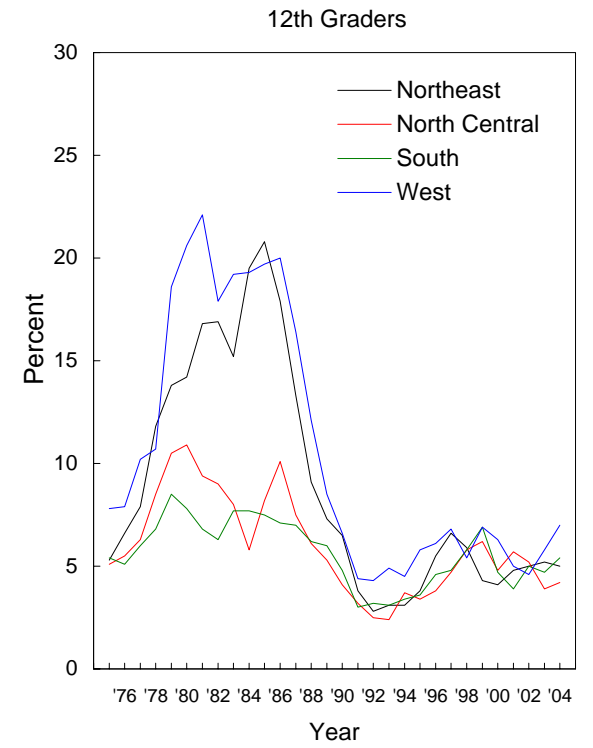
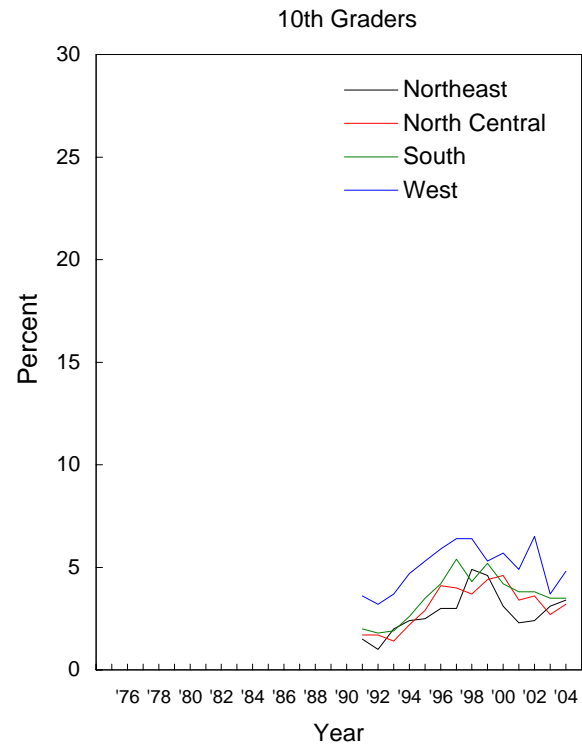
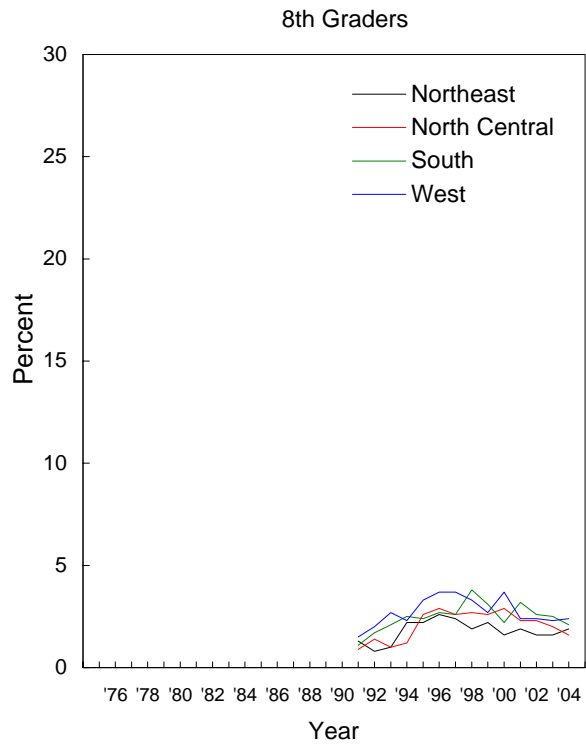
Cocaine: Trends in Annual Prevalence by Gender



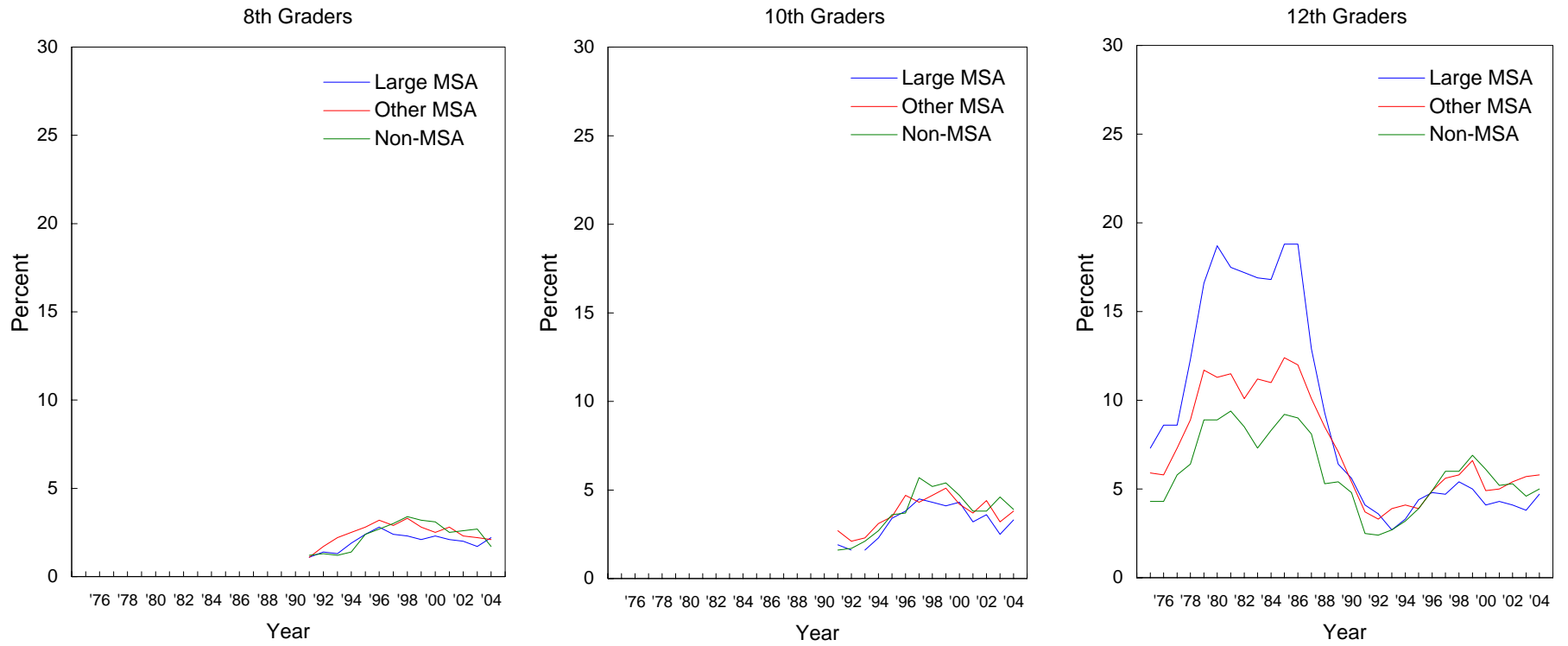
Cocaine: Trends in Annual Prevalence by College Plans



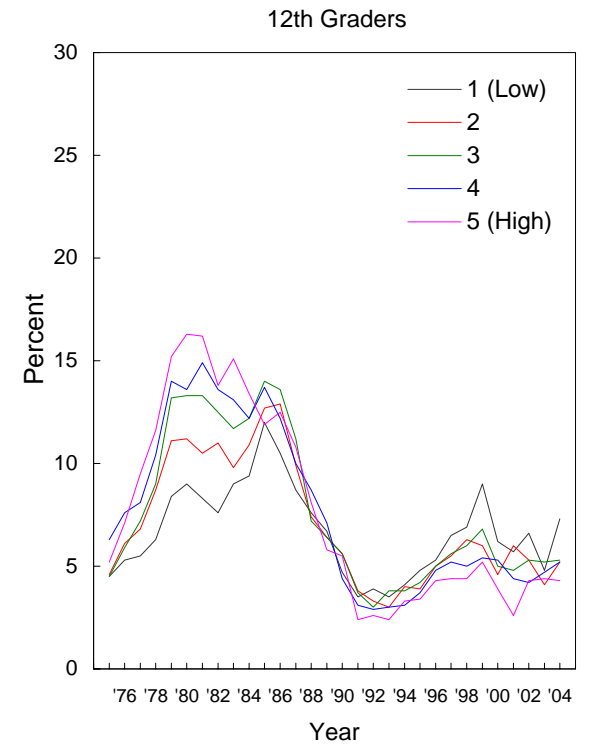
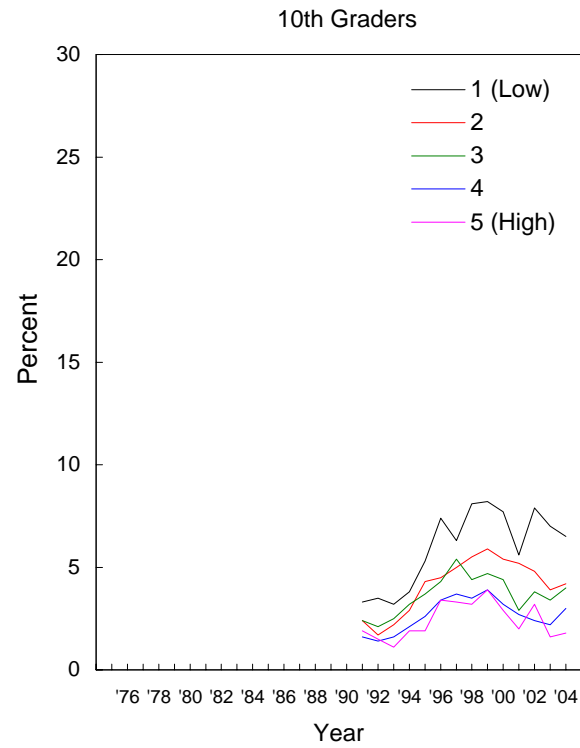
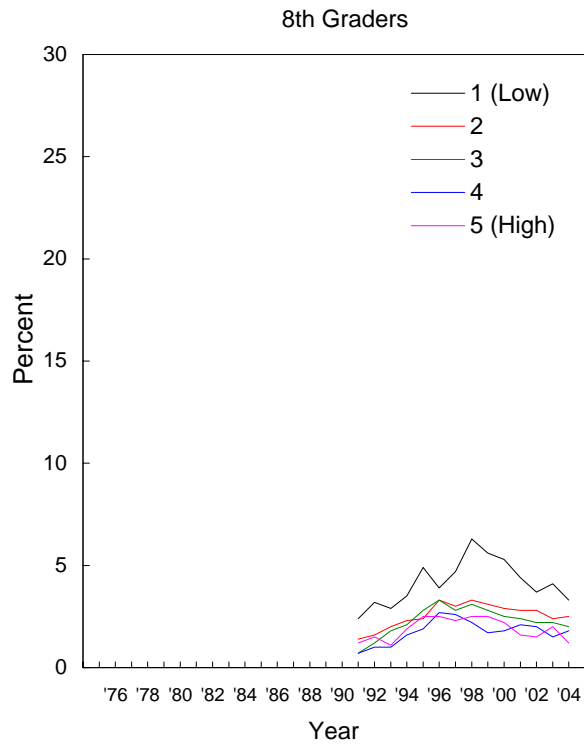
Cocaine: Trends in Annual Prevalence by Region



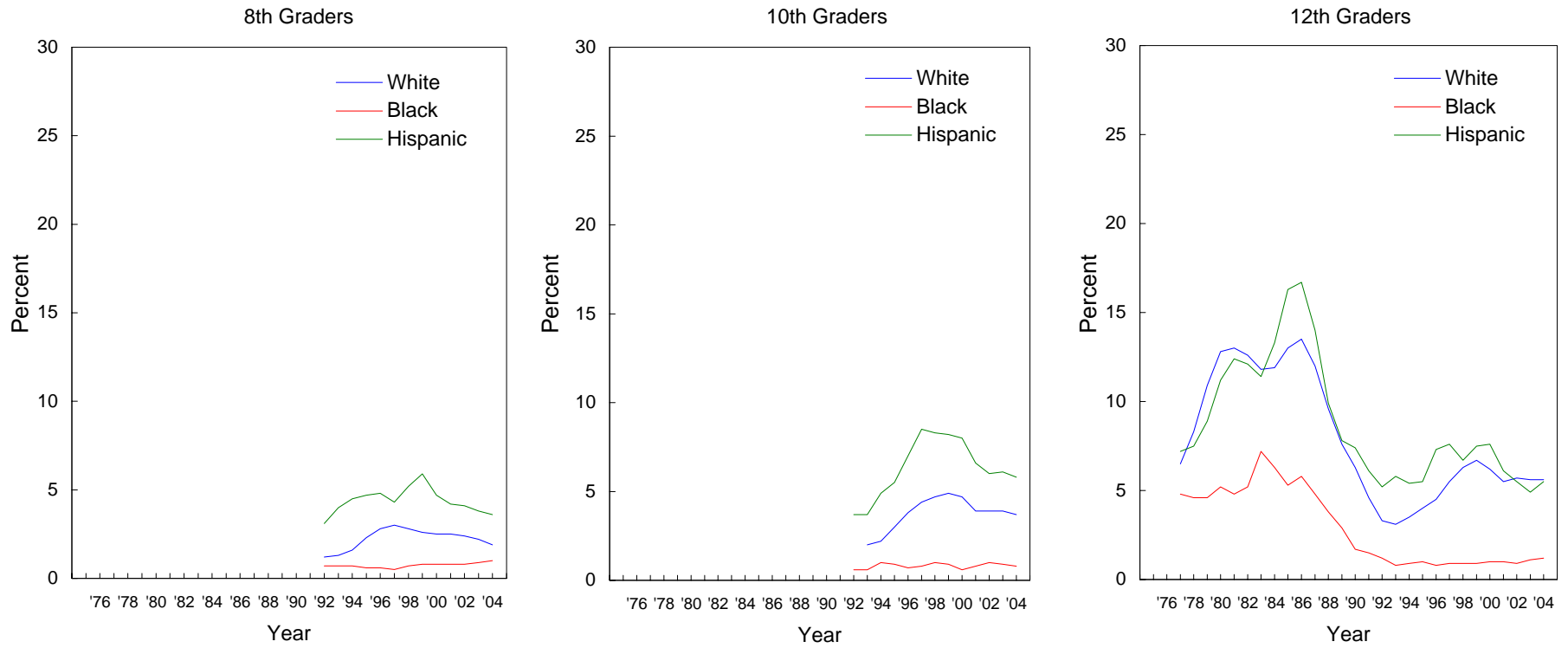
Cocaine: Trends in Annual Prevalence by Population Density



Cocaine: Trends in Annual Prevalence by Parents' Average Education

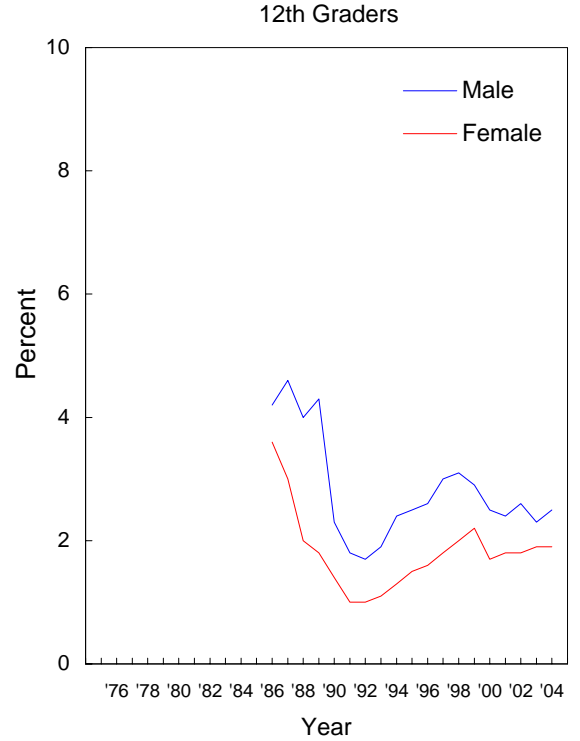
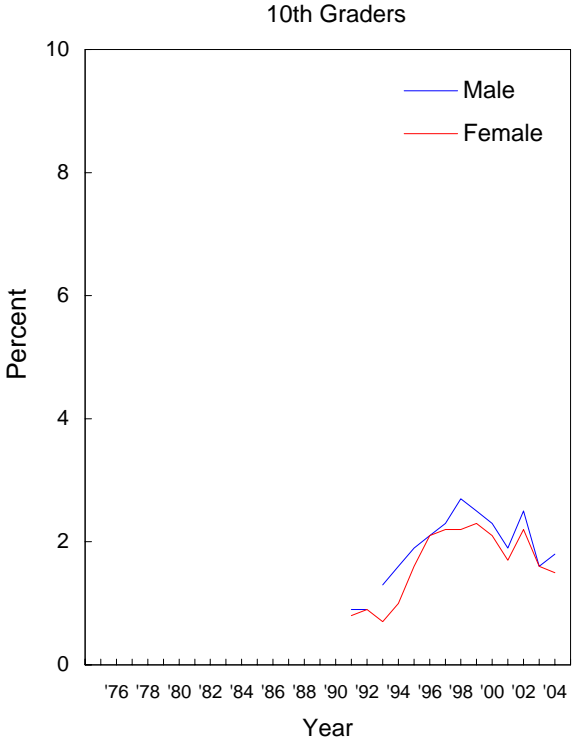
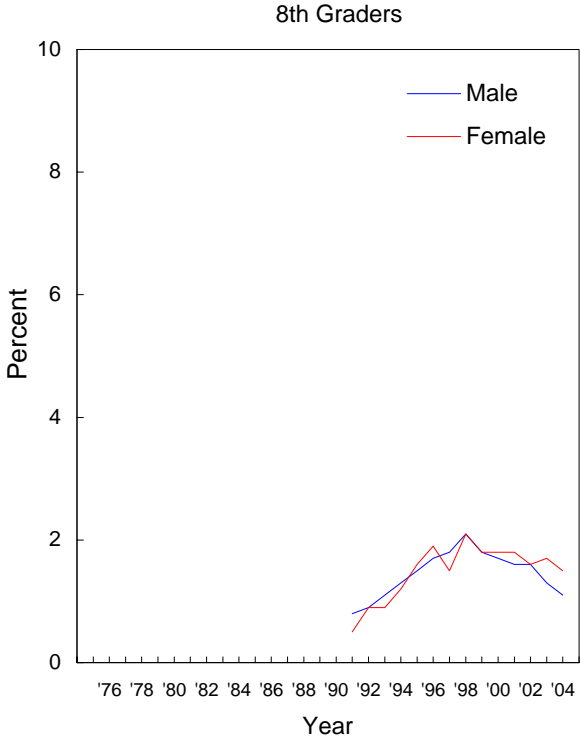


Cocaine: Trends in Annual Prevalence by Race/Ethnicity*

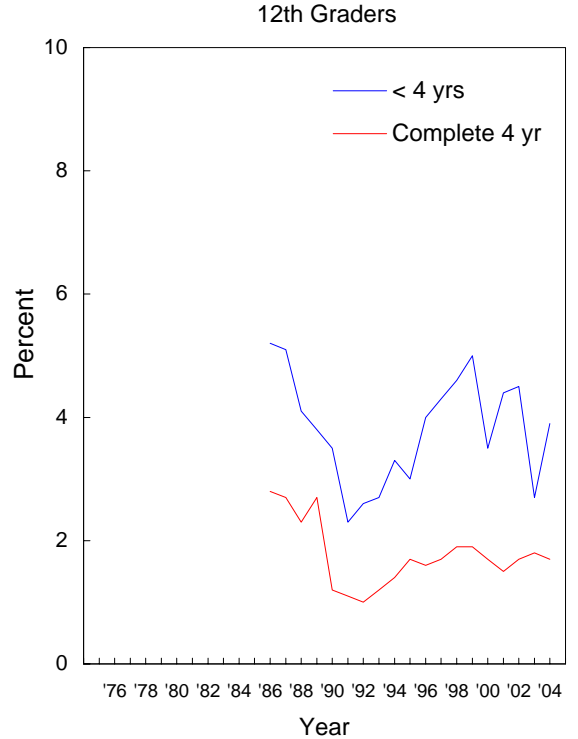
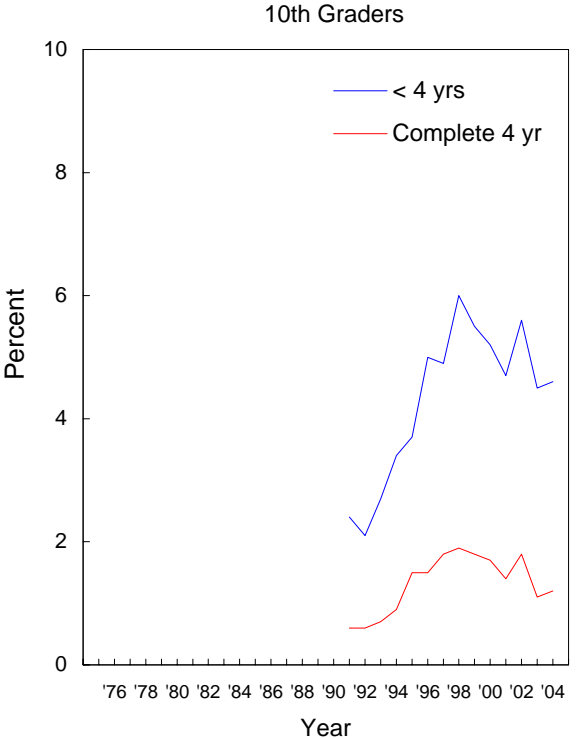
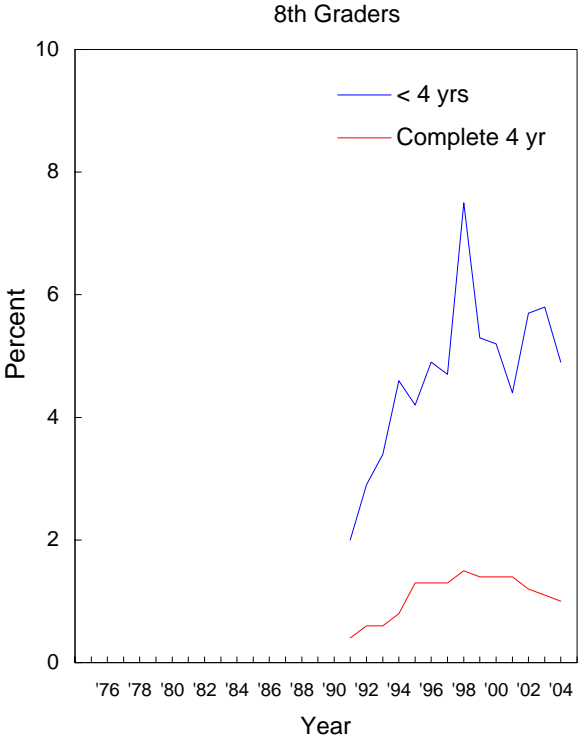


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

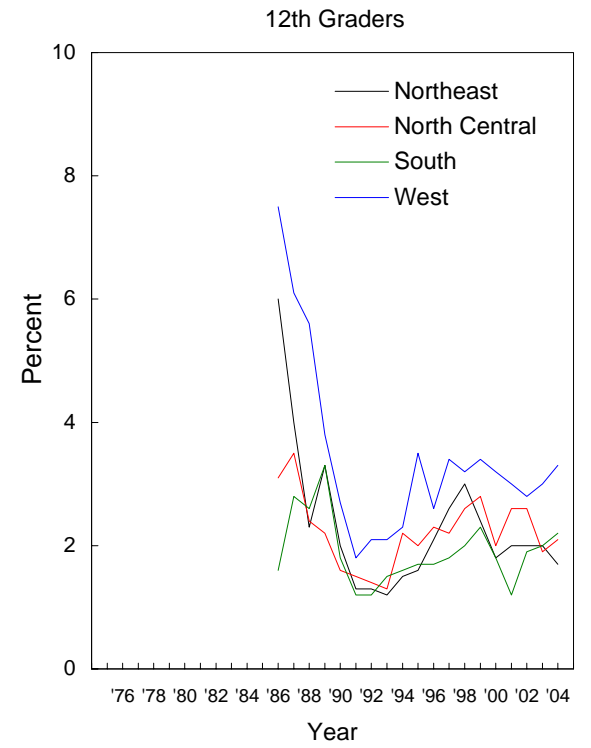
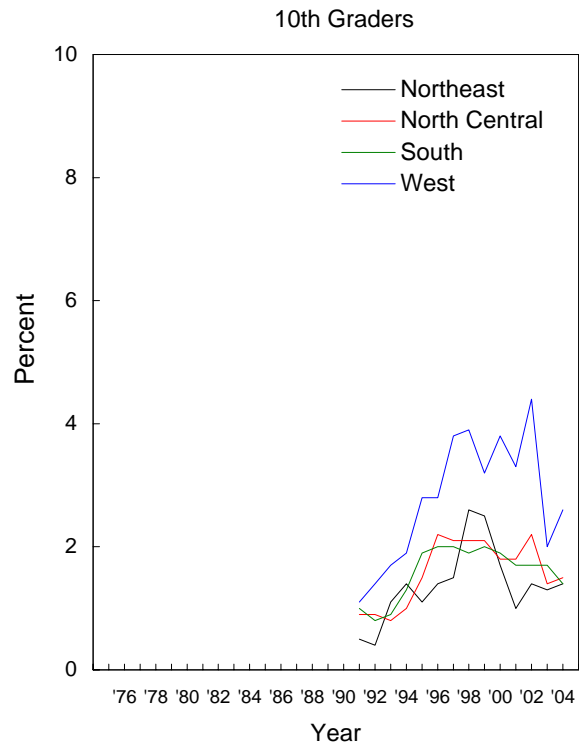
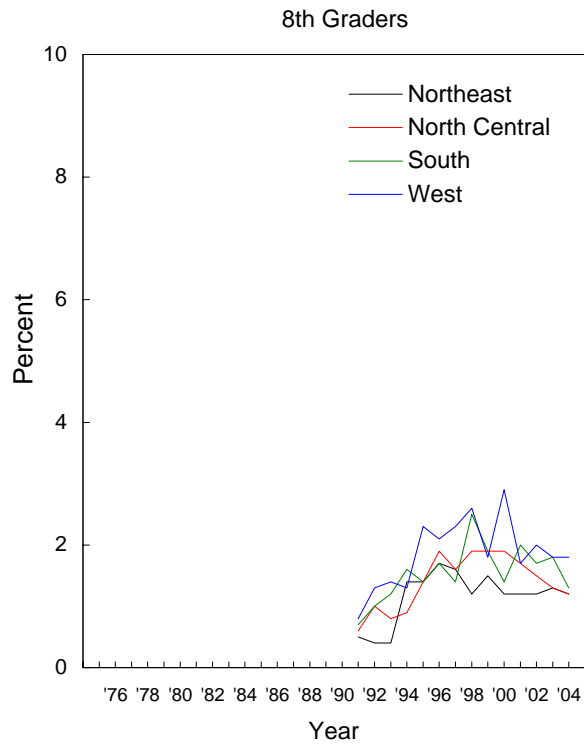
Crack: Trends in Annual Prevalence by Gender



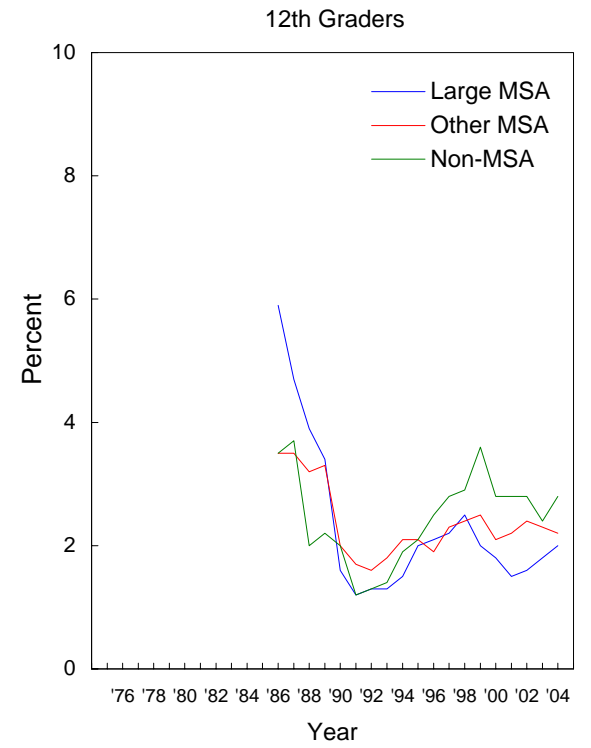
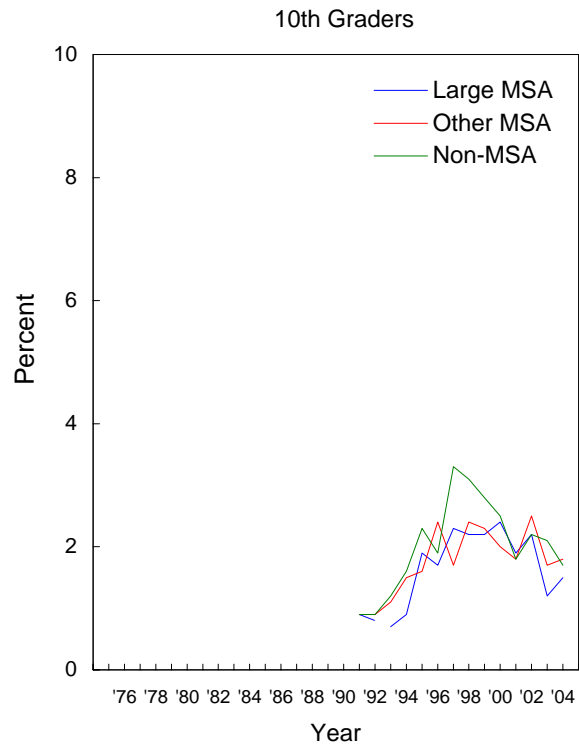
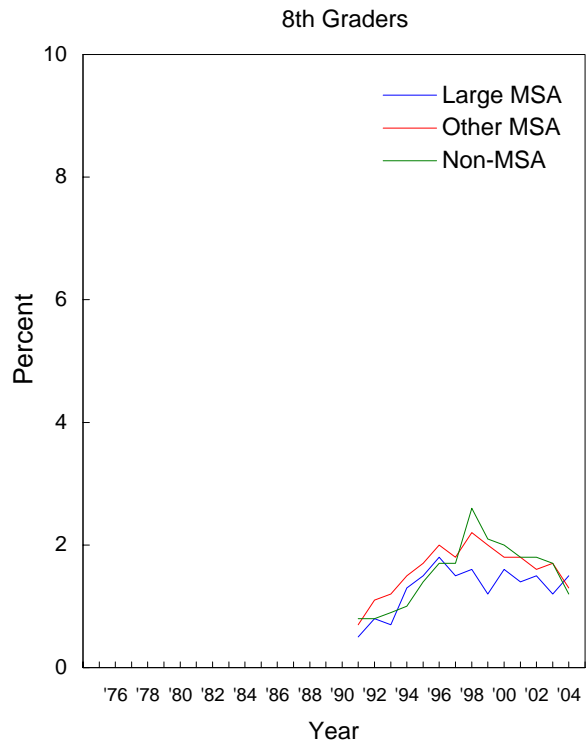
Crack: Trends in Annual Prevalence by College Plans



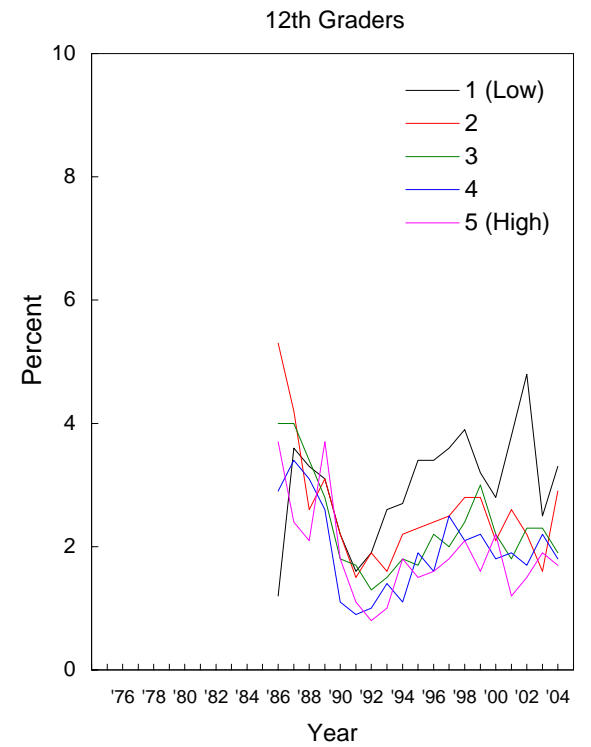
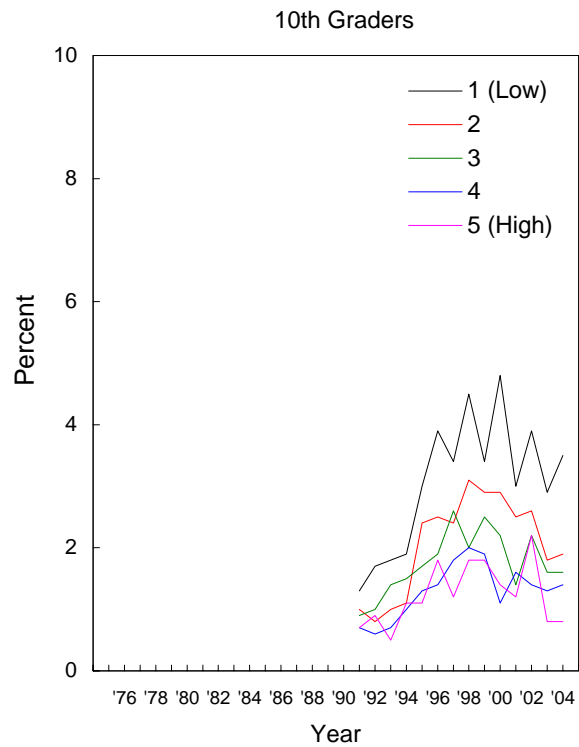
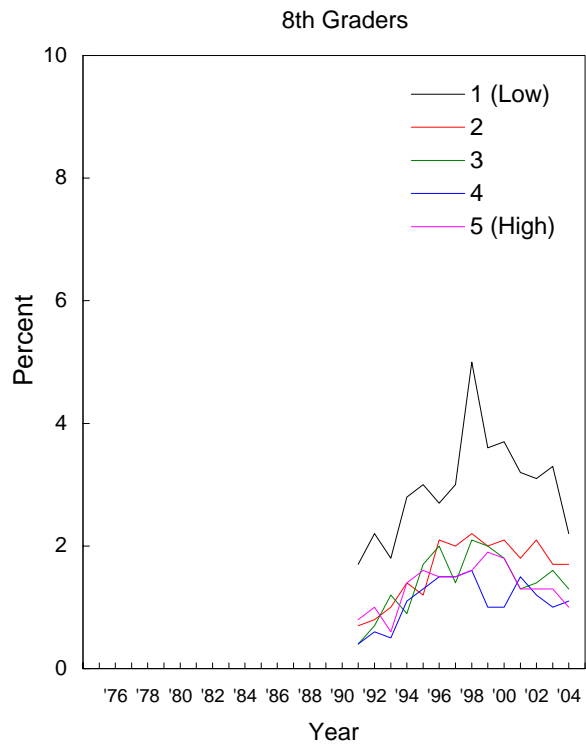
Crack: Trends in Annual Prevalence by Region



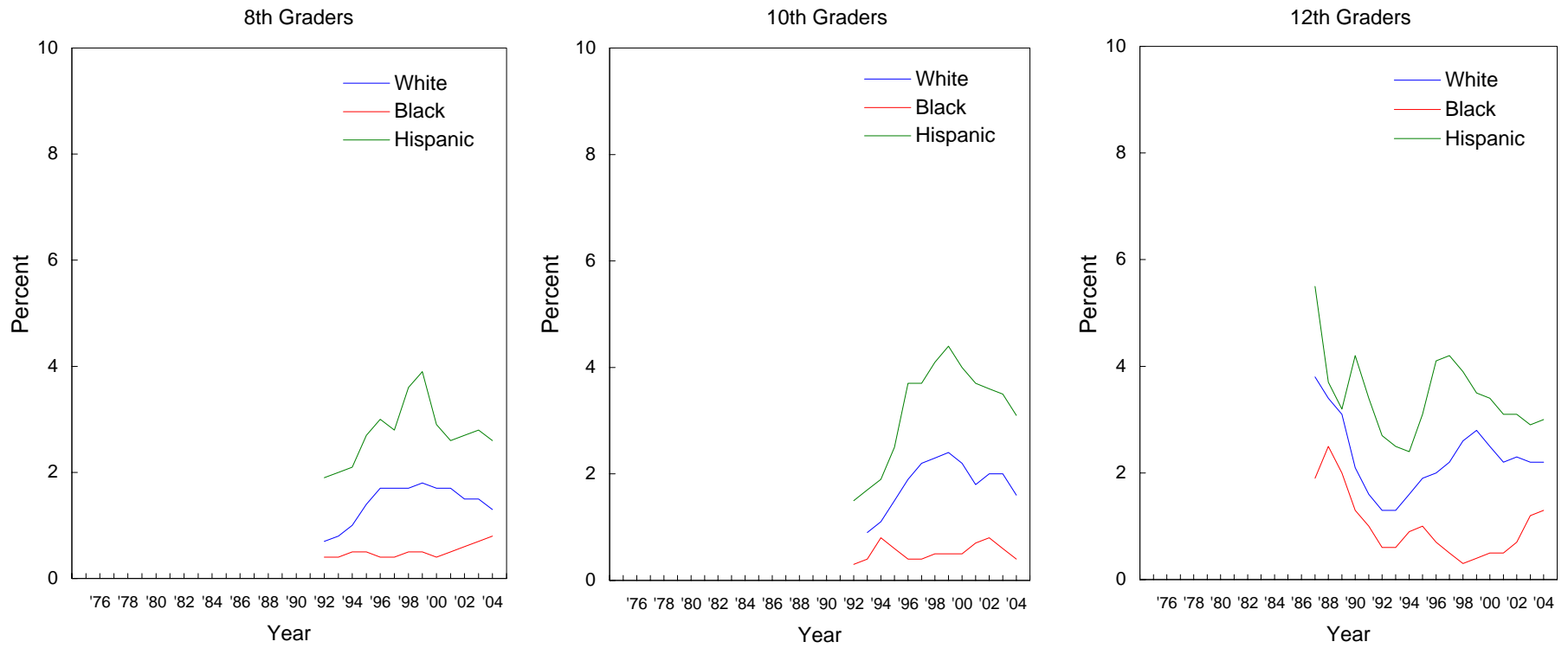
Crack: Trends in Annual Prevalence by Population Density



Crack: Trends in Annual Prevalence by Parents' Average Education

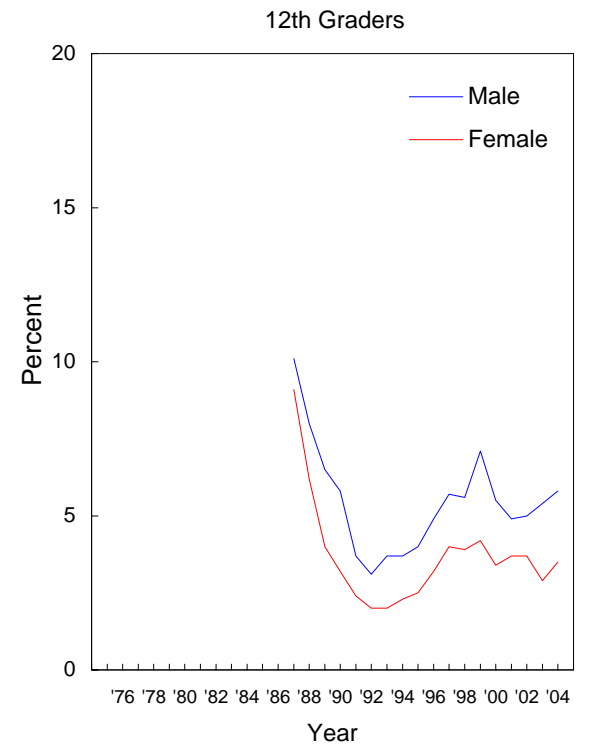
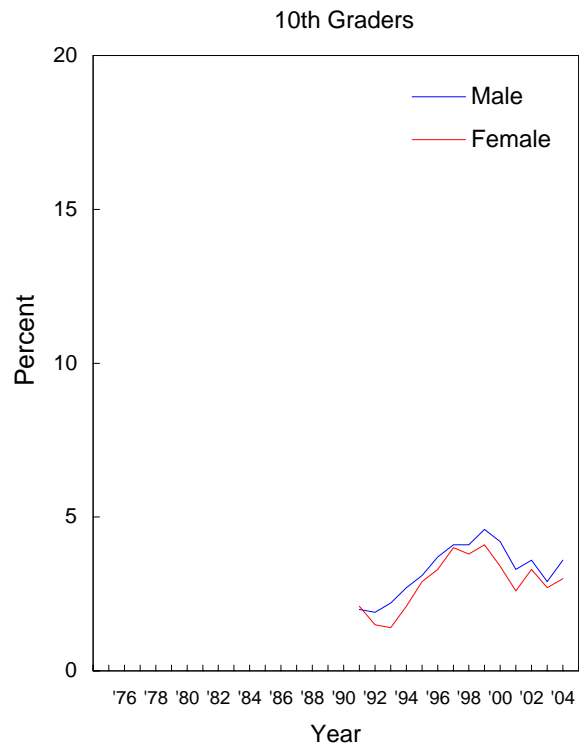
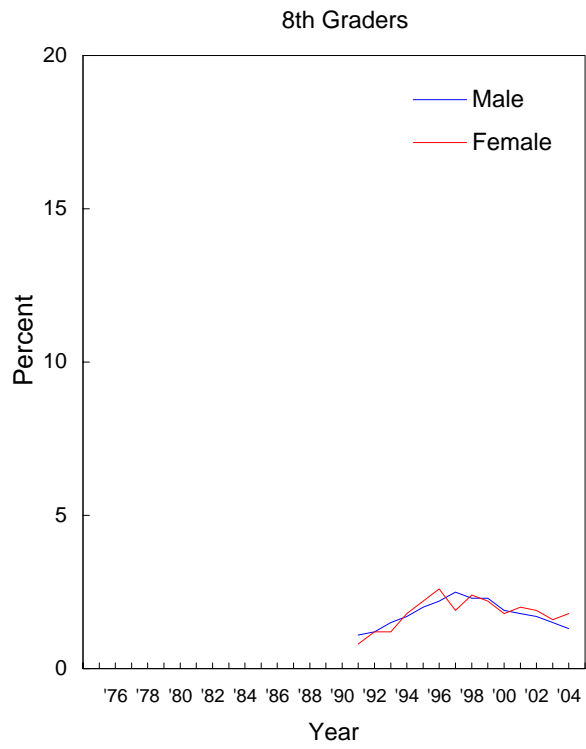


Crack: Trends in Annual Prevalence by Race/Ethnicity*

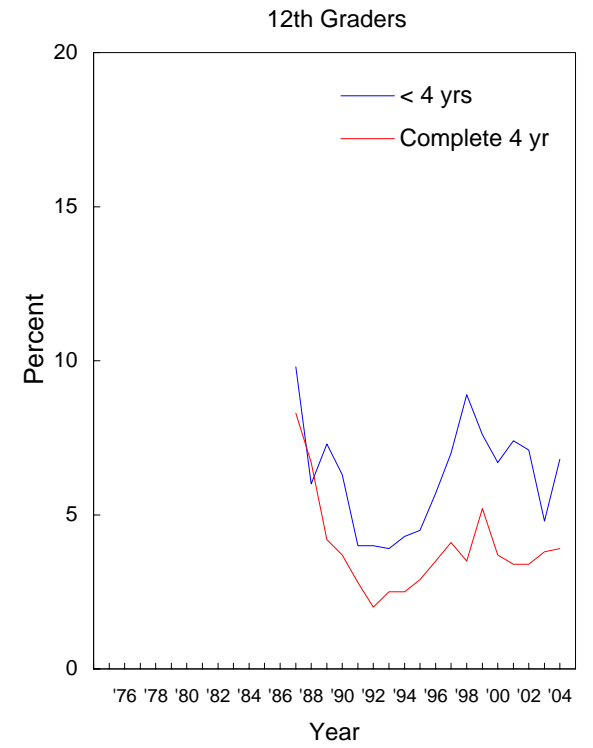
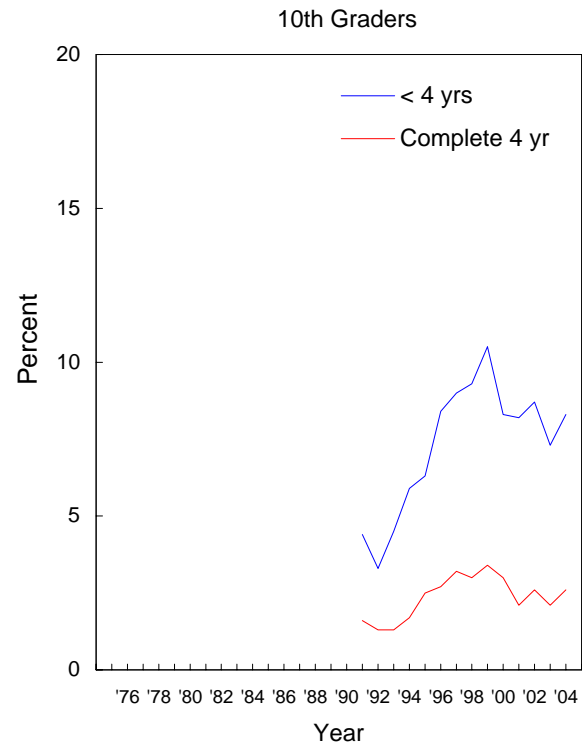
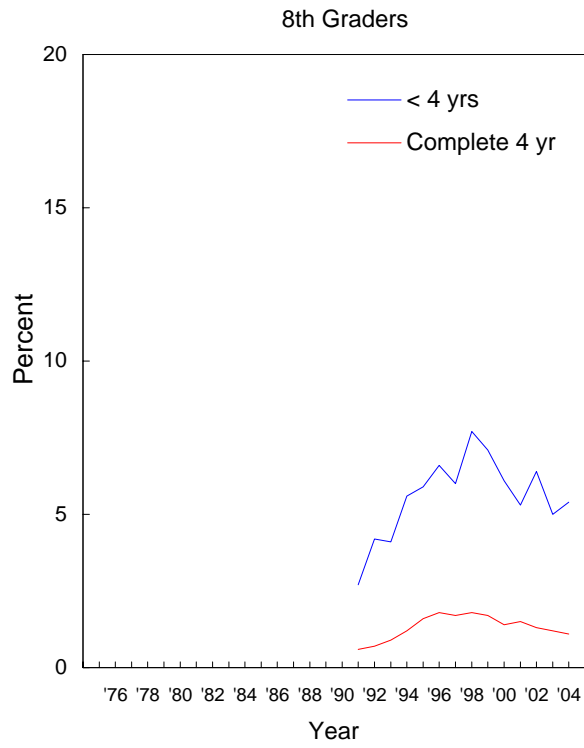


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

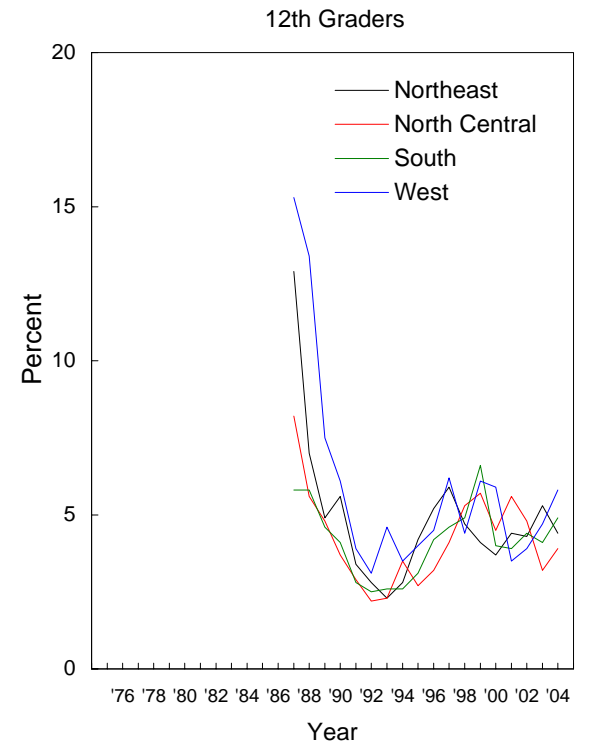
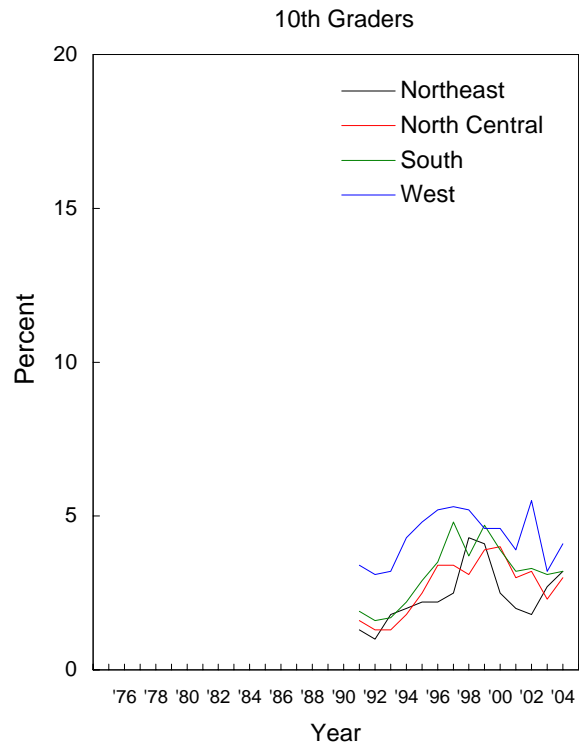
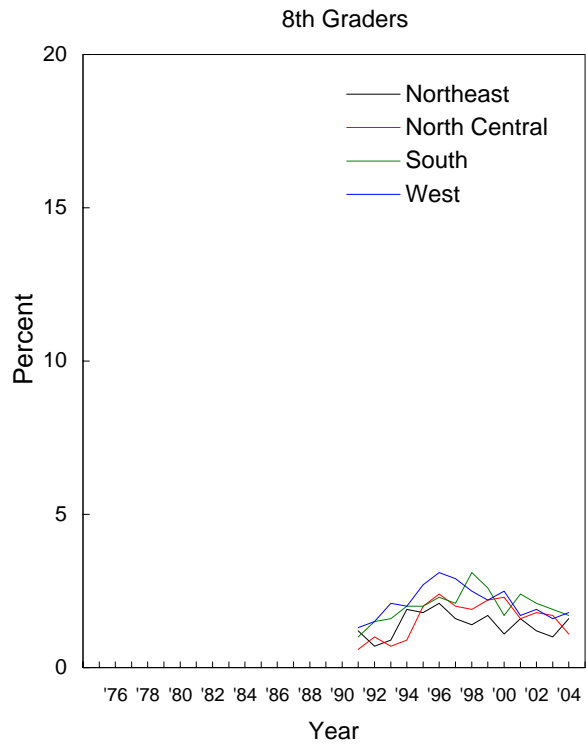
Other Cocaine: Trends in Annual Prevalence by Gender



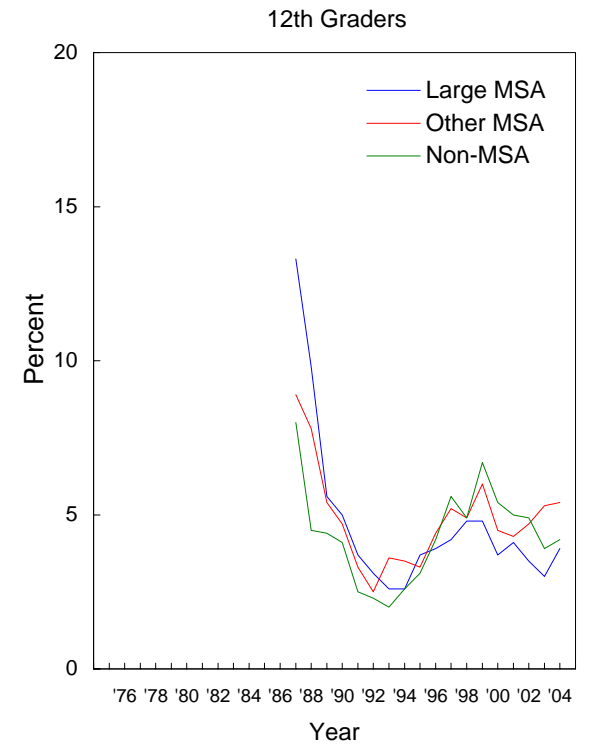
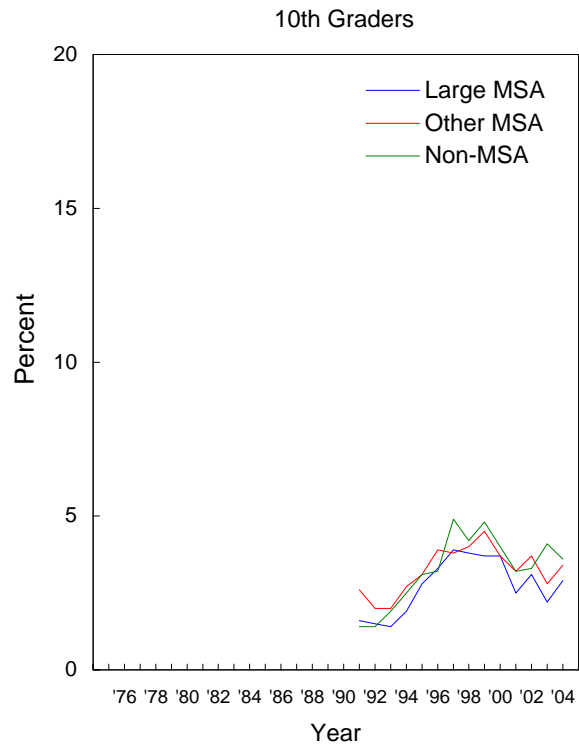
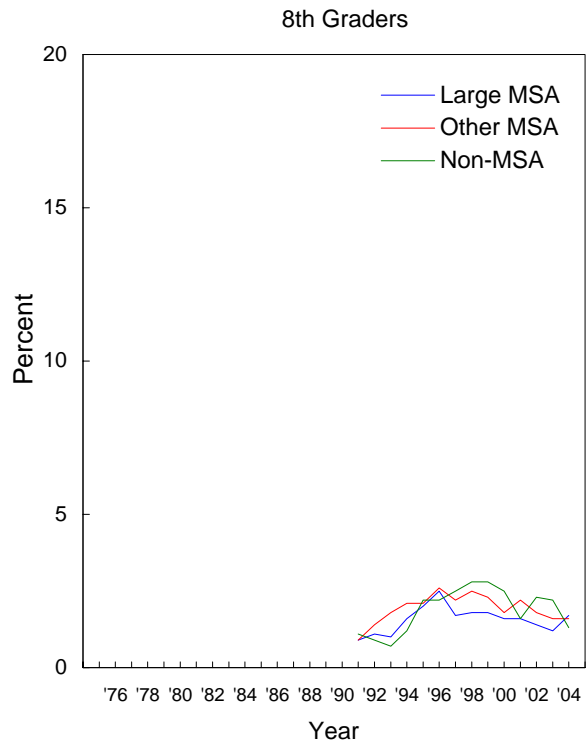
Other Cocaine: Trends in Annual Prevalence by College Plans



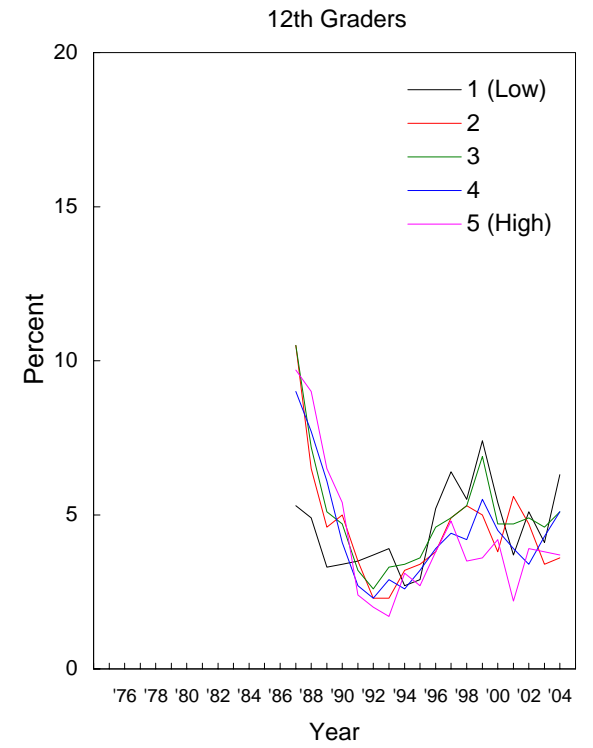
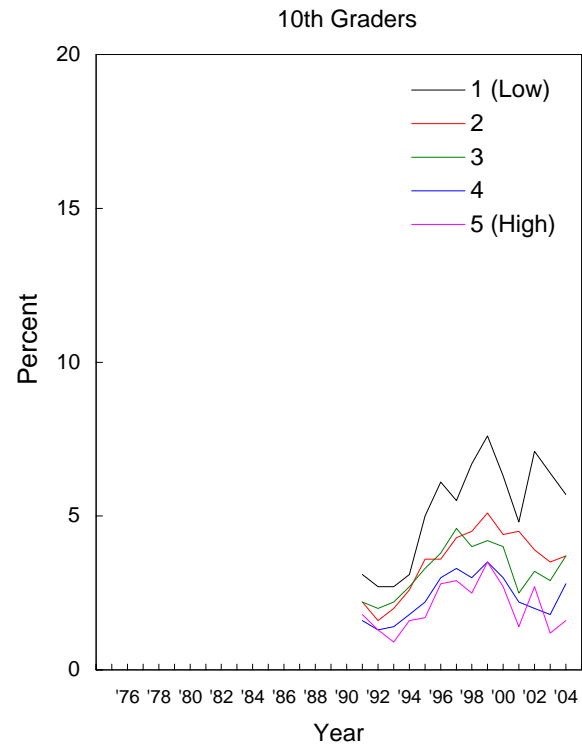
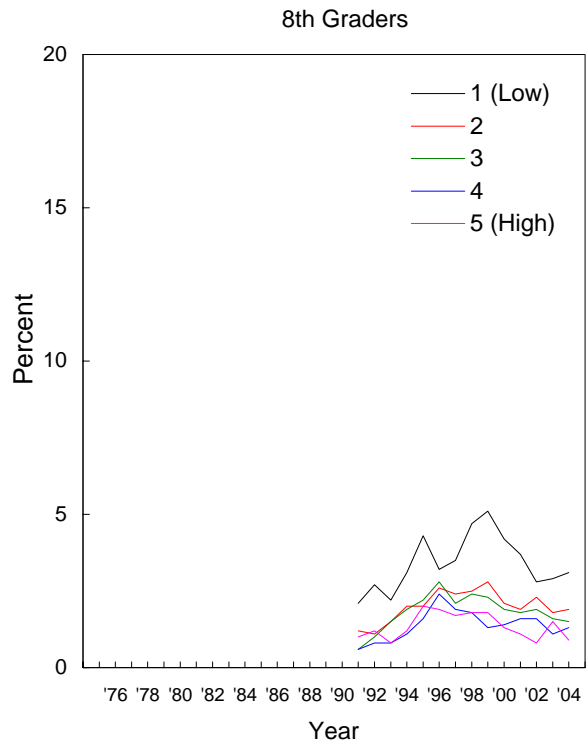
Other Cocaine: Trends in Annual Prevalence by Region



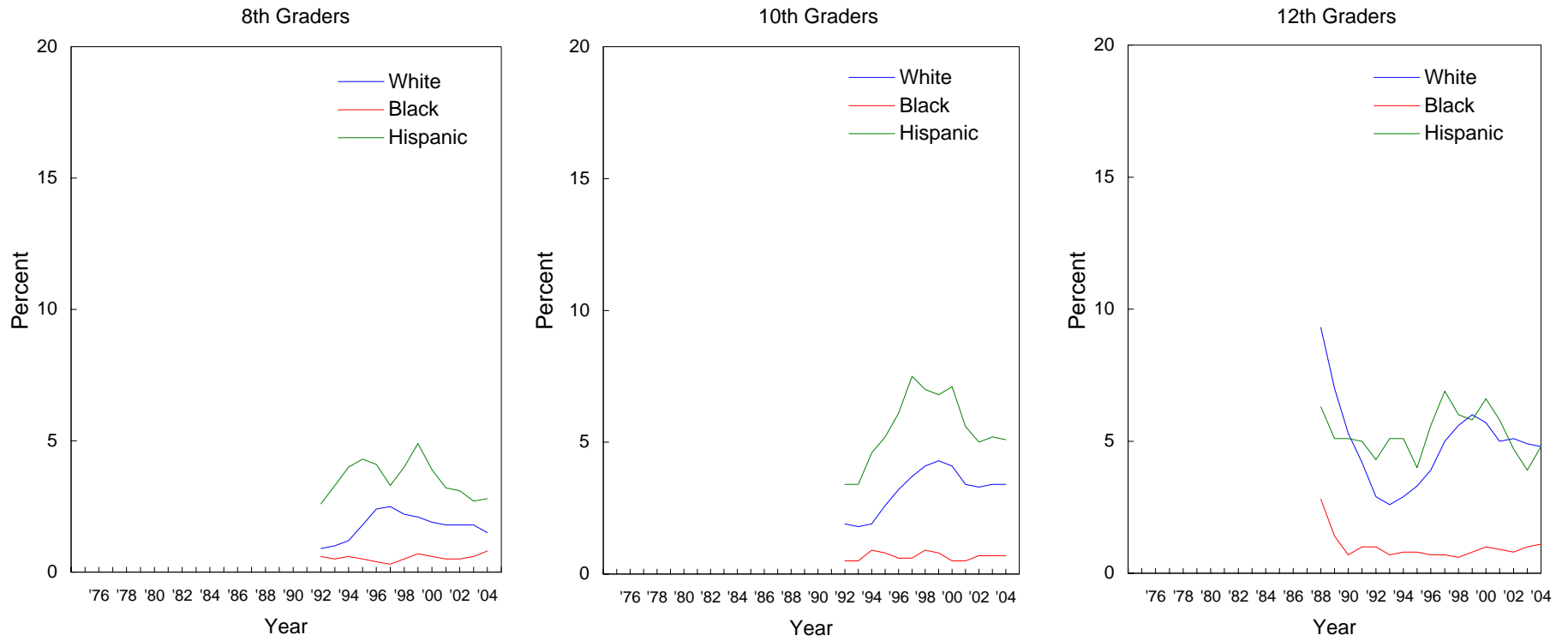
Other Cocaine: Trends in Annual Prevalence by Population Density



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

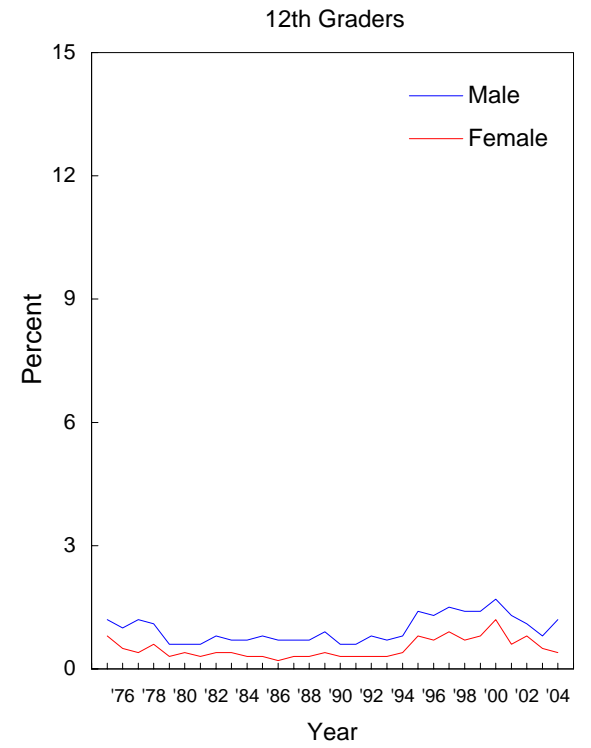
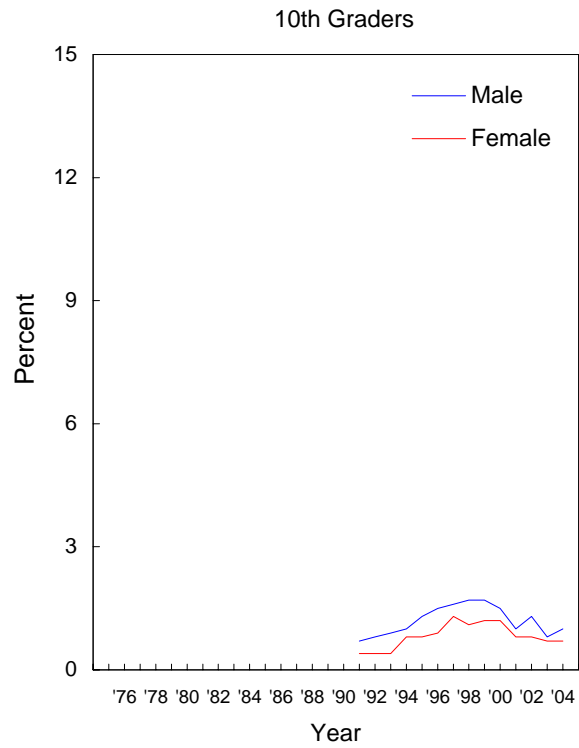
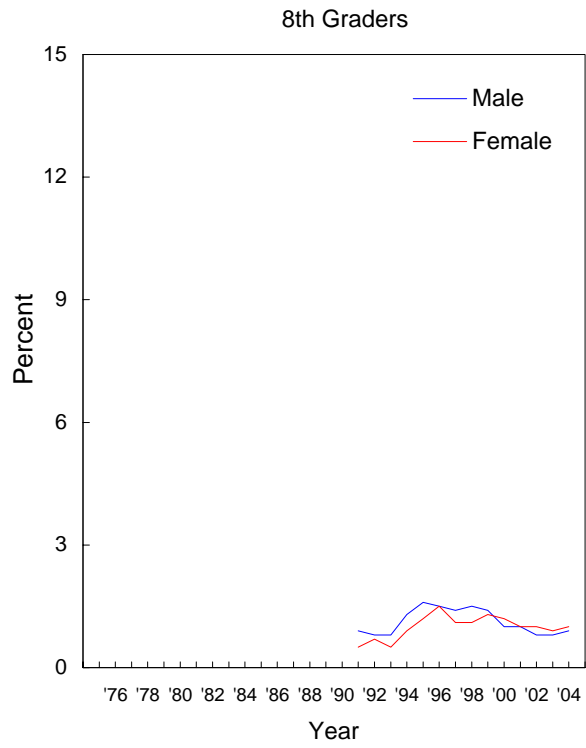


Other Cocaine: Trends in Annual Prevalence by Race/Ethnicity*

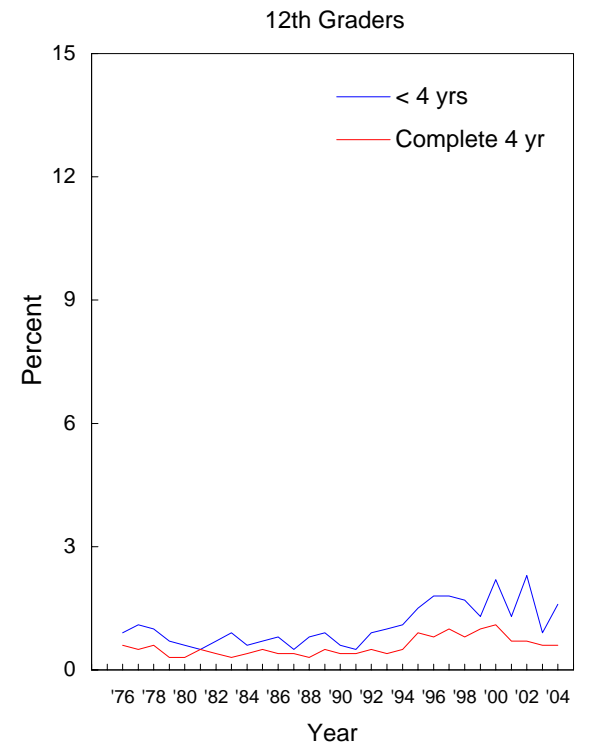
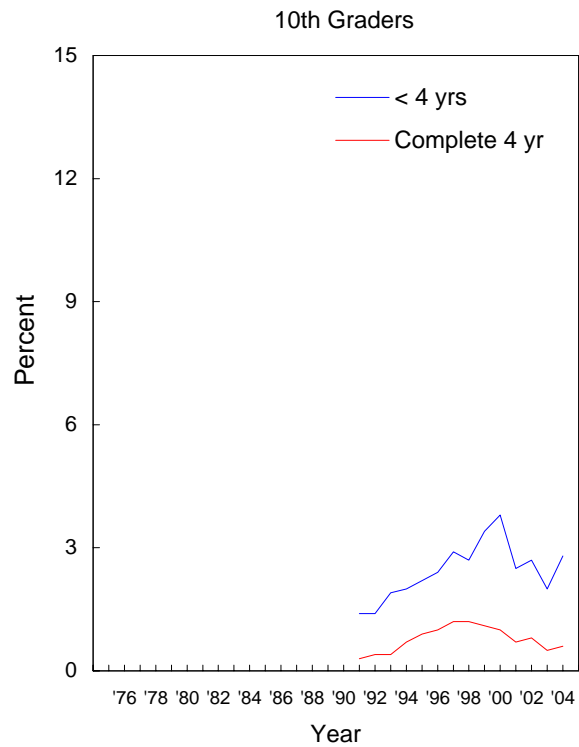
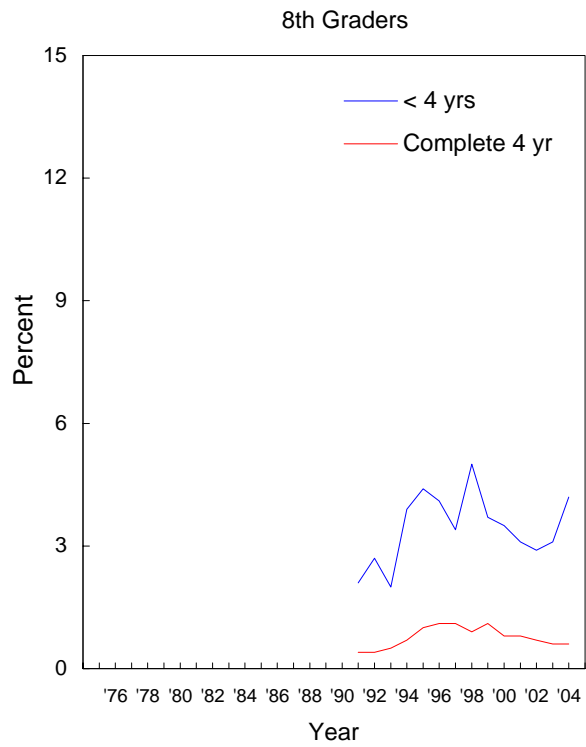


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

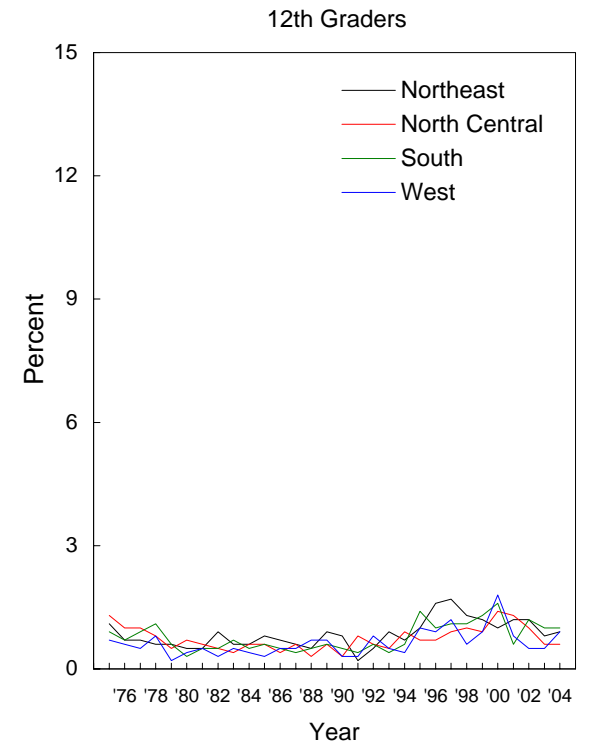
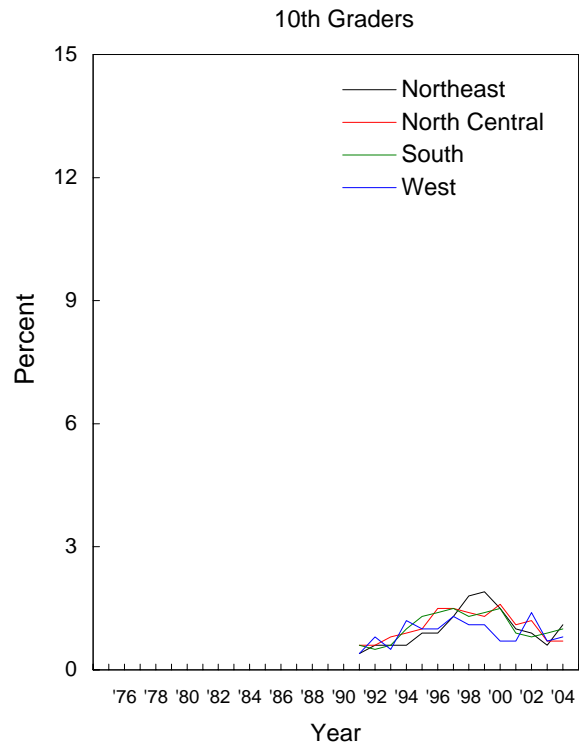
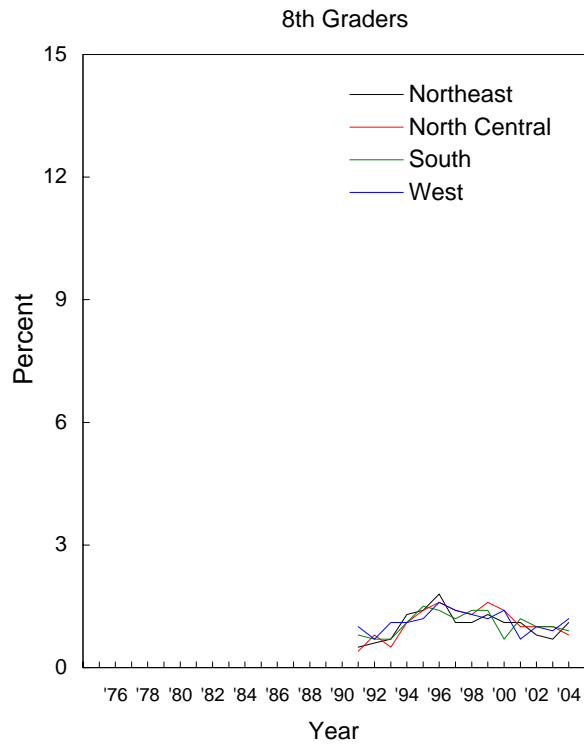
Heroin: Trends in Annual Prevalence by Gender



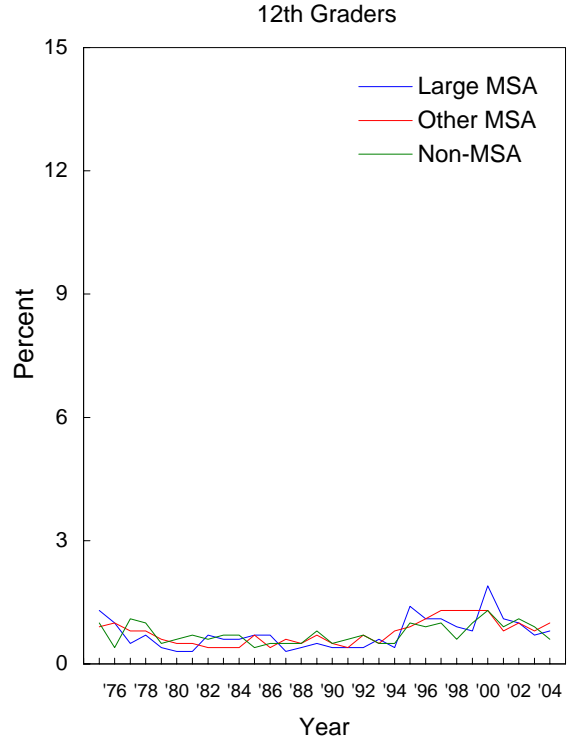
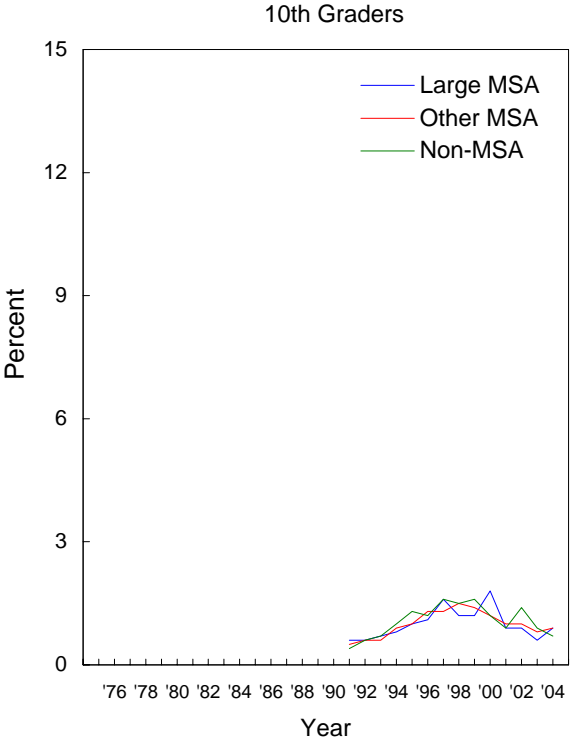
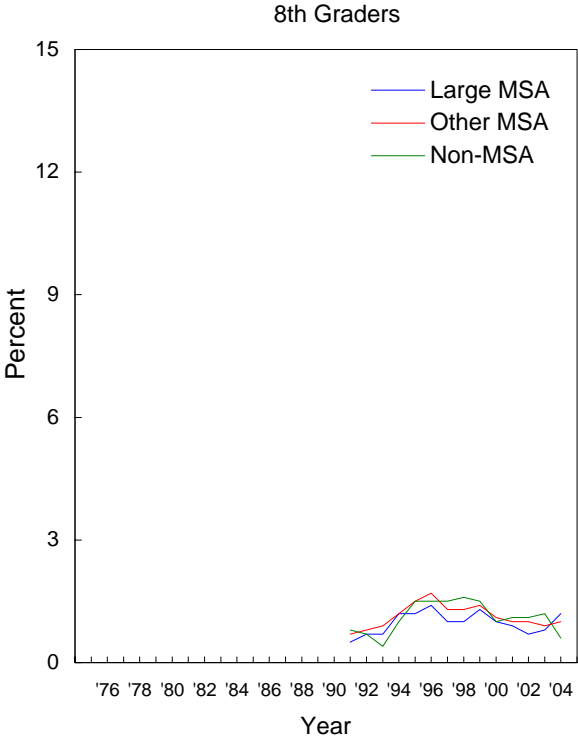
Heroin: Trends in Annual Prevalence by College Plans



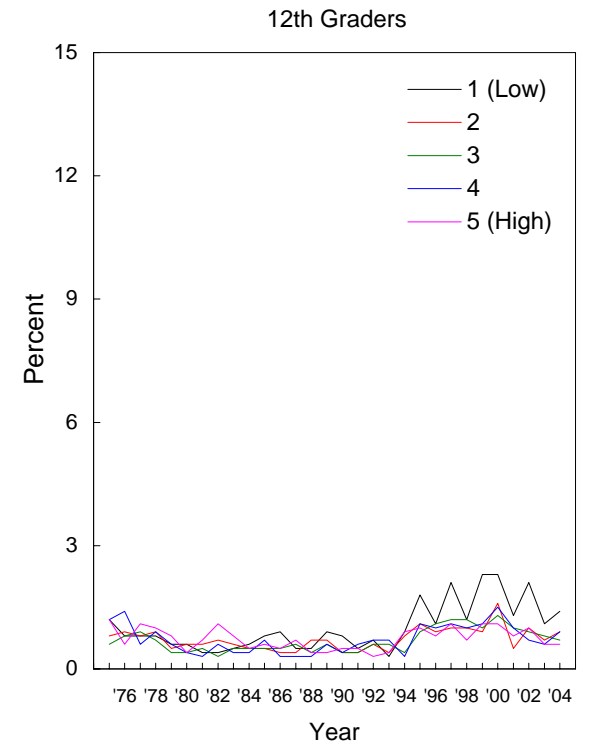
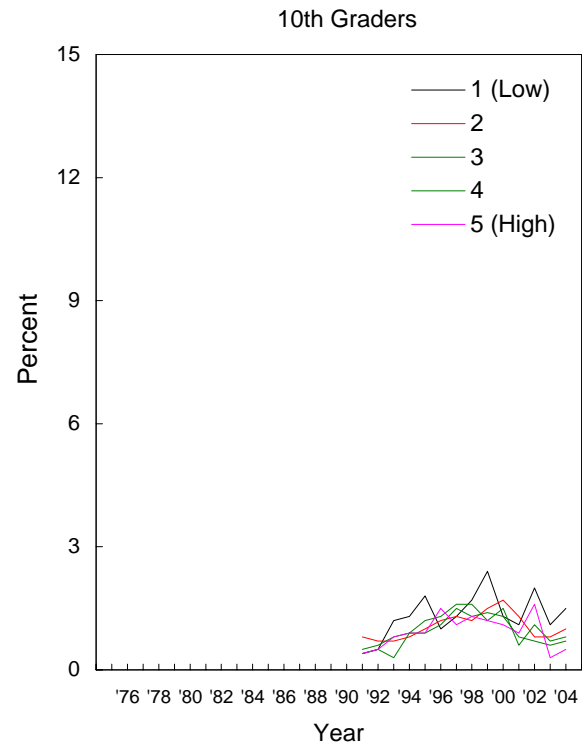
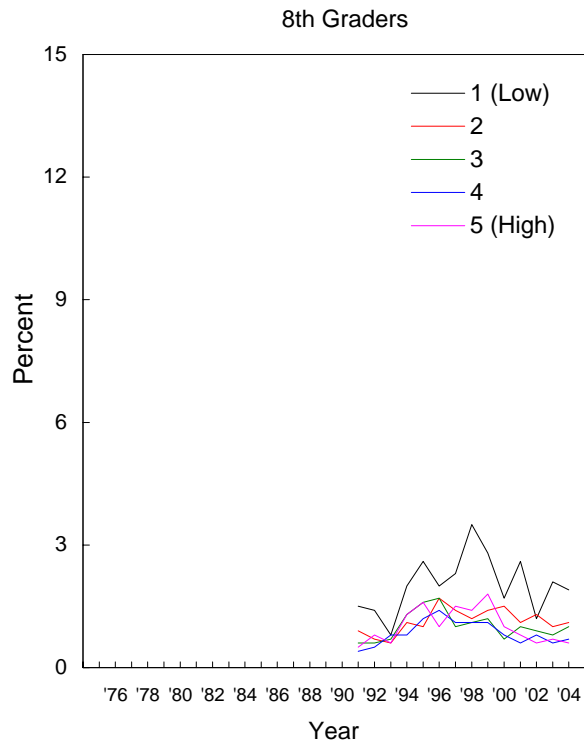
Heroin: Trends in Annual Prevalence by Region



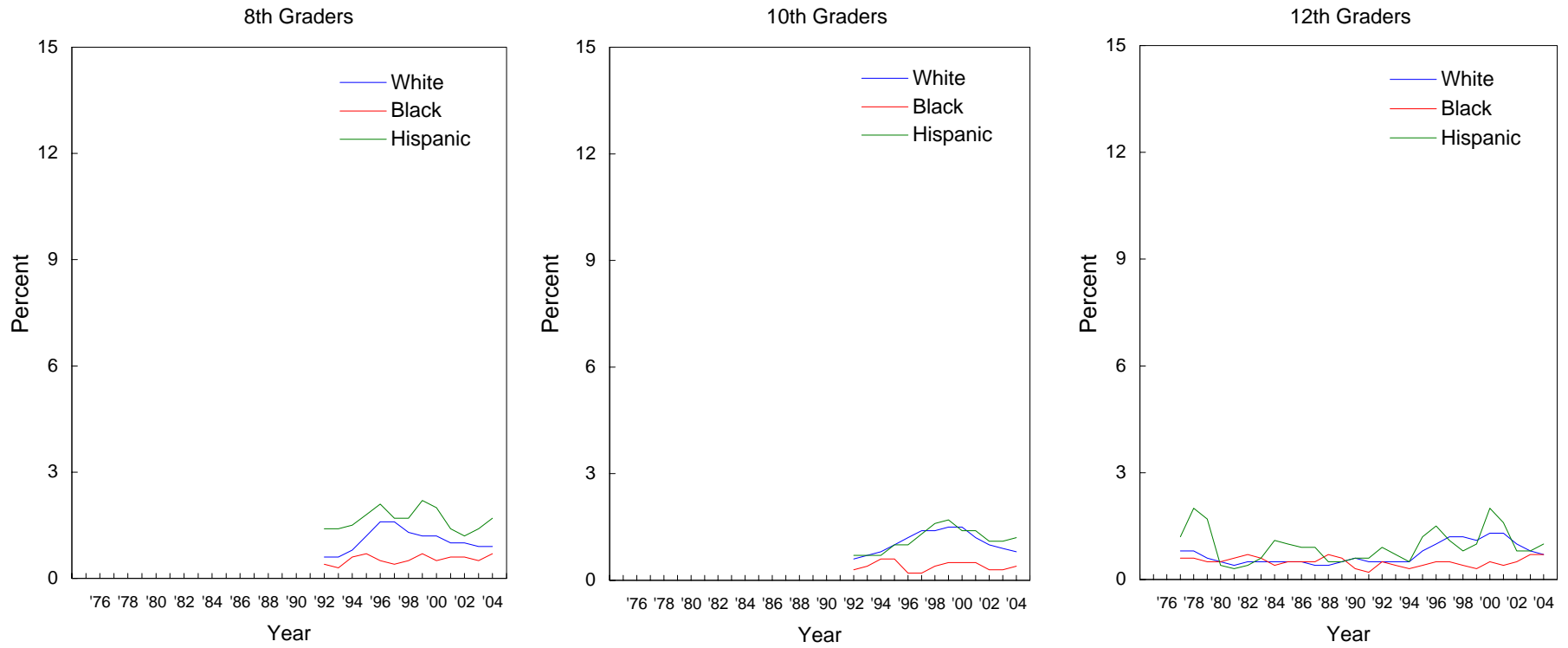
Heroin: Trends in Annual Prevalence by Population Density



Heroin: Trends in Annual Prevalence by Parents' Average Education

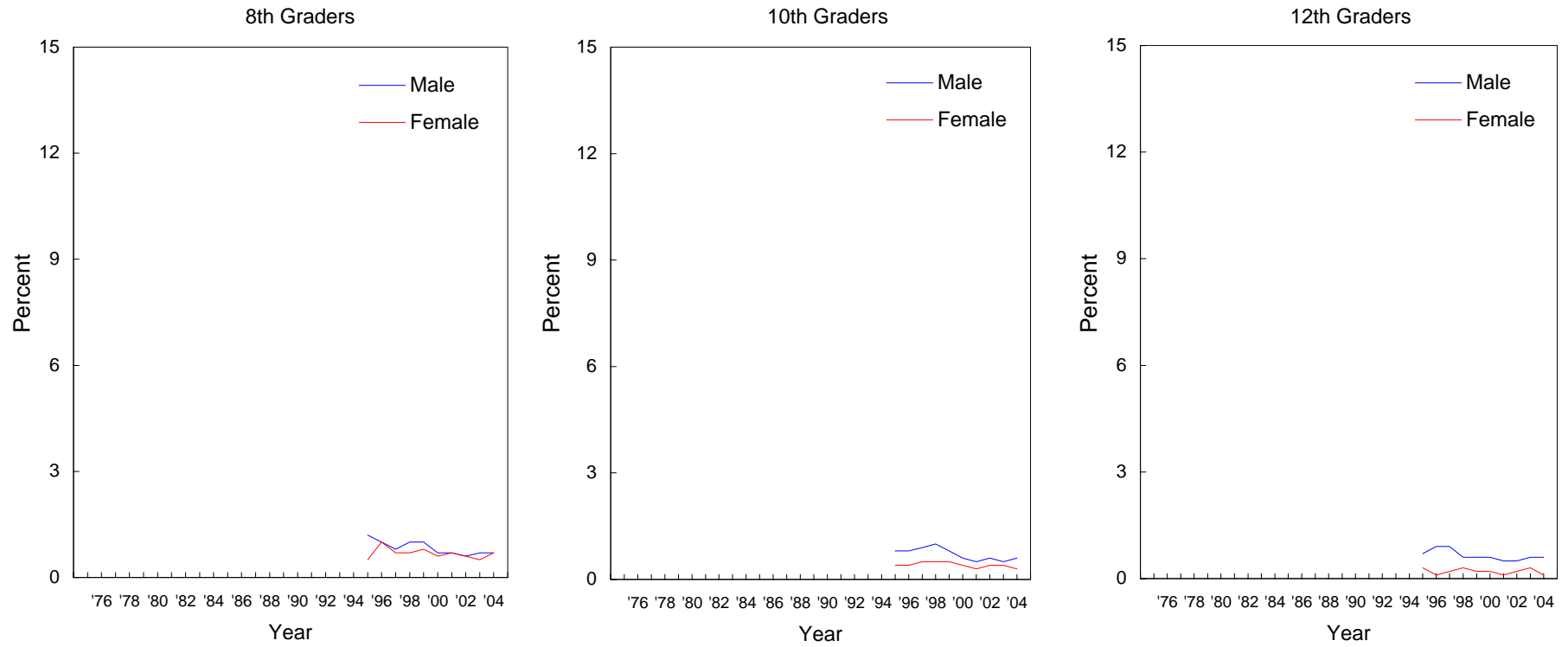


Heroin: Trends in Annual Prevalence by Race/Ethnicity*

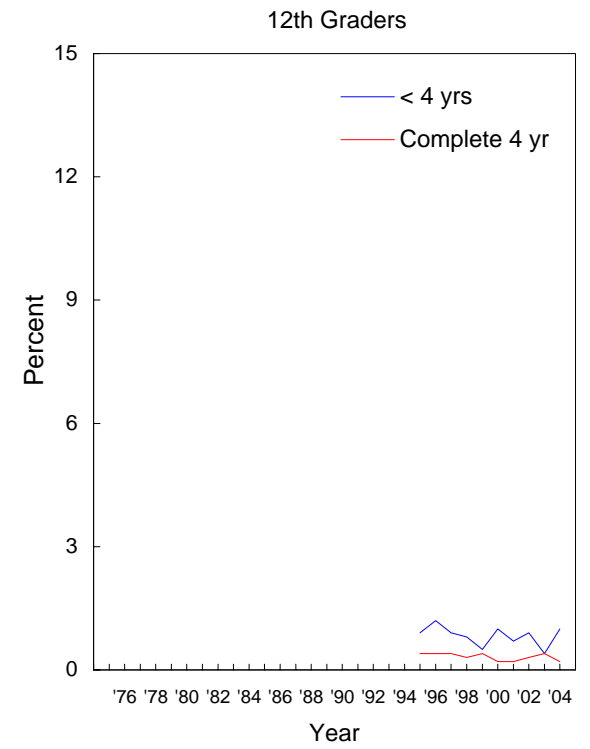
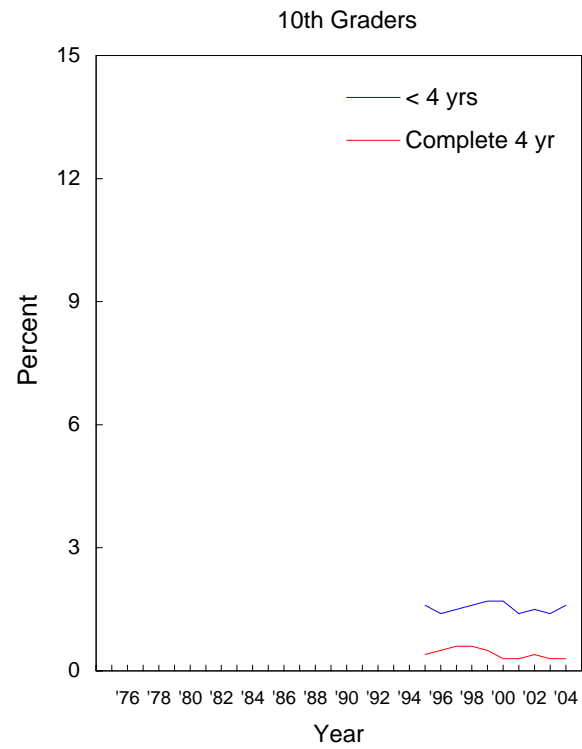
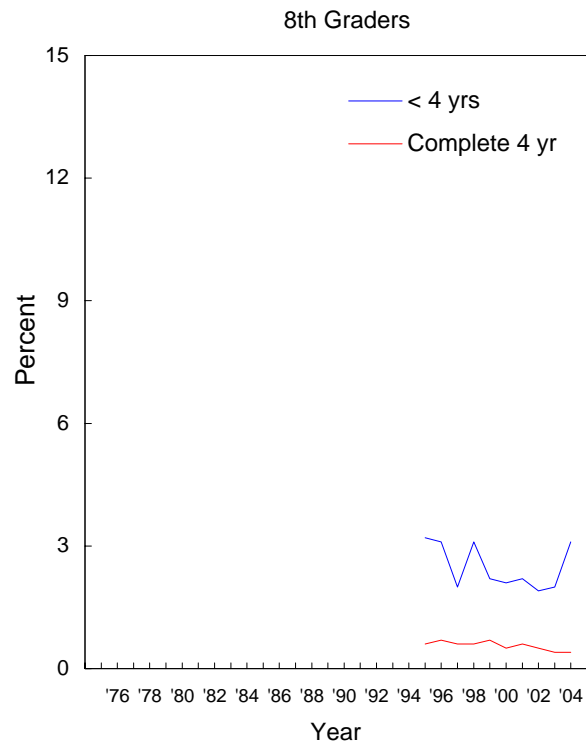


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

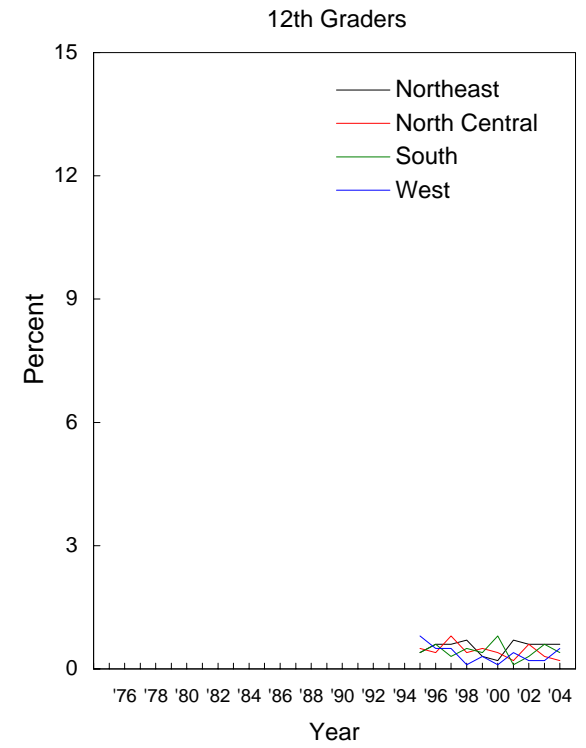
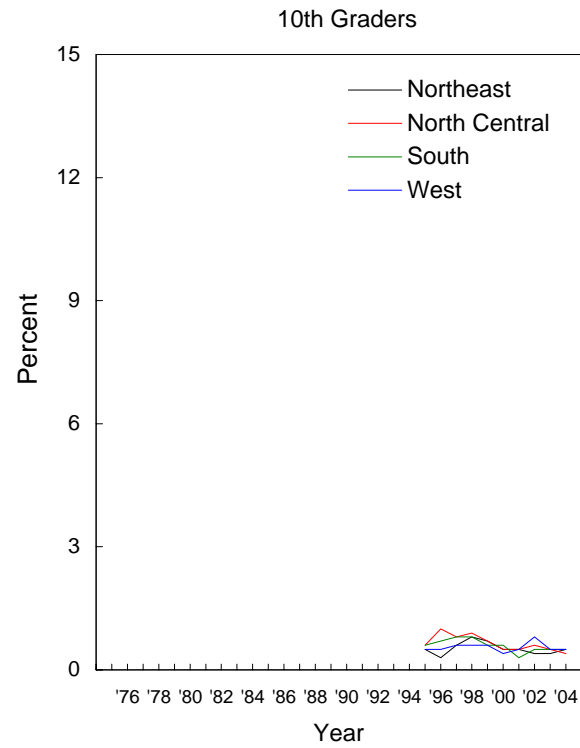
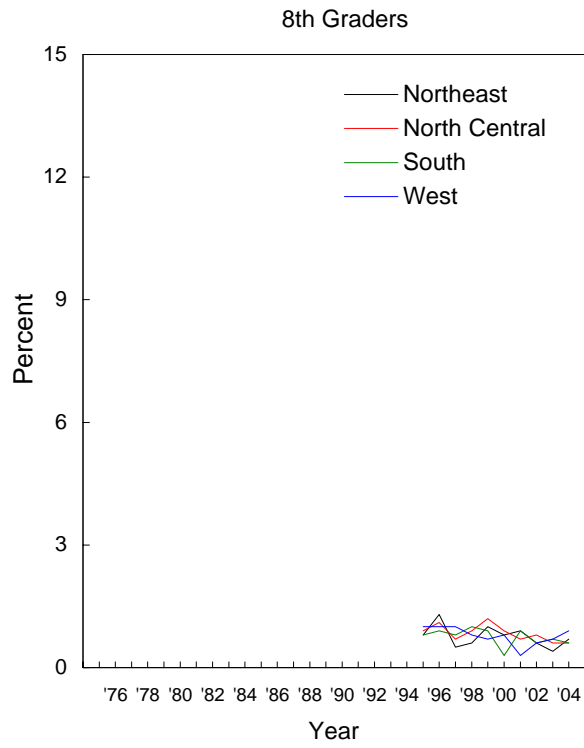
Heroin With a Needle: Trends in Annual Prevalence by Gender



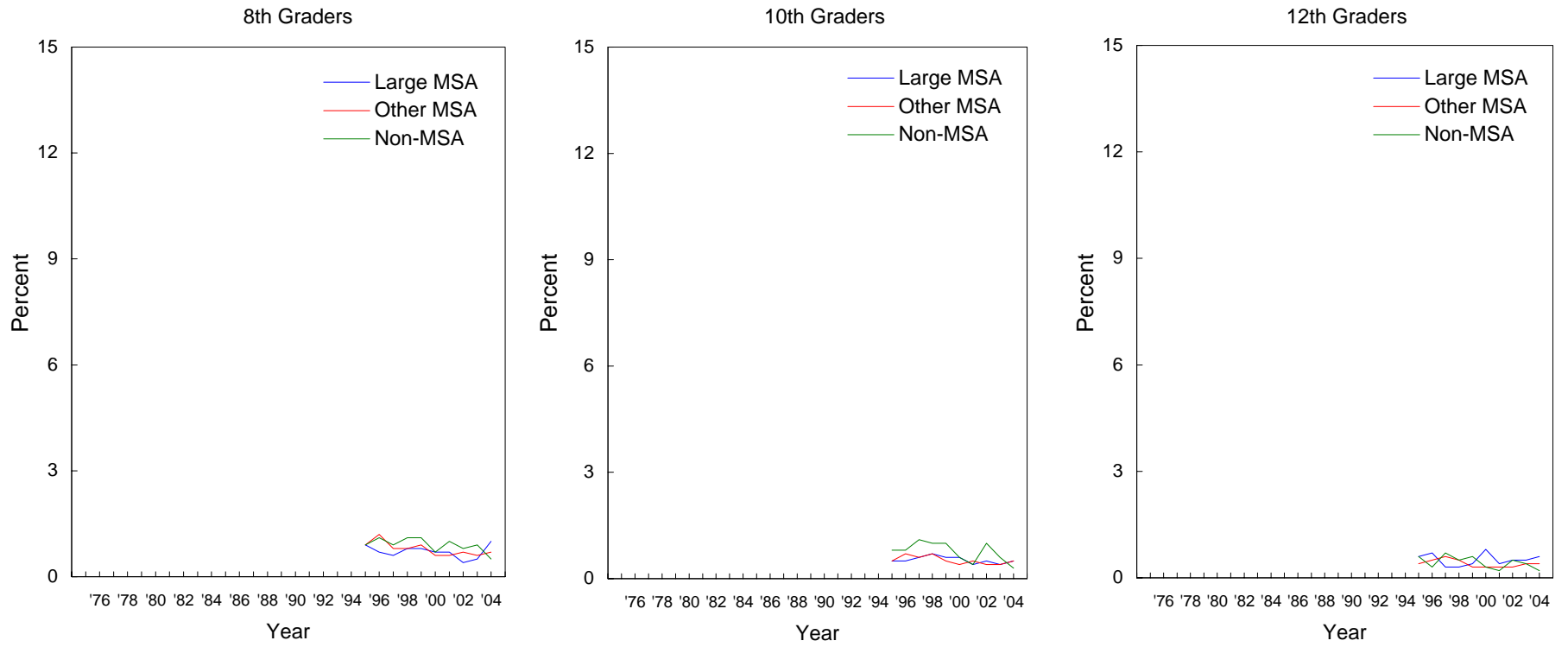
Heroin With a Needle: Trends in Annual Prevalence by College Plans



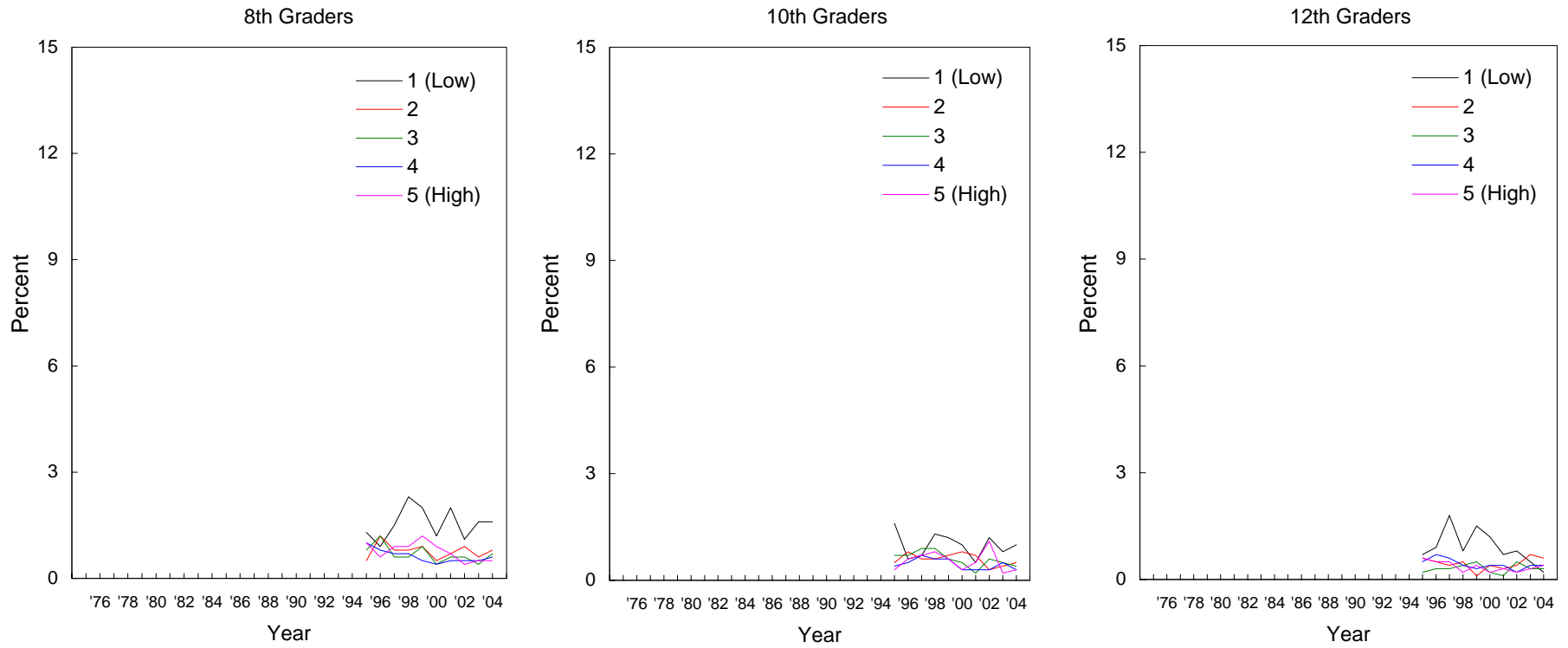
Heroin With a Needle: Trends in Annual Prevalence by Region



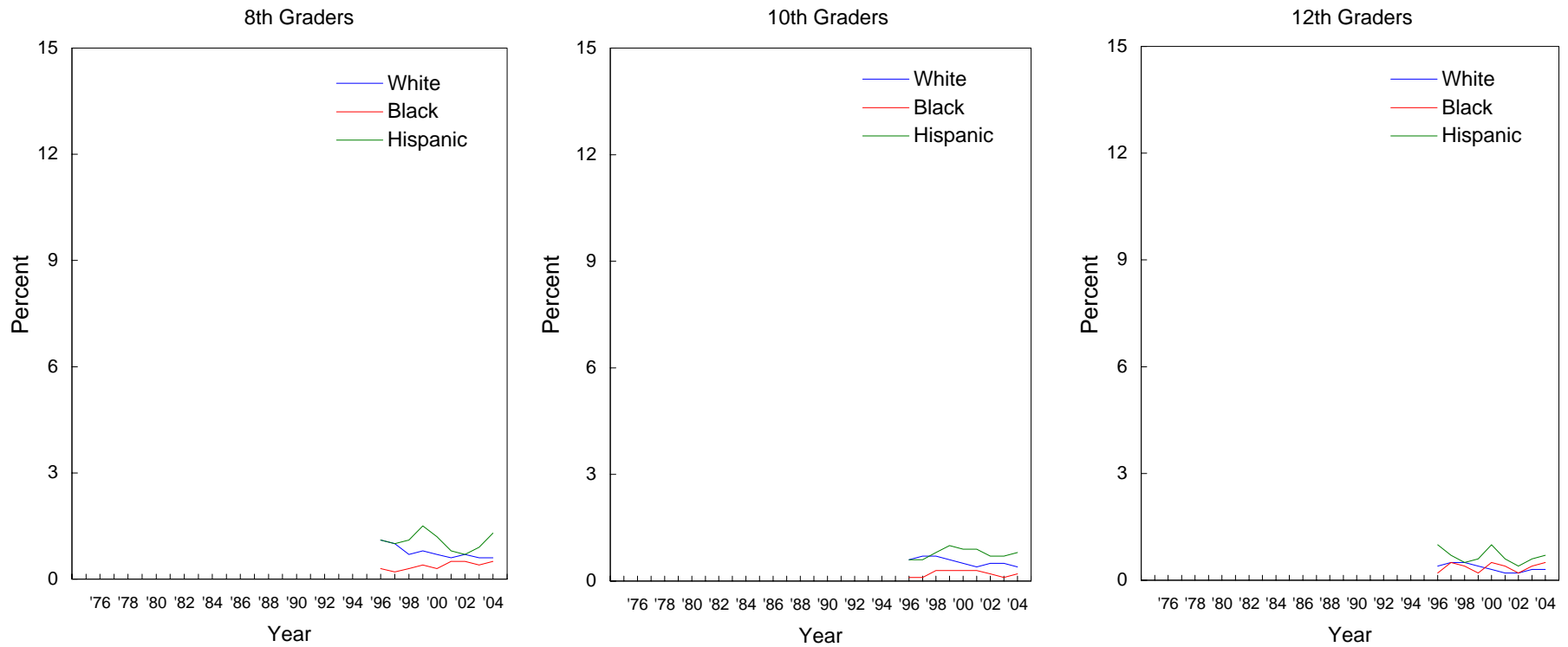
Heroin With a Needle: Trends in Annual Prevalence by Population Density



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

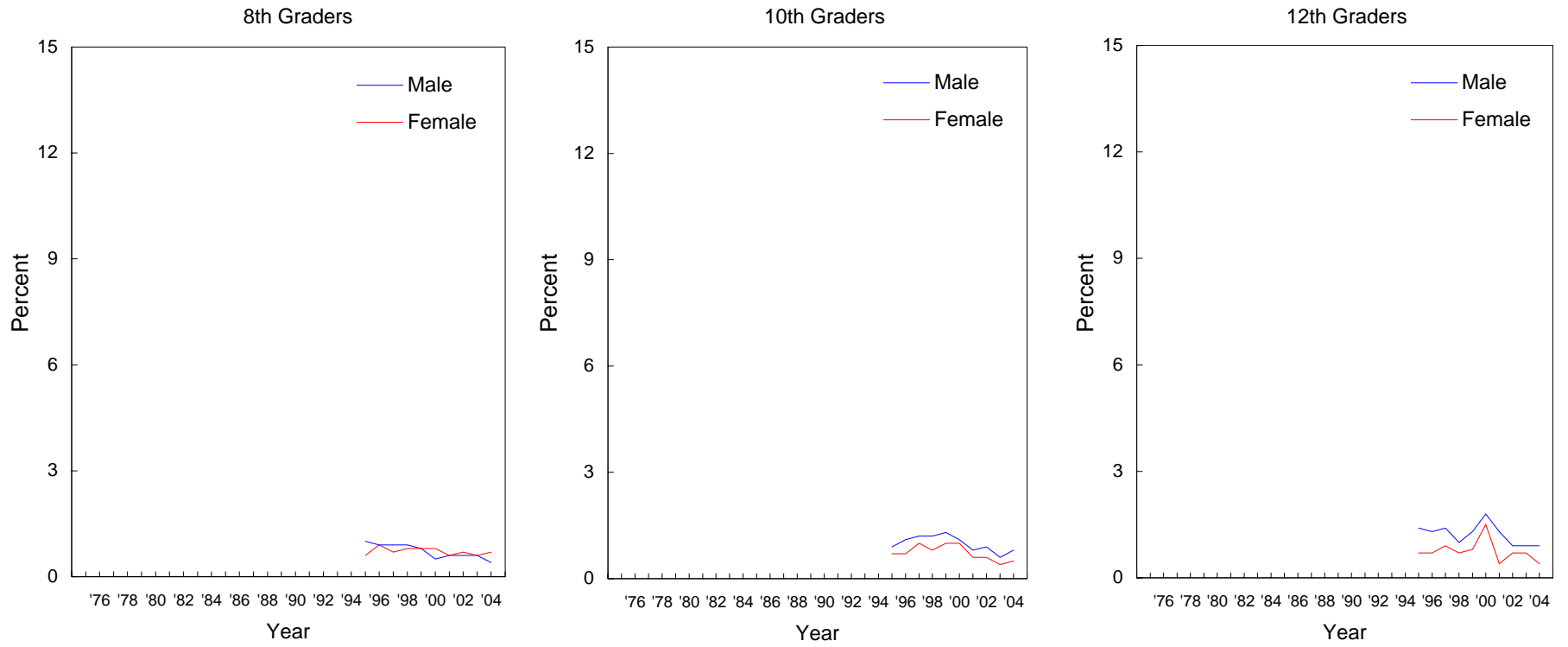


Heroin With a Needle: Trends in Annual Prevalence by Race/Ethnicity*

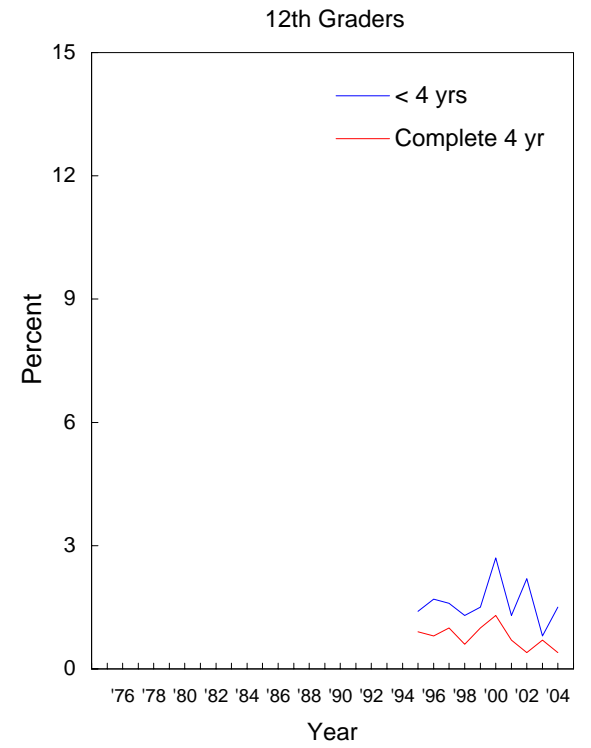
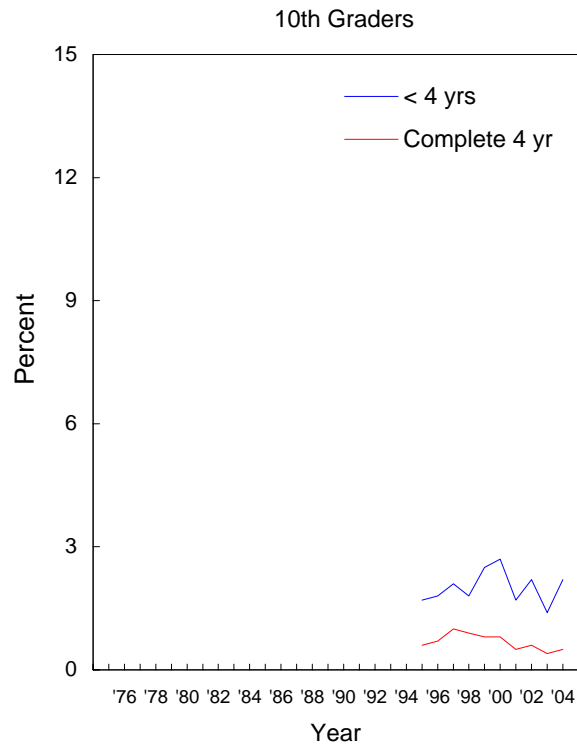
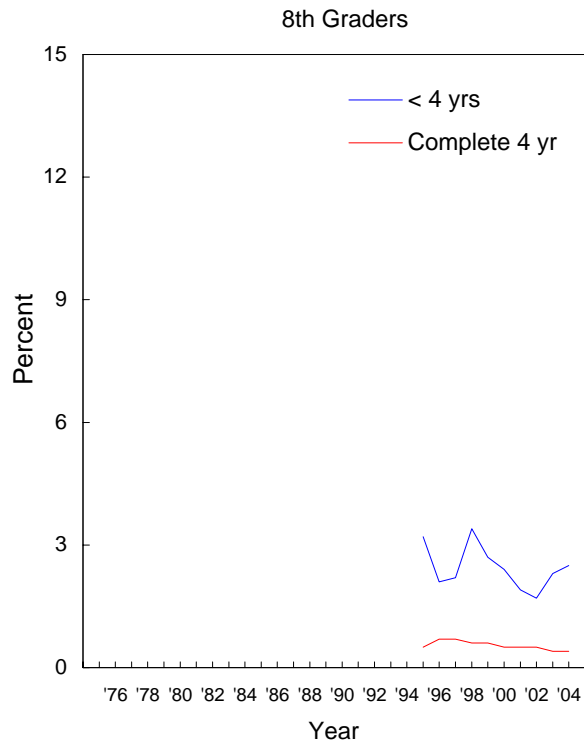


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

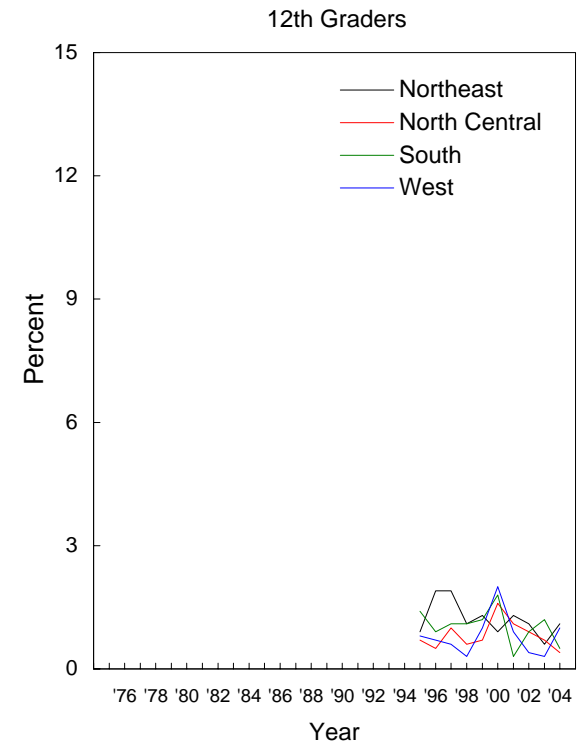
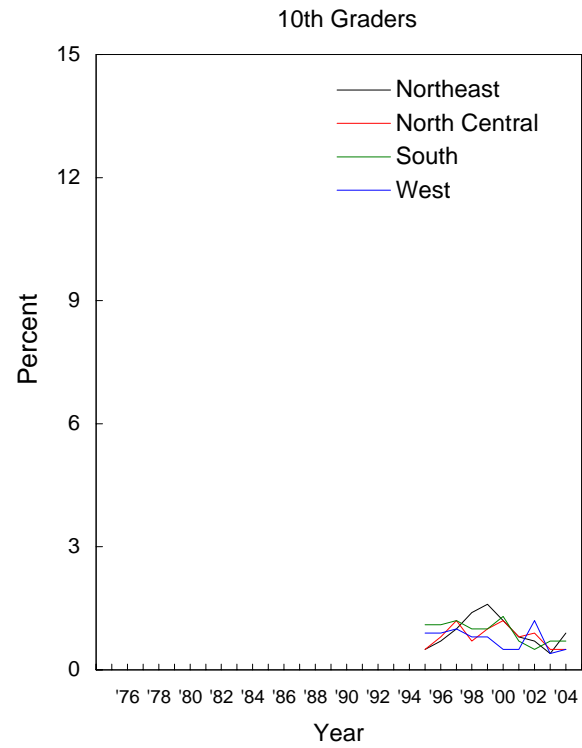
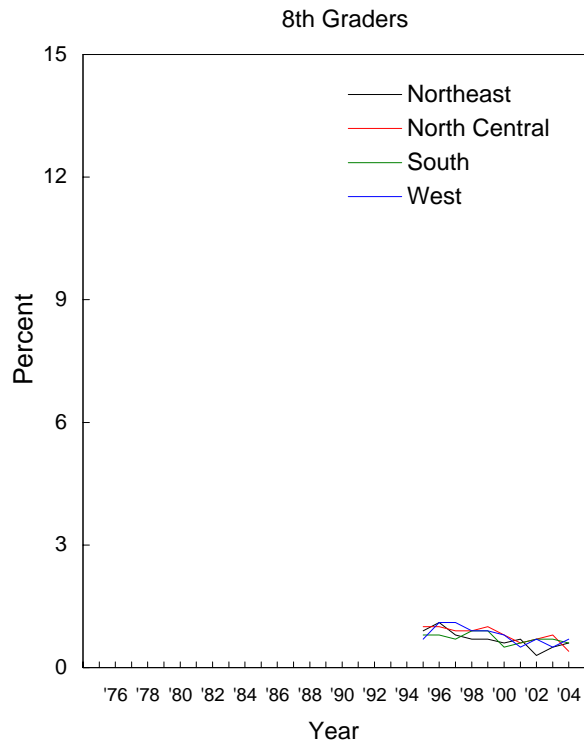
Heroin Without a Needle: Trends in Annual Prevalence by Gender



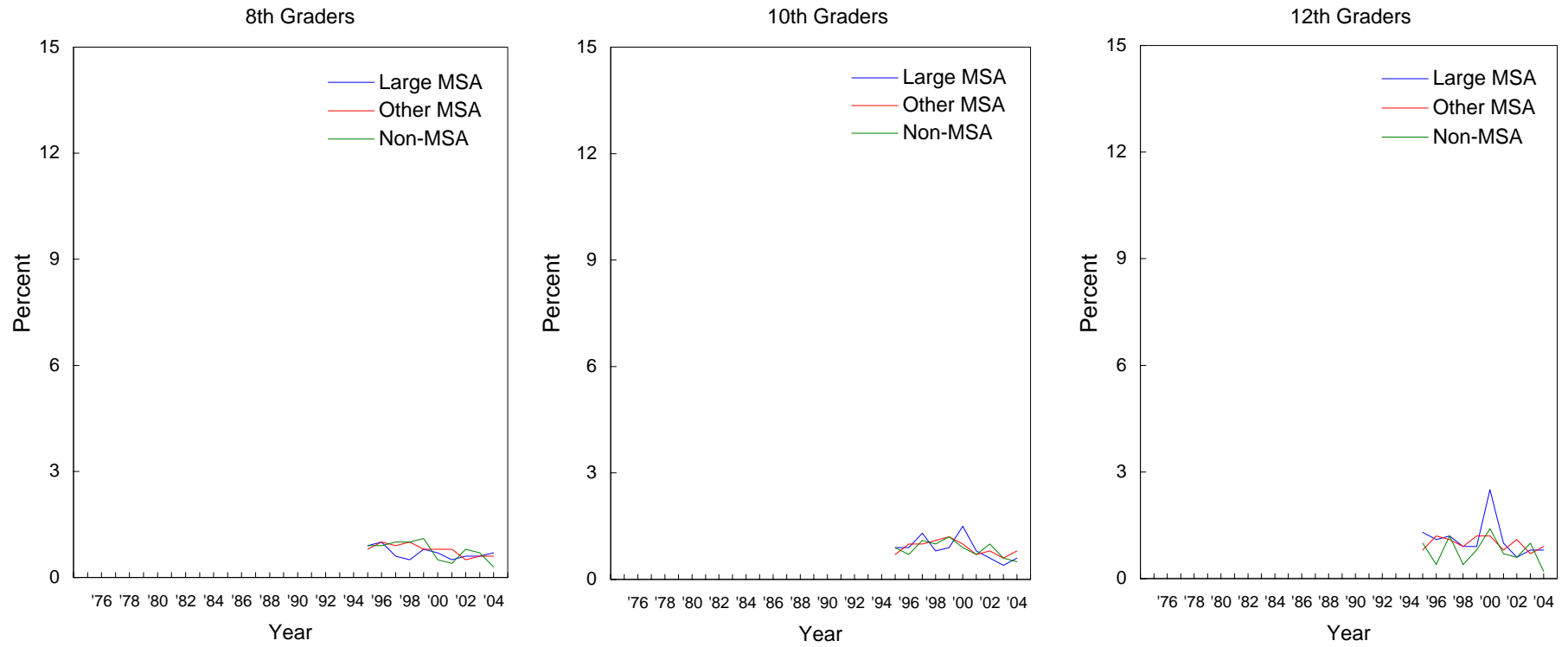
Heroin Without a Needle: Trends in Annual Prevalence by College Plans



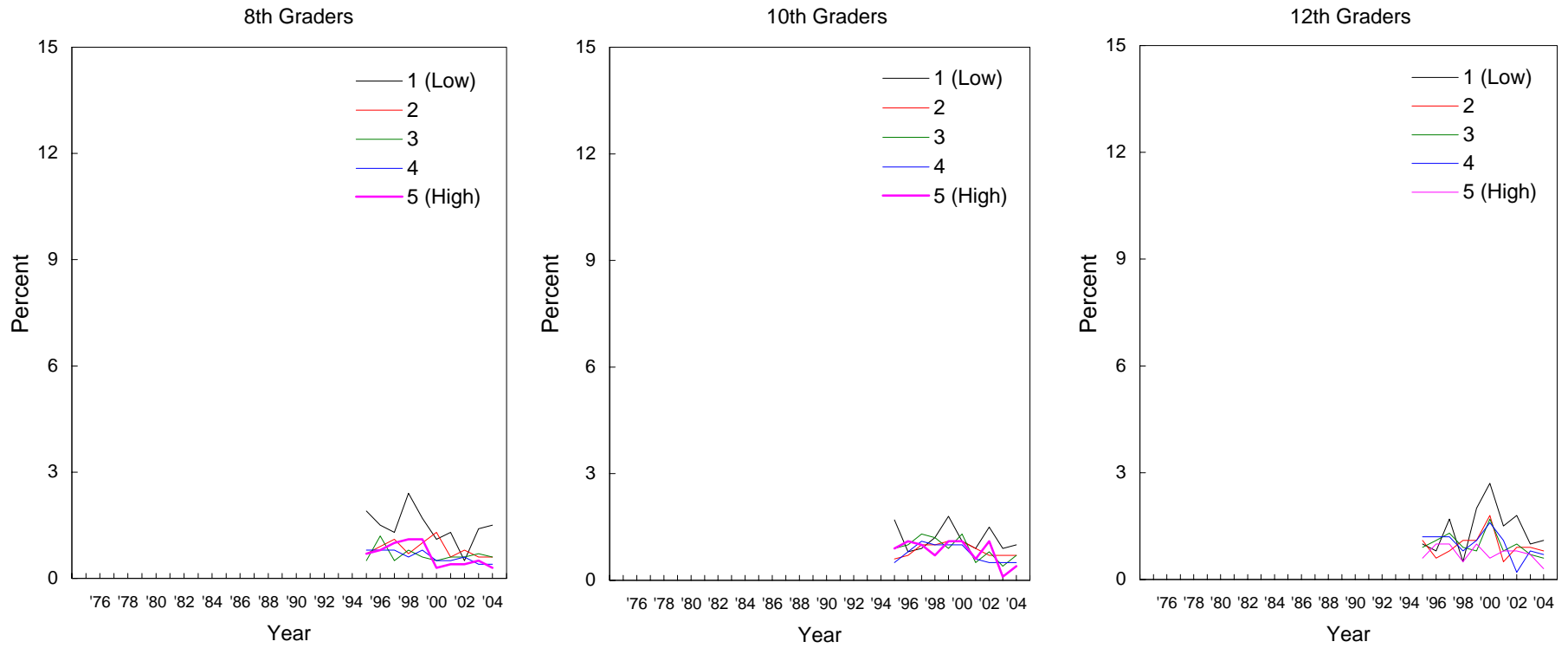
Heroin Without a Needle: Trends in Annual Prevalence by Region



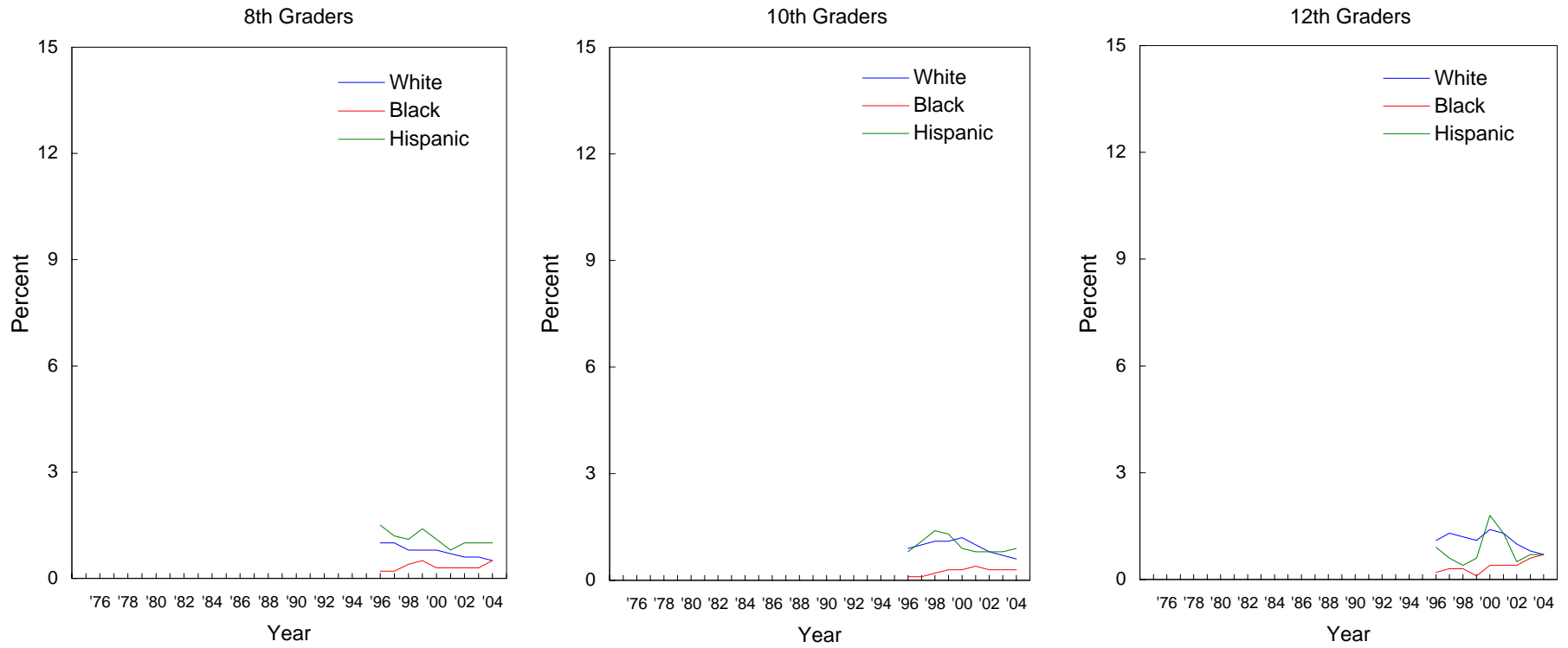
Heroin Without a Needle: Trends in Annual Prevalence by Population Density



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

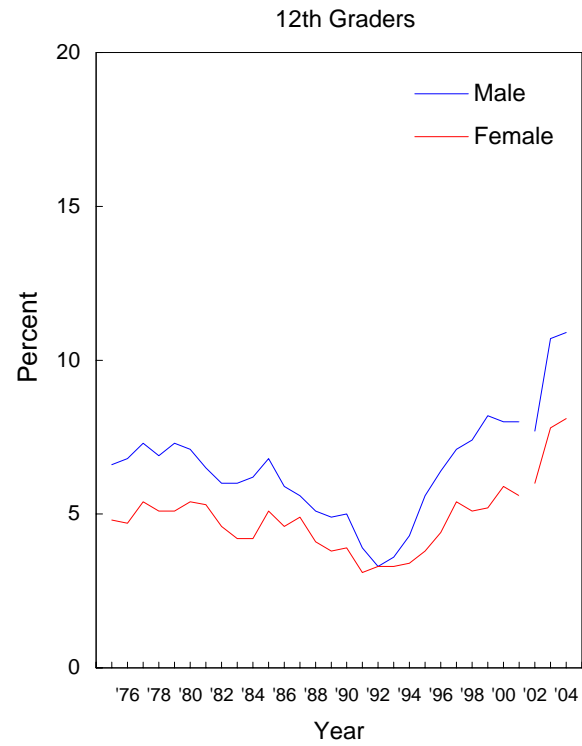


Heroin Without a Needle: Trends in Annual Prevalence by Race/Ethnicity*



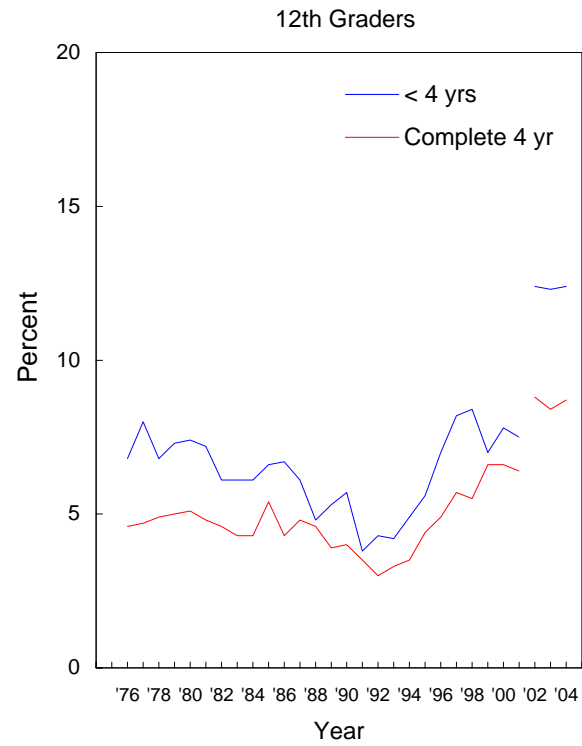
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Other Narcotics:* Trends in Annual Prevalence by Gender



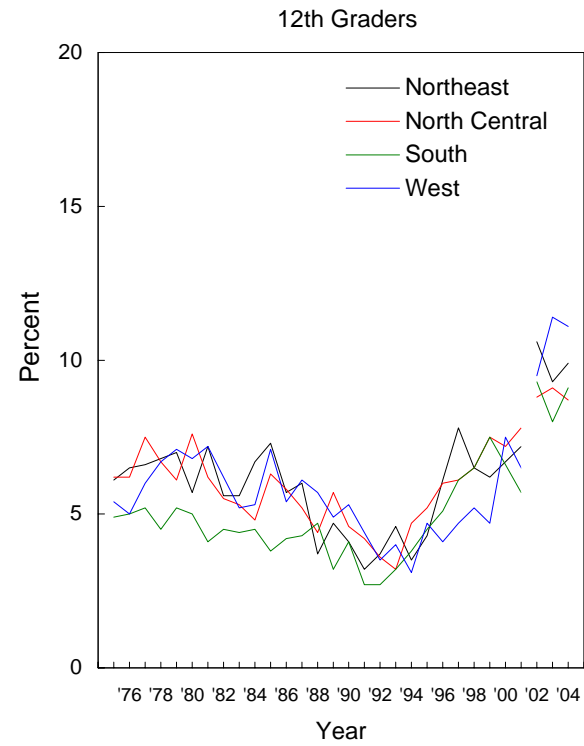
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

Other Narcotics:* Trends in Annual Prevalence by College Plans



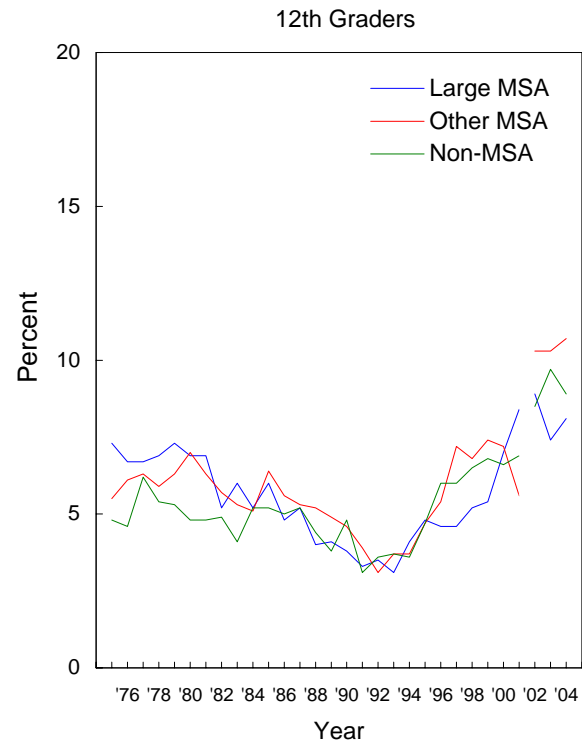
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

Other Narcotics:* Trends in Annual Prevalence by Region



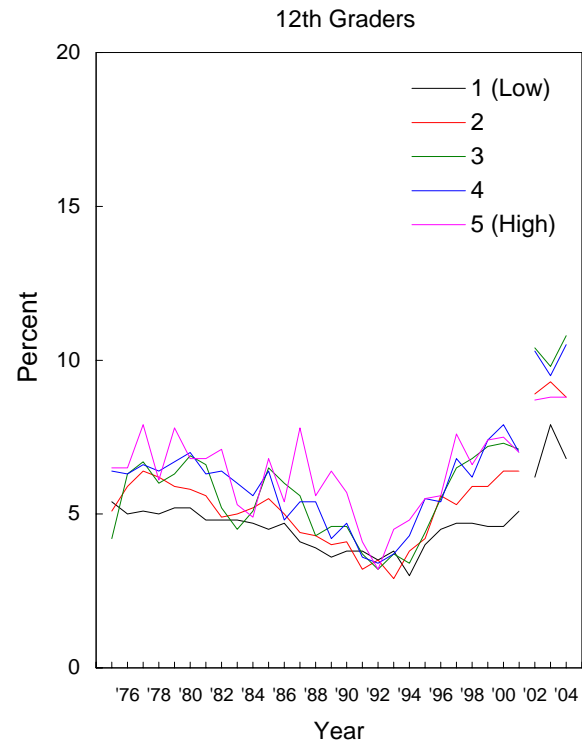
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

Other Narcotics:* Trends in Annual Prevalence by Population Density



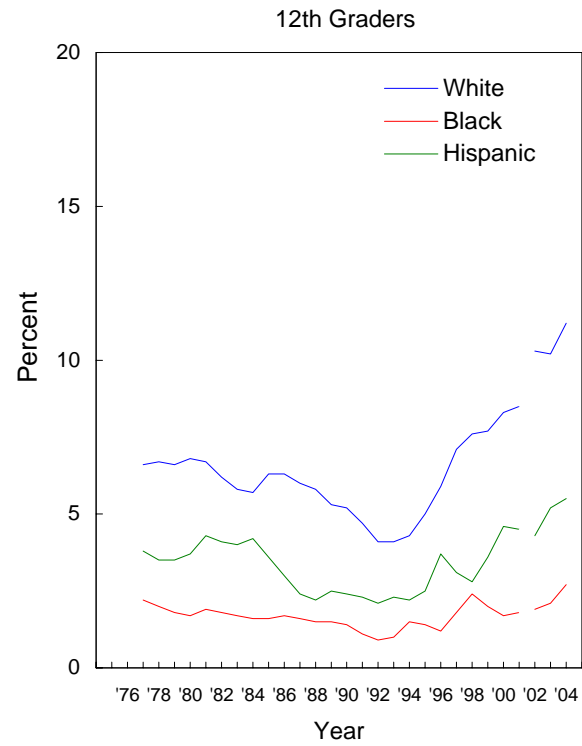
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

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.

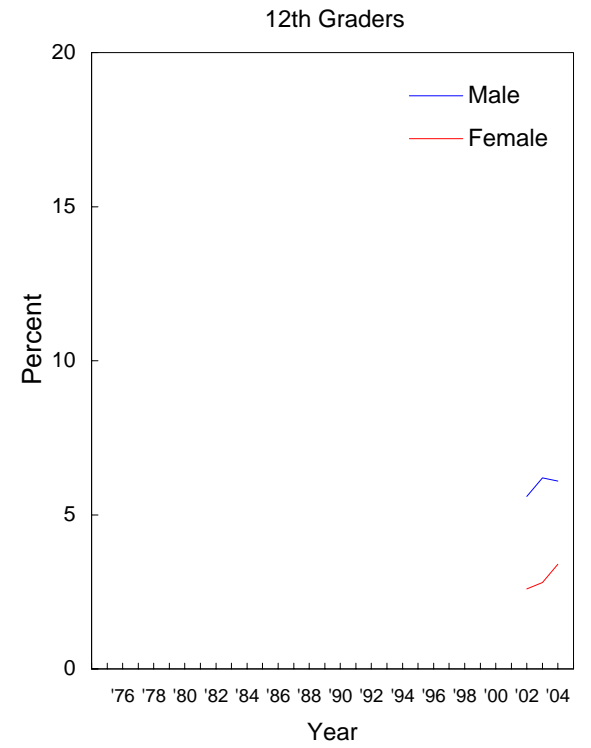
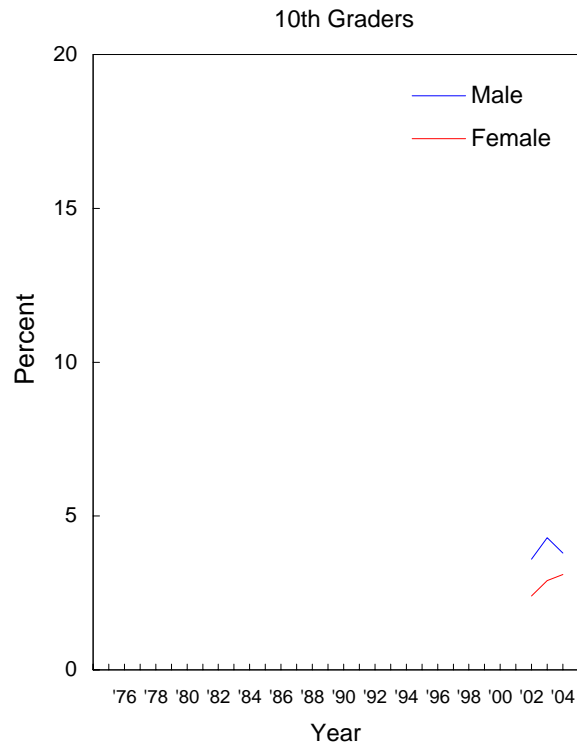
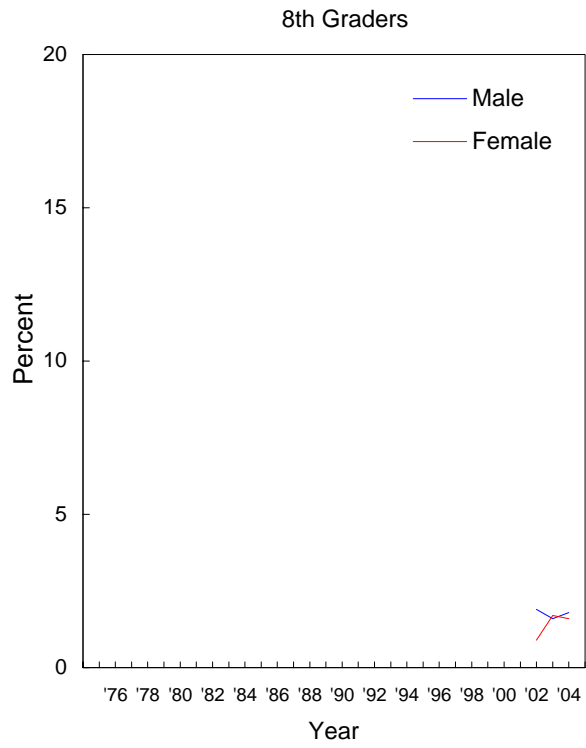
Other Narcotics:* Trends in Annual Prevalence by Race/Ethnicity**



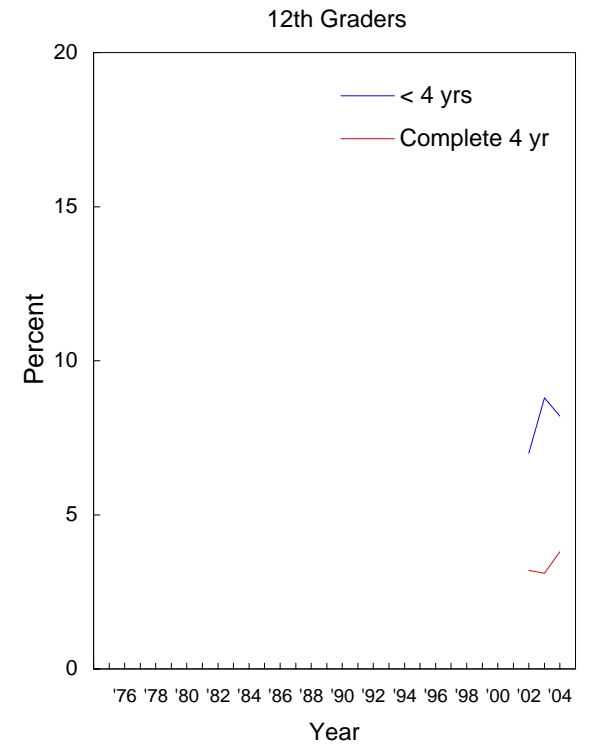
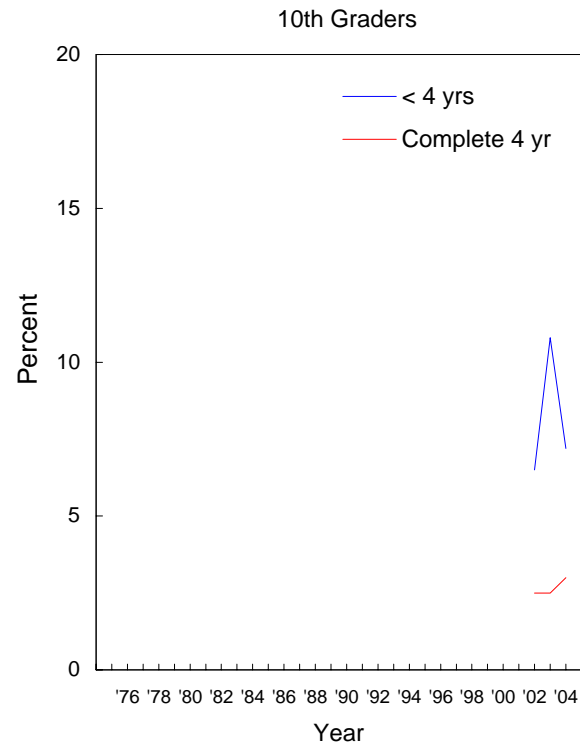
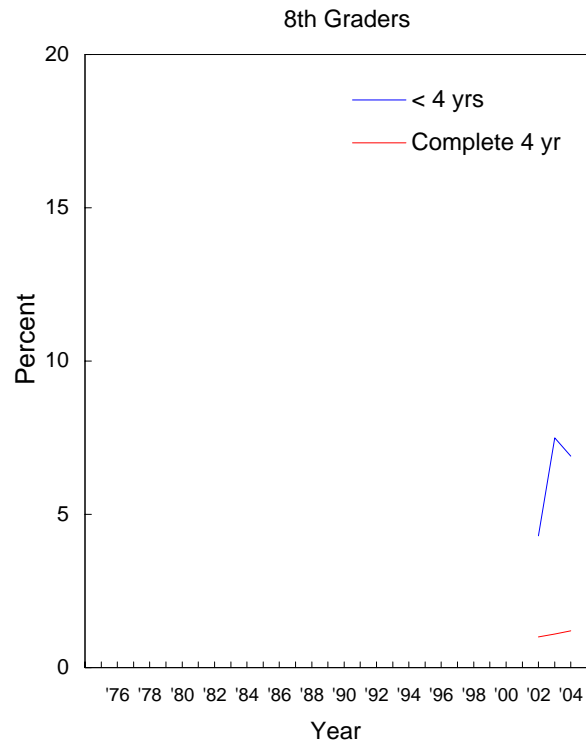
*Beginning in 2002, a revised set of questions on other narcotics use was introduced. Refer to corresponding tables for further details.

**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).

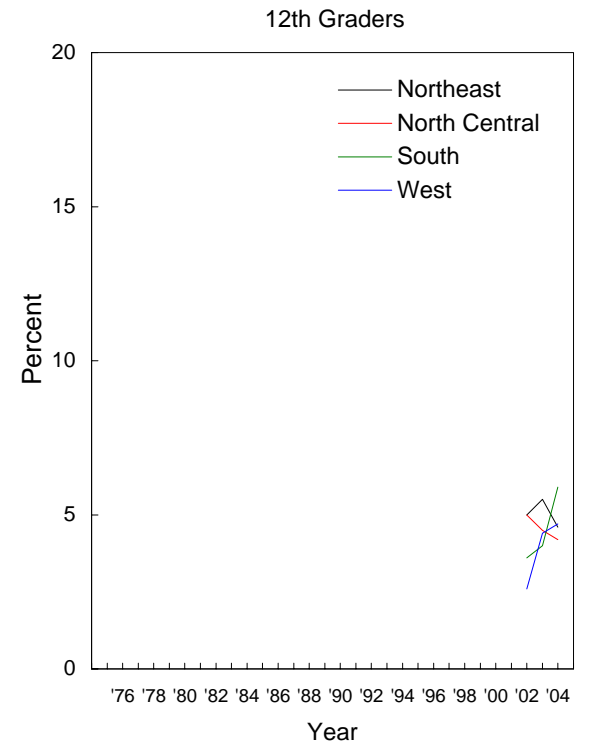
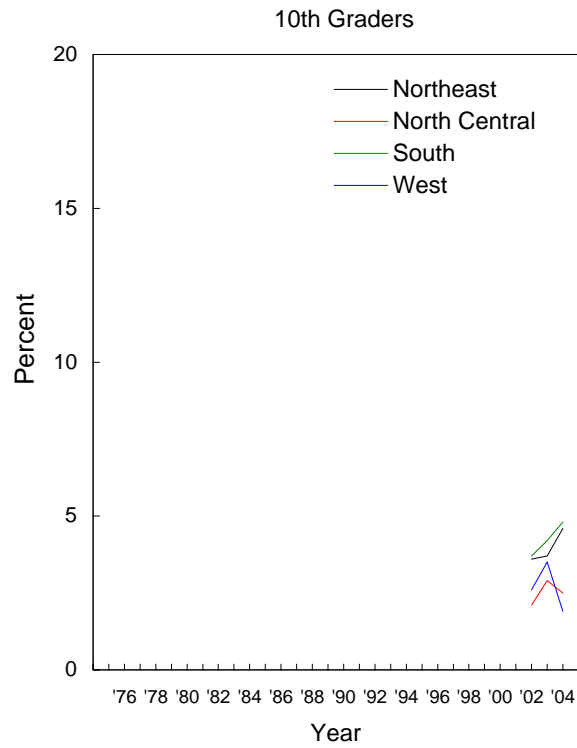
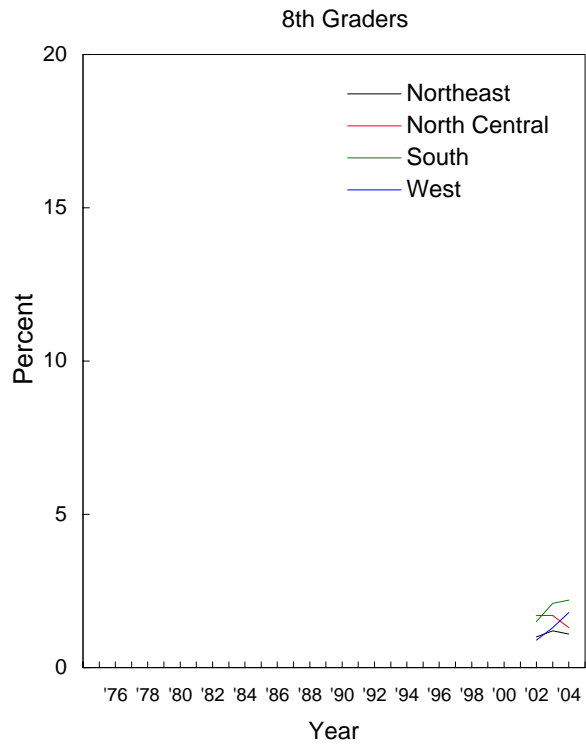
OxyContin: Trends in Annual Prevalence by Gender



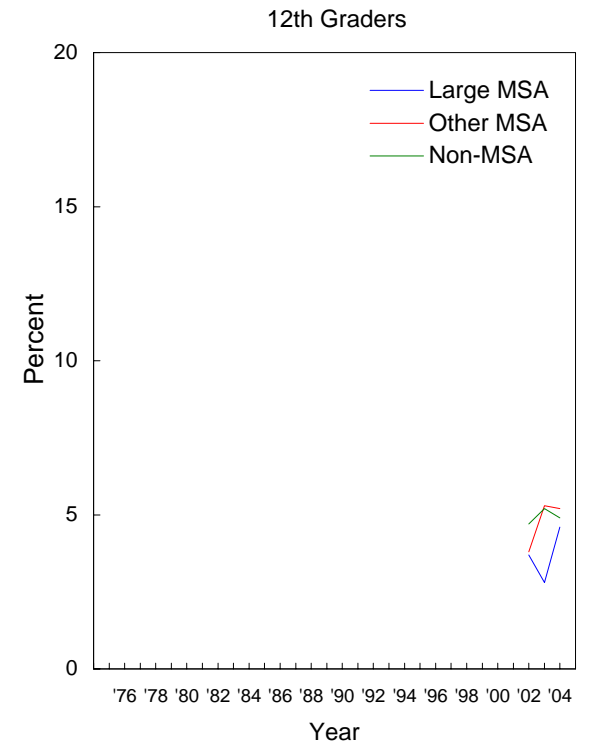
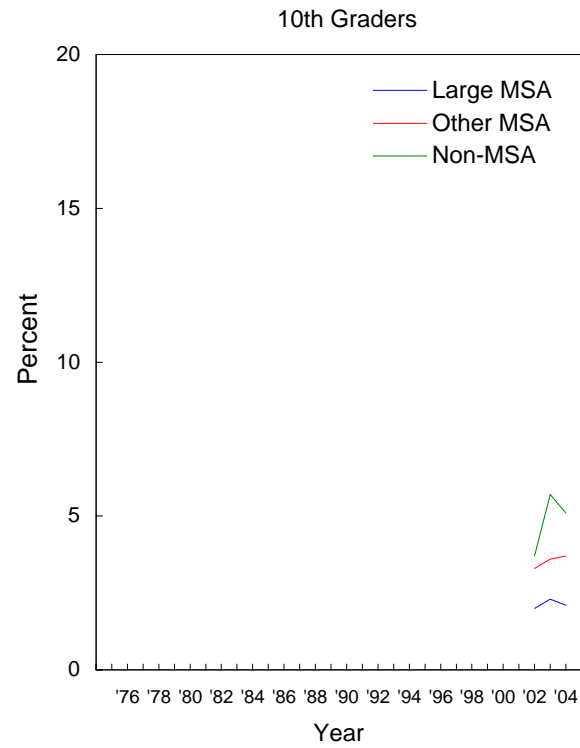
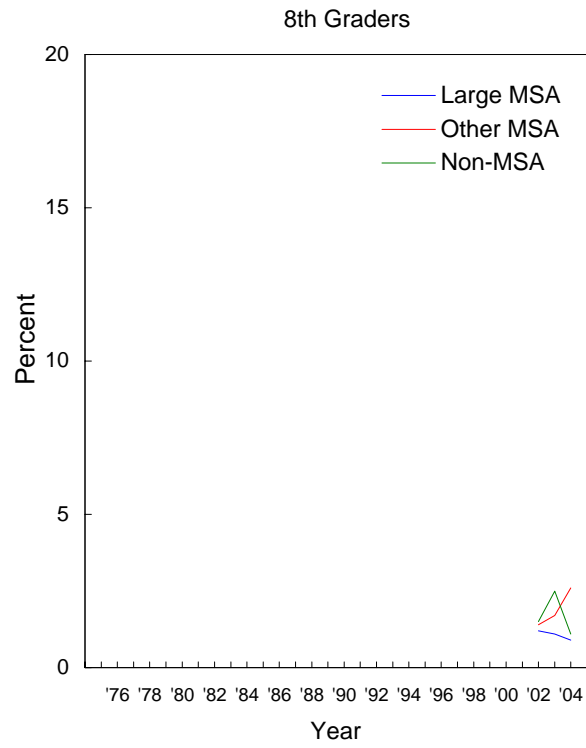
OxyContin: Trends in Annual Prevalence by College Plans



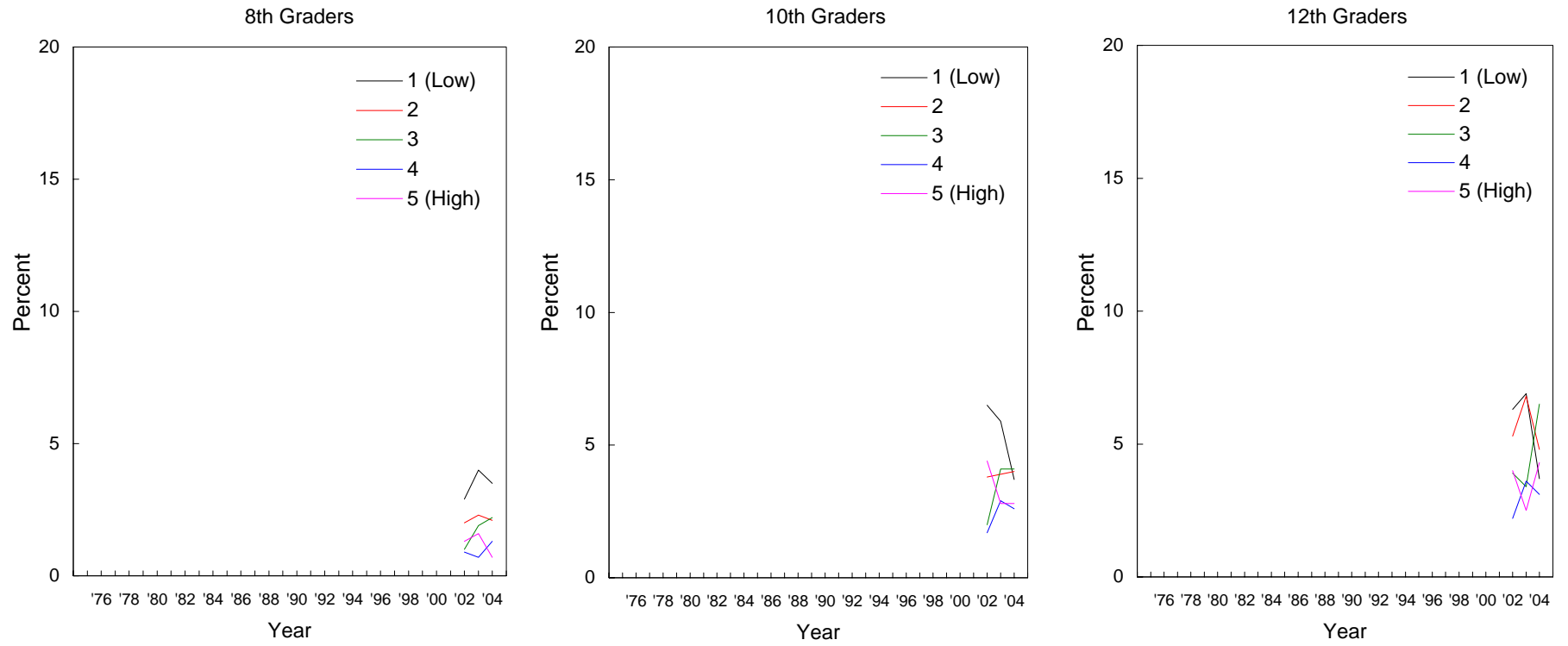
OxyContin: Trends in Annual Prevalence by Region



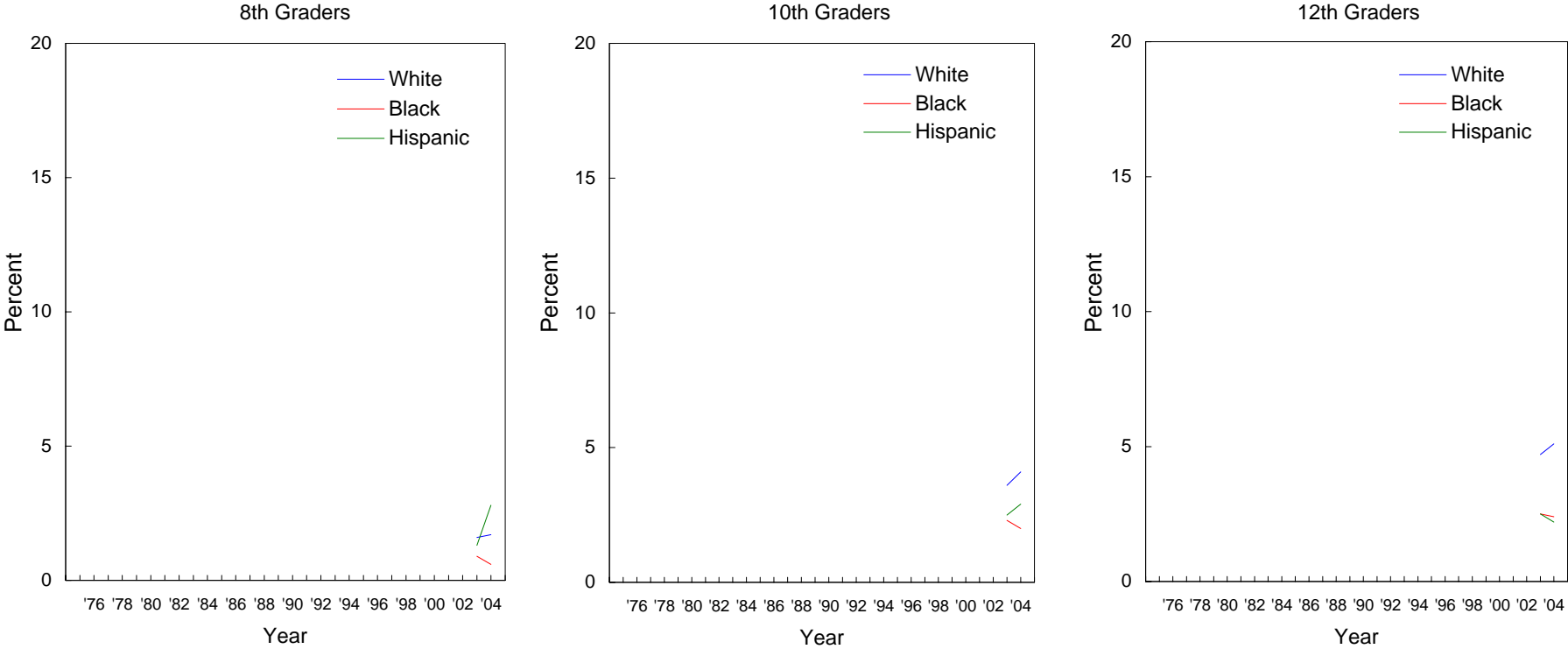
OxyContin: Trends in Annual Prevalence by Population Density



OxyContin: Trends in Annual Prevalence by Parents' Average Education

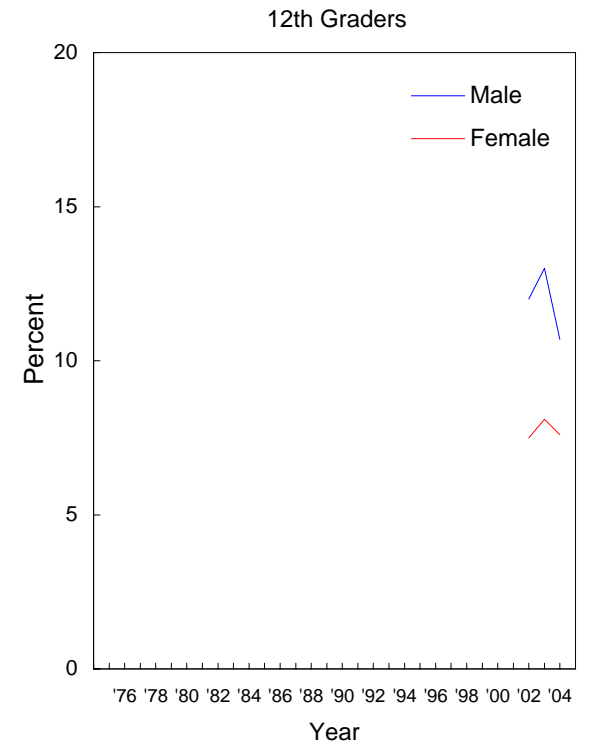
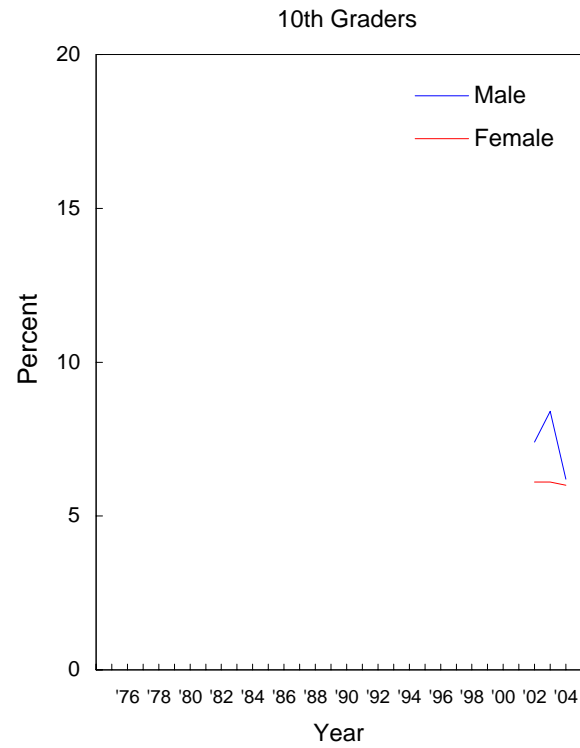
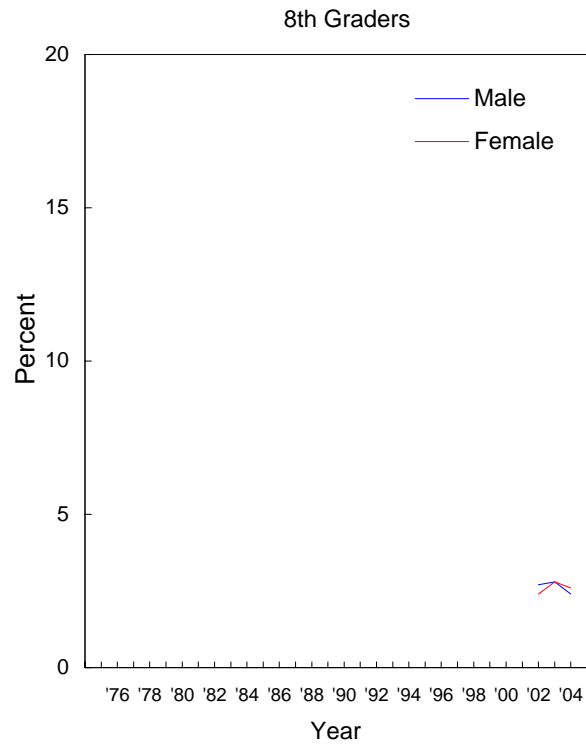


OxyContin: Trends in Annual Prevalence by Race/Ethnicity*

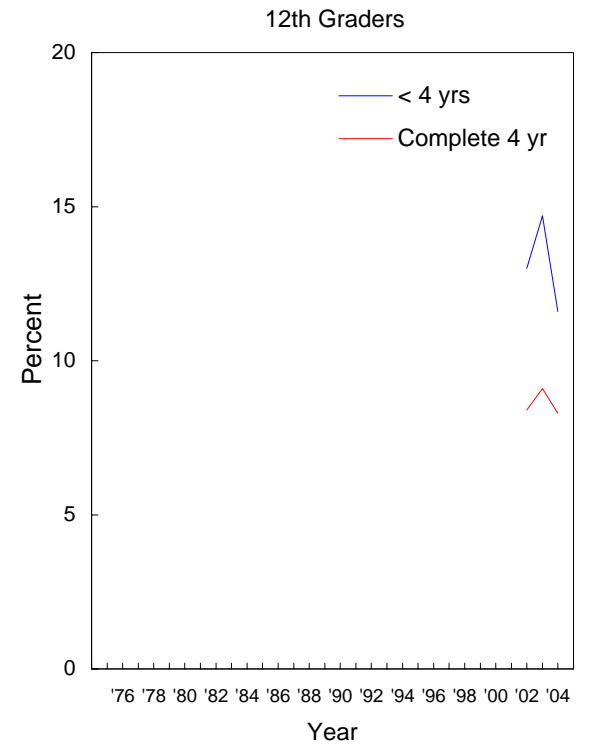
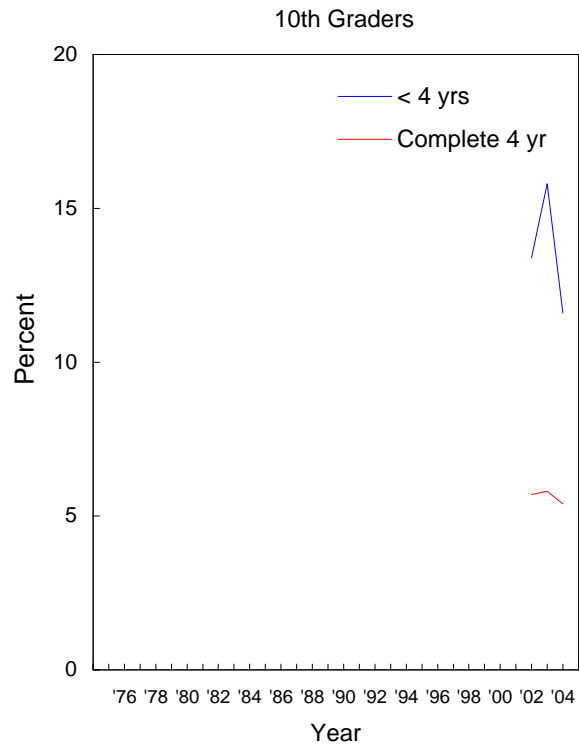
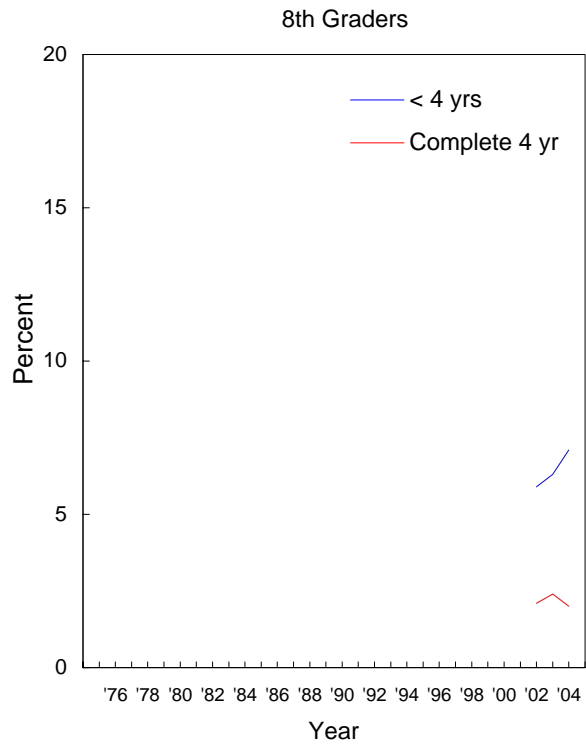


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

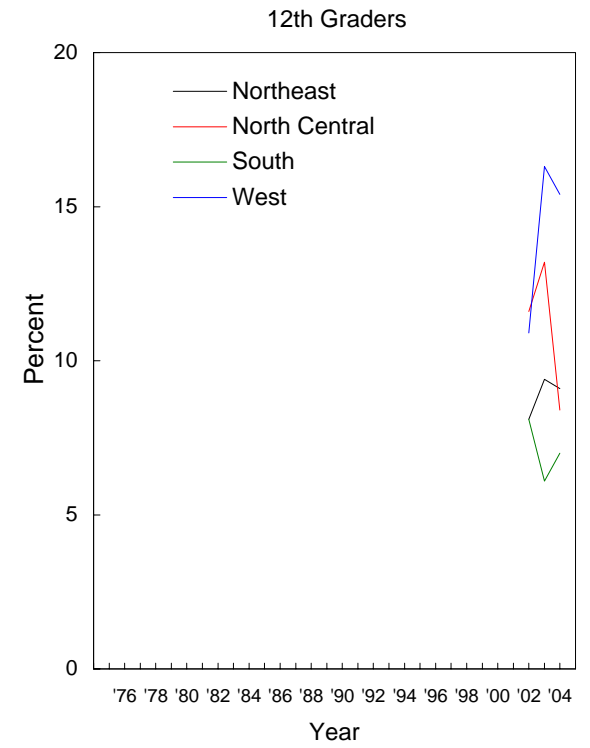
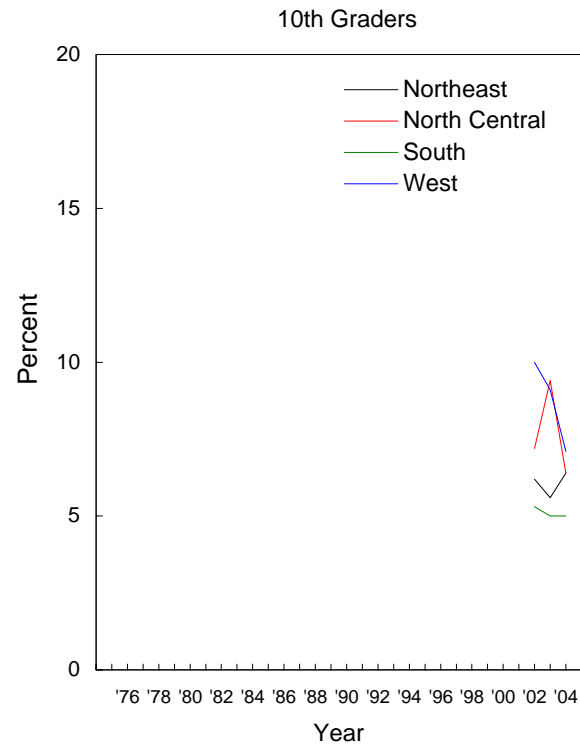
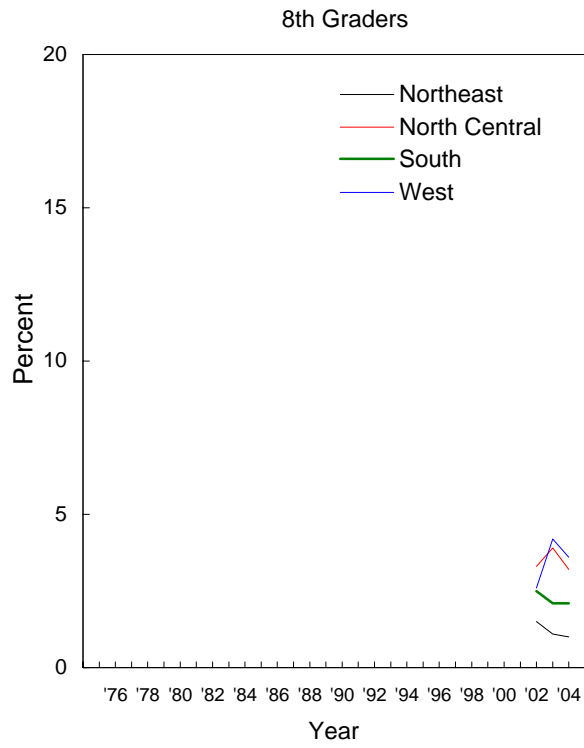
Vicodin: Trends in Annual Prevalence by Gender



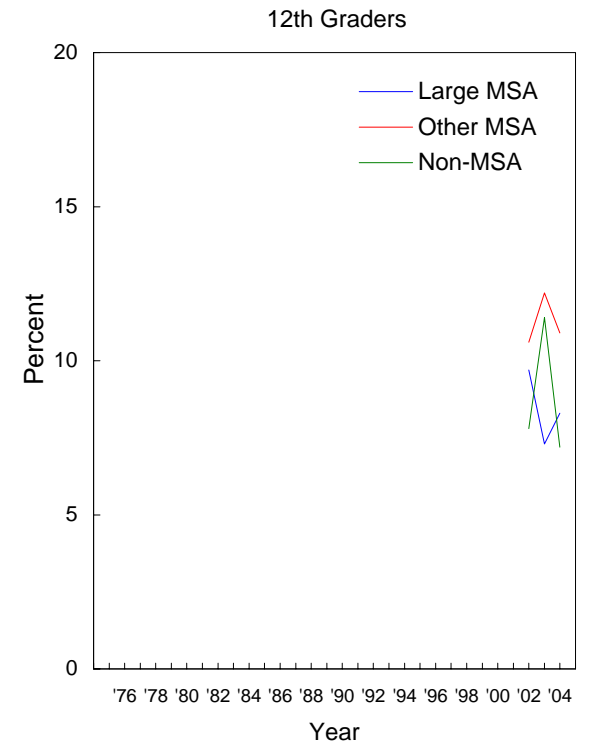
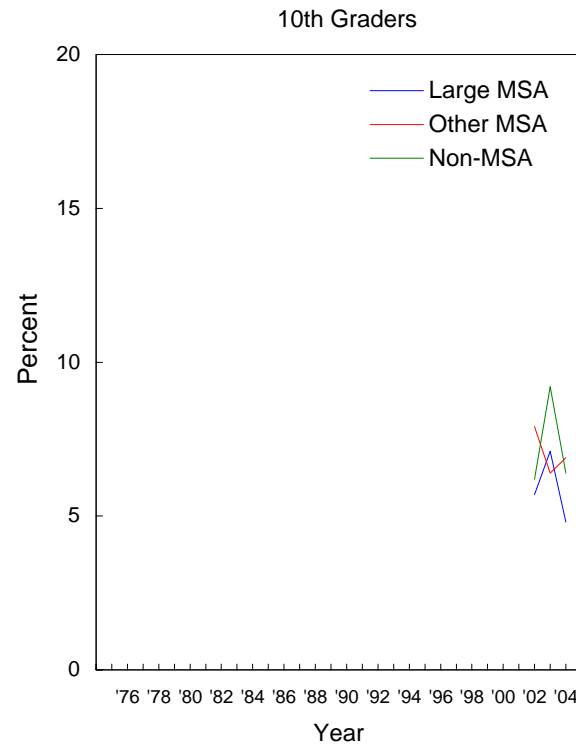
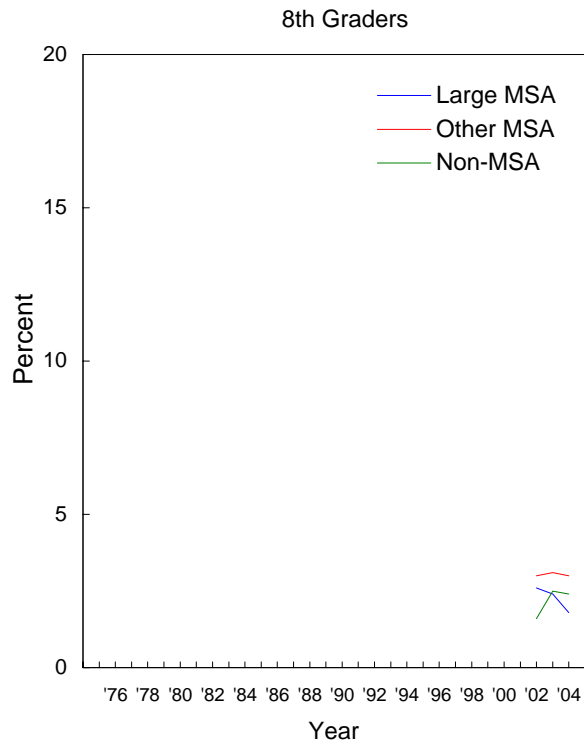
Vicodin: Trends in Annual Prevalence by College Plans



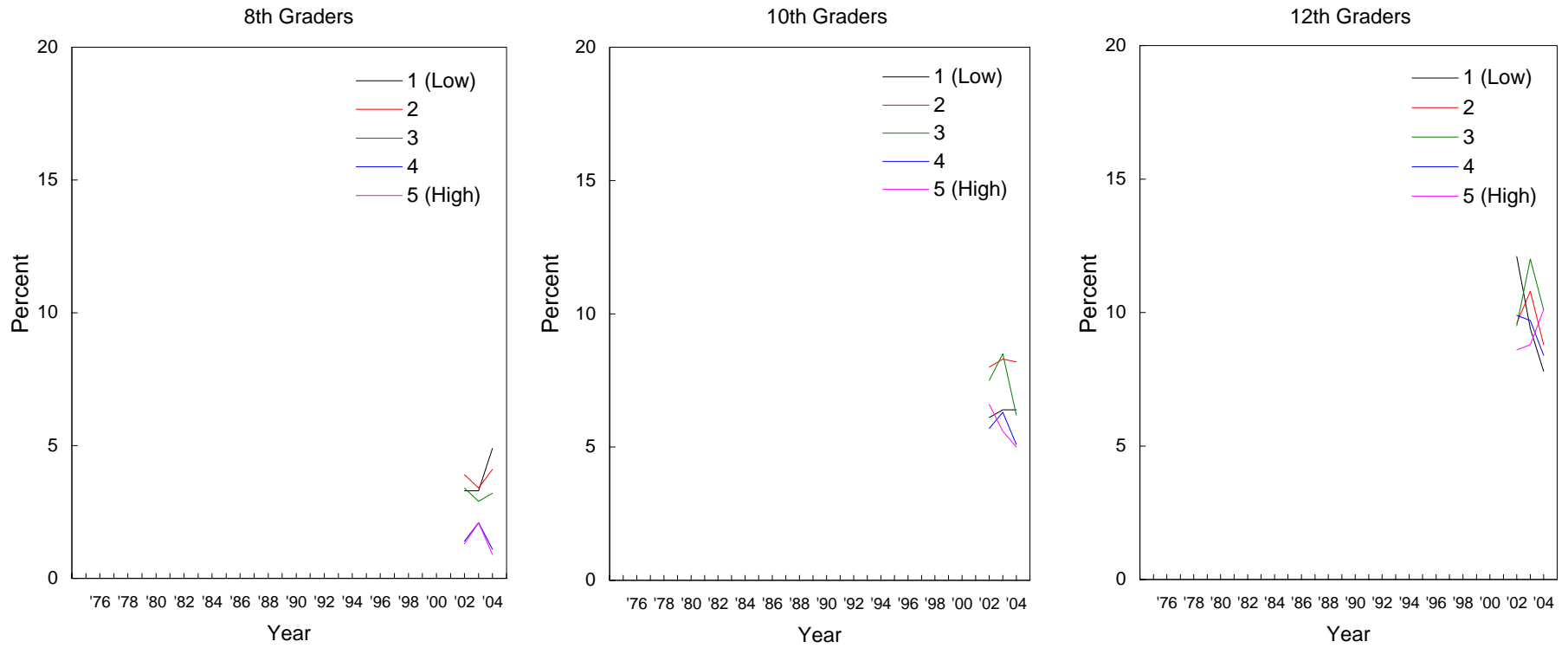
Vicodin: Trends in Annual Prevalence by Region



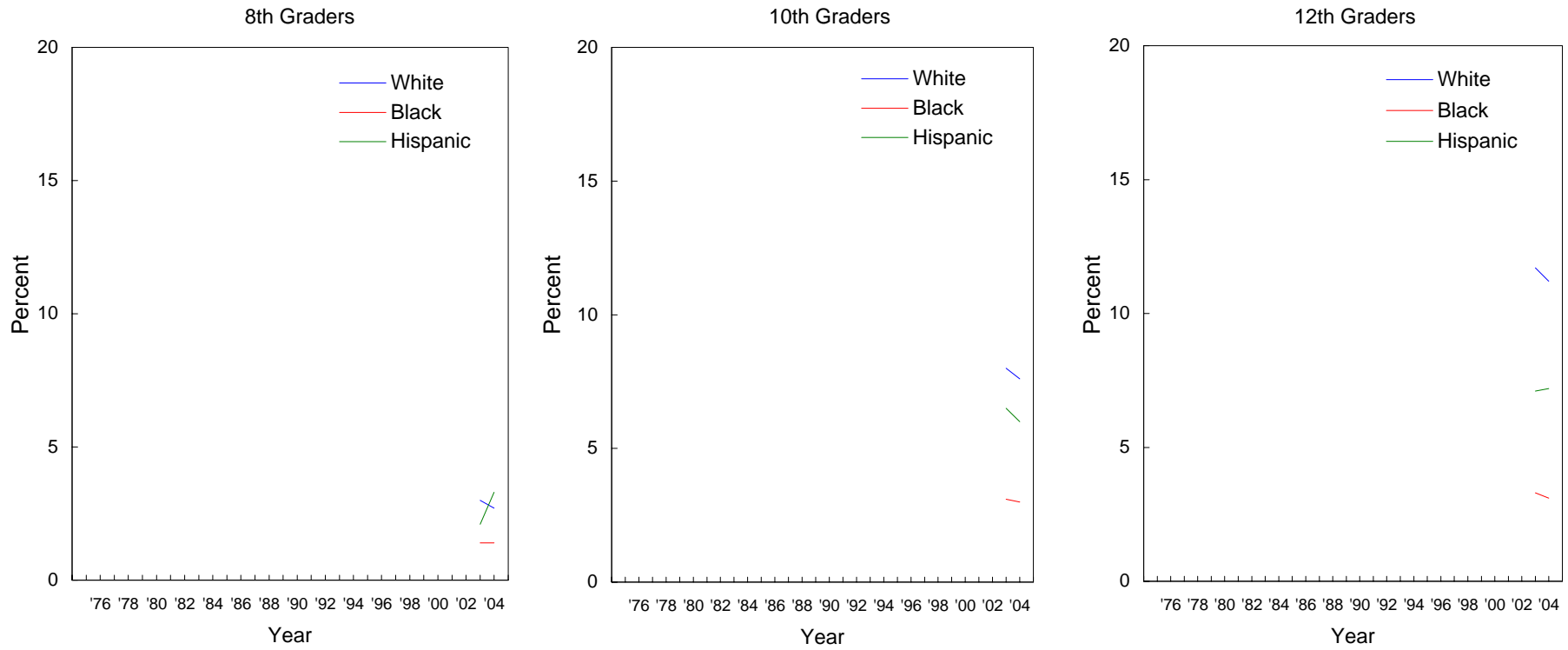
Vicodin: Trends in Annual Prevalence by Population Density



Vicodin: Trends in Annual Prevalence by Parents' Average Education

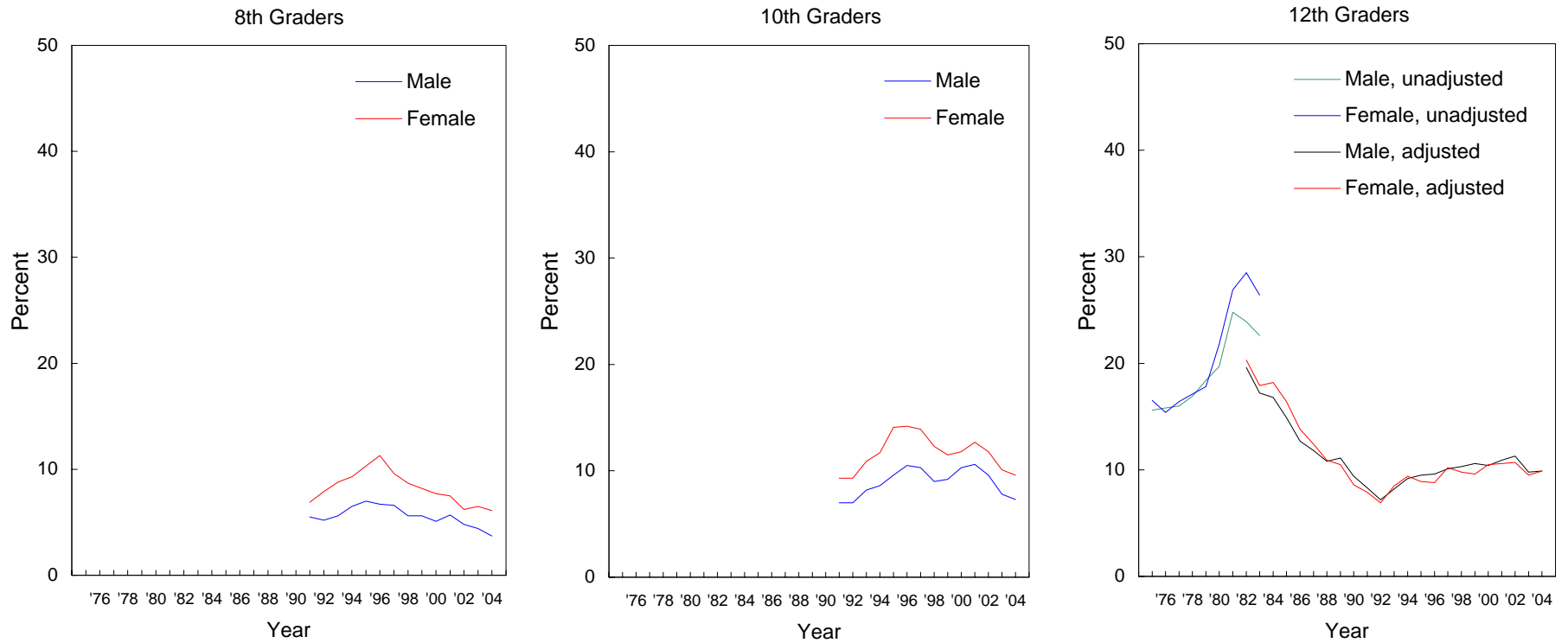


Vicodin: Trends in Annual Prevalence by Race/Ethnicity*



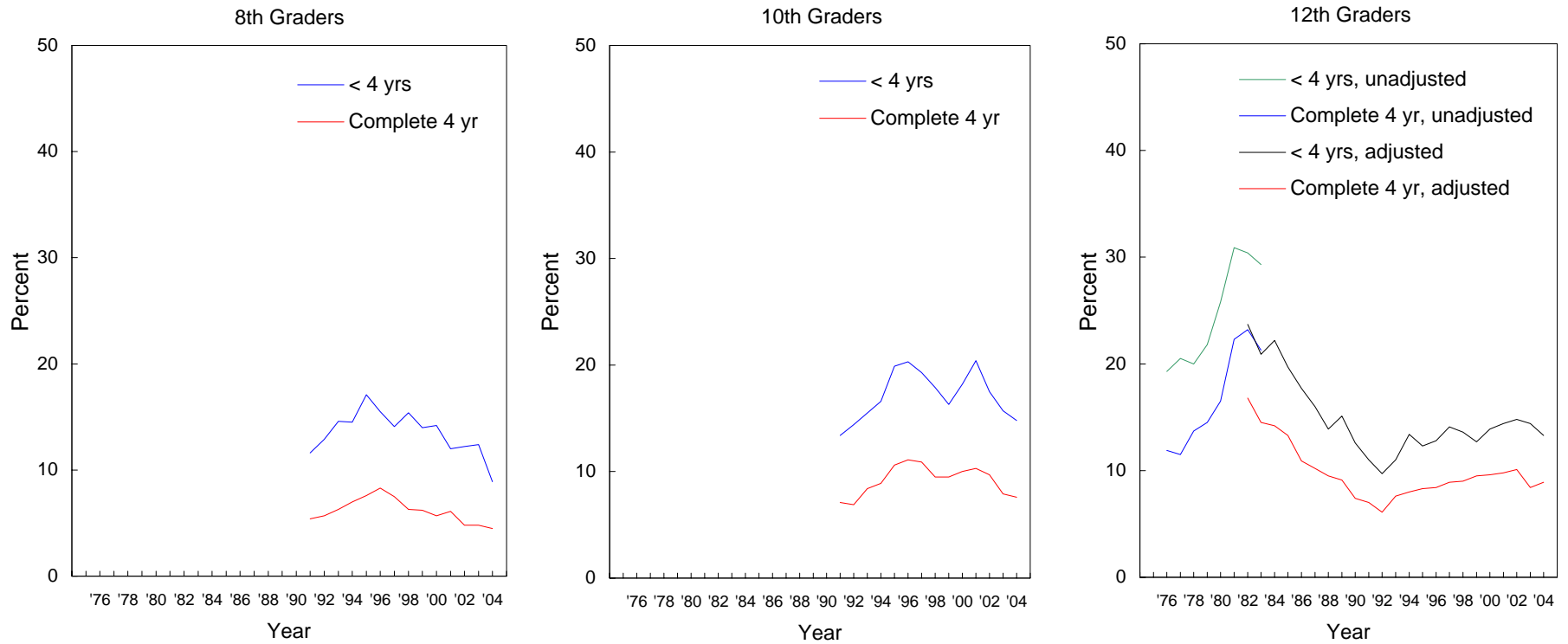
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Amphetamines:* Trends in Annual Prevalence by Gender



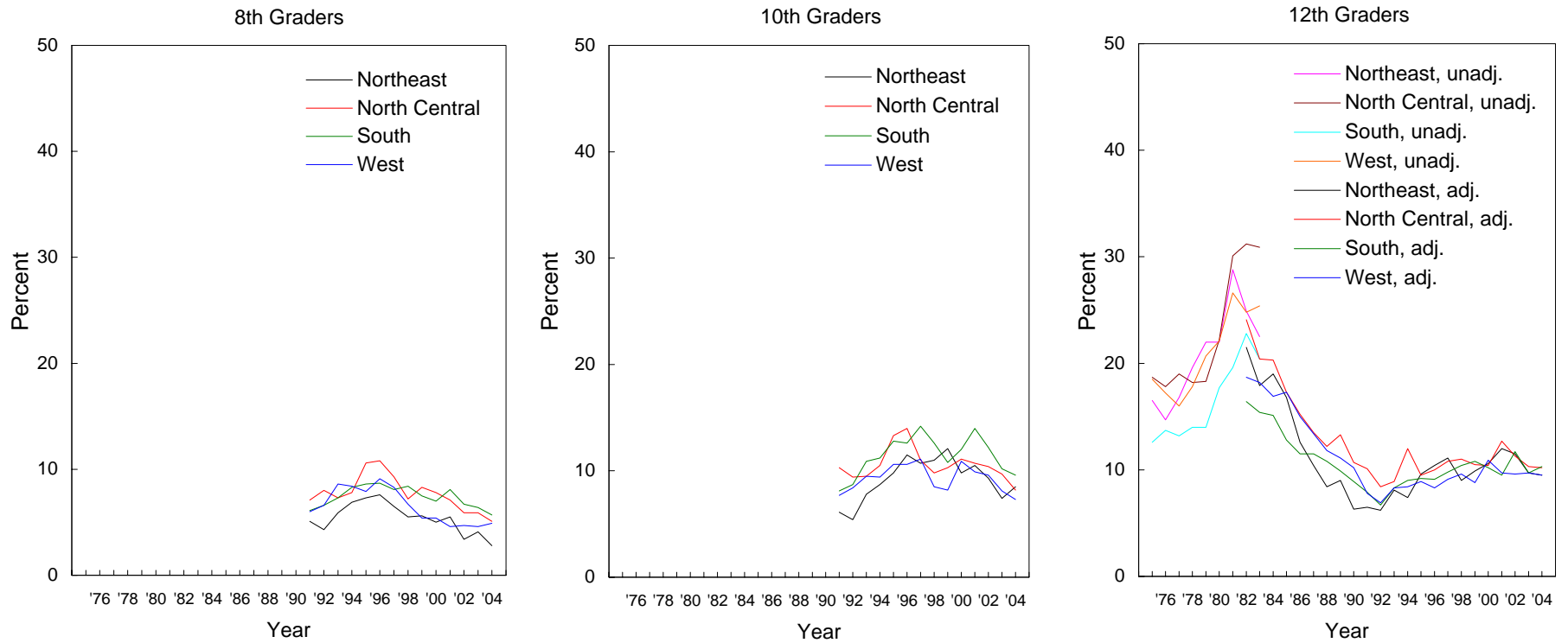
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines:* Trends in Annual Prevalence by College Plans



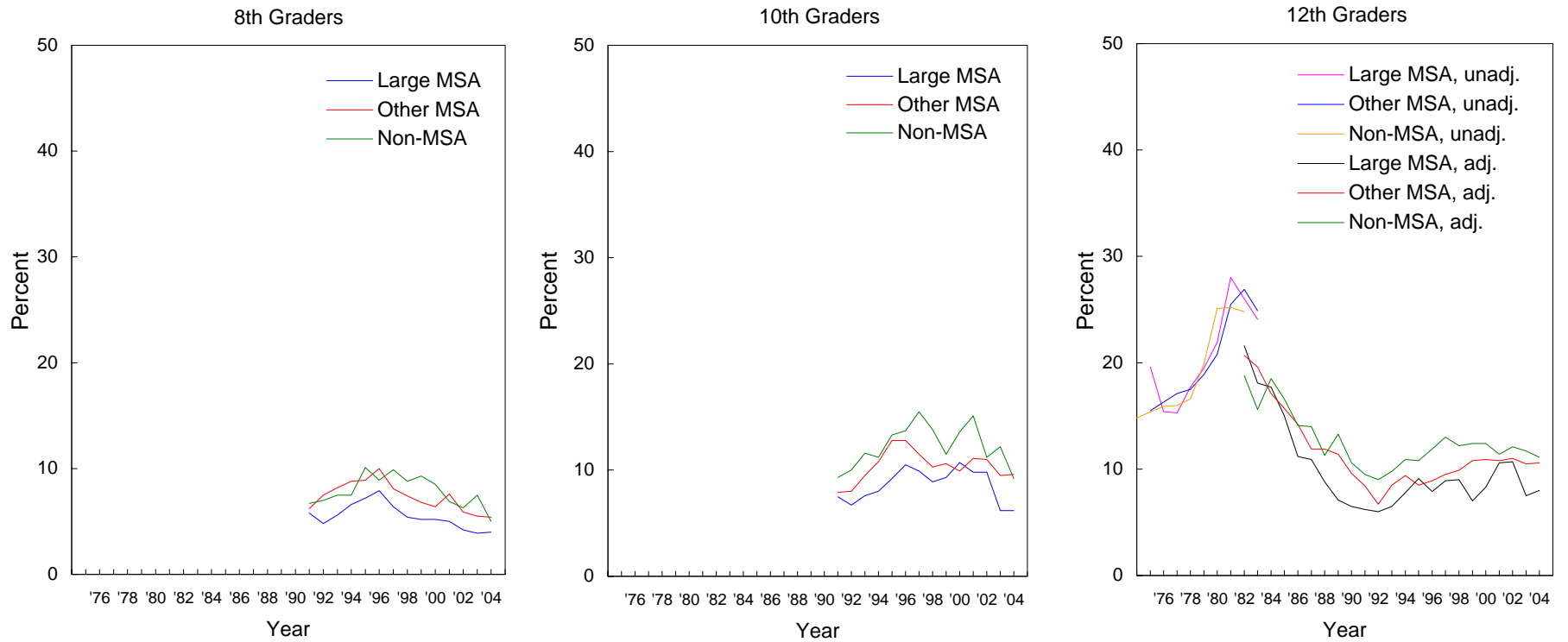
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines:* Trends in Annual Prevalence by Region



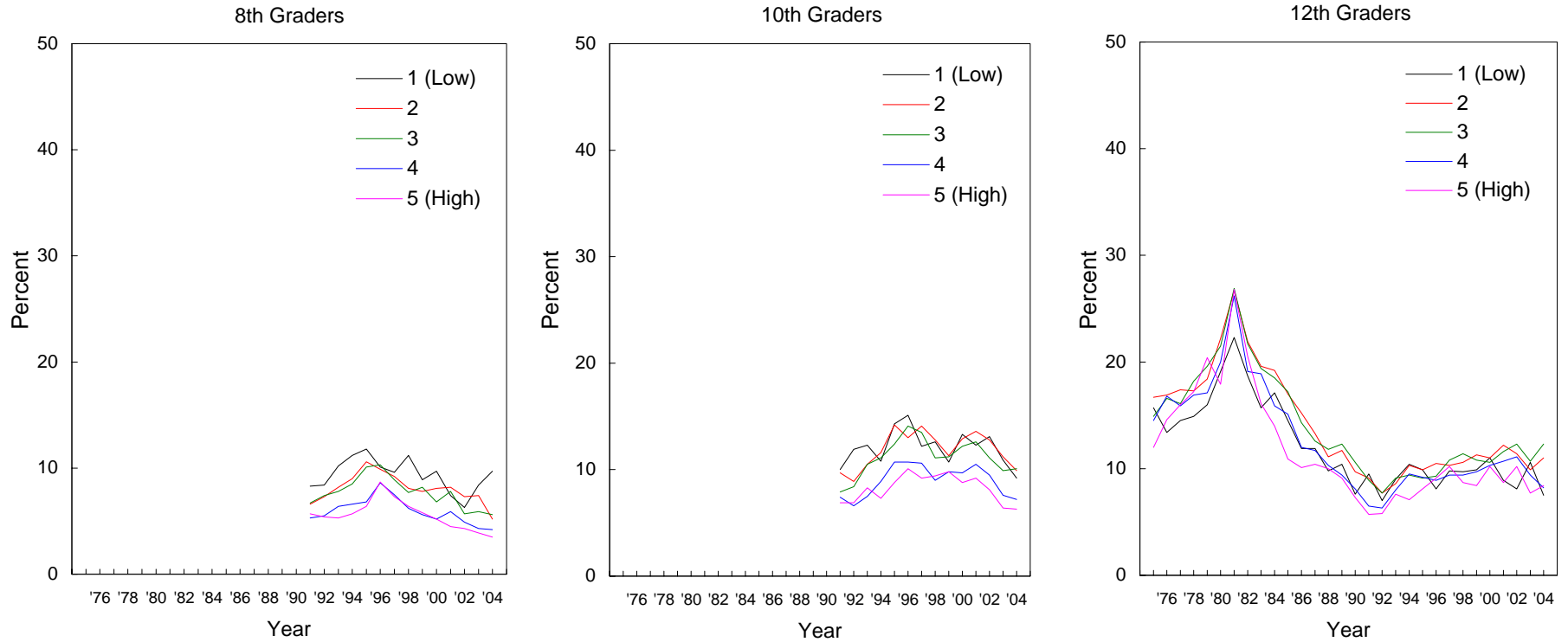
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines:* Trends in Annual Prevalence by Population Density



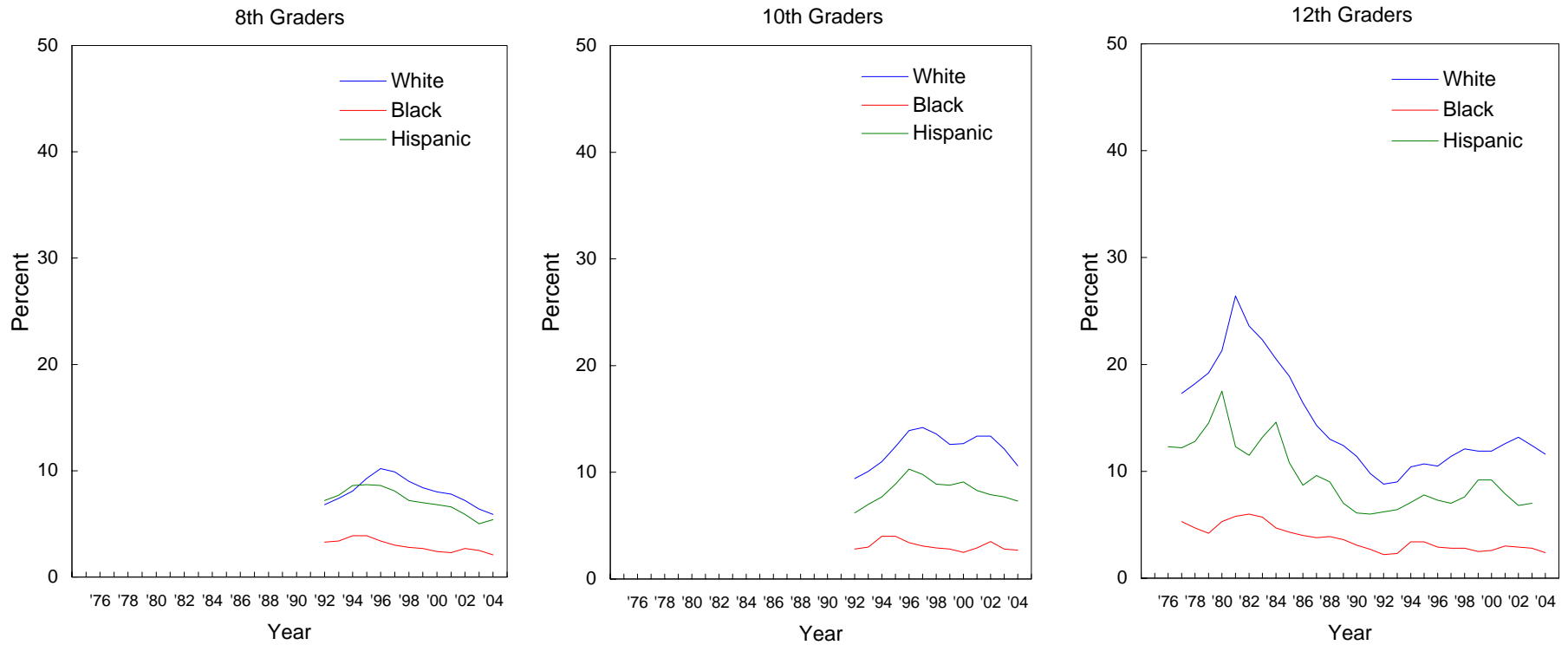
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

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.

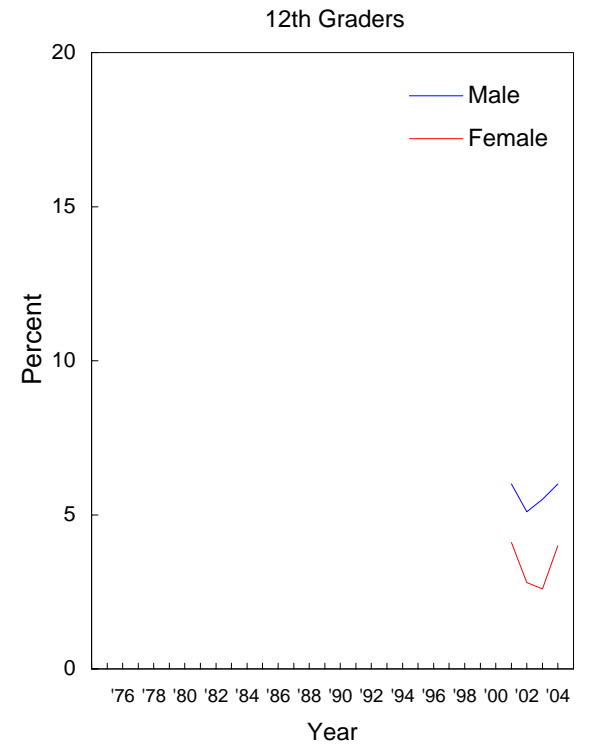
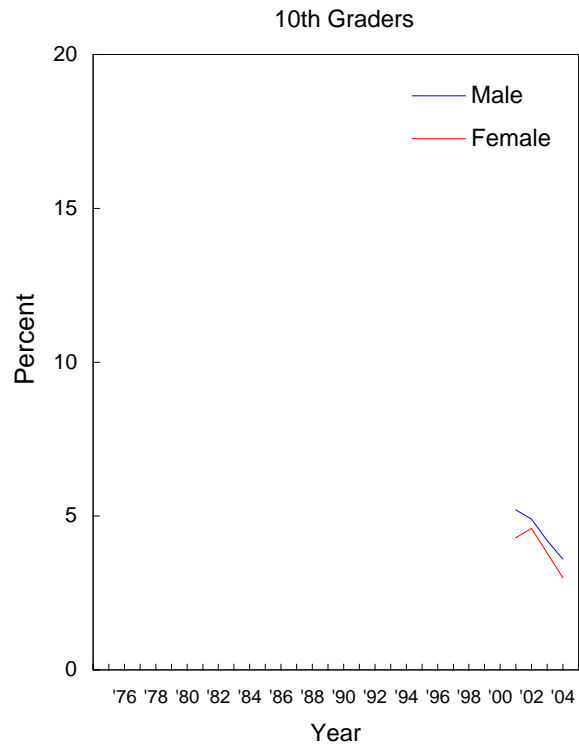
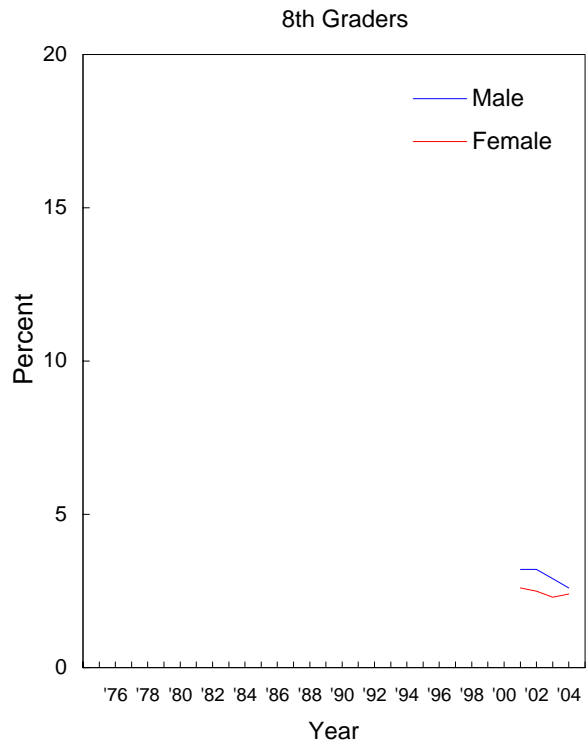
Amphetamines:* Trends in Annual Prevalence by Race/Ethnicity**



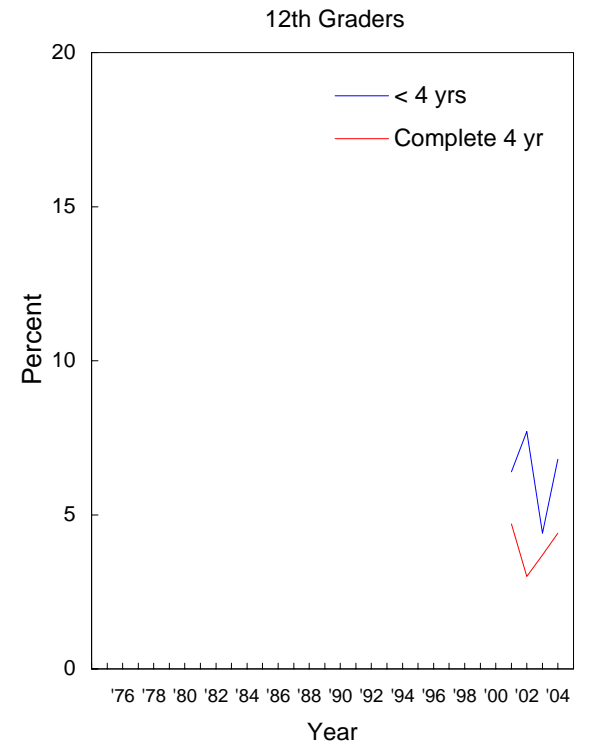
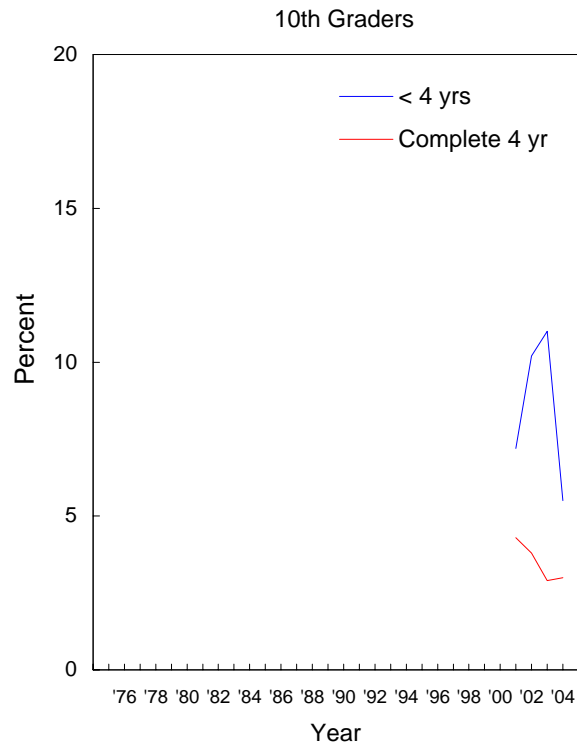
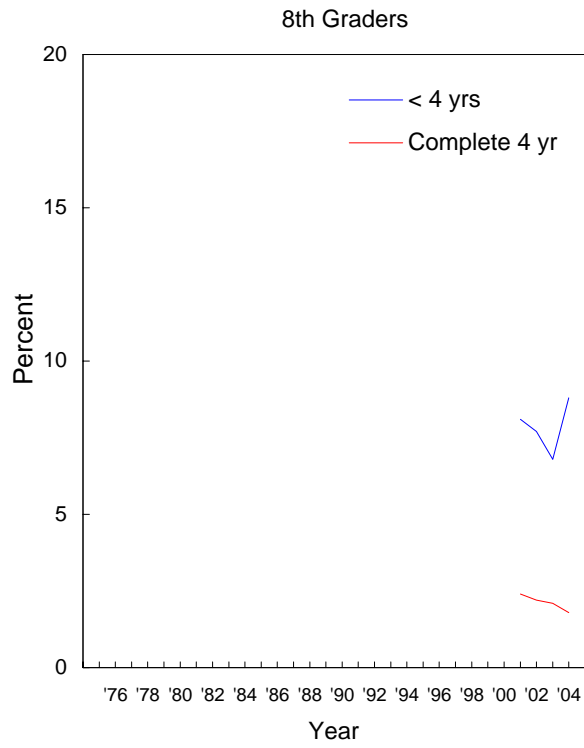
*After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

**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).

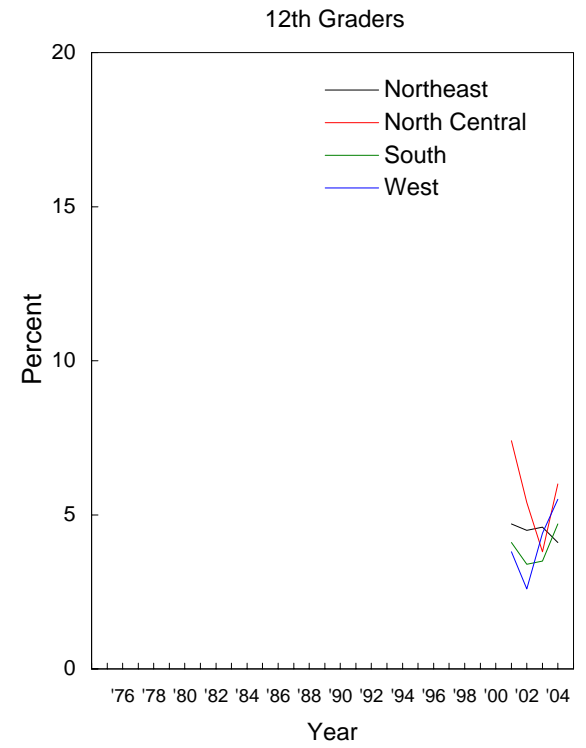
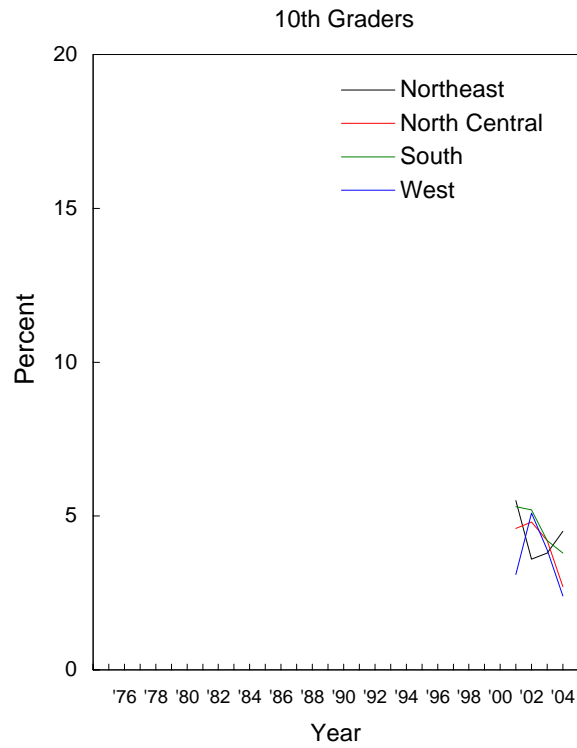
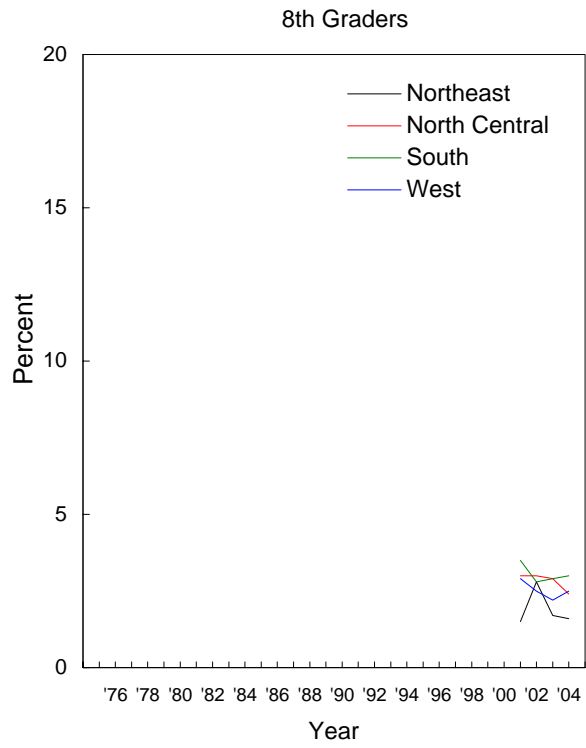
Ritalin: Trends in Annual Prevalence by Gender



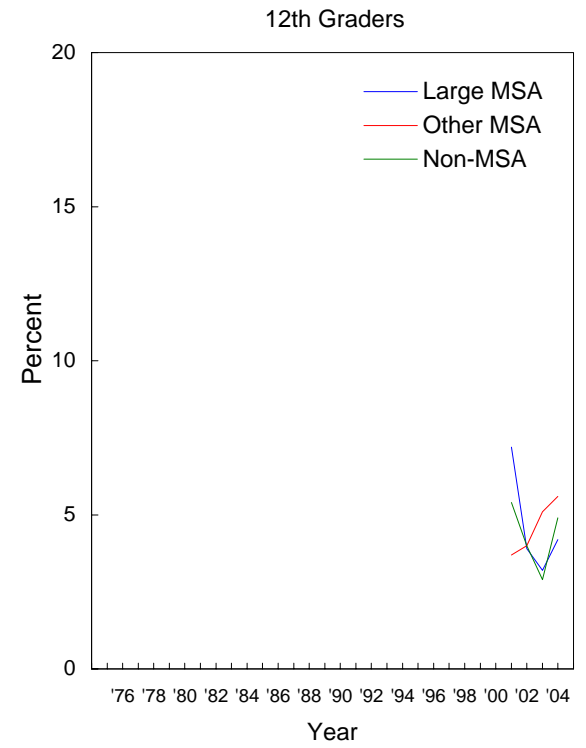
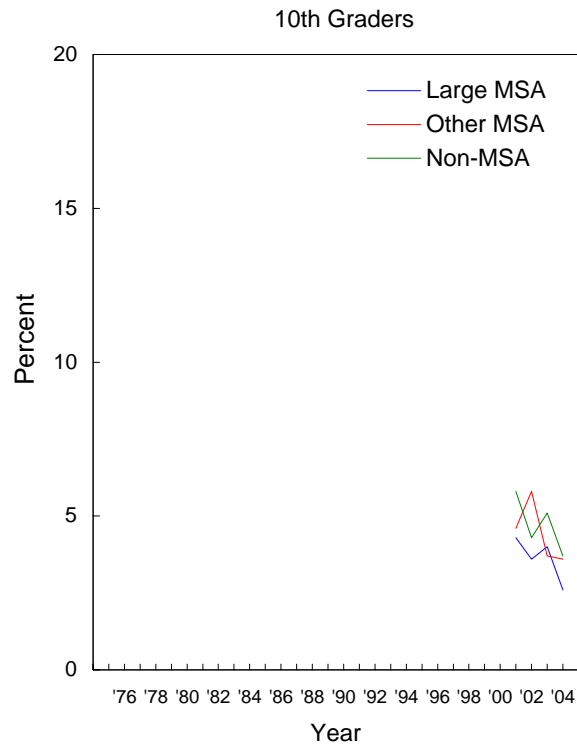
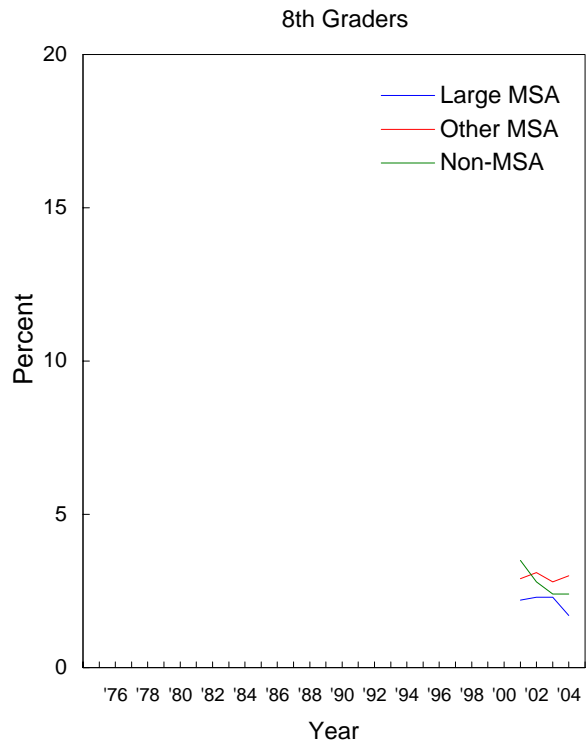
Ritalin: Trends in Annual Prevalence by College Plans



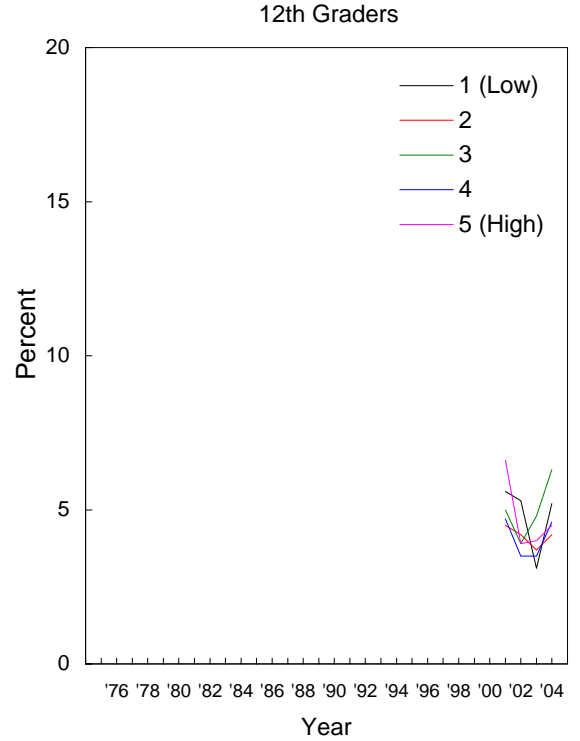
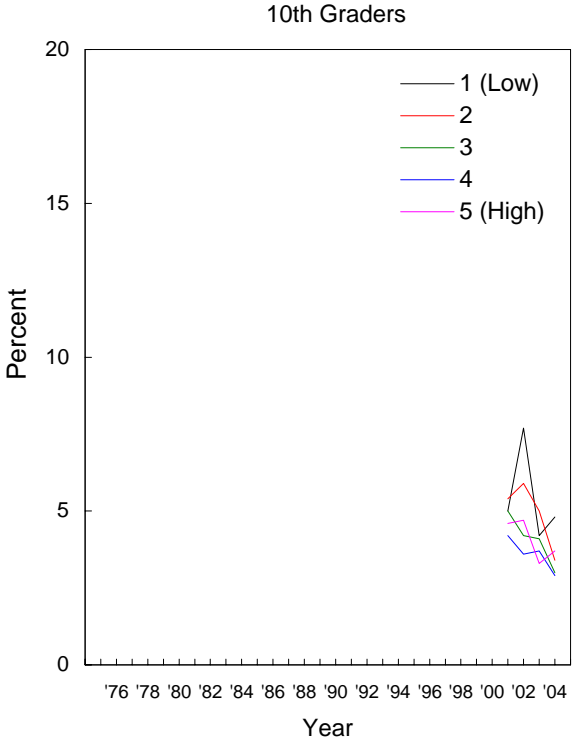
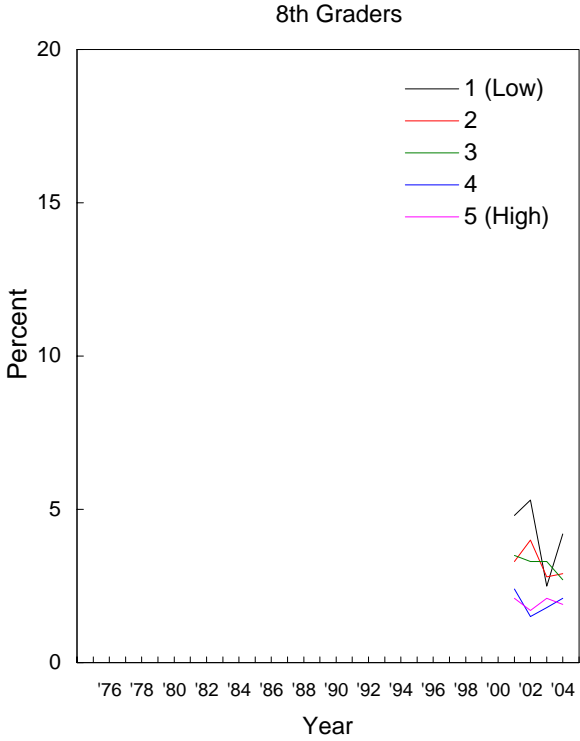
Ritalin: Trends in Annual Prevalence by Region



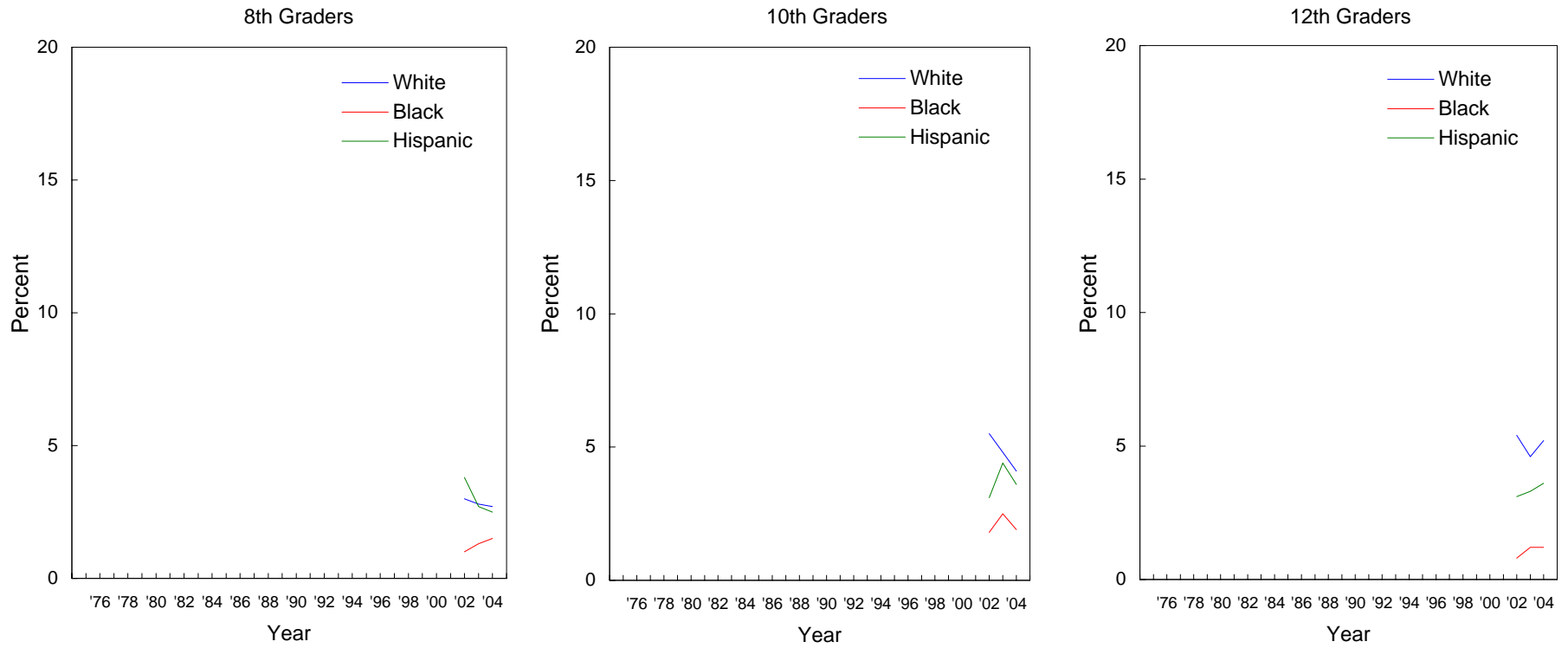
Ritalin: Trends in Annual Prevalence by Population Density



Ritalin: Trends in Annual Prevalence by Parents' Average Education

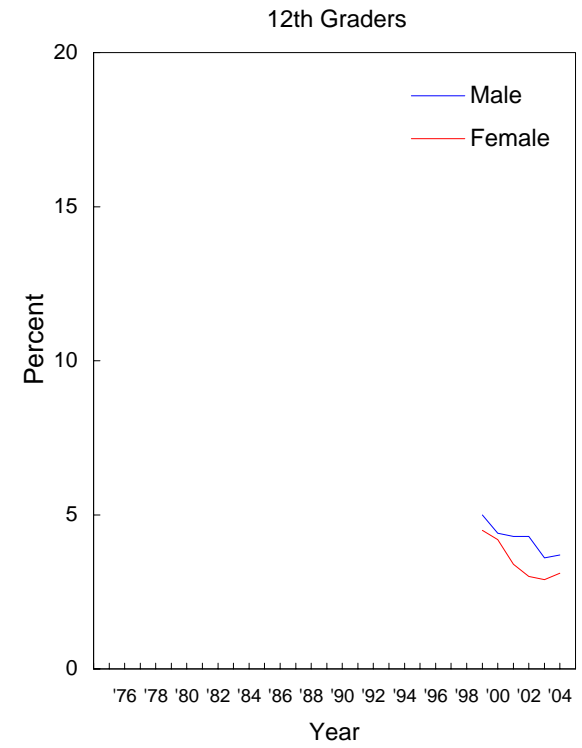
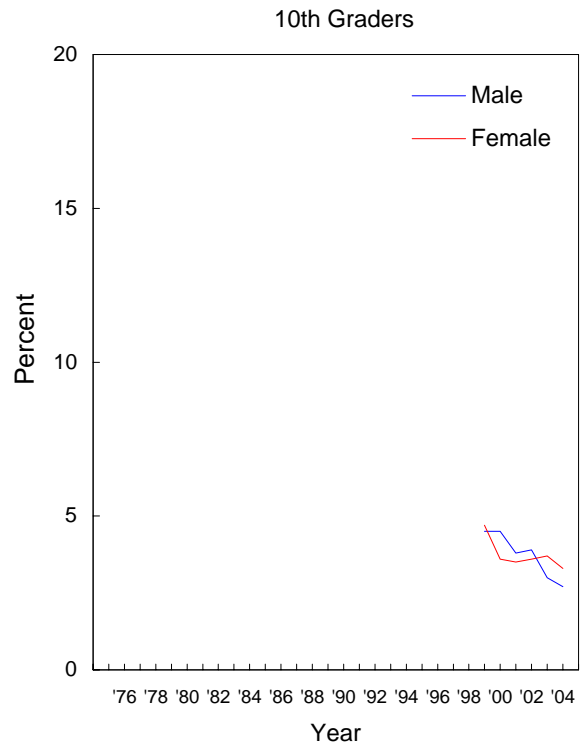
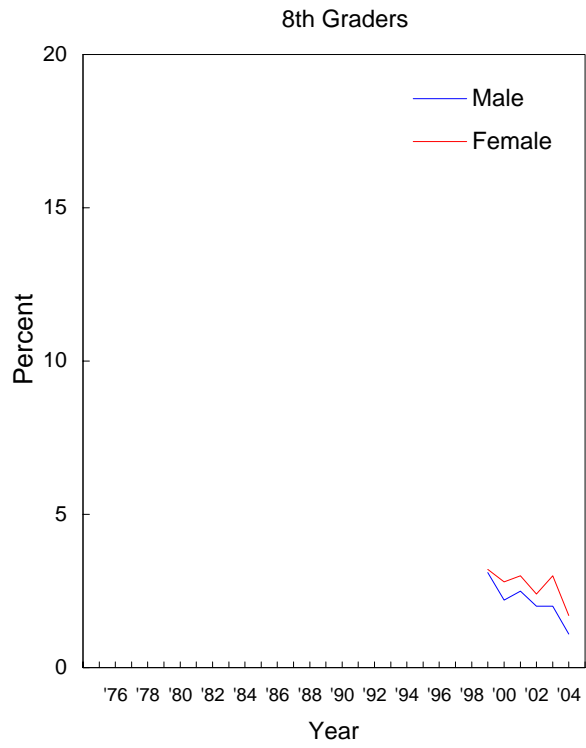


Ritalin: Trends in Annual Prevalence by Race/Ethnicity*

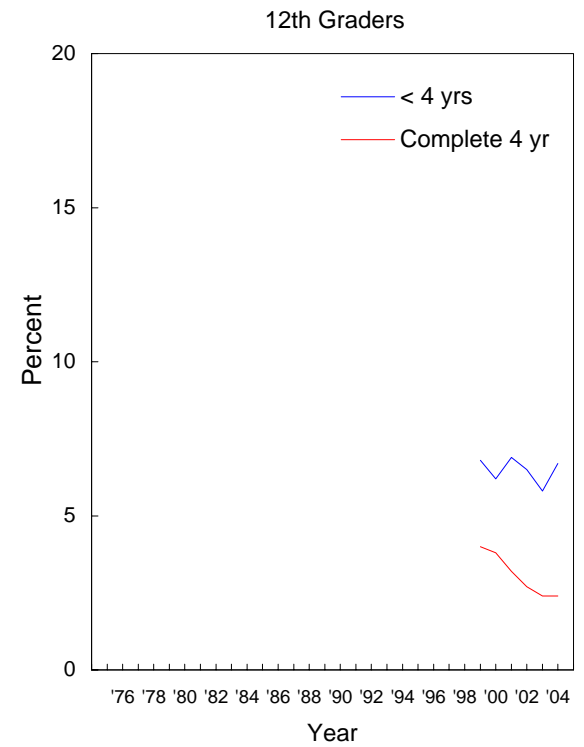
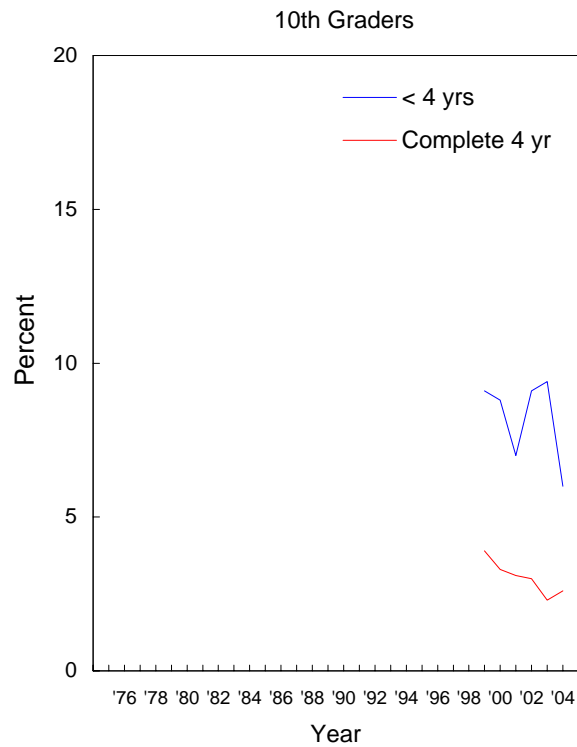
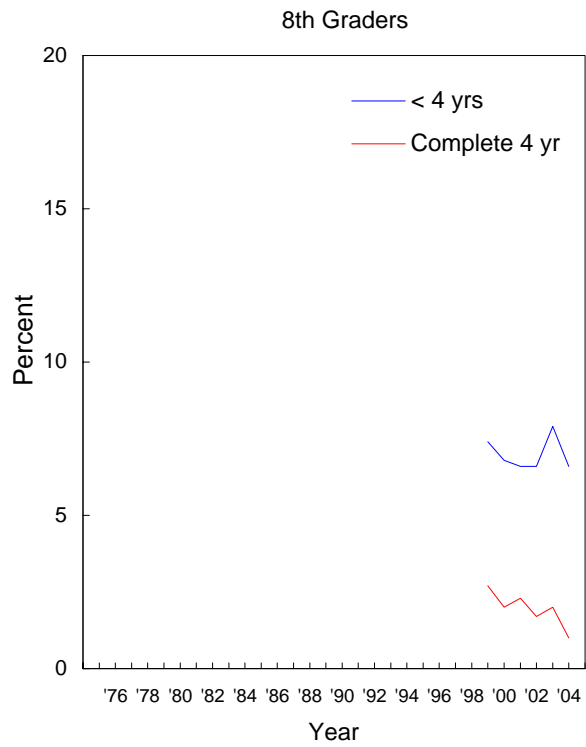


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

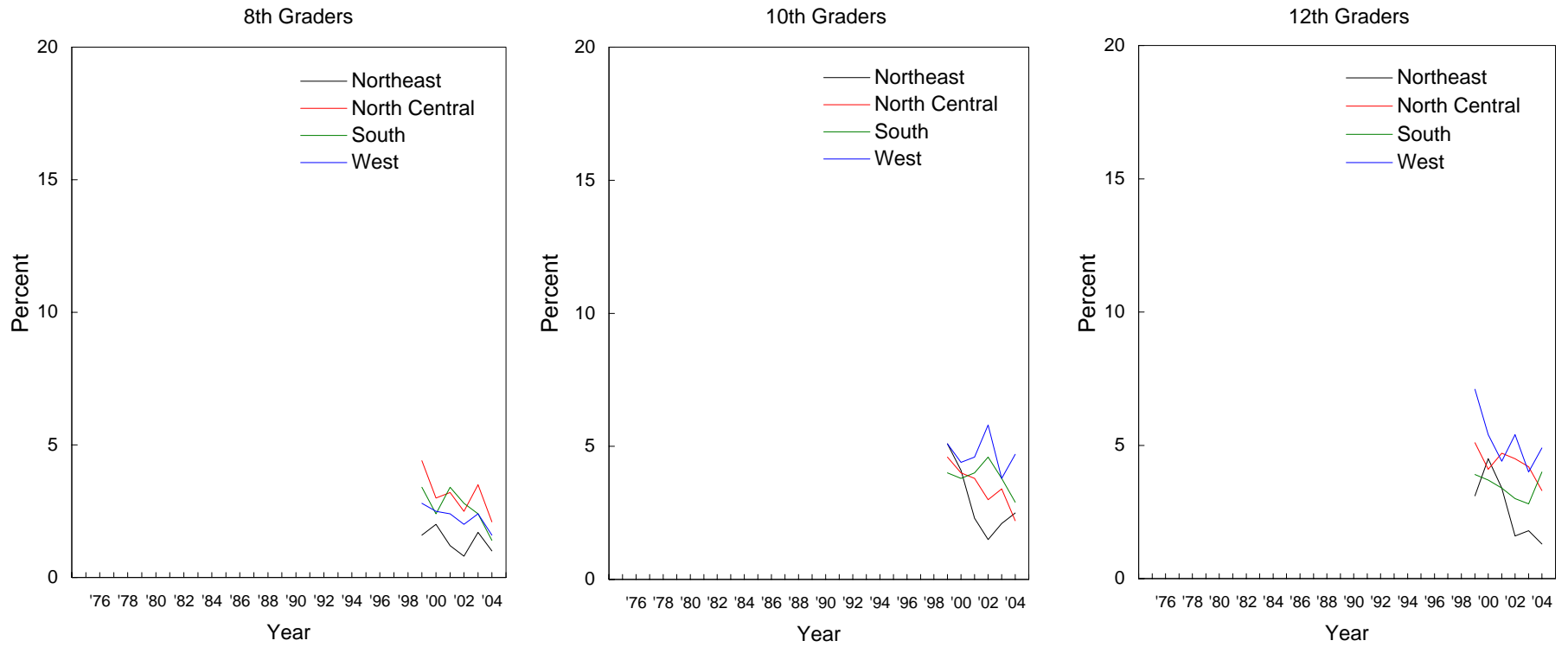
Methamphetamine: Trends in Annual Prevalence by Gender



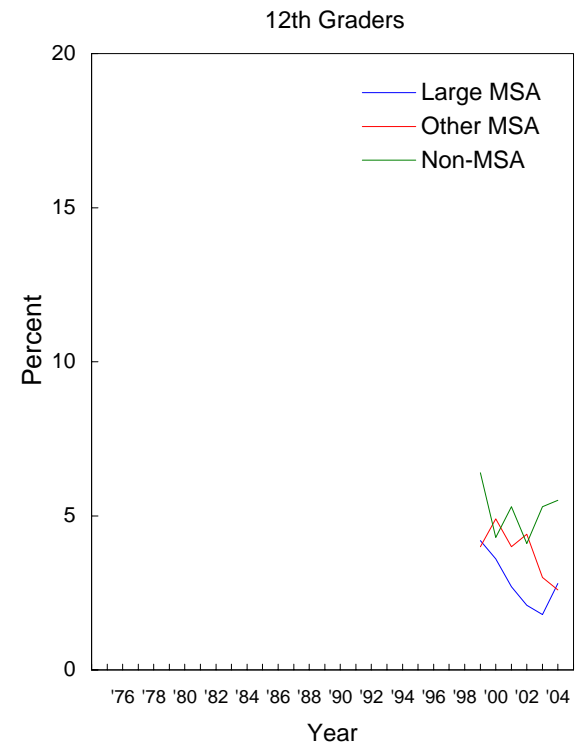
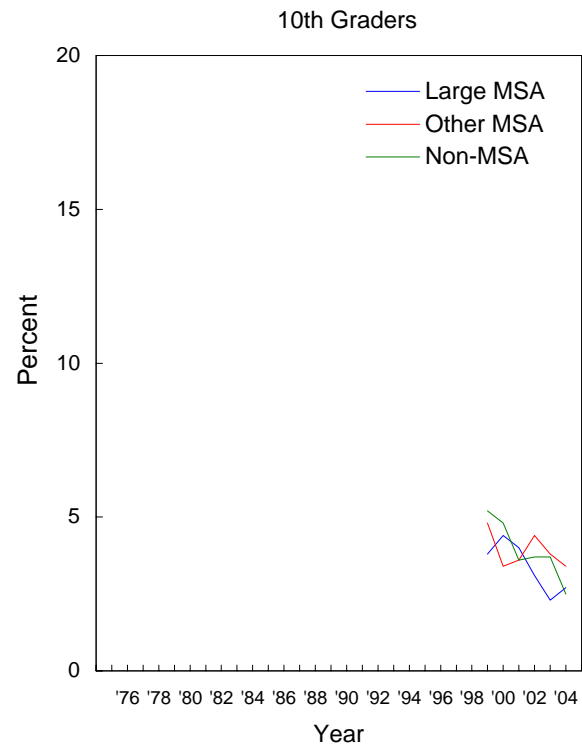
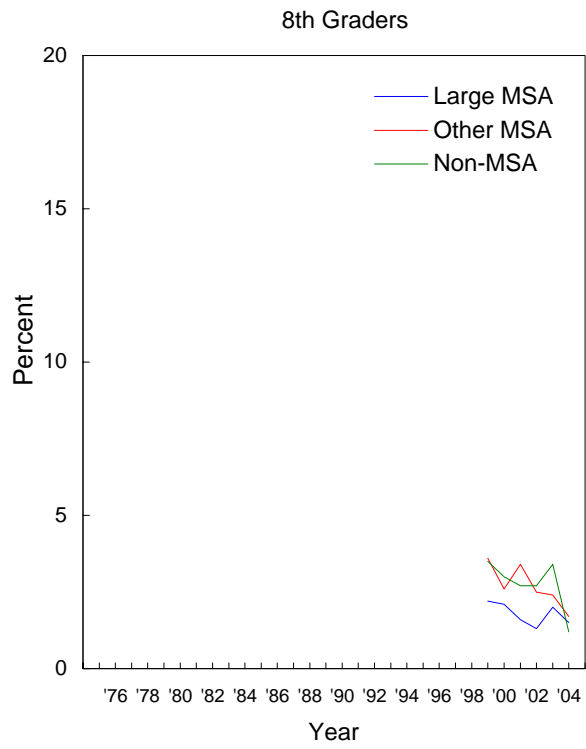
Methamphetamine: Trends in Annual Prevalence by College Plans



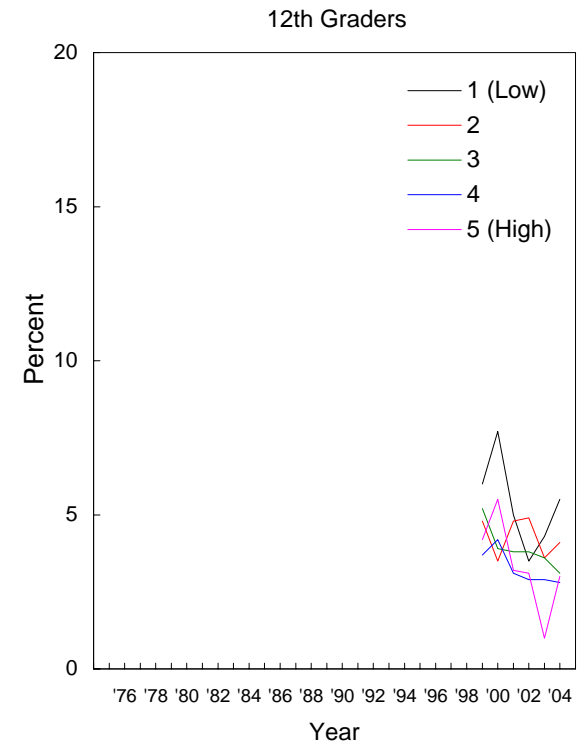
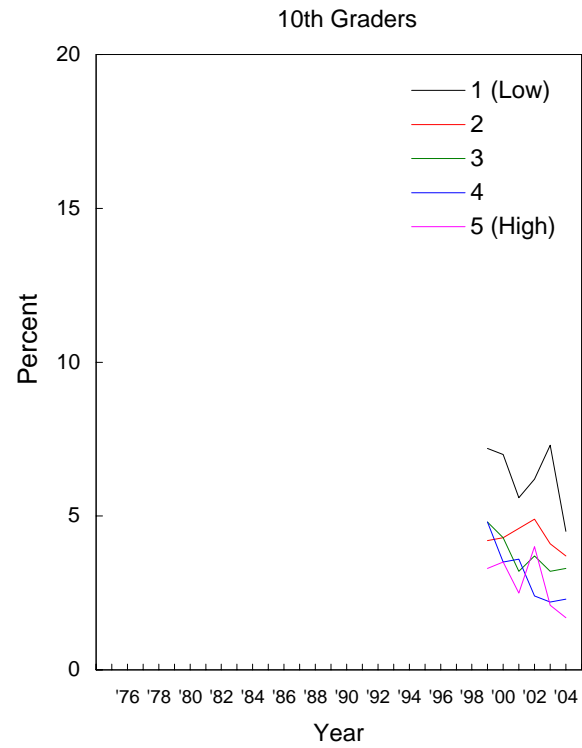
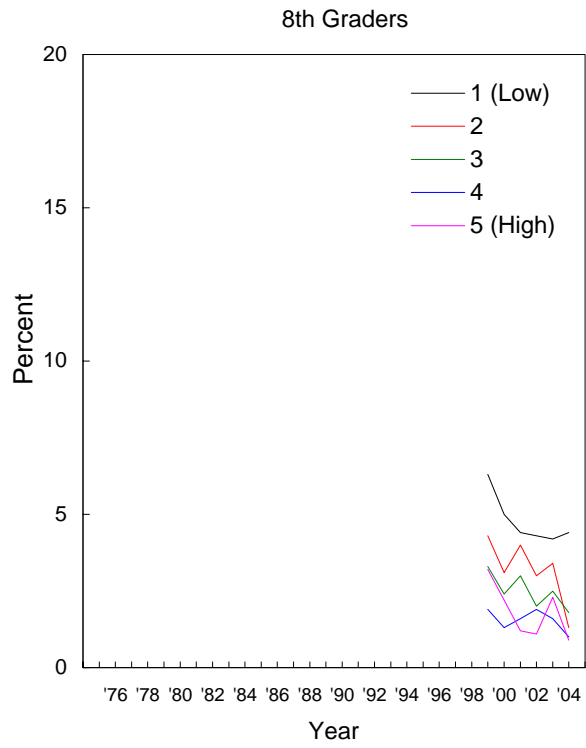
Methamphetamine: Trends in Annual Prevalence by Region



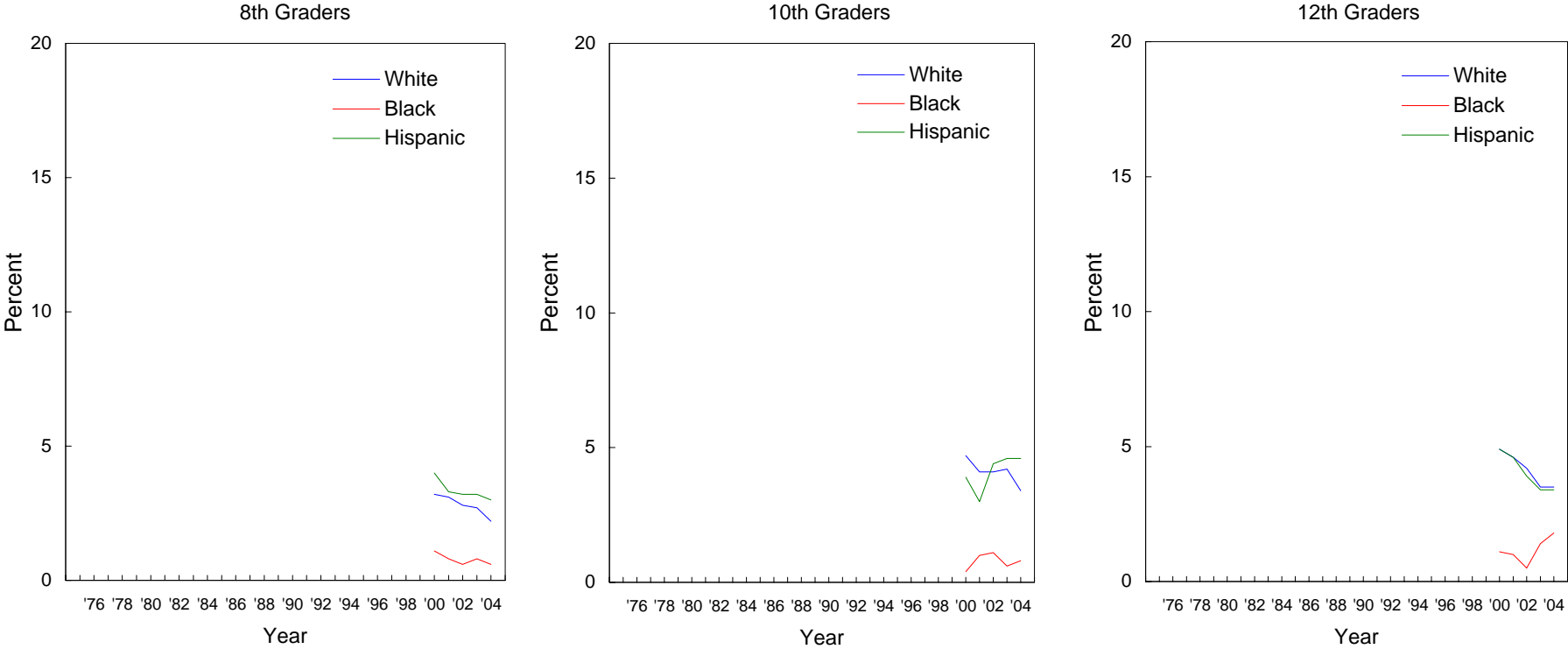
Methamphetamine: Trends in Annual Prevalence by Population Density



Methamphetamine: Trends in Annual Prevalence by Parents' Average Education

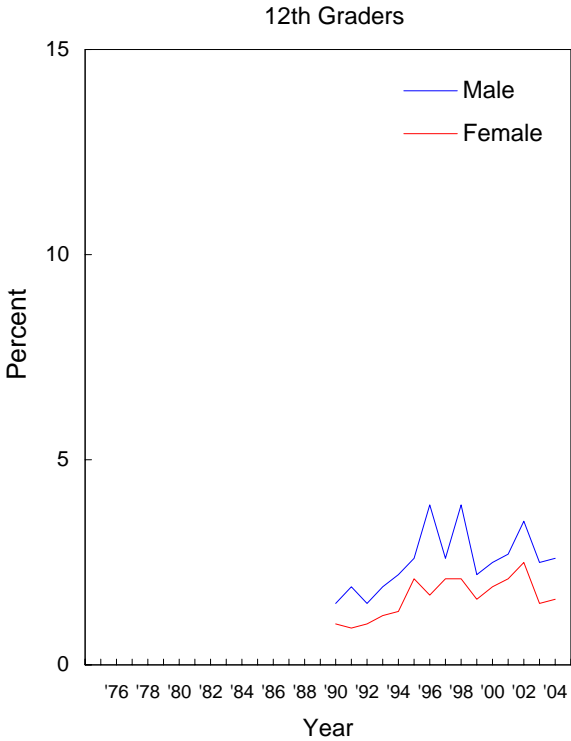


Methamphetamine: Trends in Annual Prevalence by Race/Ethnicity*

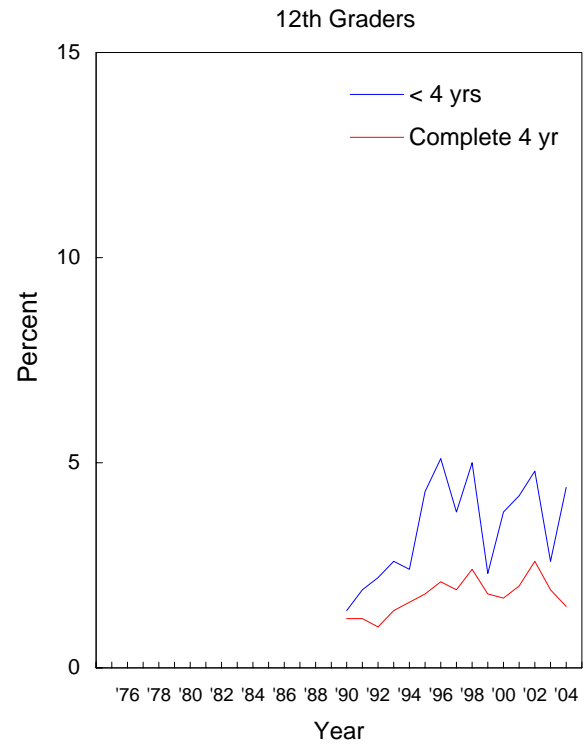


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

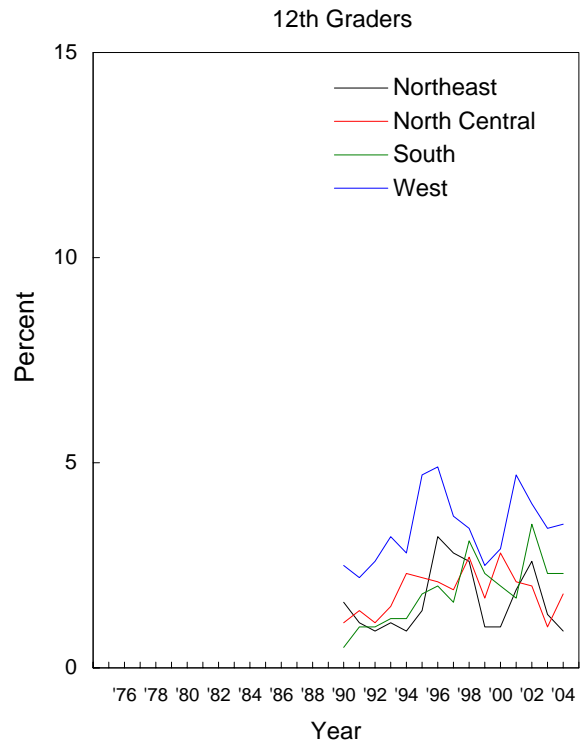
Ice: Trends in Annual Prevalence by Gender



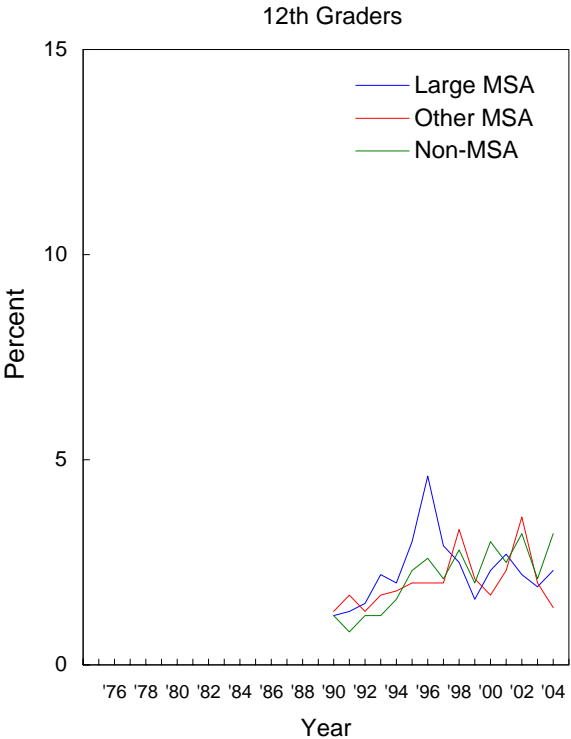
Ice: Trends in Annual Prevalence by College Plans



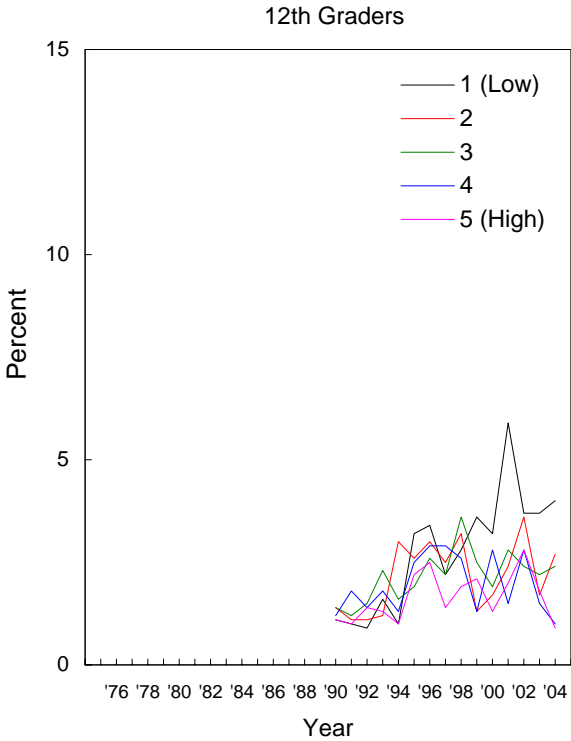
Ice: Trends in Annual Prevalence by Region



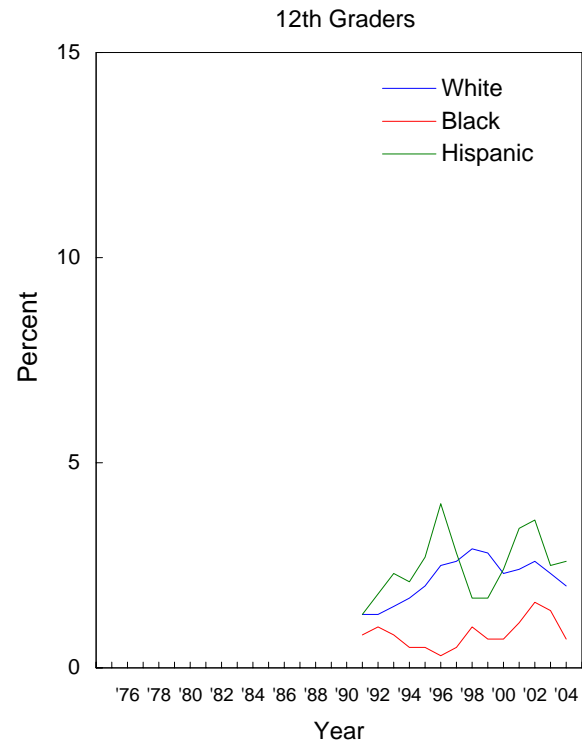
Ice: Trends in Annual Prevalence by Population Density



Ice: Trends in Annual Prevalence by Parents' Average Education

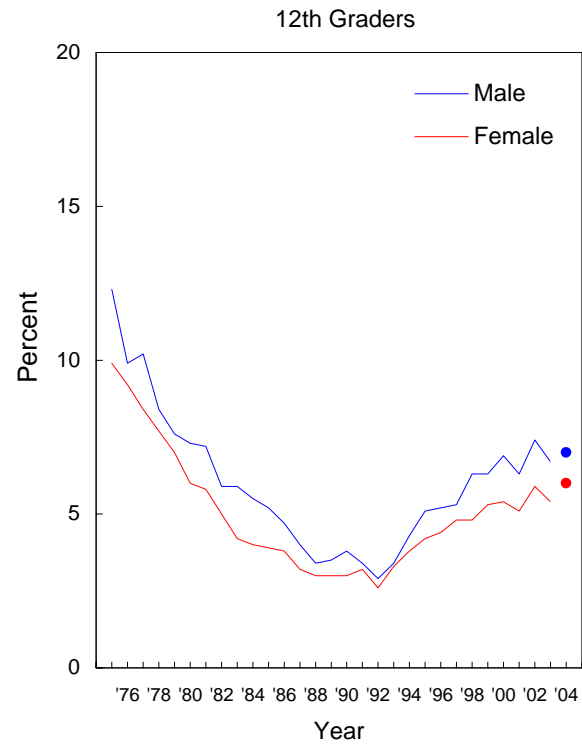


Ice: Trends in Annual Prevalence by Race/Ethnicity*



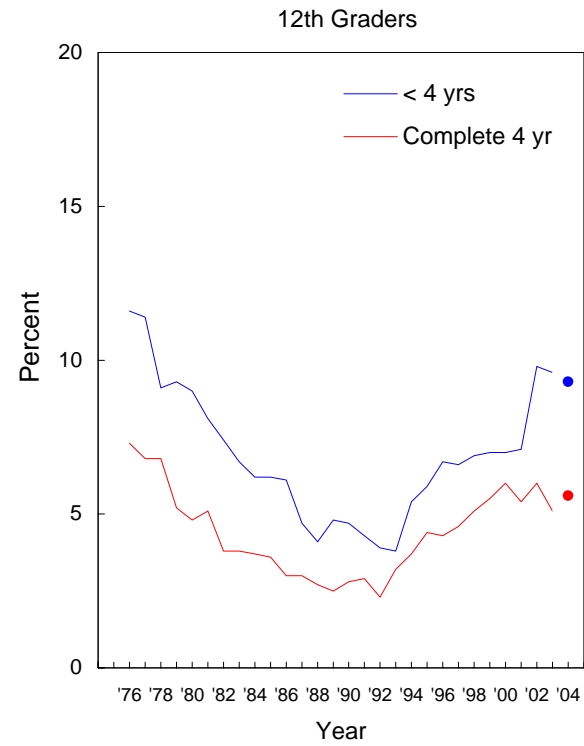
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

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



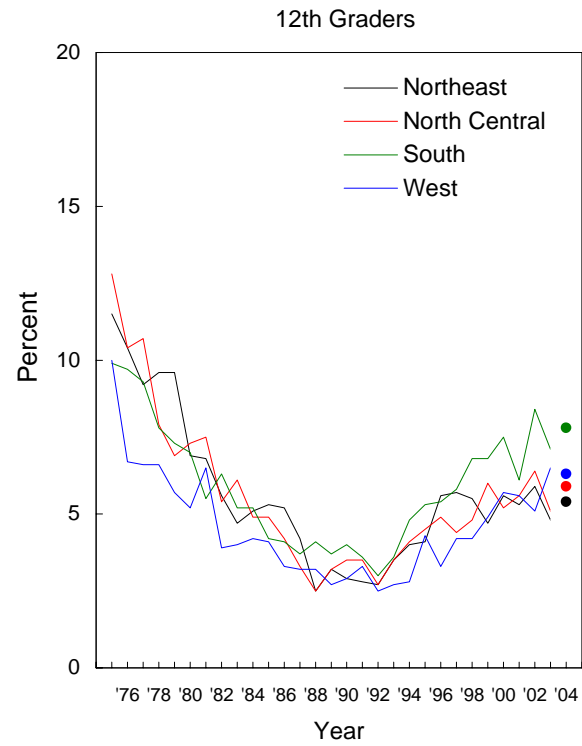
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

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



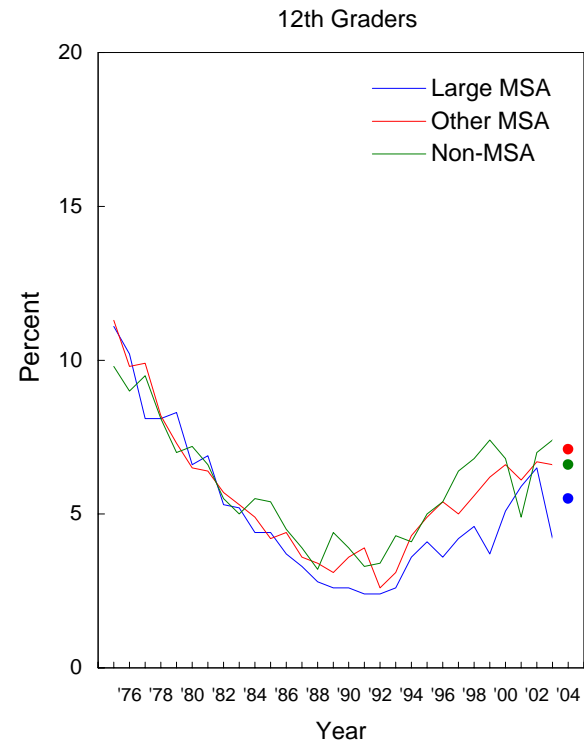
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

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



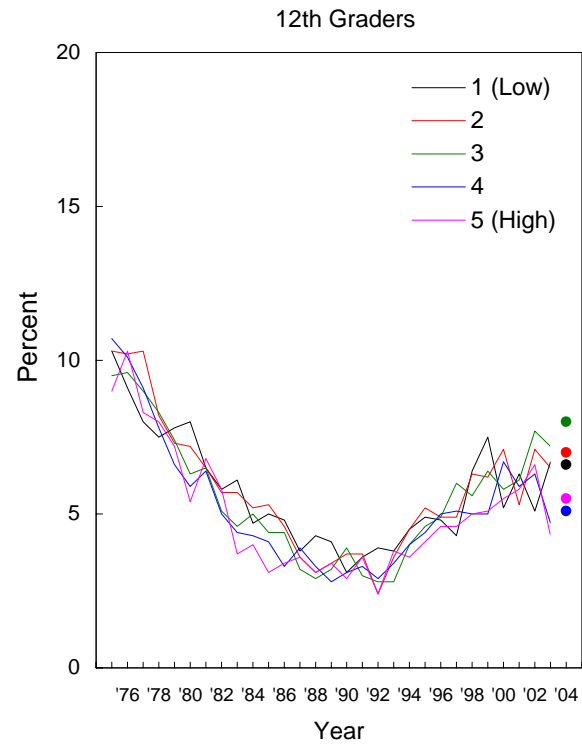
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

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



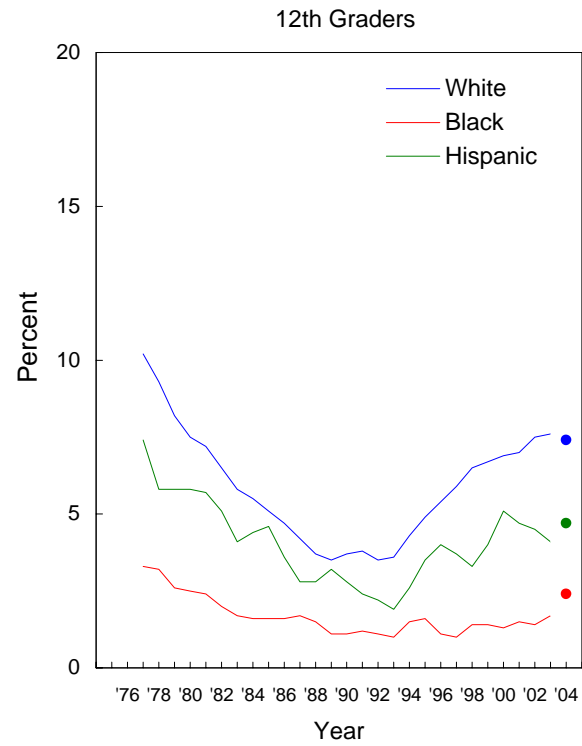
*Beginning in 2004, a revised set of questions on sedatives (barbiturates) was introduced. Refer to corresponding tables for further details.

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.

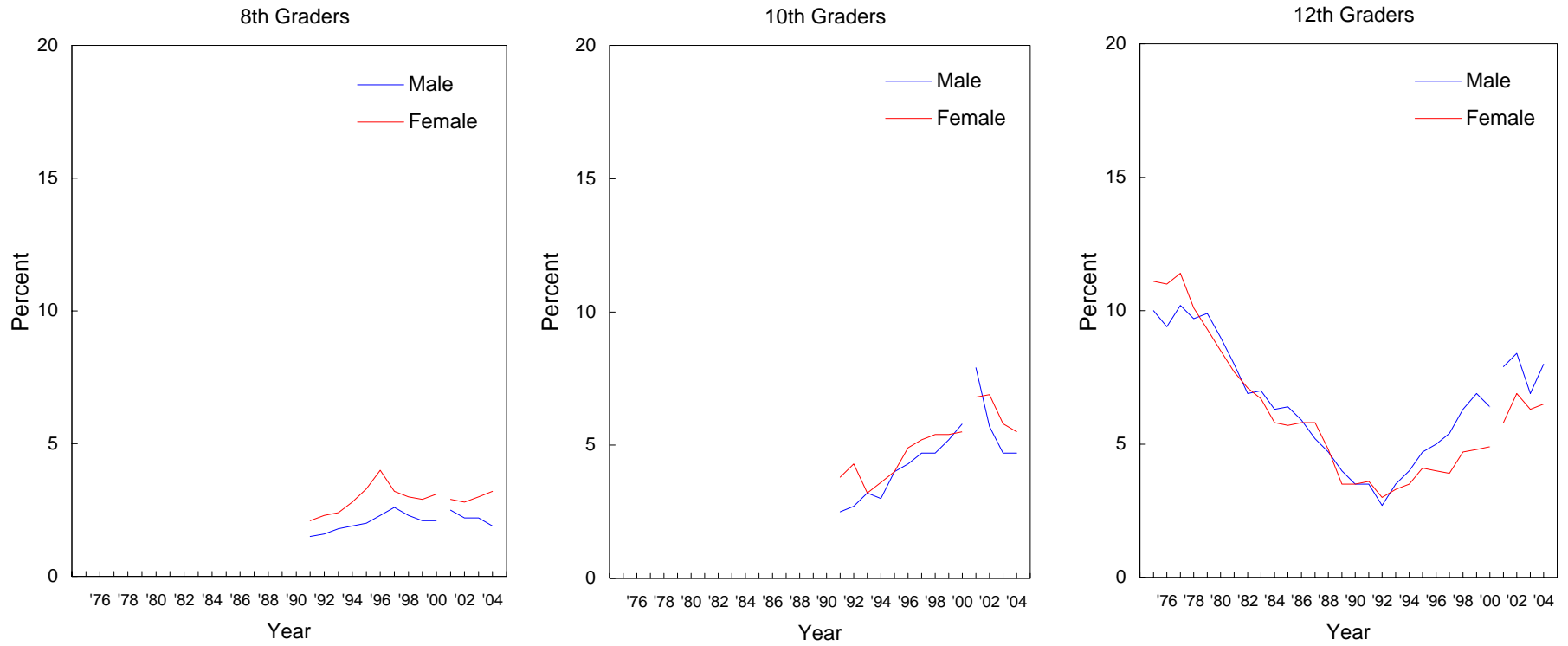
Sedatives (Barbiturates):* Trends in Annual Prevalence by Race/Ethnicity**



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

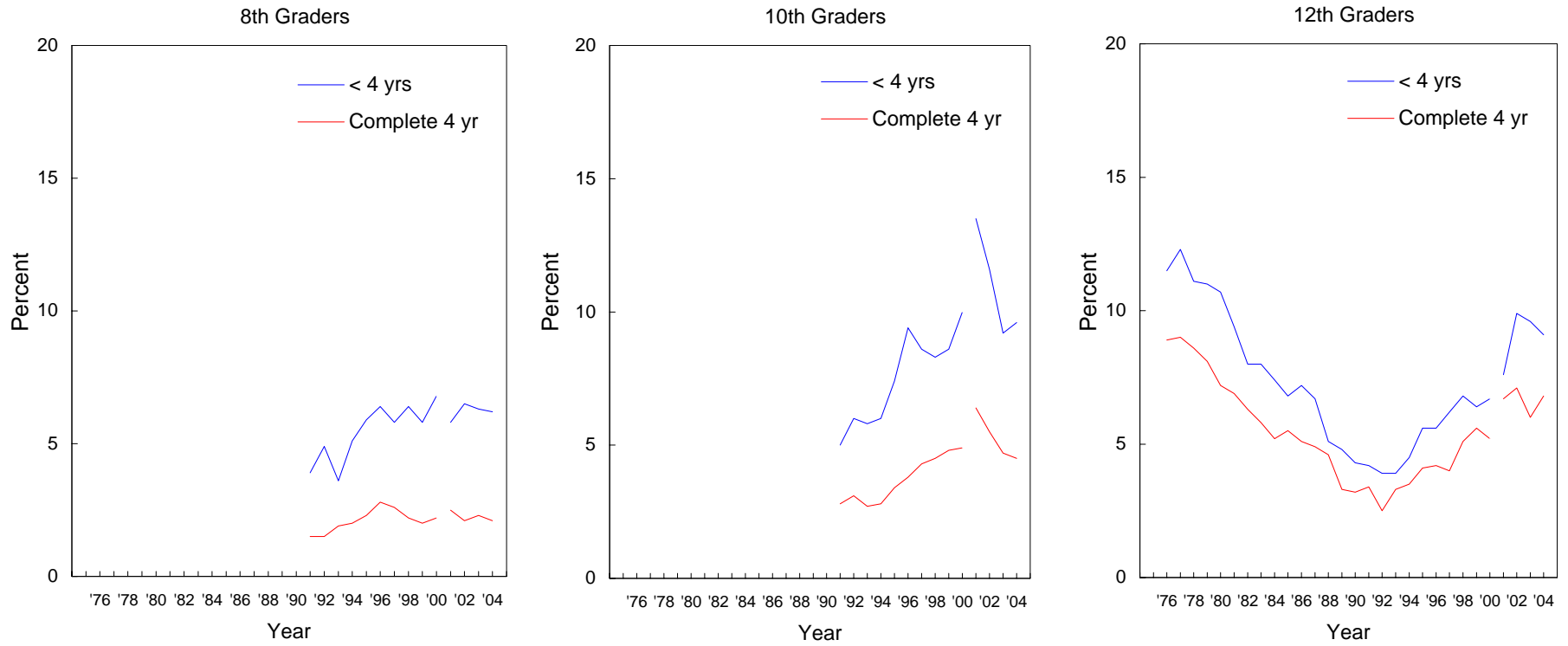
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Tranquilizers:* Trends in Annual Prevalence by Gender



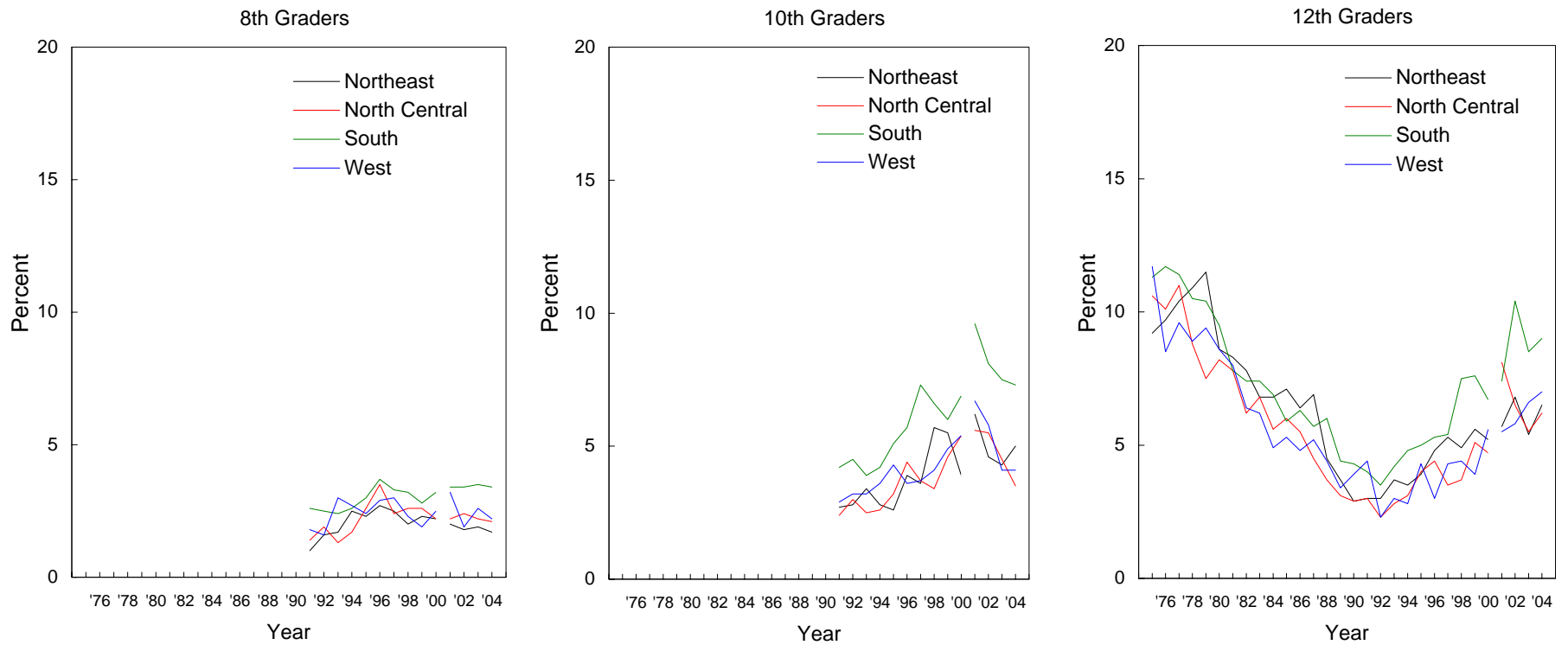
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

Tranquilizers:* Trends in Annual Prevalence by College Plans



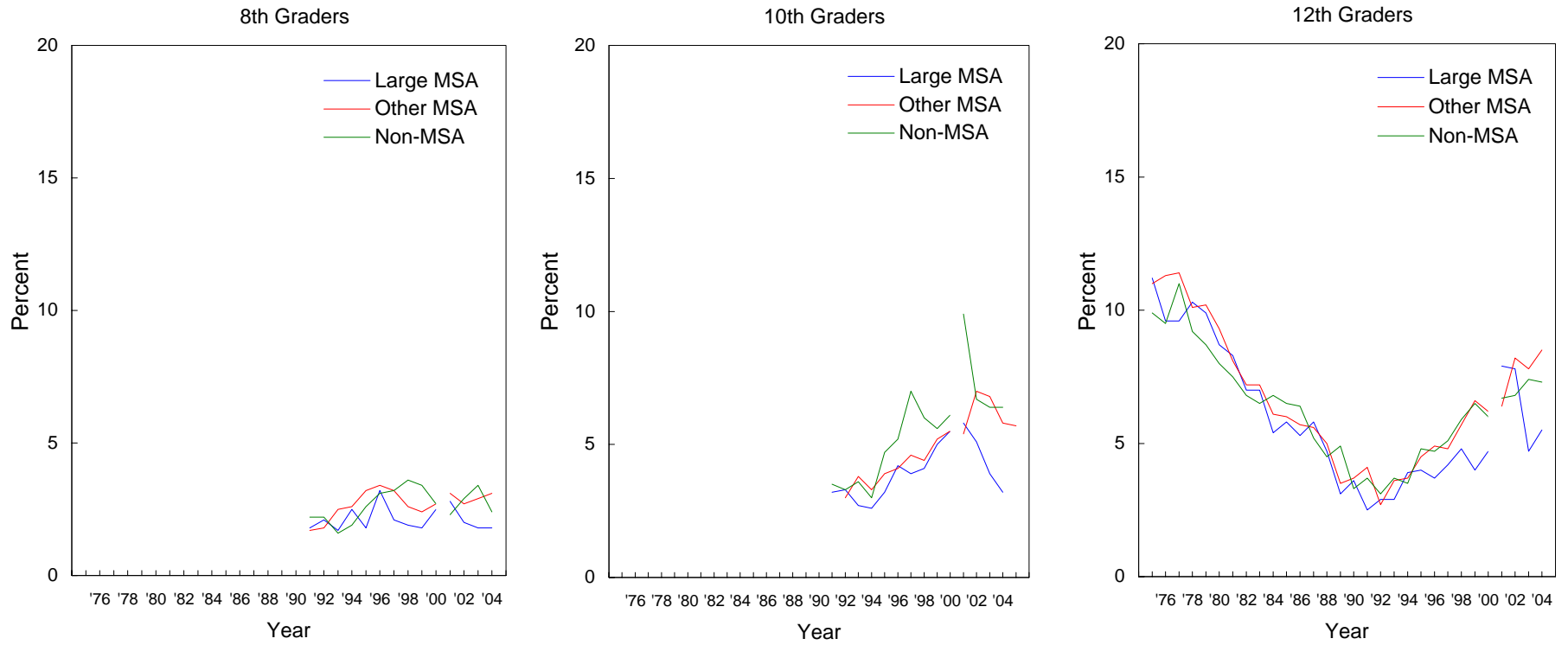
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

Tranquilizers:* Trends in Annual Prevalence by Region



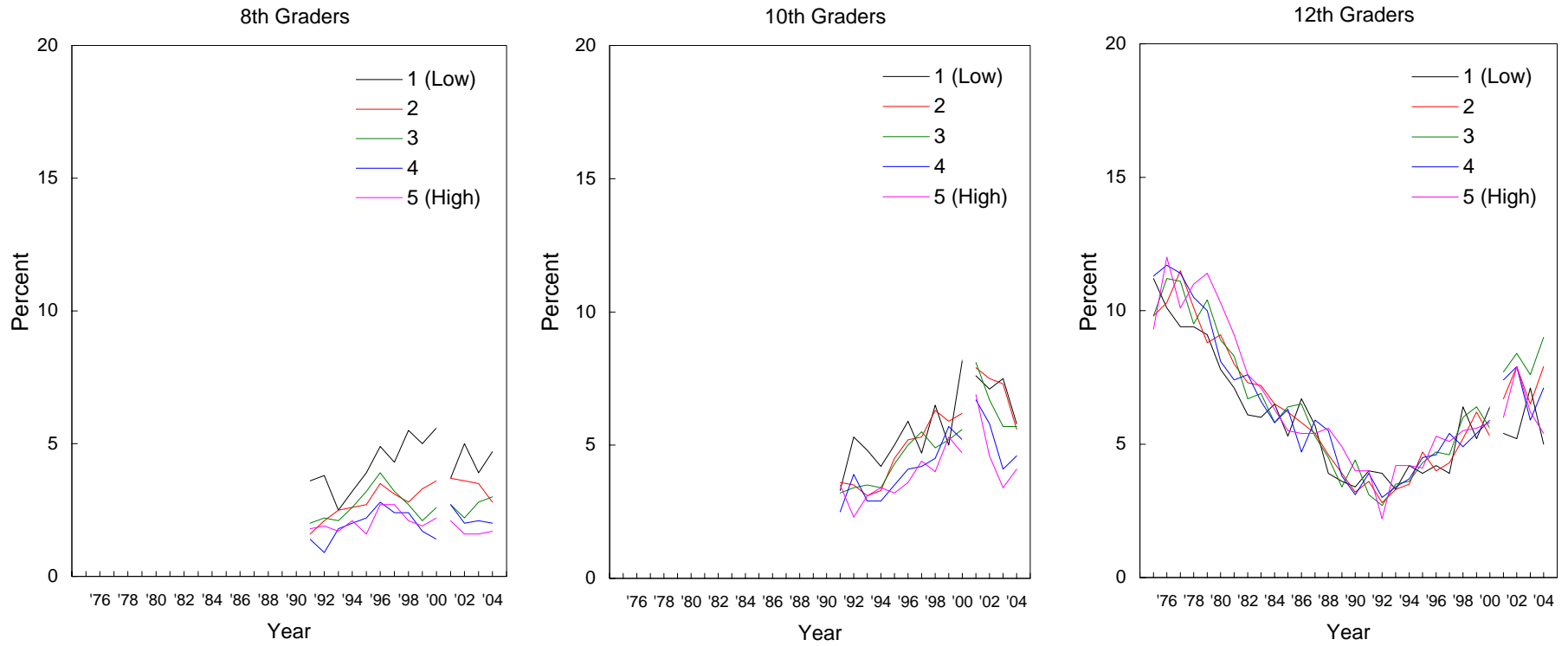
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

Tranquilizers:* Trends in Annual Prevalence by Population Density



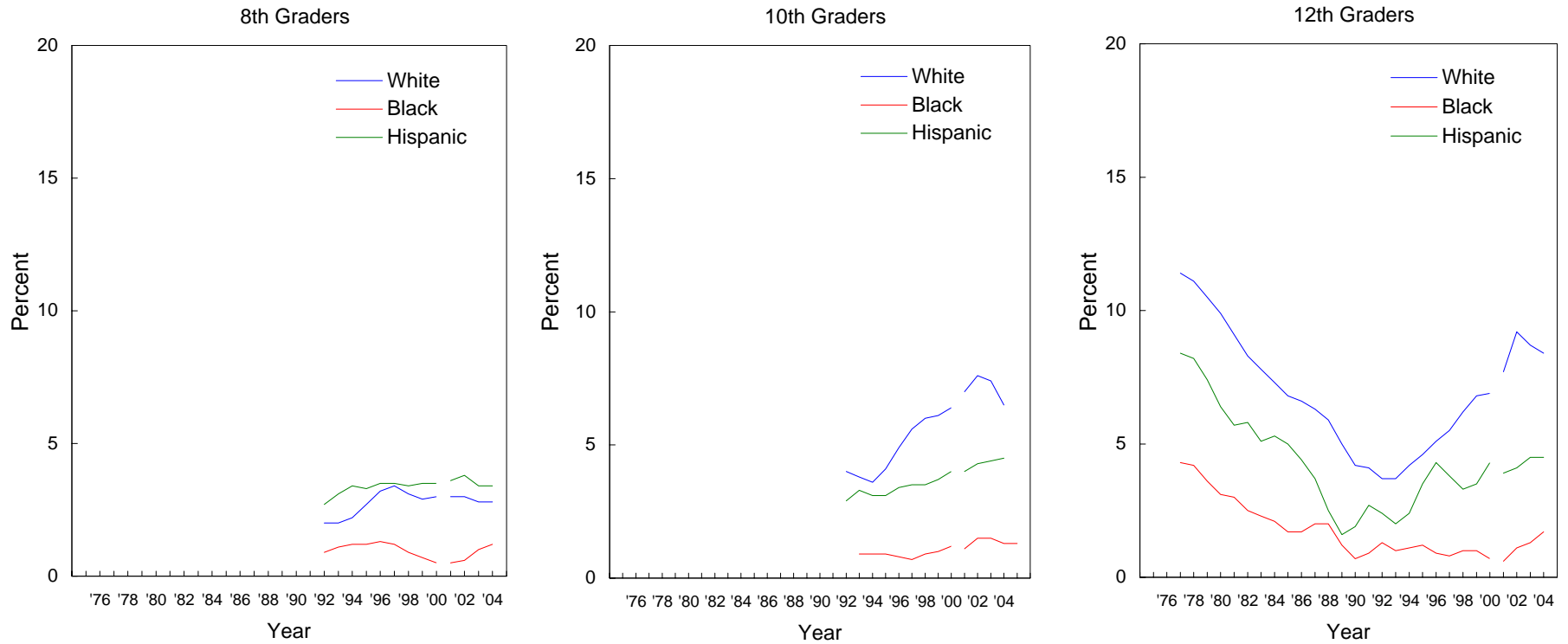
*Beginning in 2001, a revised set of questions on tranquilizer use was introduced. Refer to corresponding tables for further details.

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.

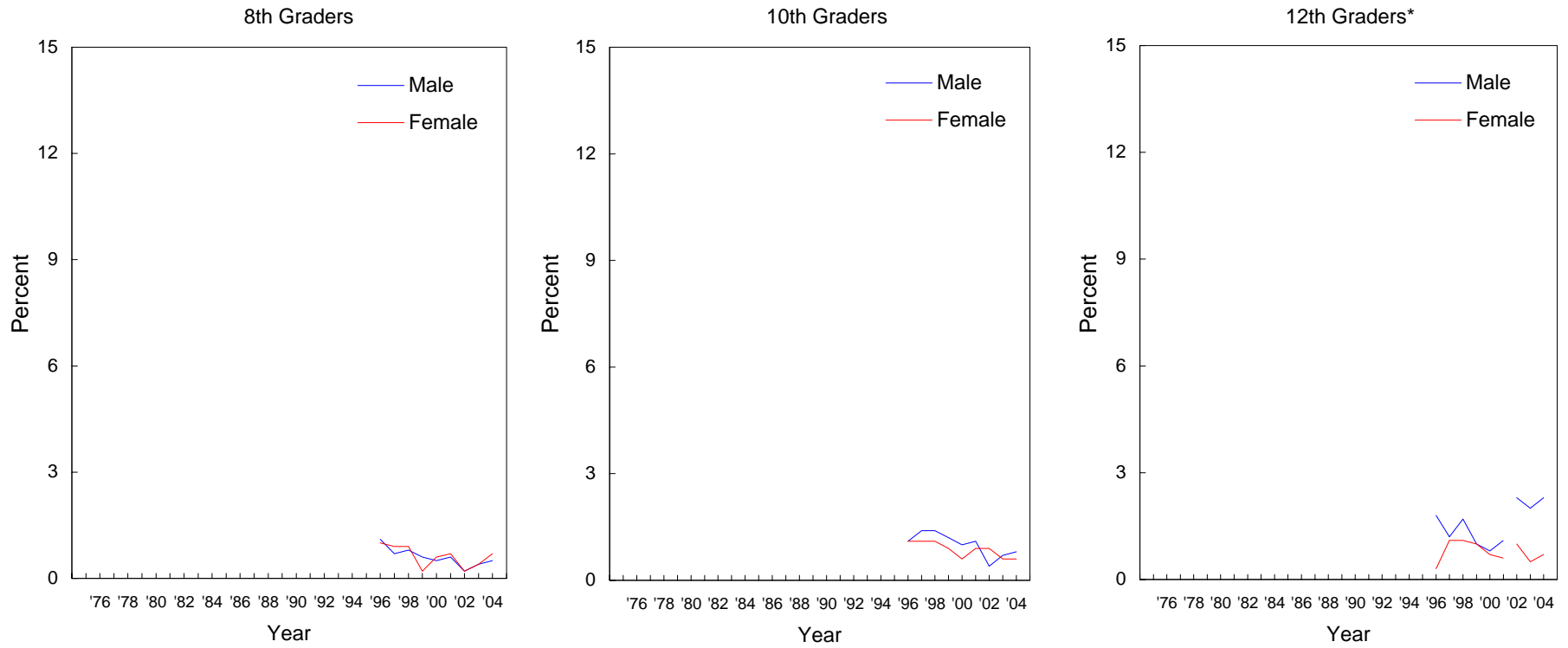
Tranquilizers:* Trends in Annual Prevalence by Race/Ethnicity**



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

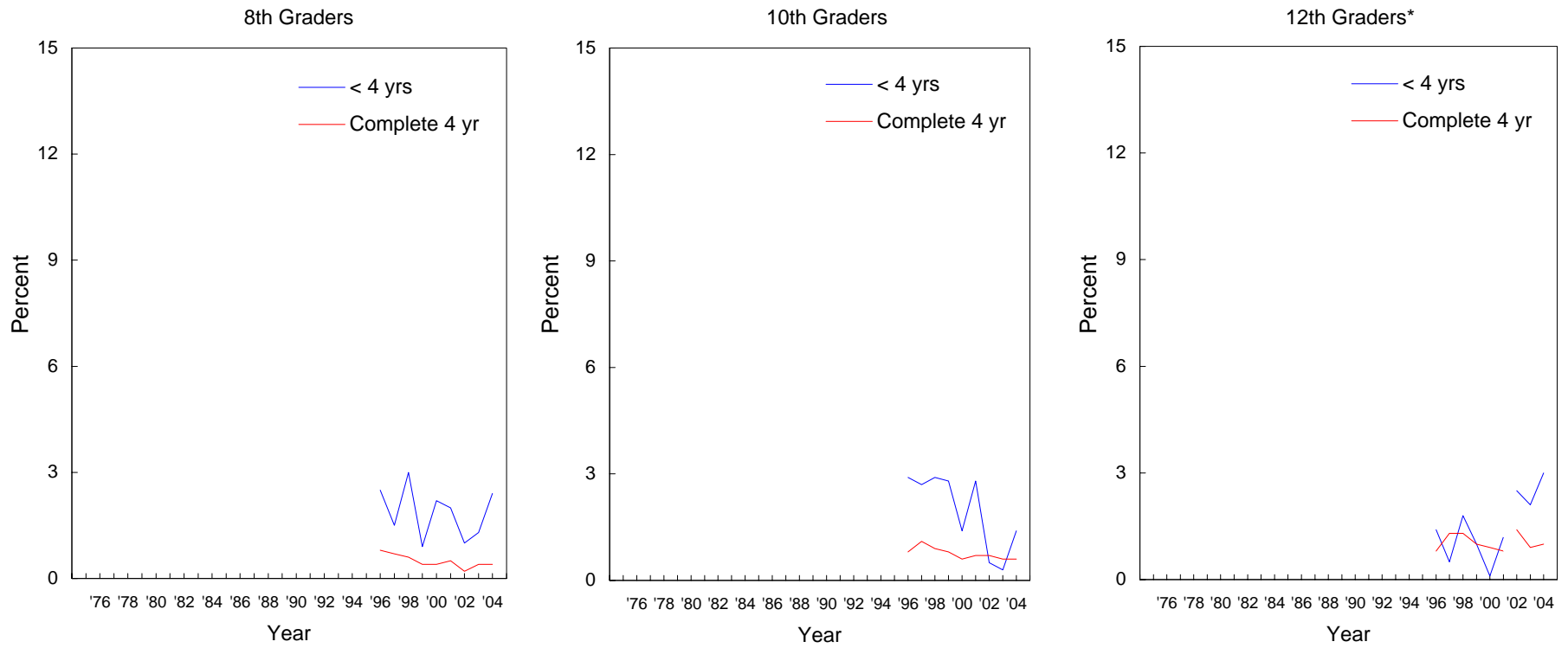
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Rohypnol: Trends in Annual Prevalence by Gender



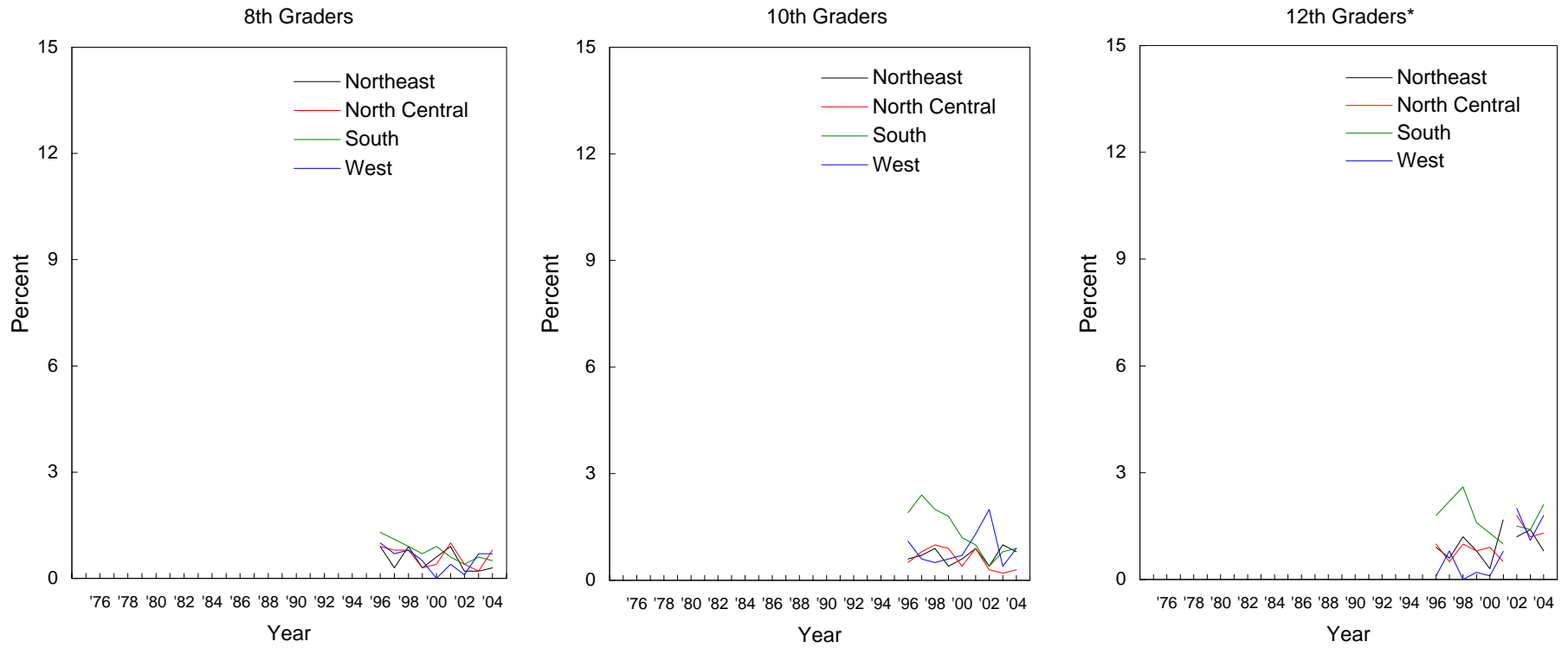
*The 2001 and 2002 data are not comparable due to changes in the questionnaire forms.

Rohypnol: Trends in Annual Prevalence by College Plans



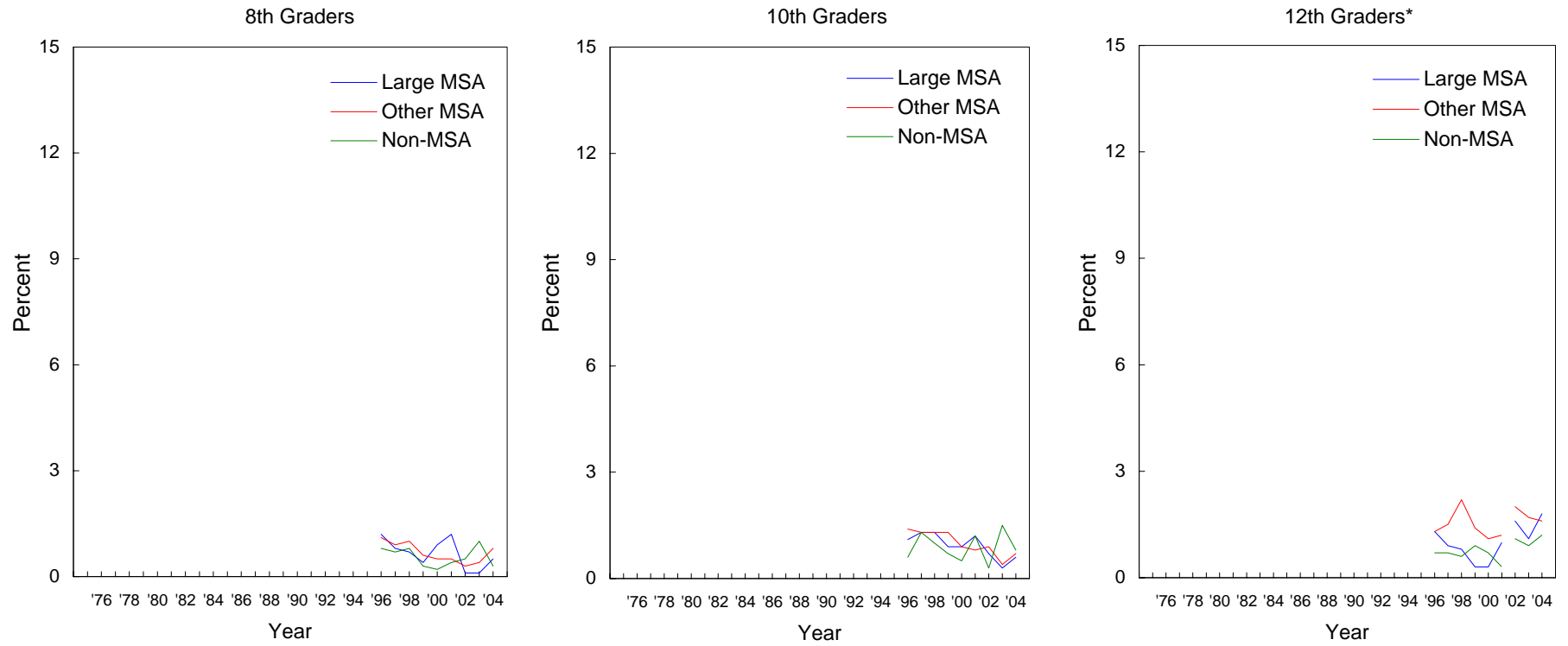
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Rohypnol: Trends in Annual Prevalence by Region



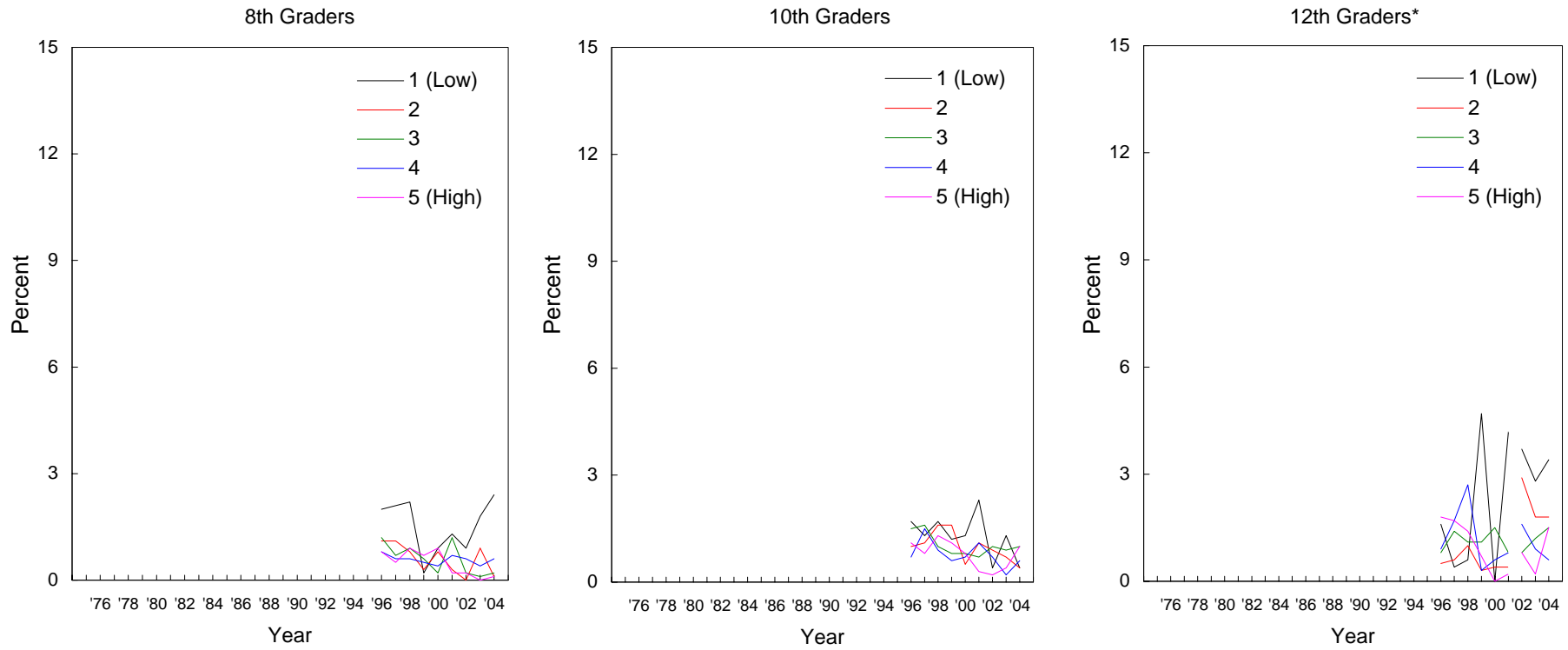
*The 2001 and 2002 data are not comparable due to changes in the questionnaire forms.

Rohypnol: Trends in Annual Prevalence by Population Density



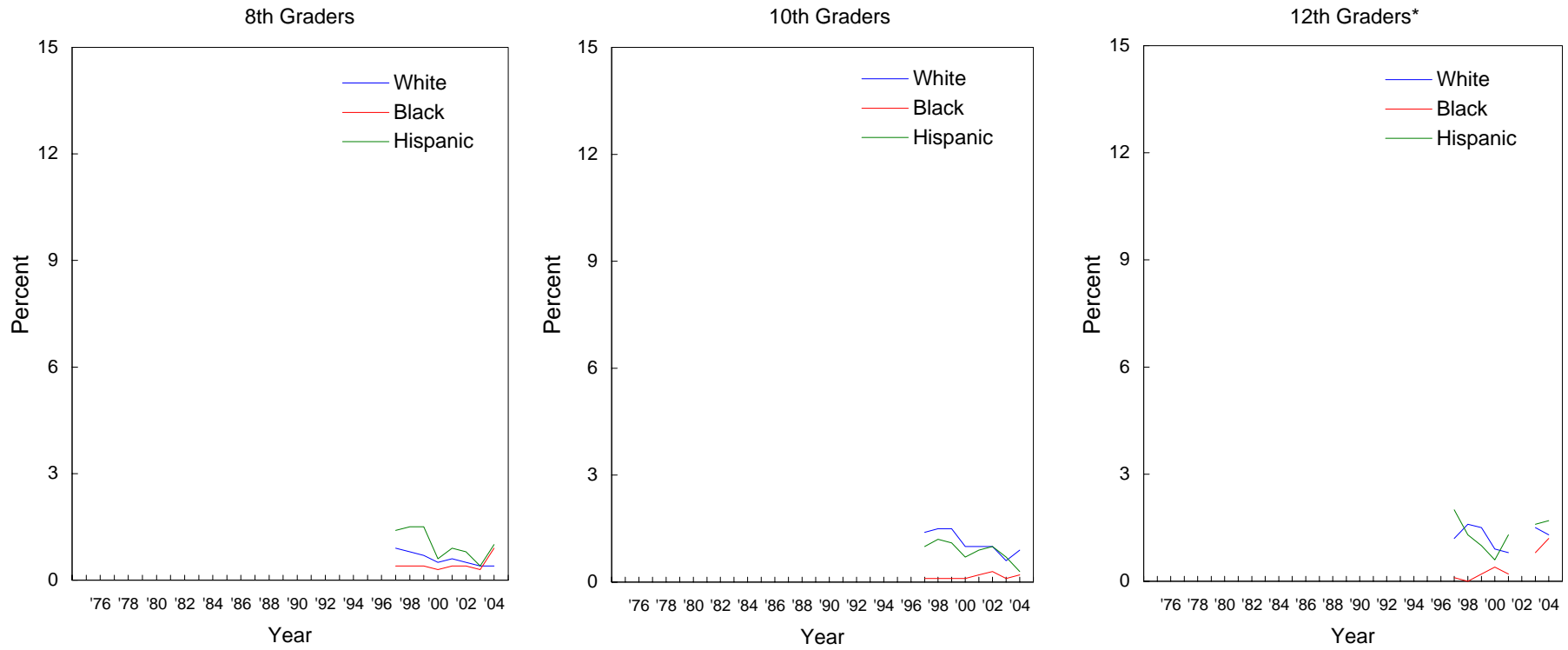
*The 2001 and 2002 data are not comparable due to changes in the questionnaire forms.

Rohypnol: Trends in Annual Prevalence by Parents' Average Education



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

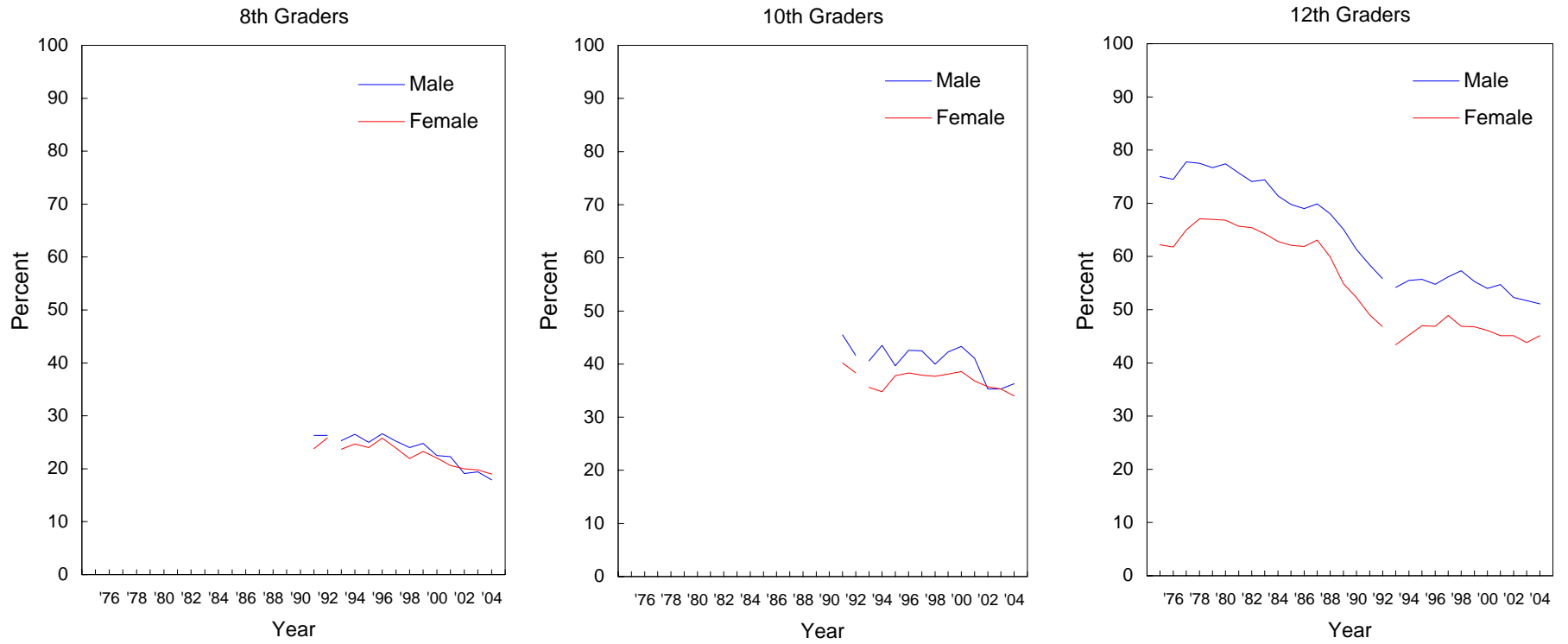
Rohypnol: Trends in Annual Prevalence by Race/Ethnicity**



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

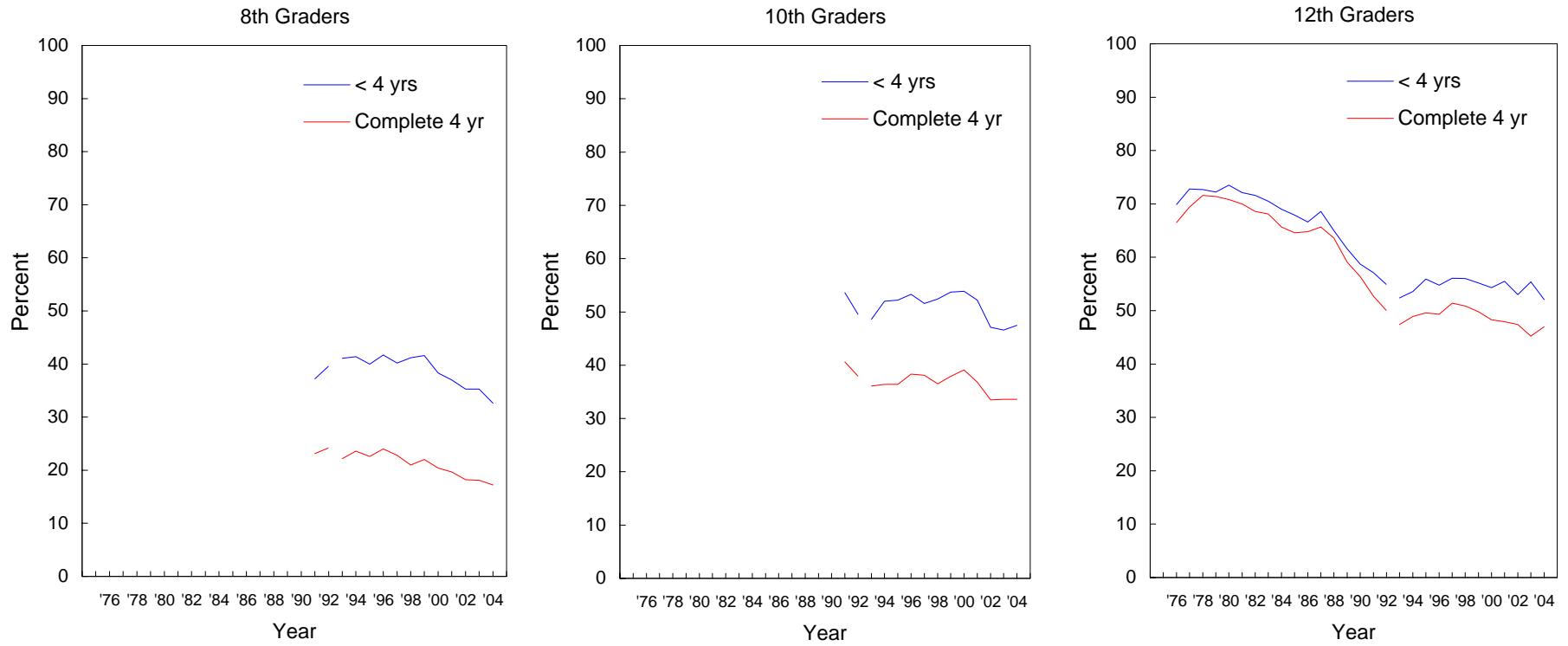
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Alcohol:* Trends in 30-Day Prevalence by Gender



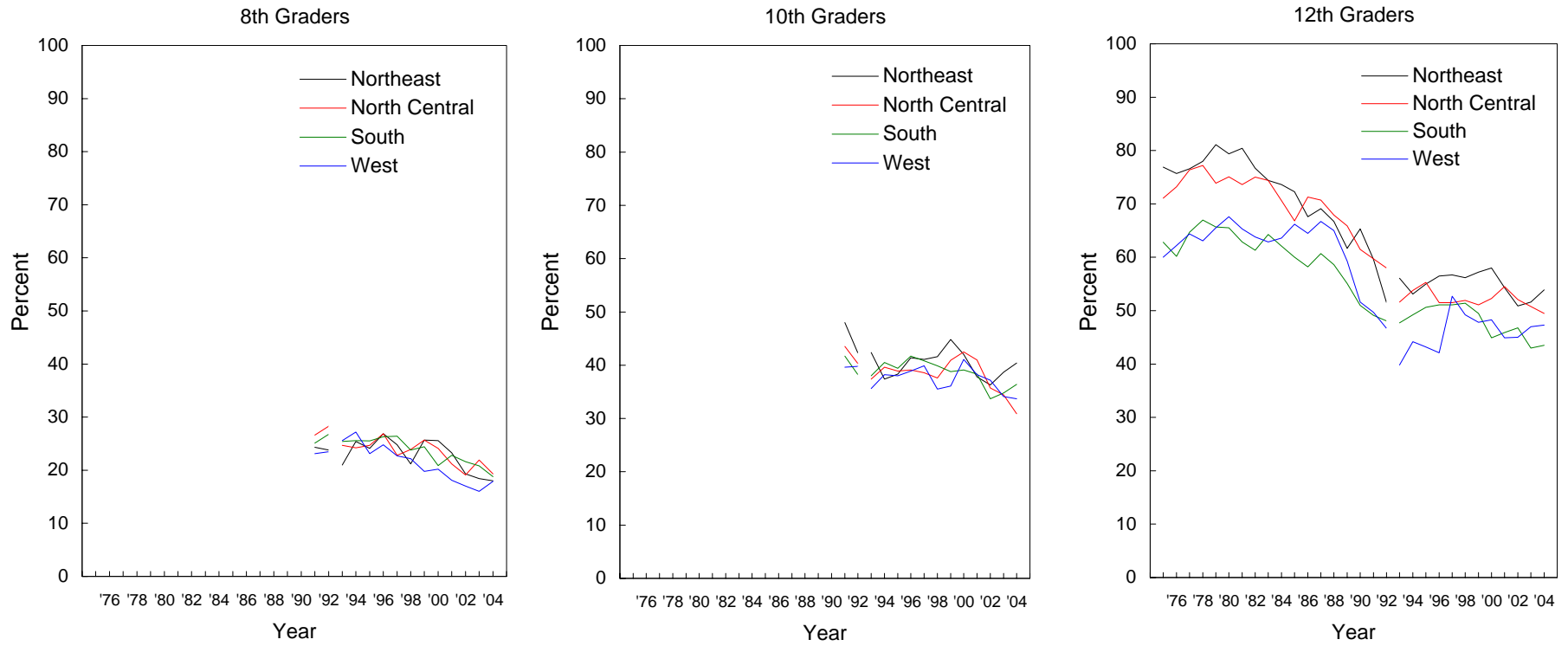
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

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



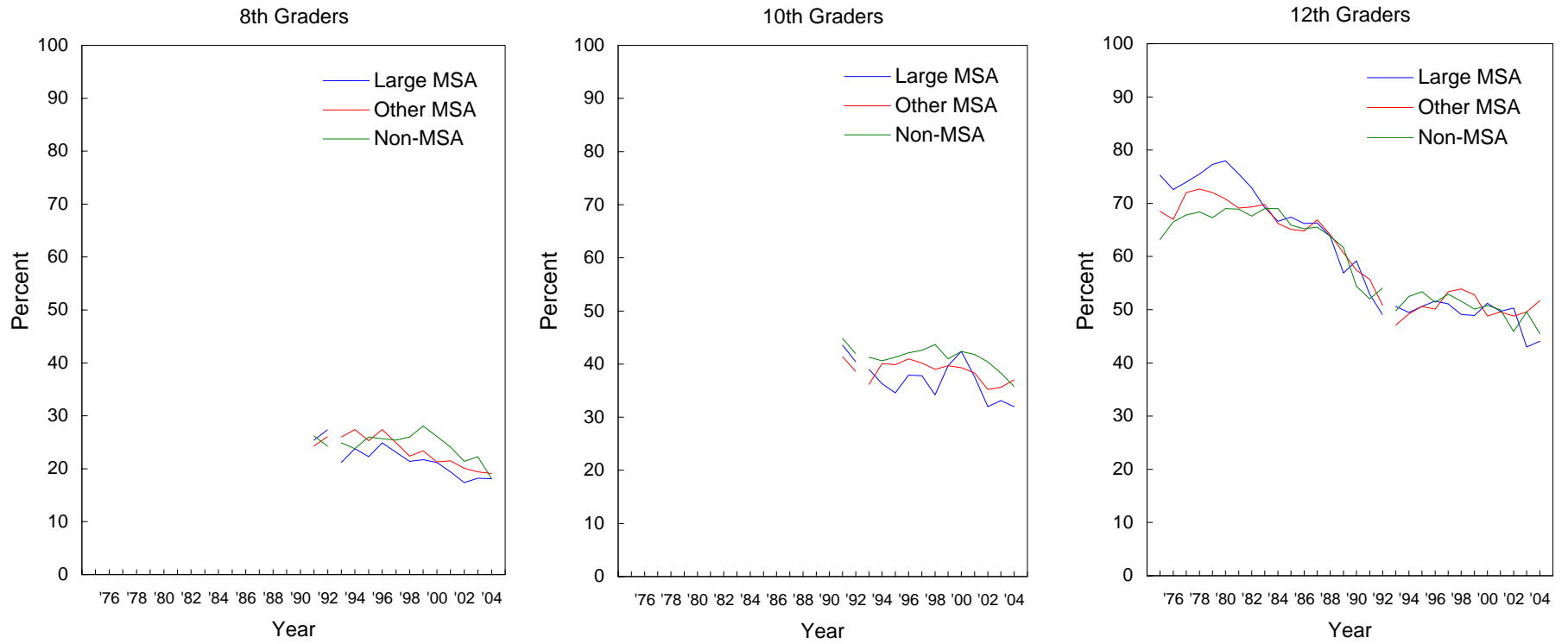
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

Alcohol:* Trends in 30-Day Prevalence by Region



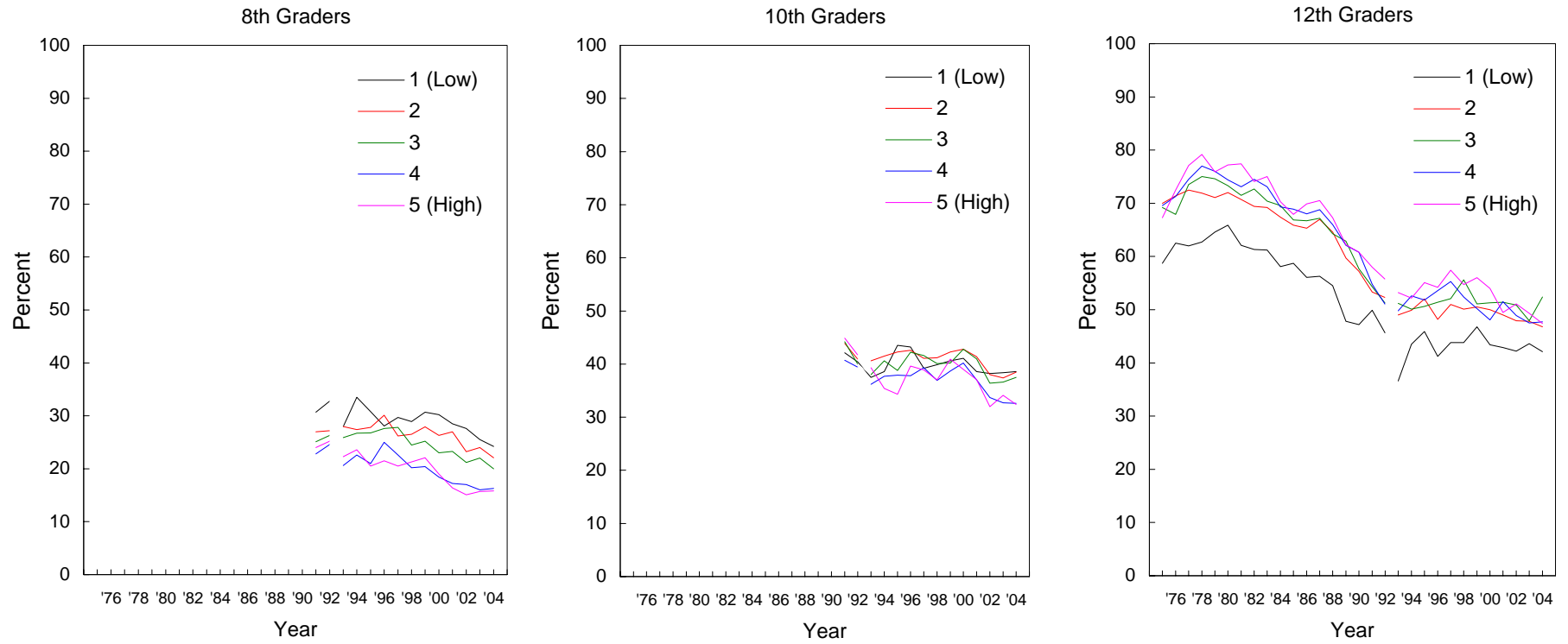
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

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



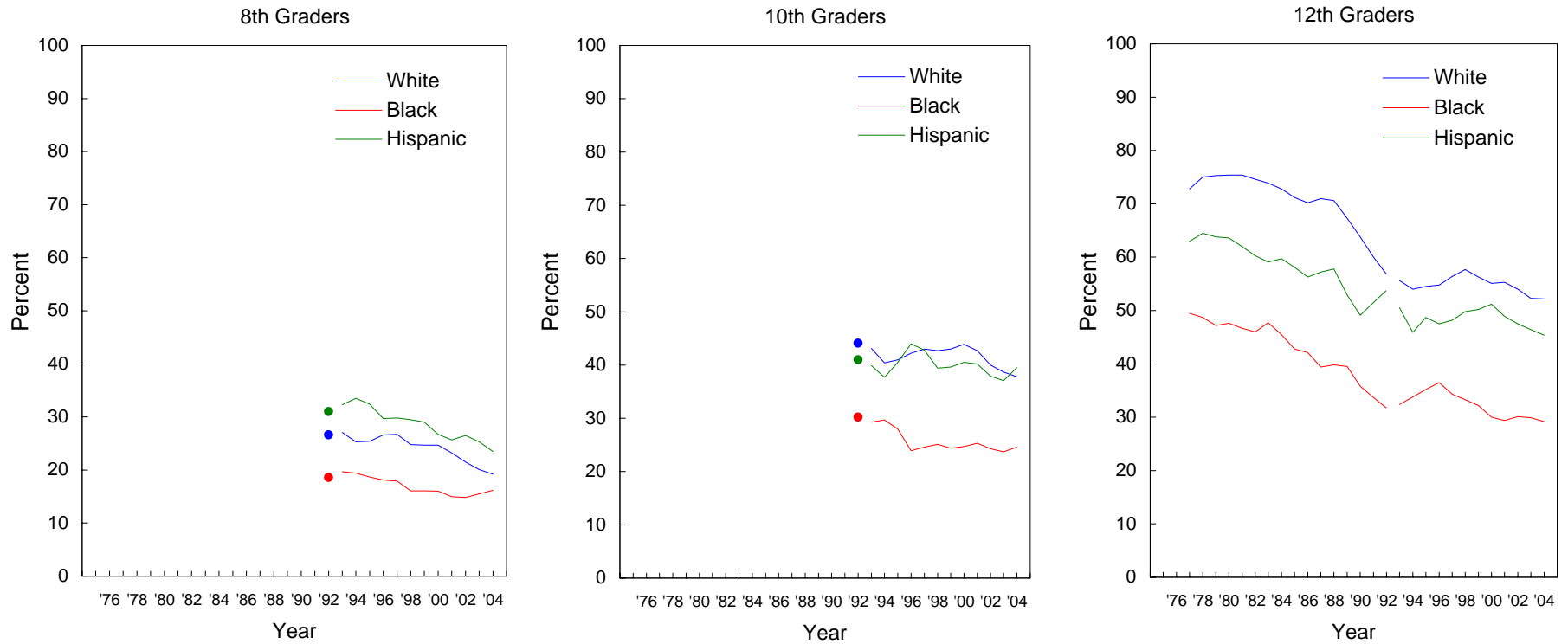
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

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.

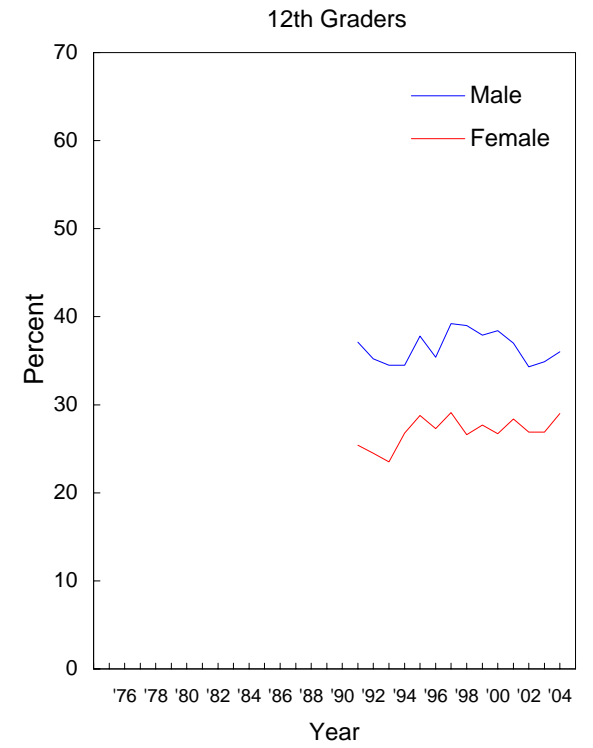
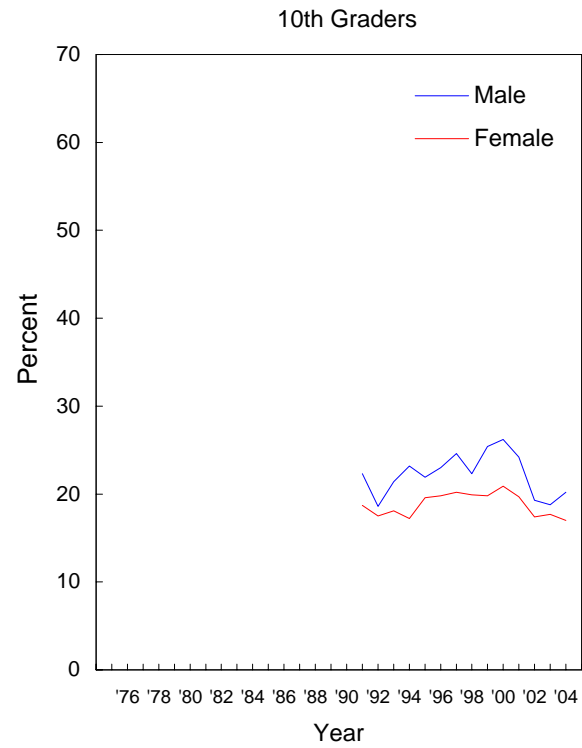
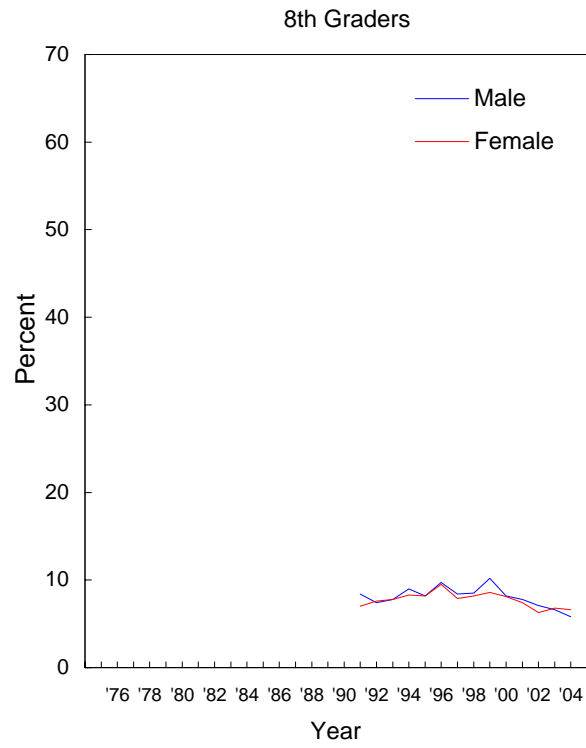
Alcohol:* Trends in 30-Day Prevalence by Race/Ethnicity**



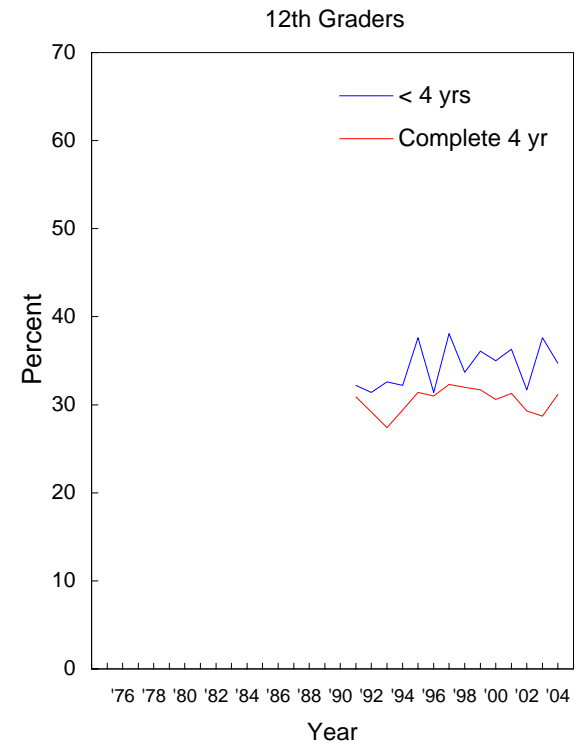
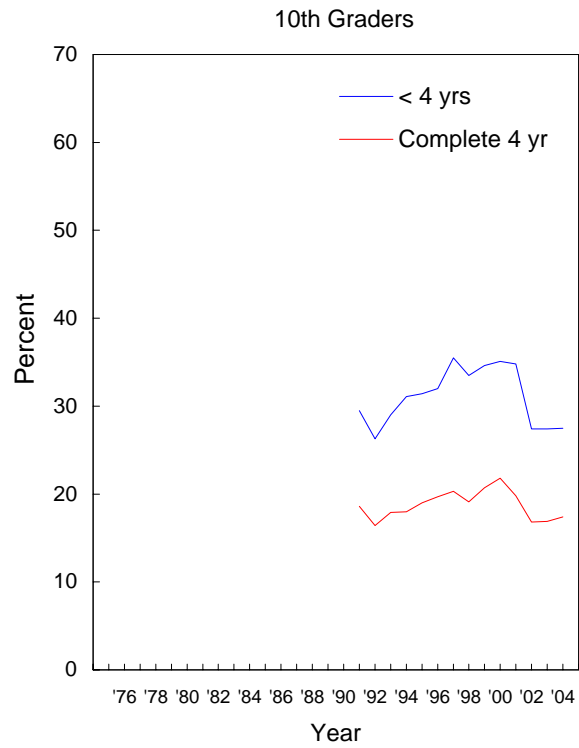
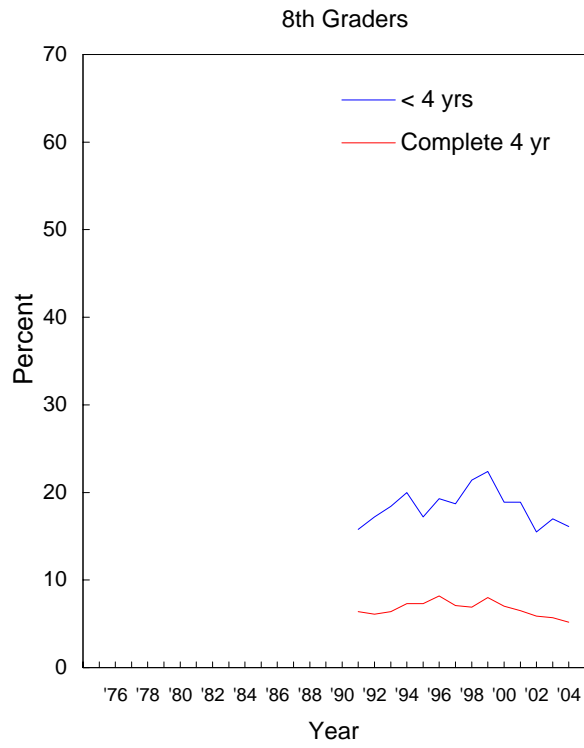
*Beginning in 1993, a revised set of questions on alcohol use was introduced. Refer to corresponding tables for further details.

**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).

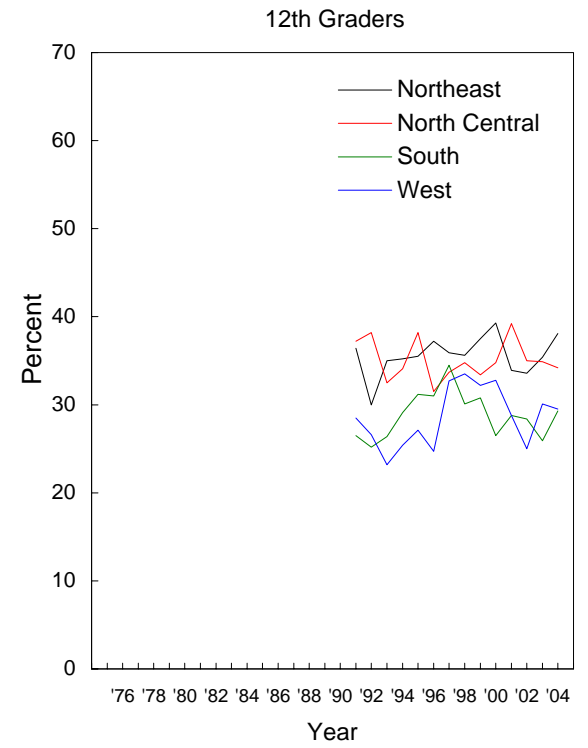
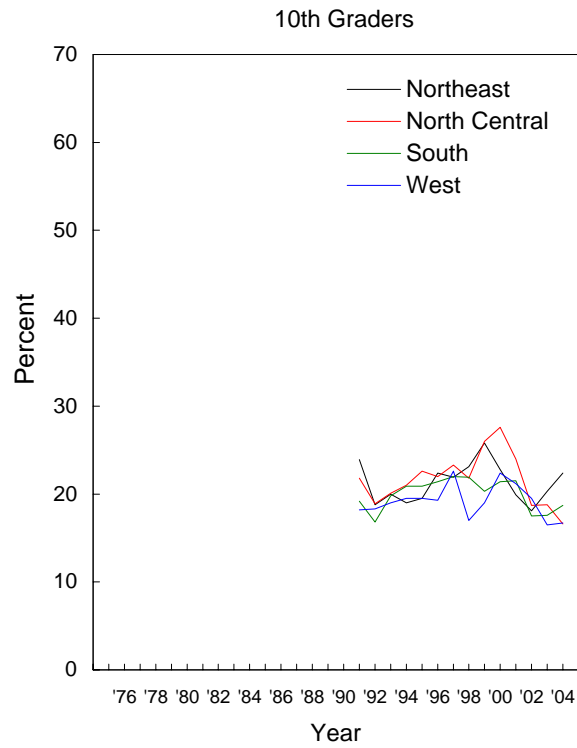
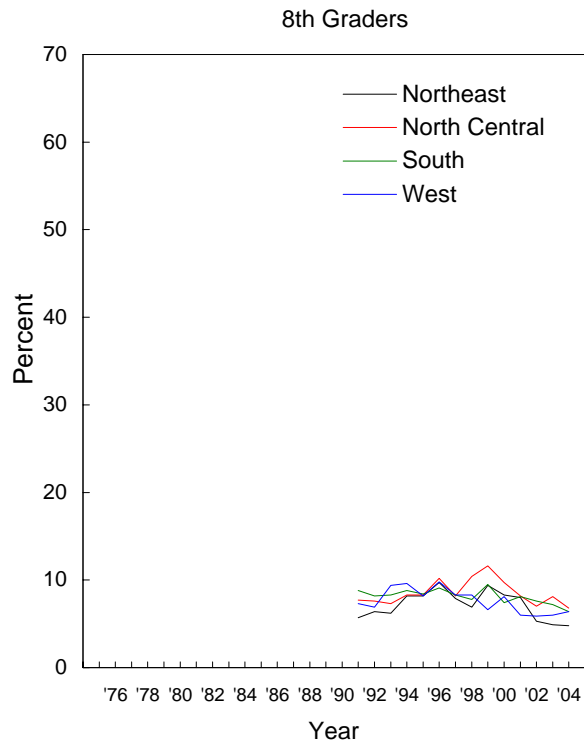
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Gender



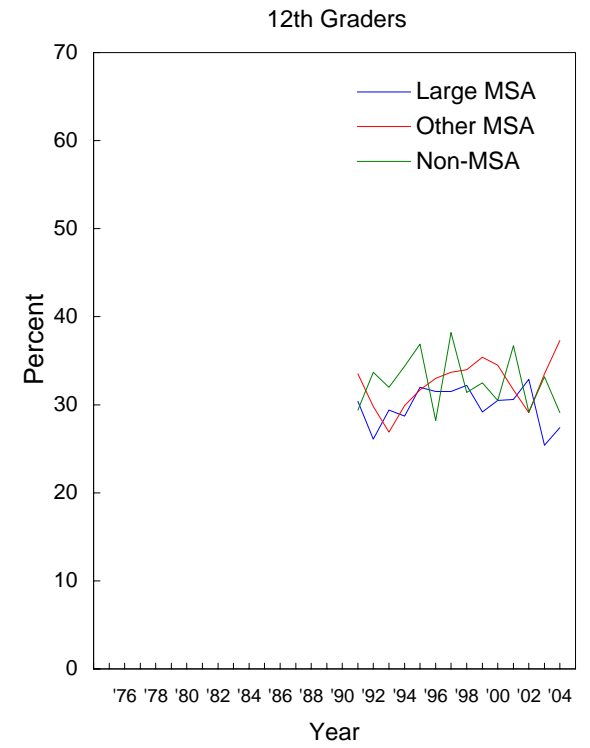
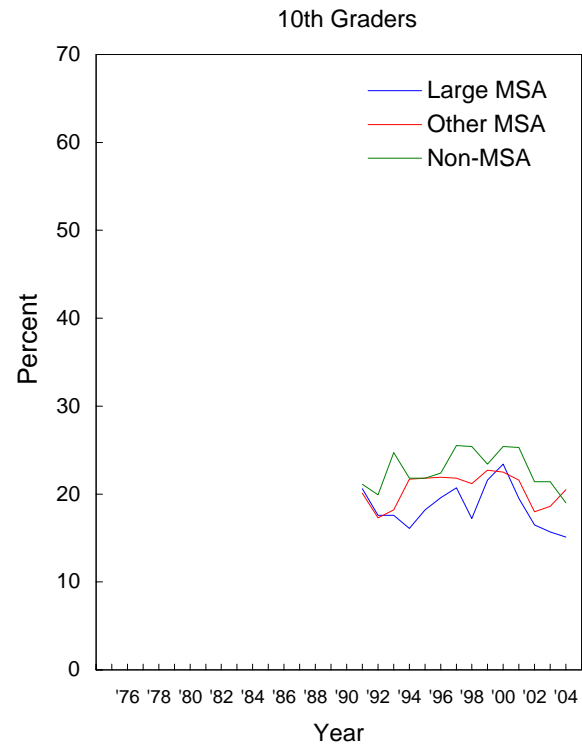
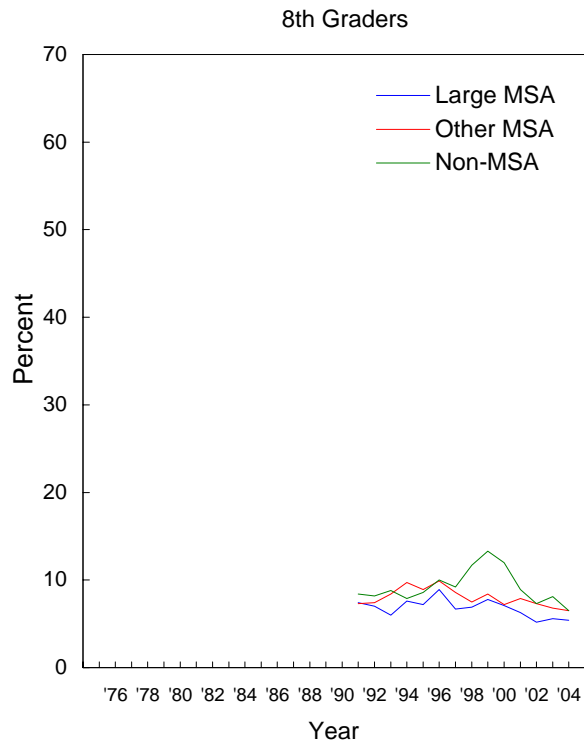
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by College Plans



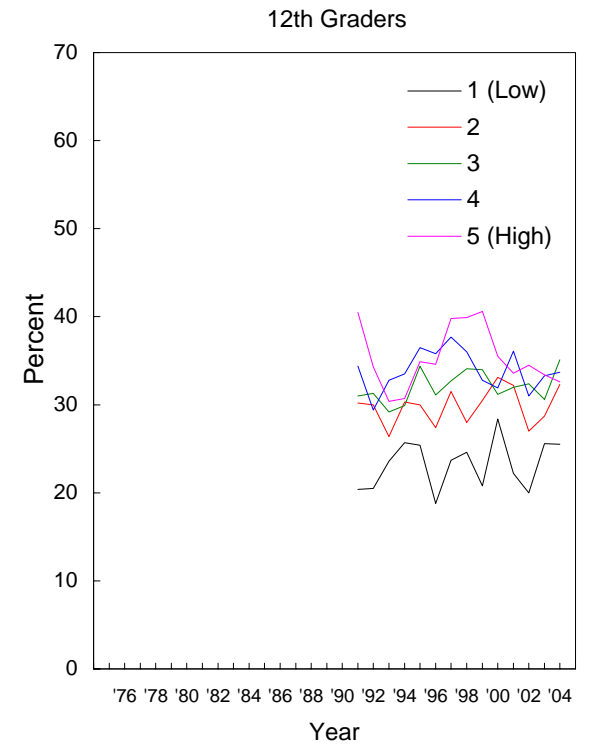
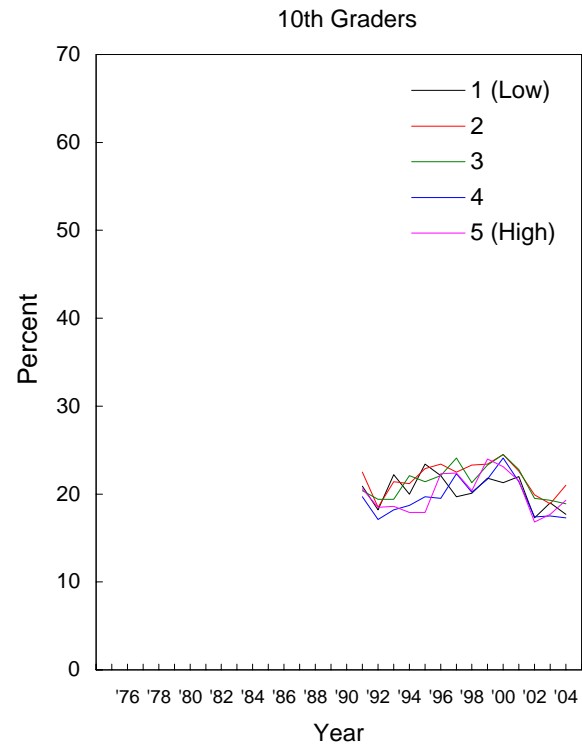
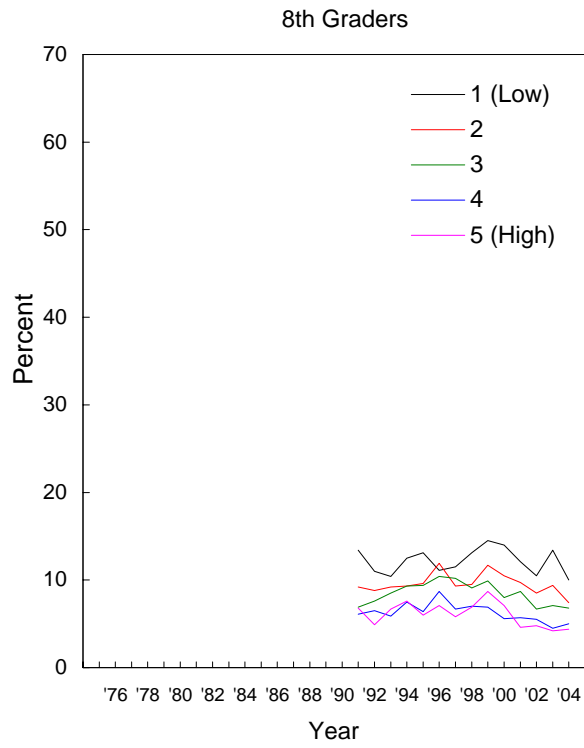
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Region



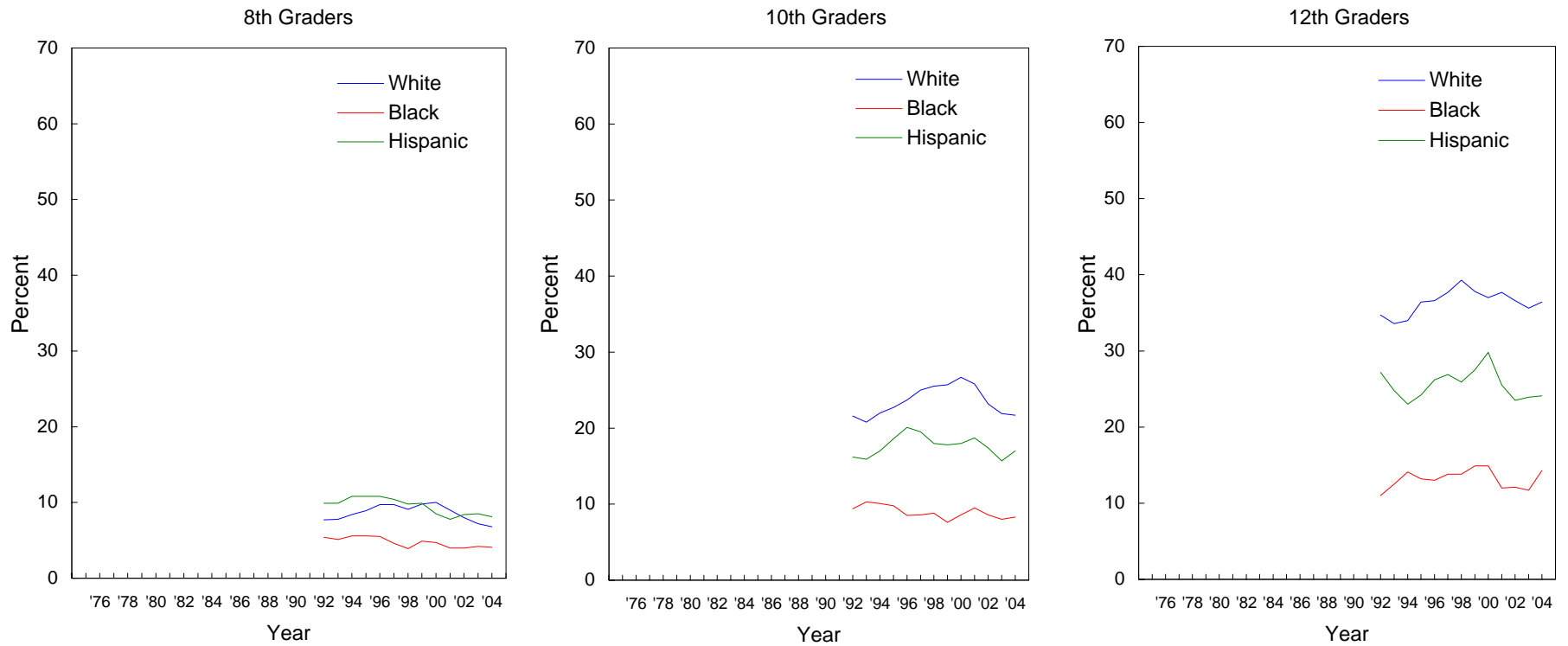
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Population Density



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

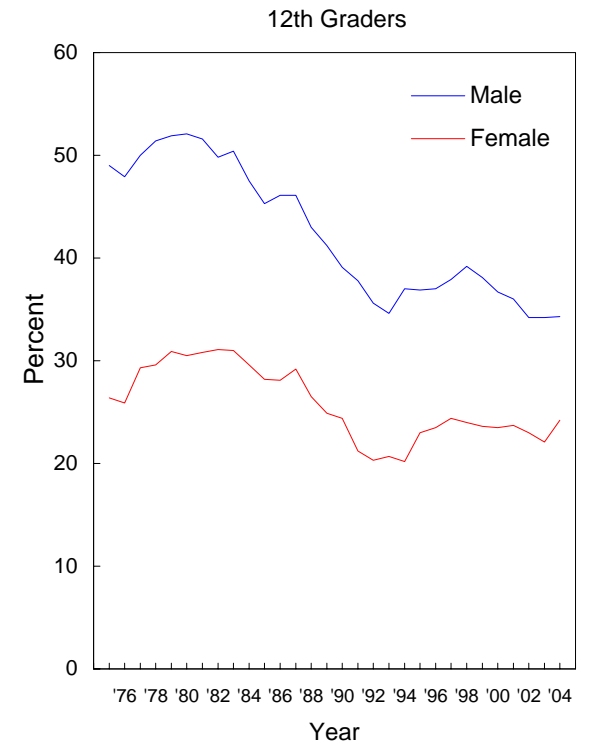
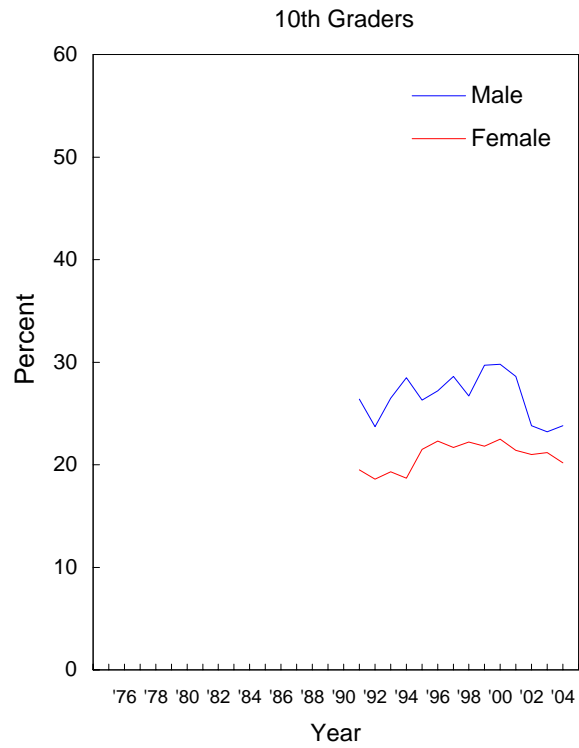
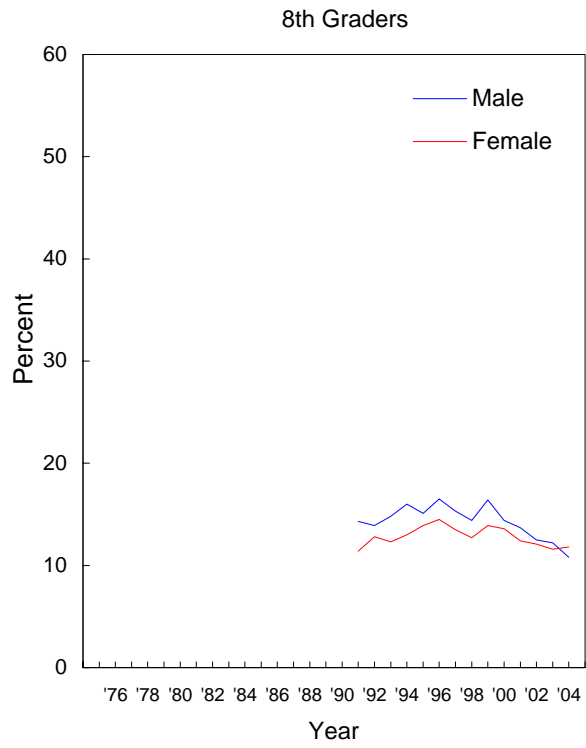


Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Race/Ethnicity*

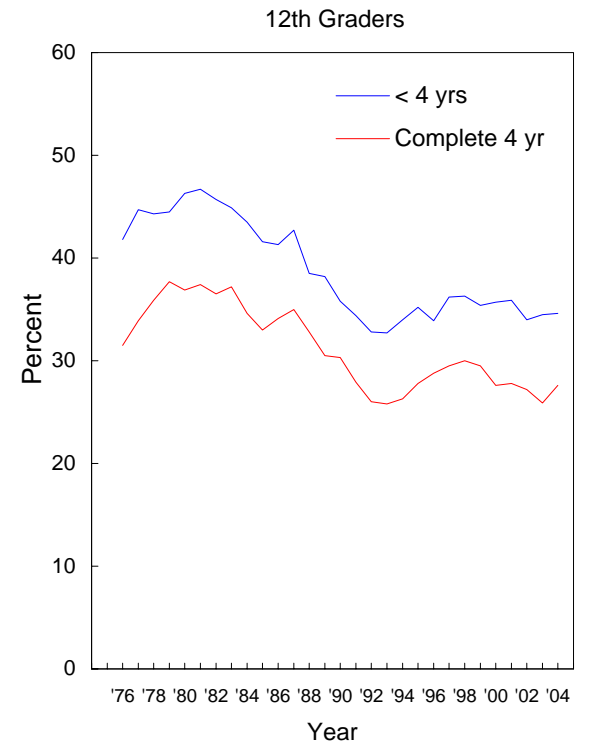
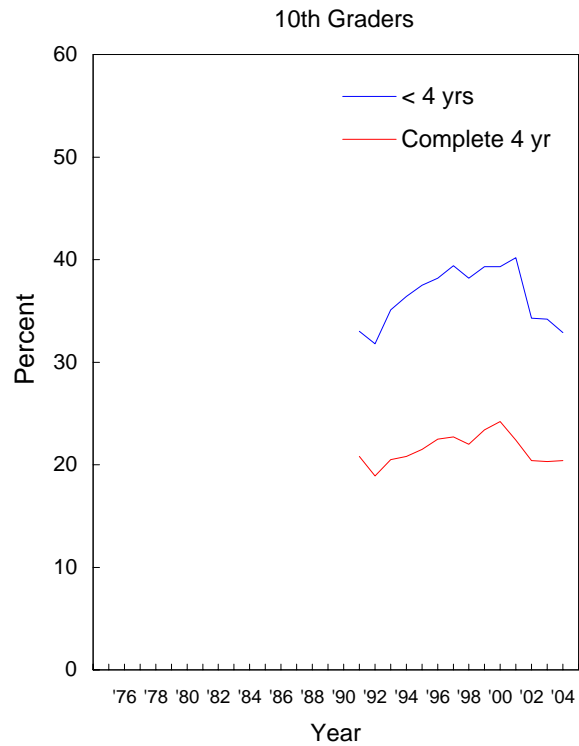
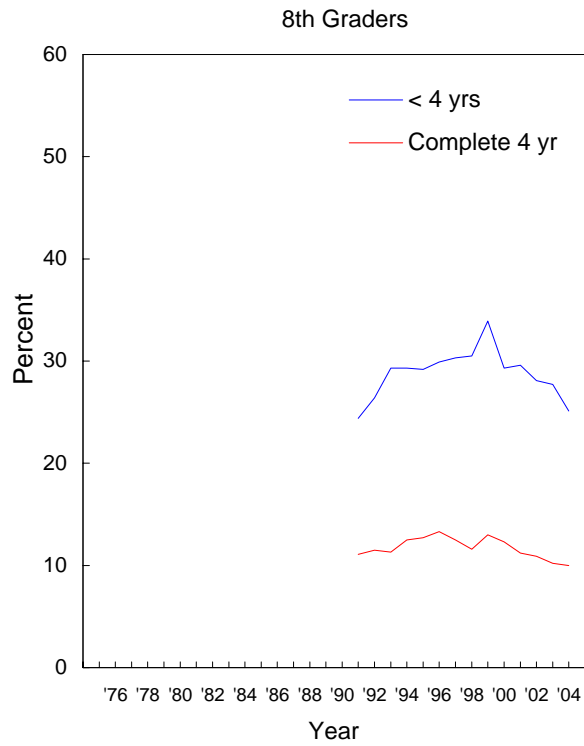


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

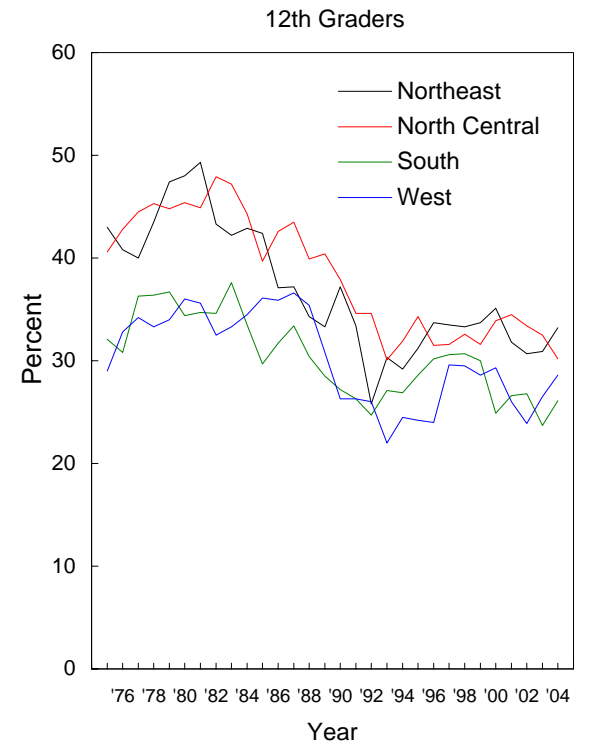
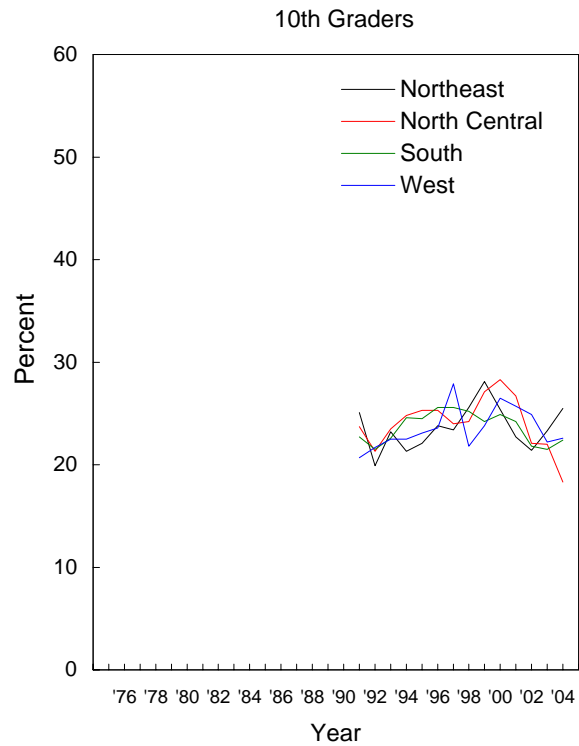
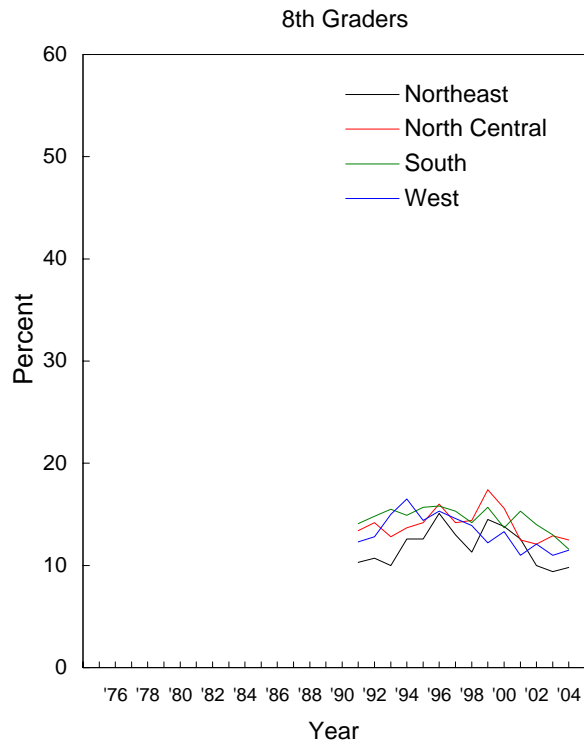
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Gender



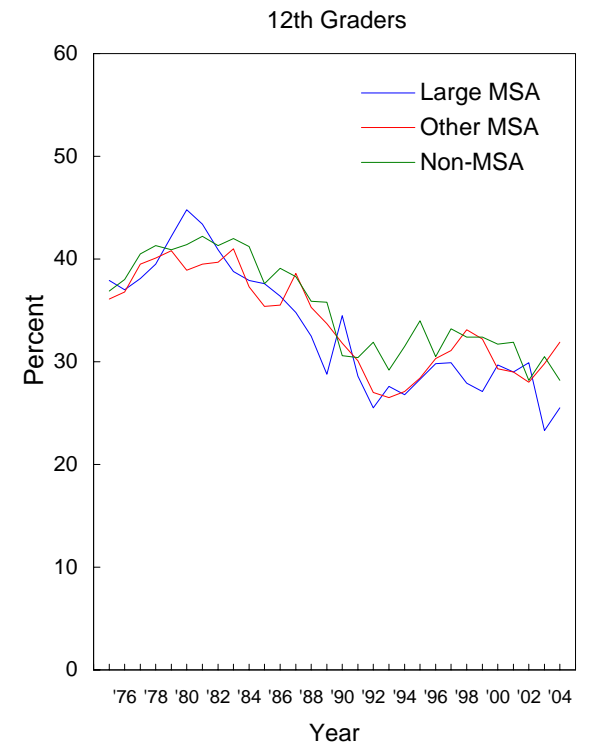
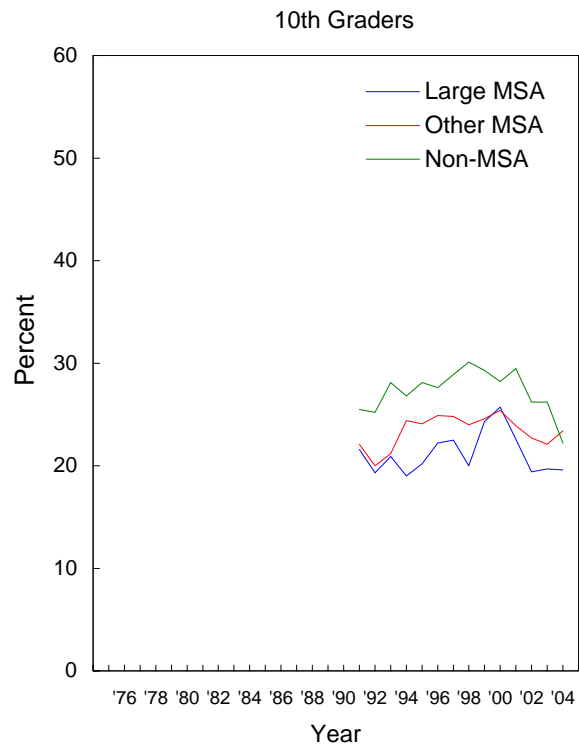
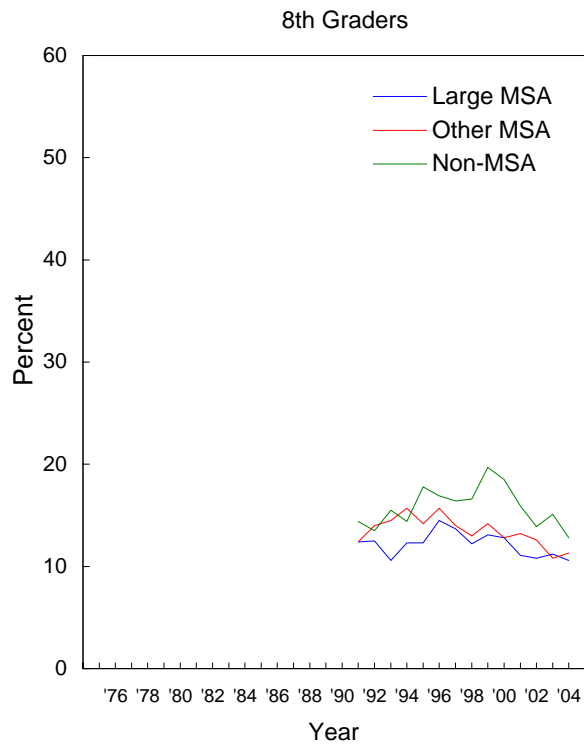
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by College Plans



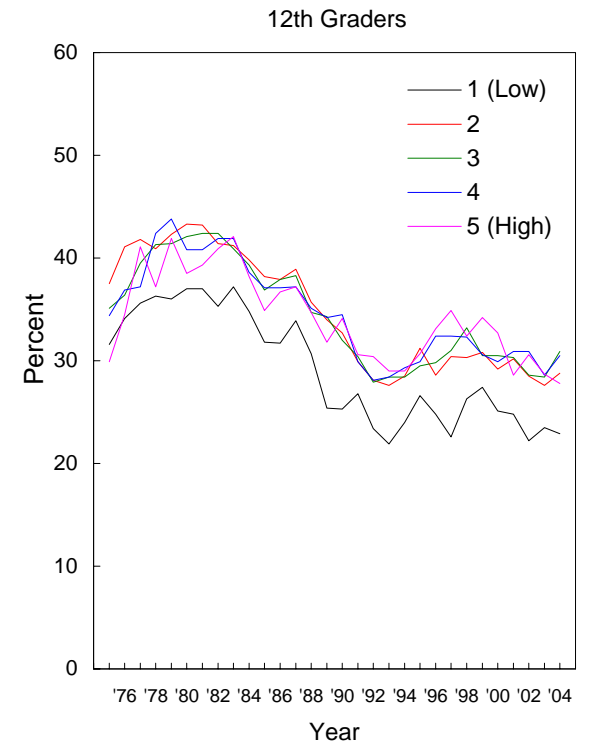
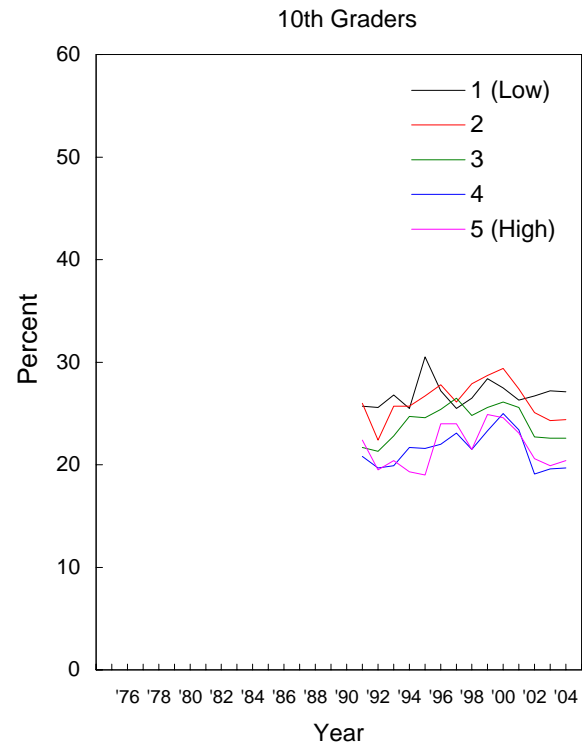
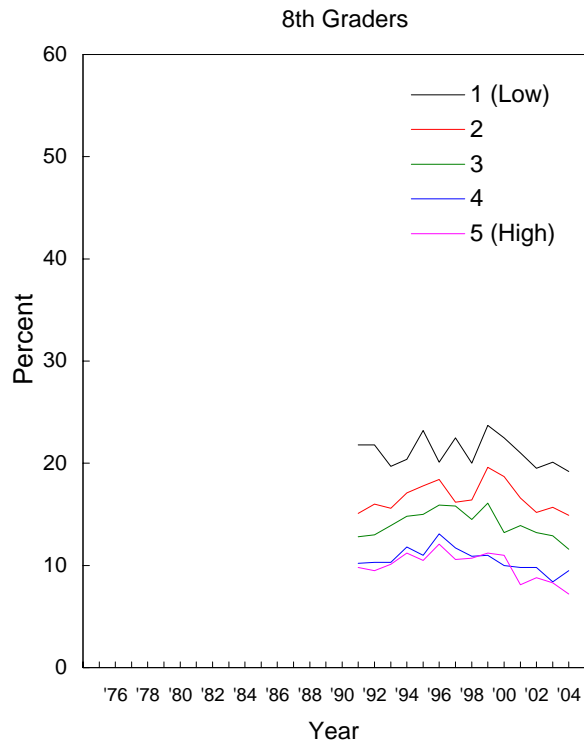
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Region



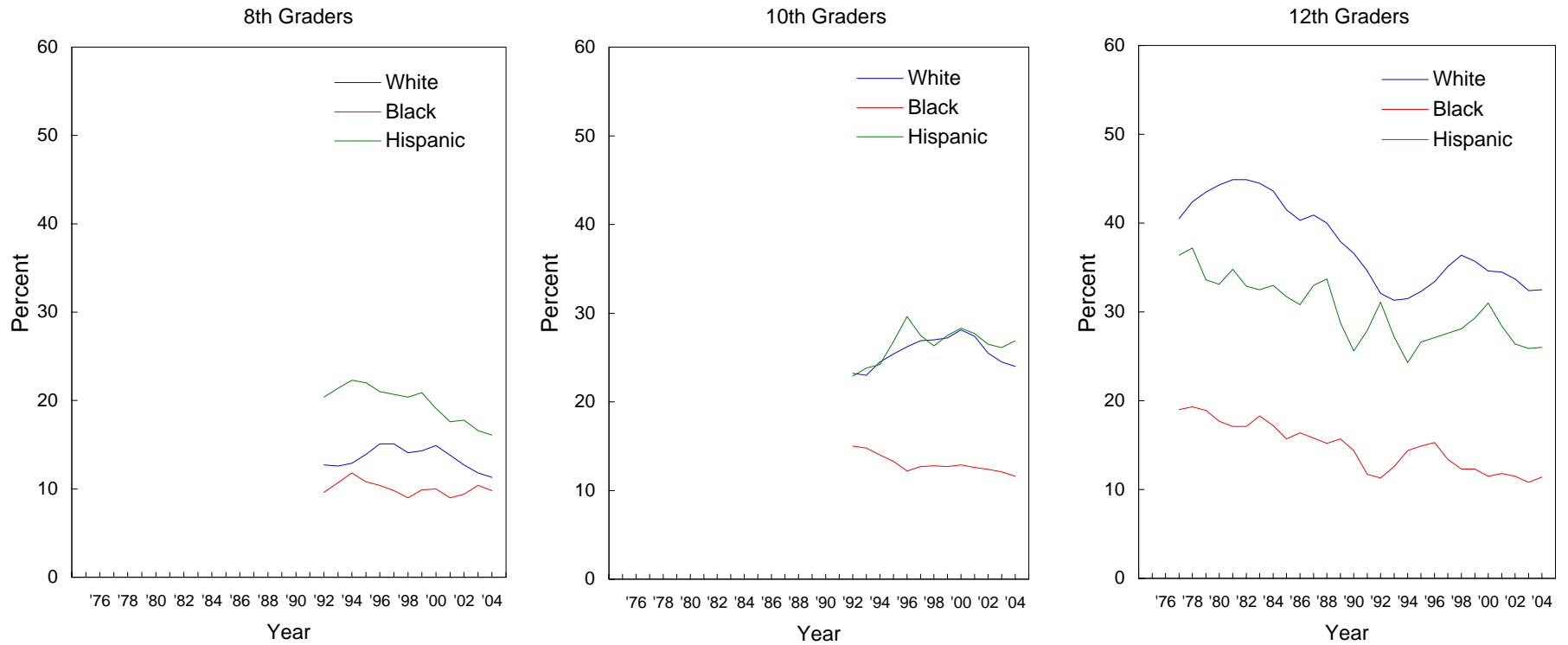
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Population Density



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

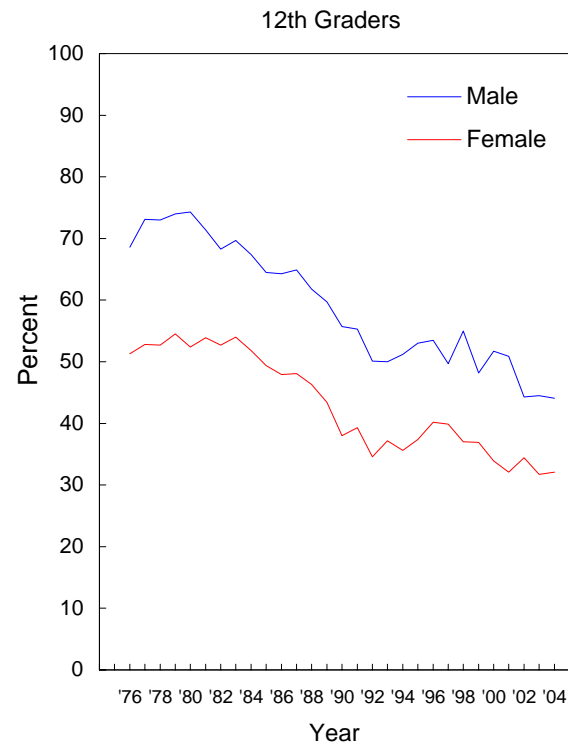
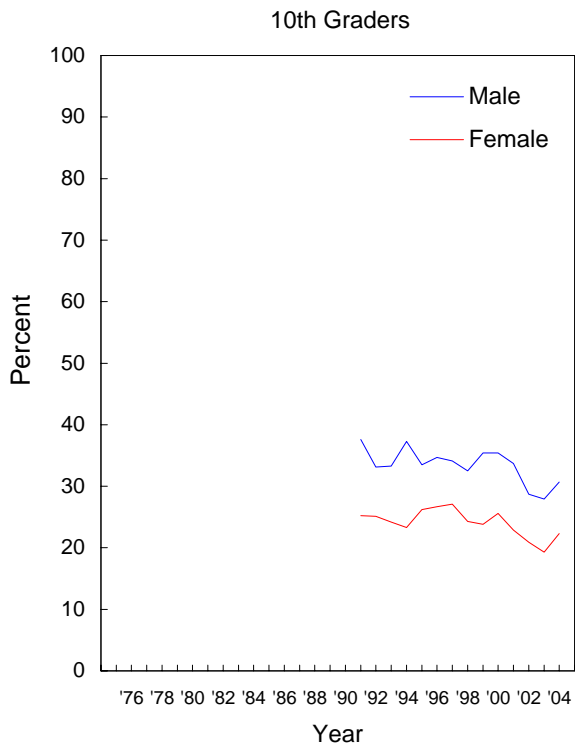
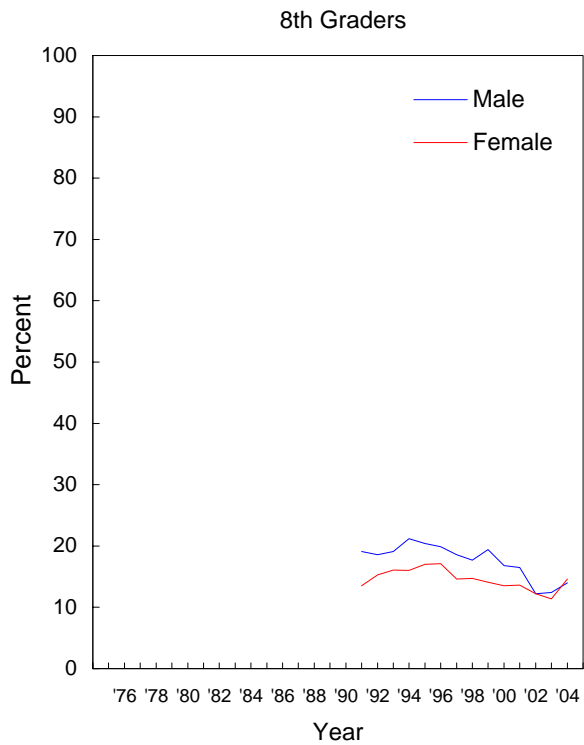


Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Race/Ethnicity*

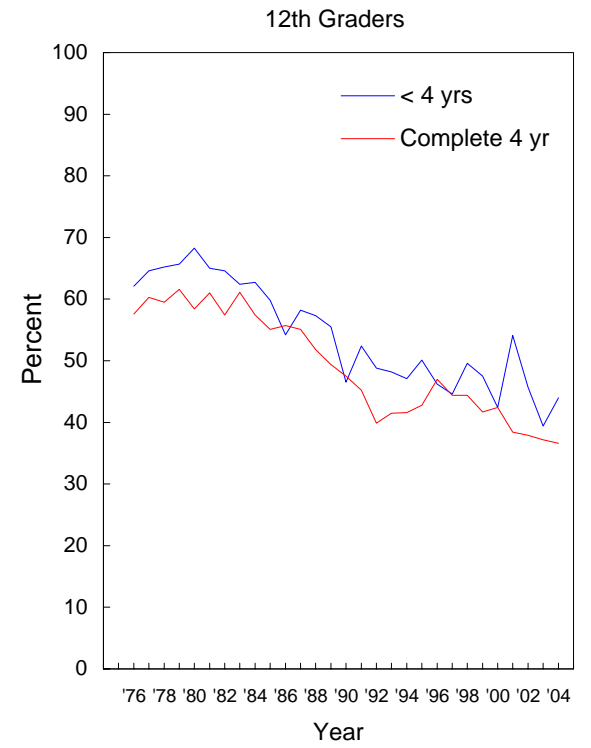
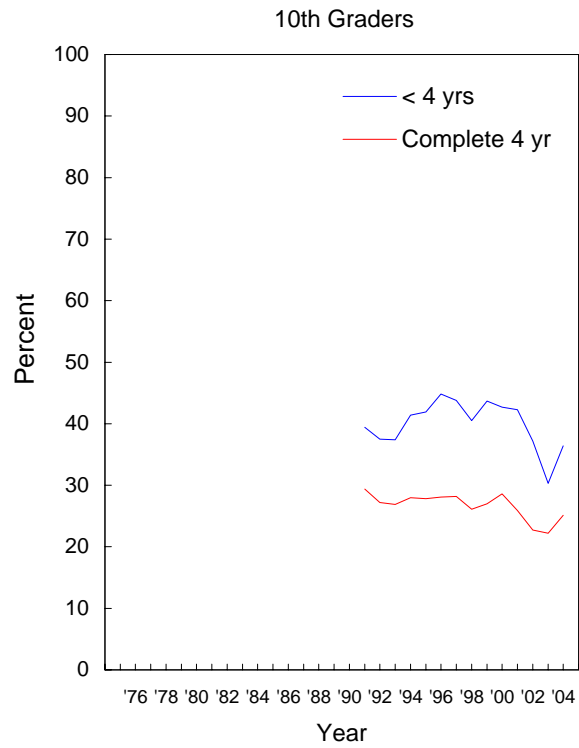
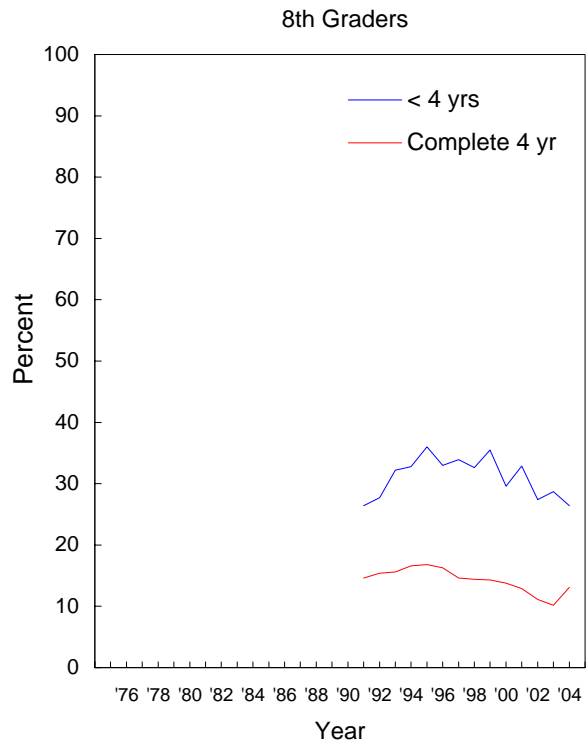


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

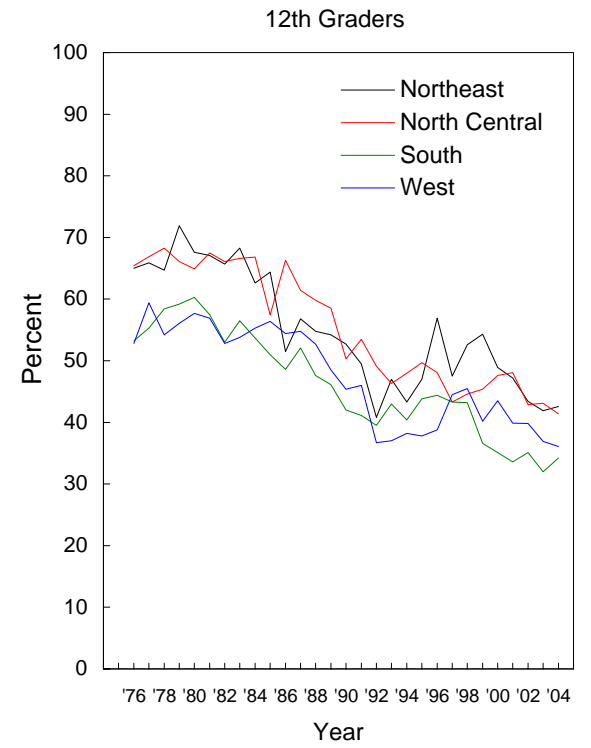
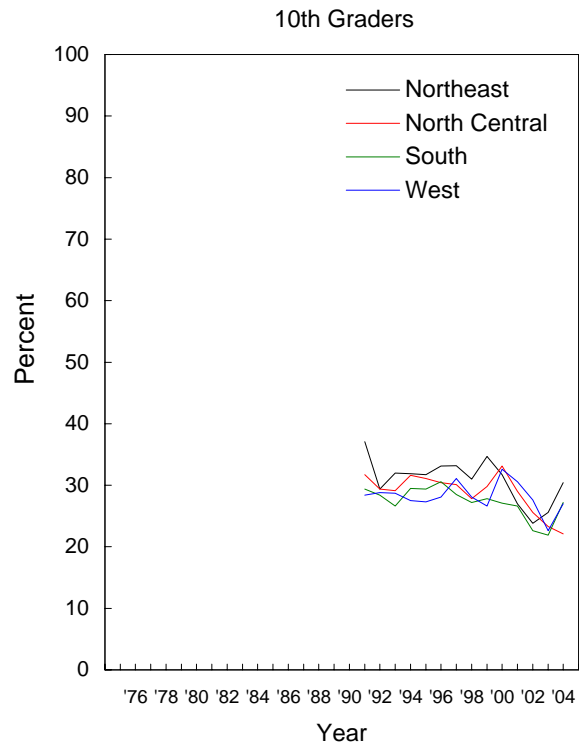
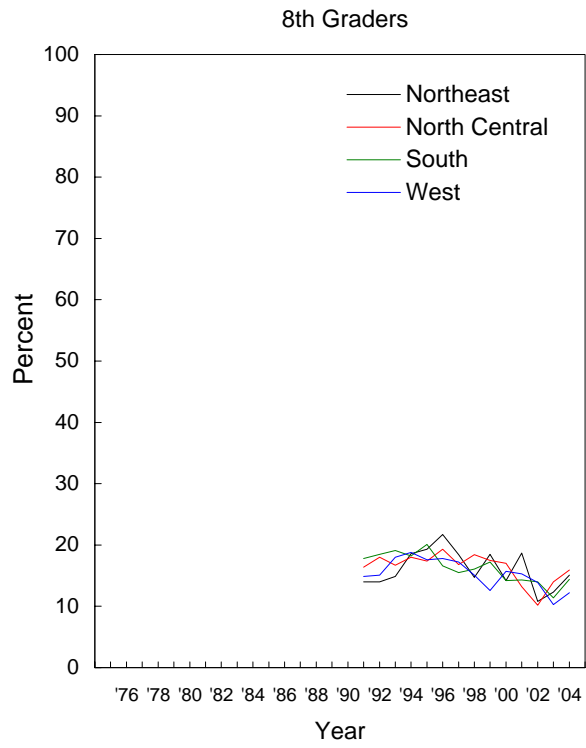
Beer: Trends in 30-Day Prevalence by Gender



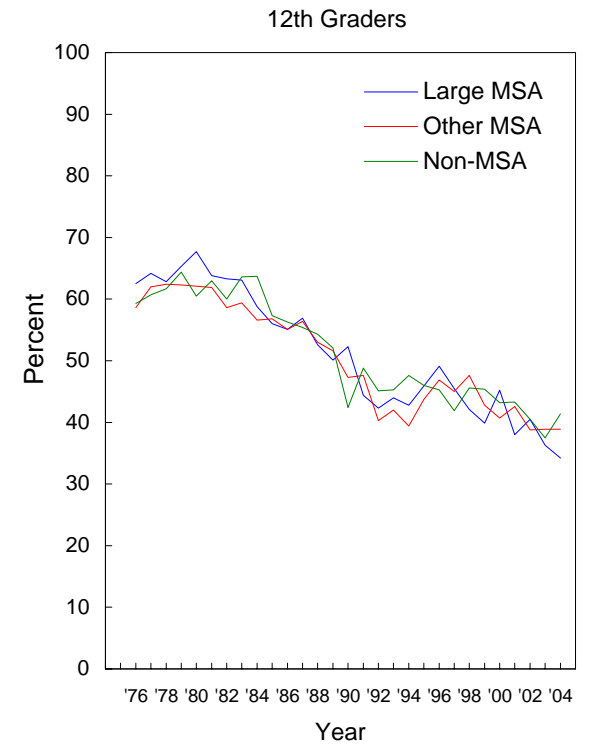
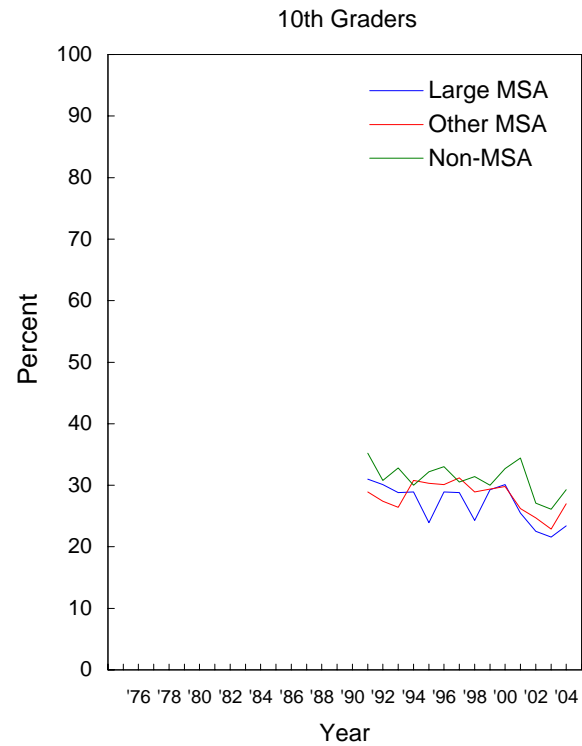
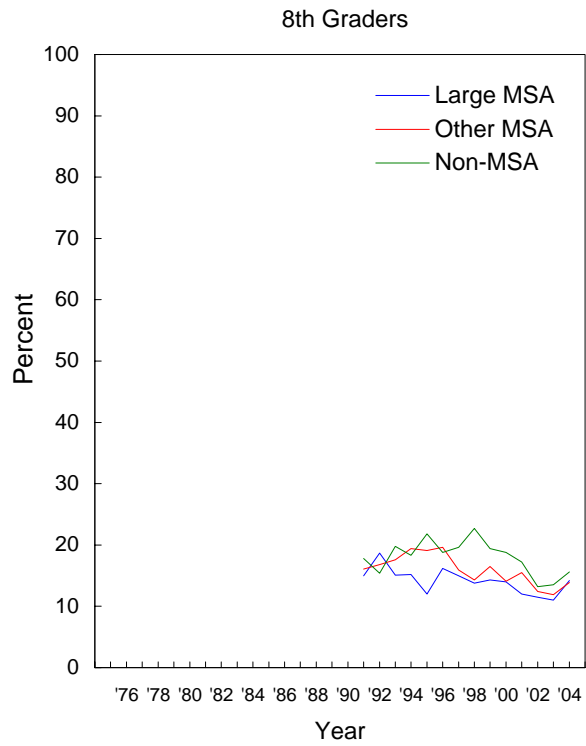
Beer: Trends in 30-Day Prevalence by College Plans



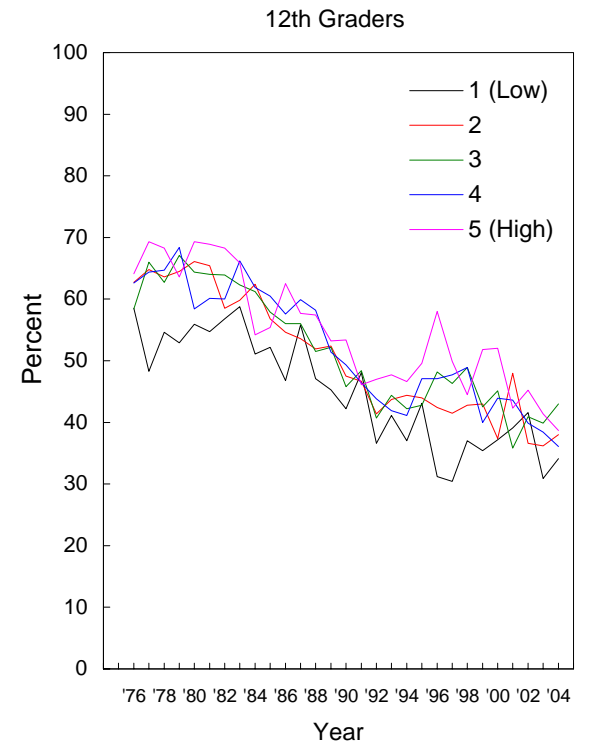
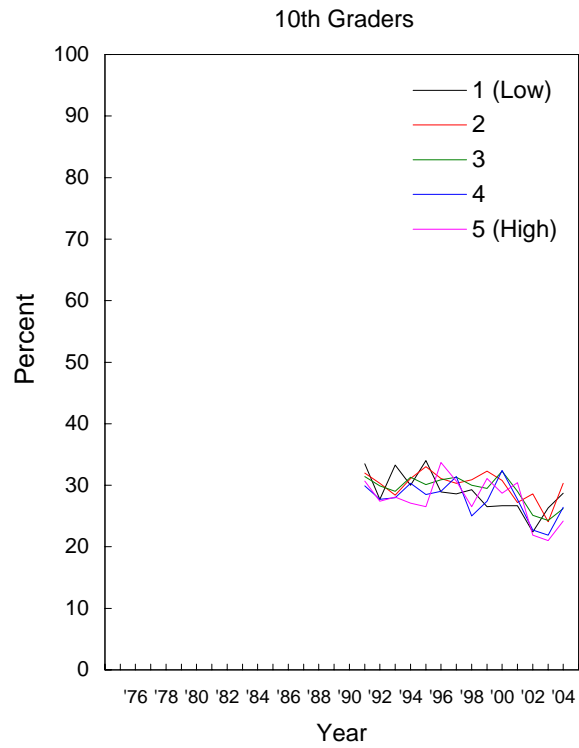
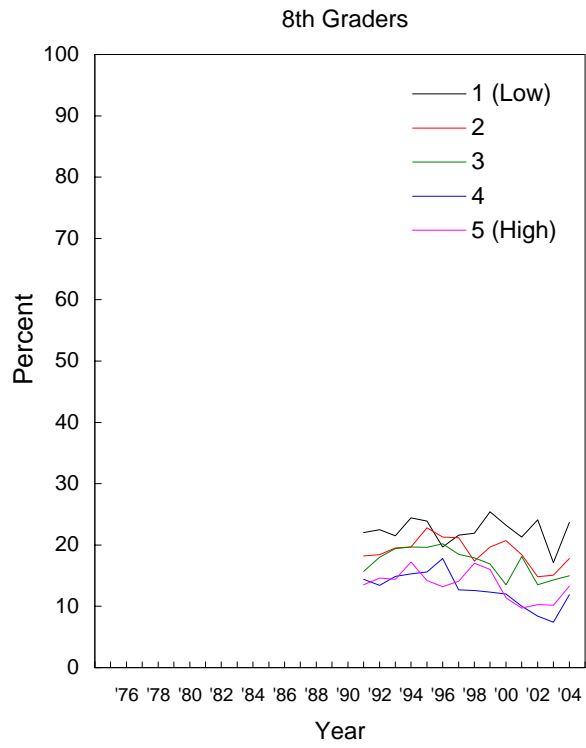
Beer: Trends in 30-Day Prevalence by Region



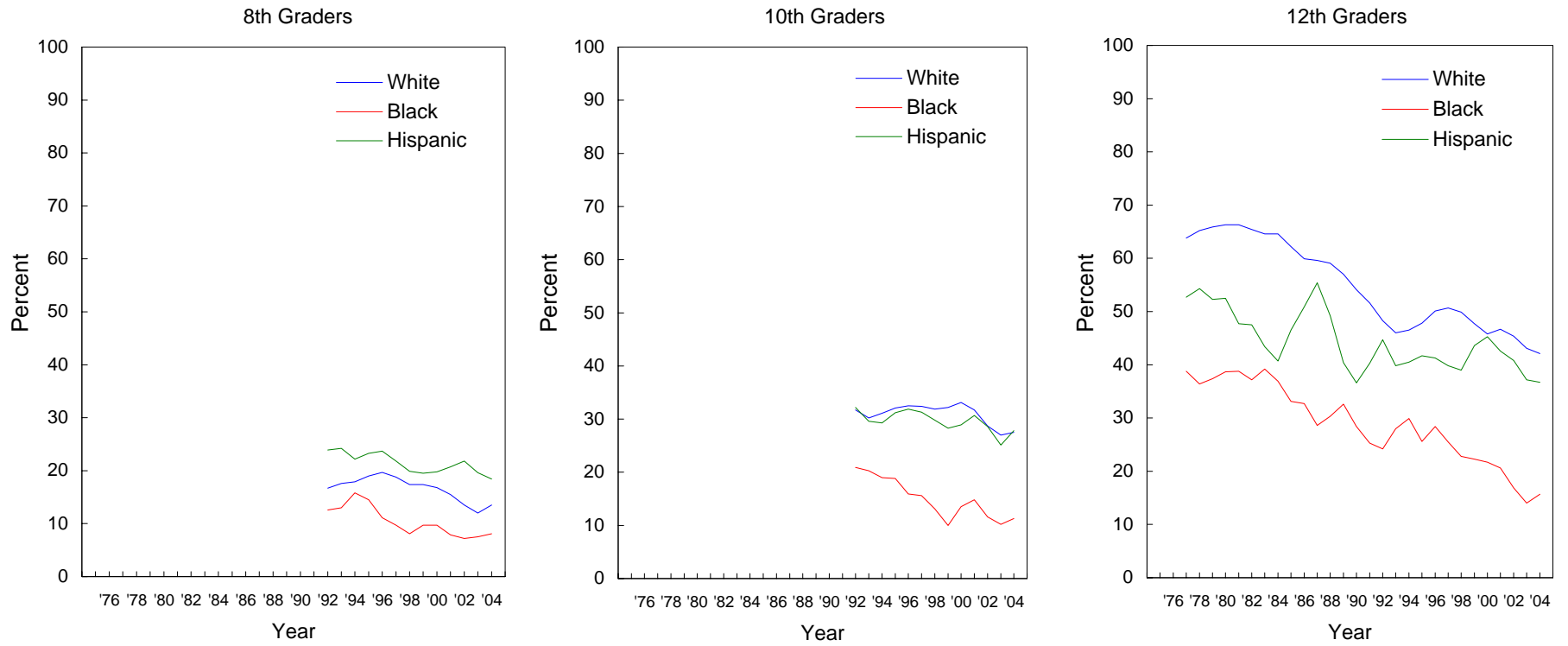
Beer: Trends in 30-Day Prevalence by Population Density



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

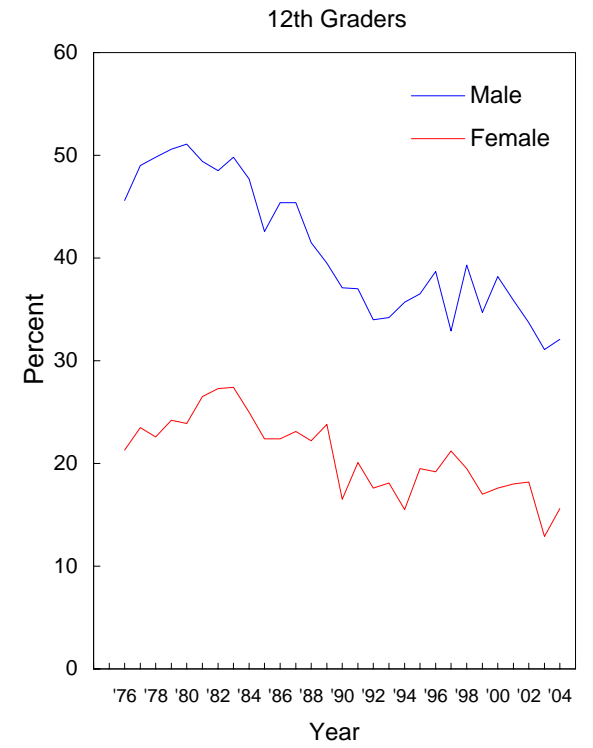
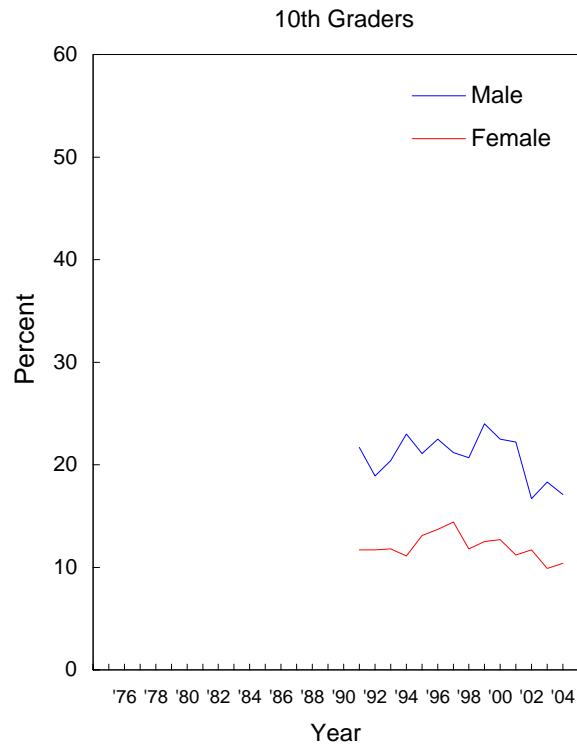
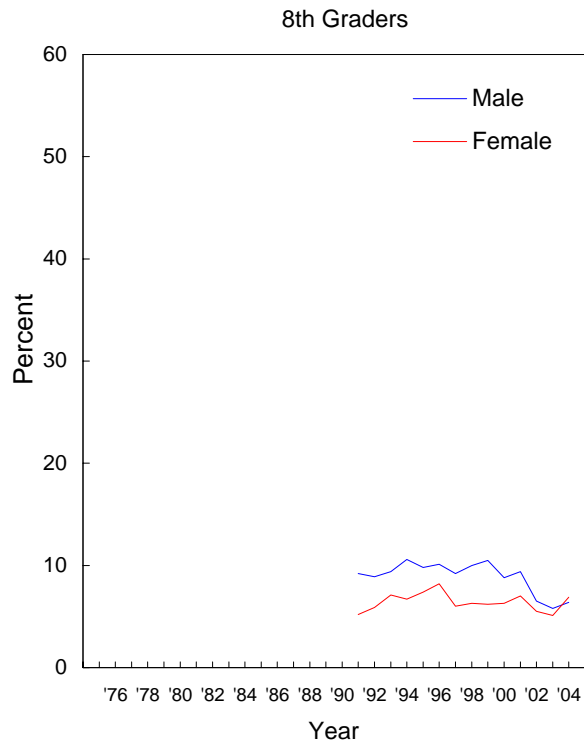


Beer: Trends in 30-Day Prevalence by Race/Ethnicity*

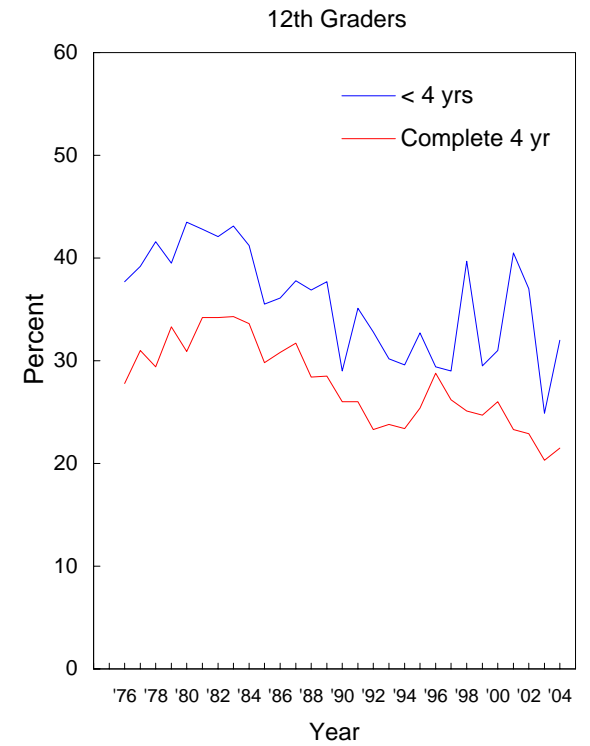
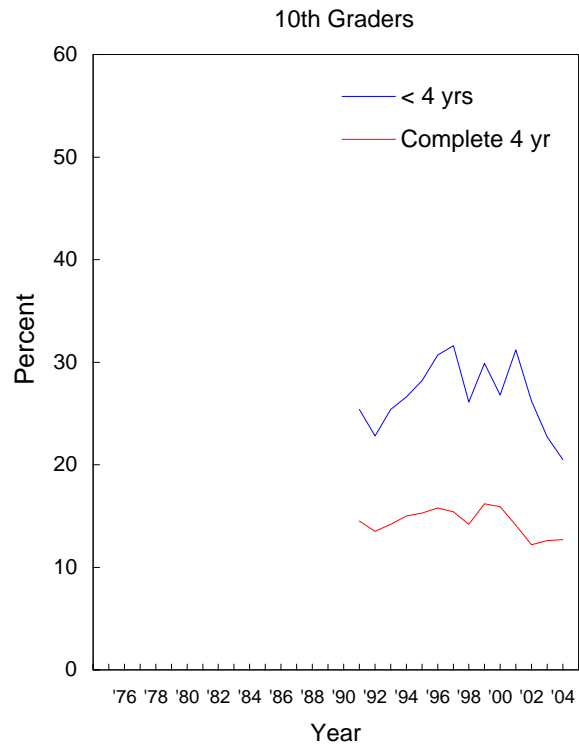
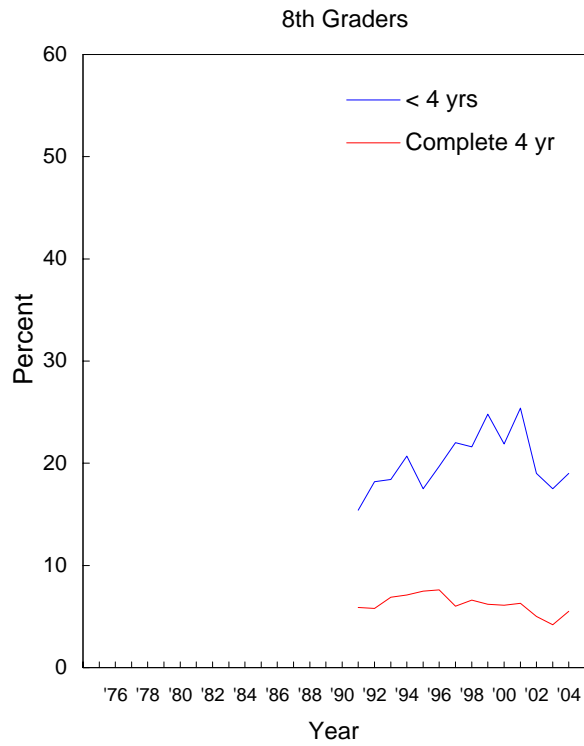


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

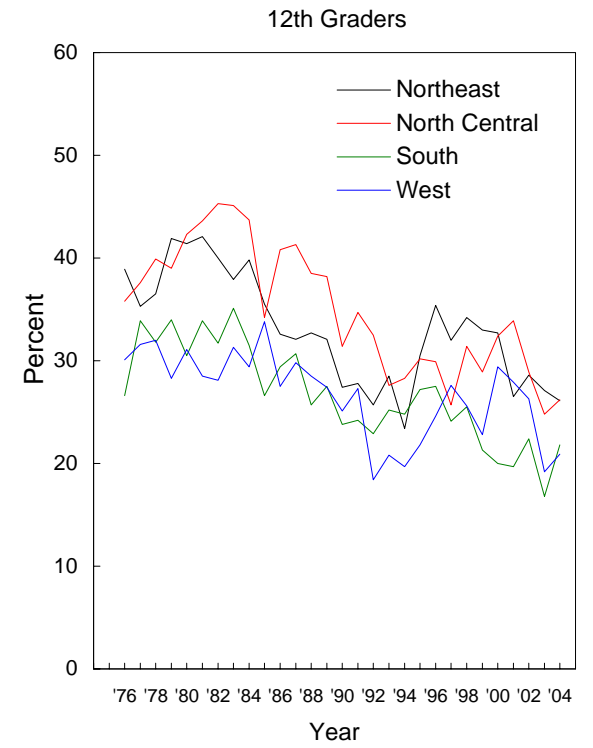
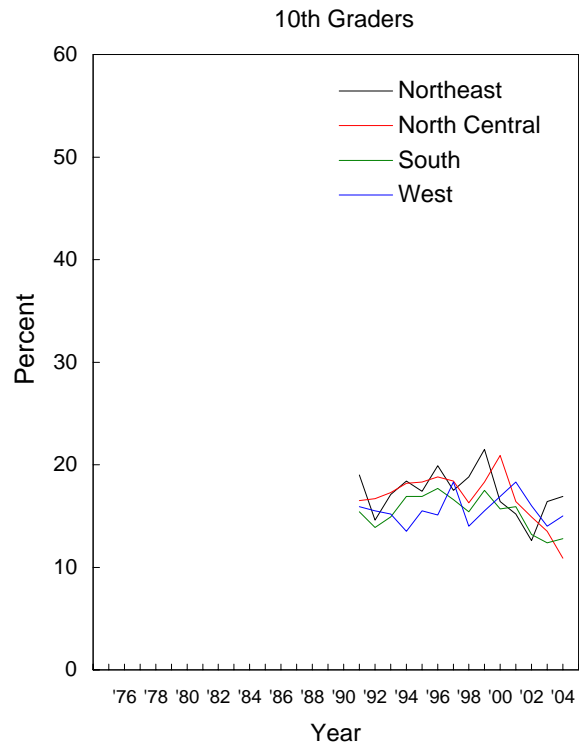
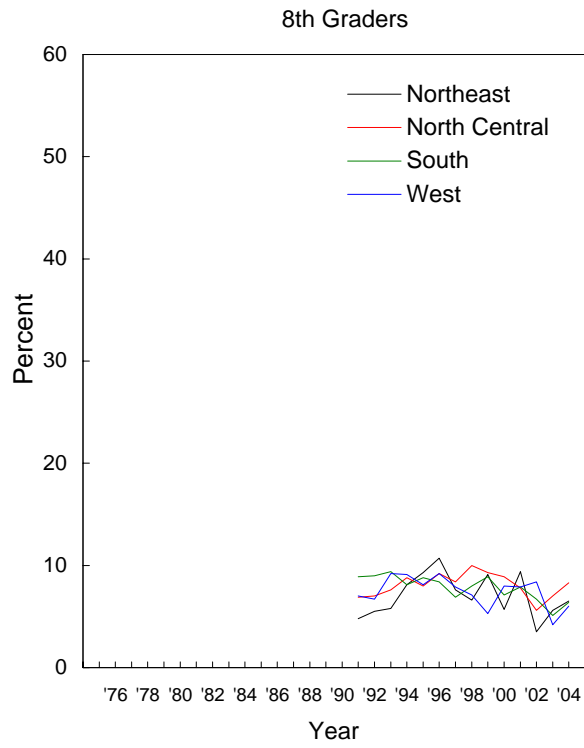
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Gender



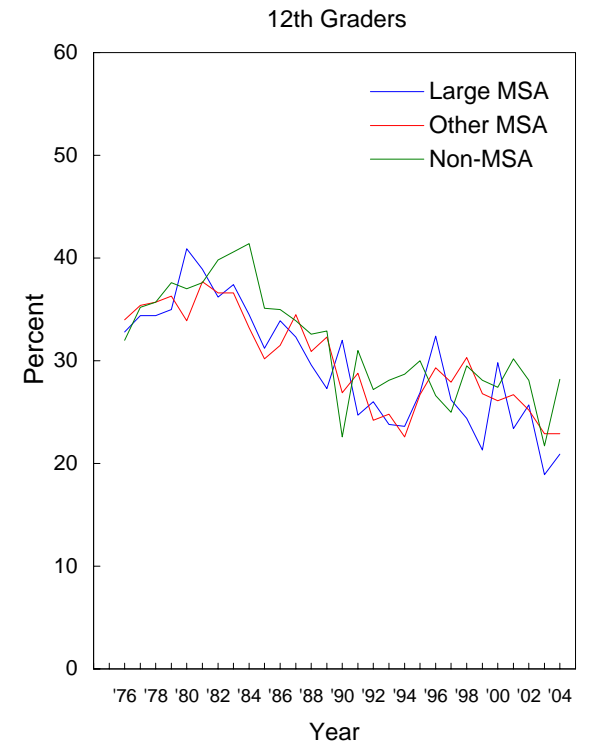
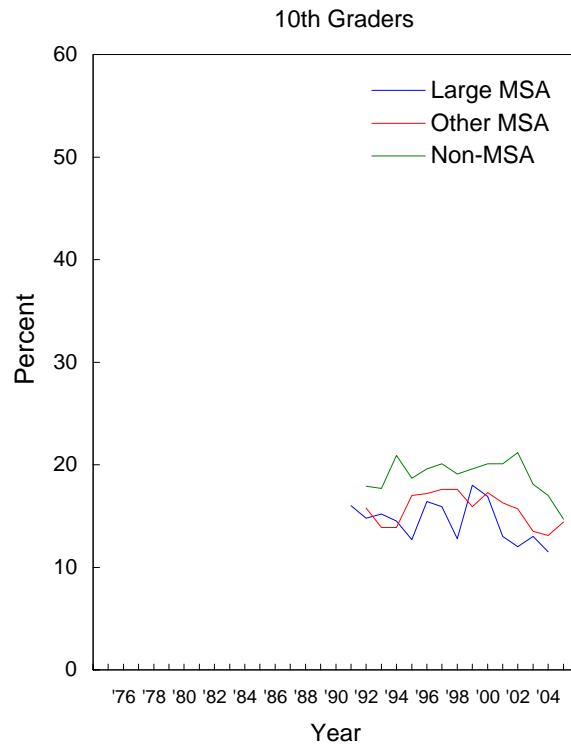
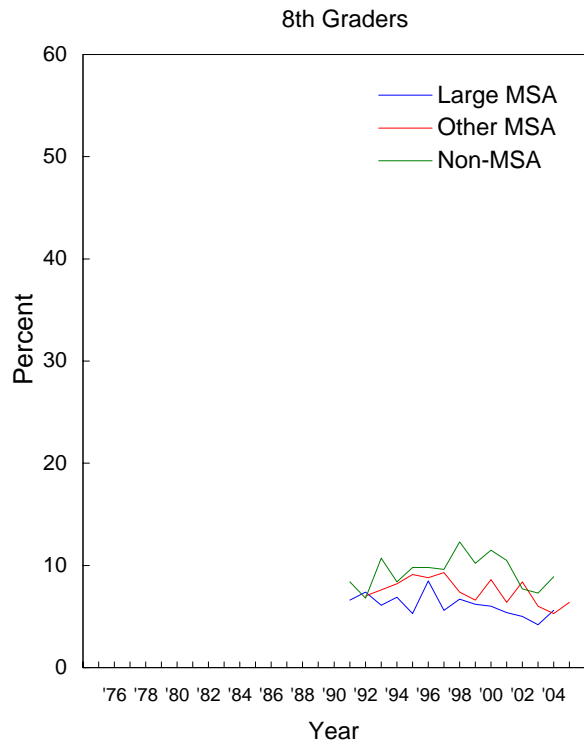
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by College Plans



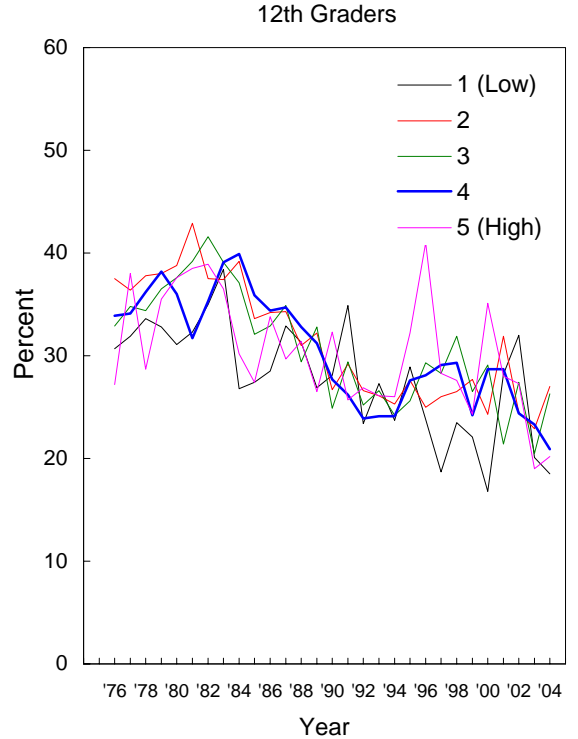
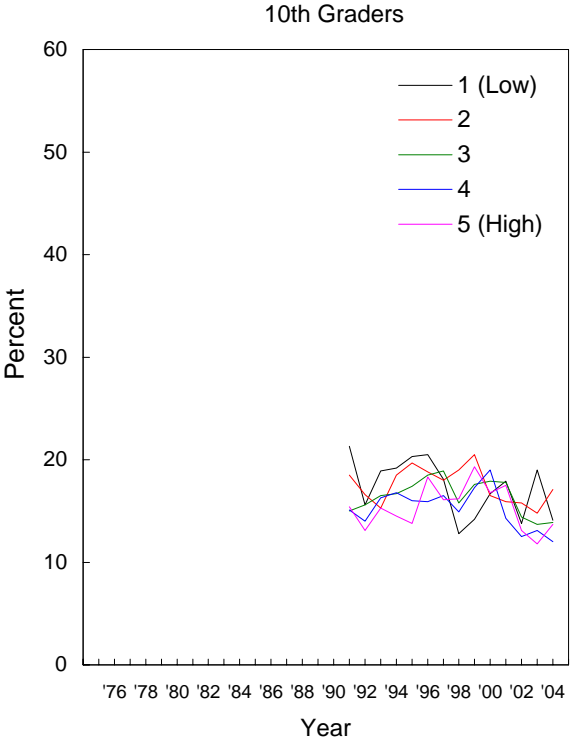
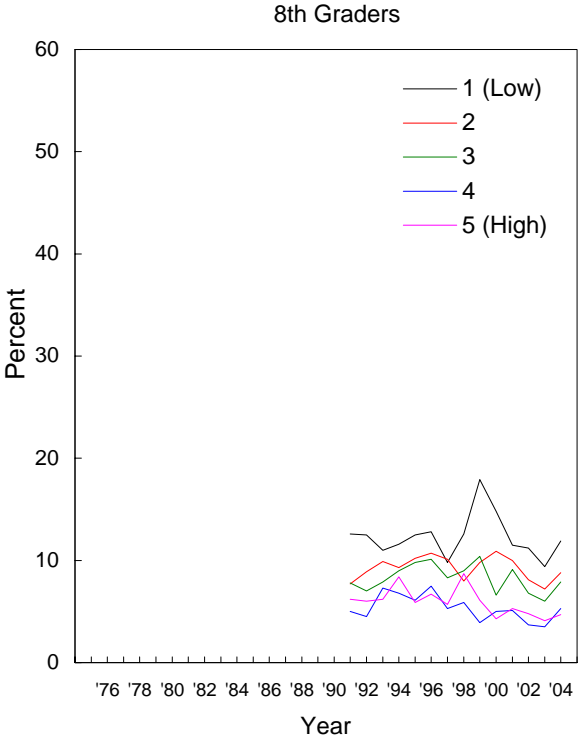
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Region



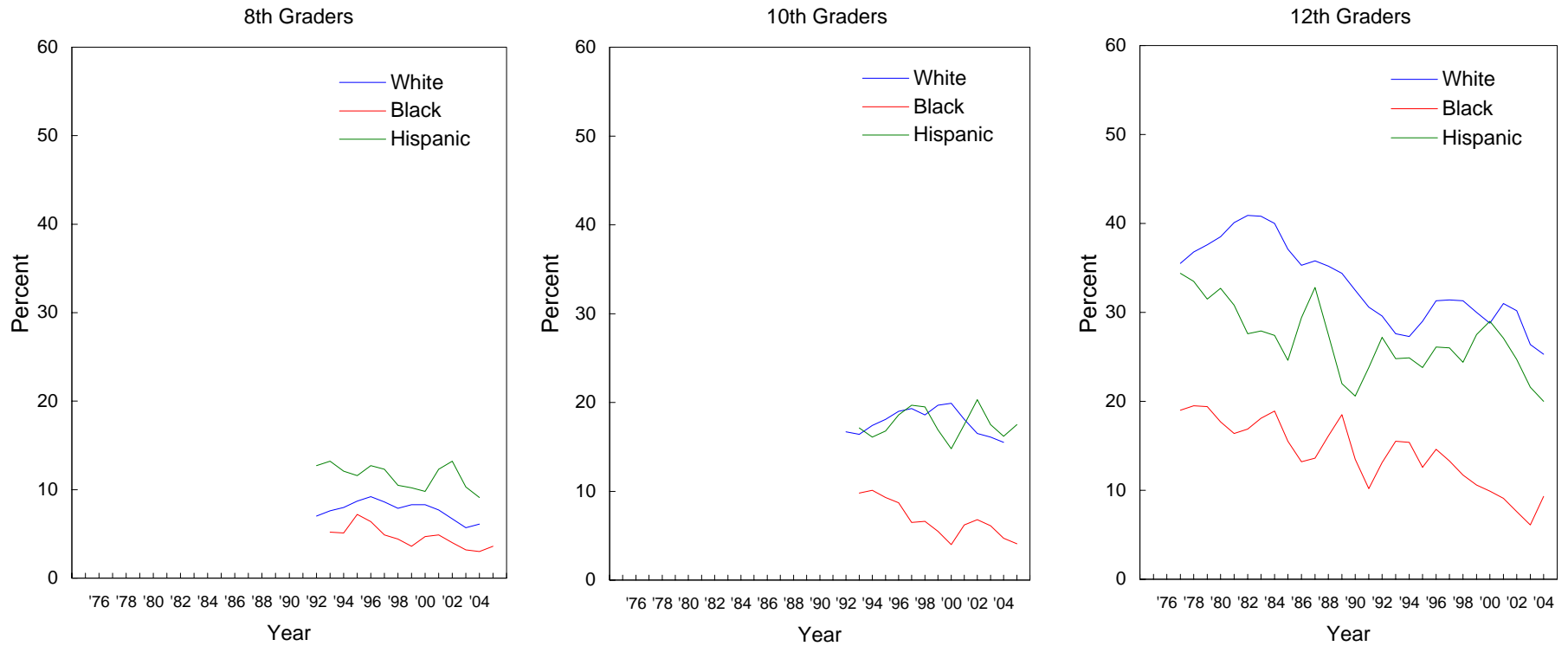
Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Population Density



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

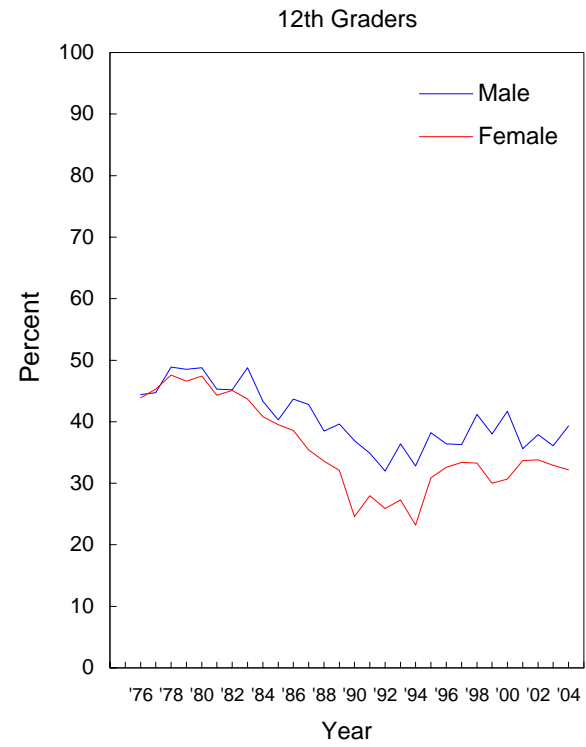


Beer: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Race/Ethnicity*

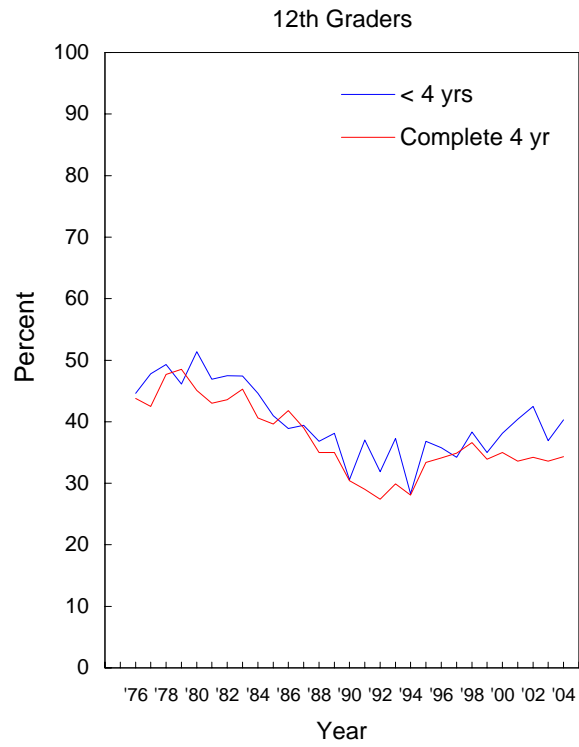


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

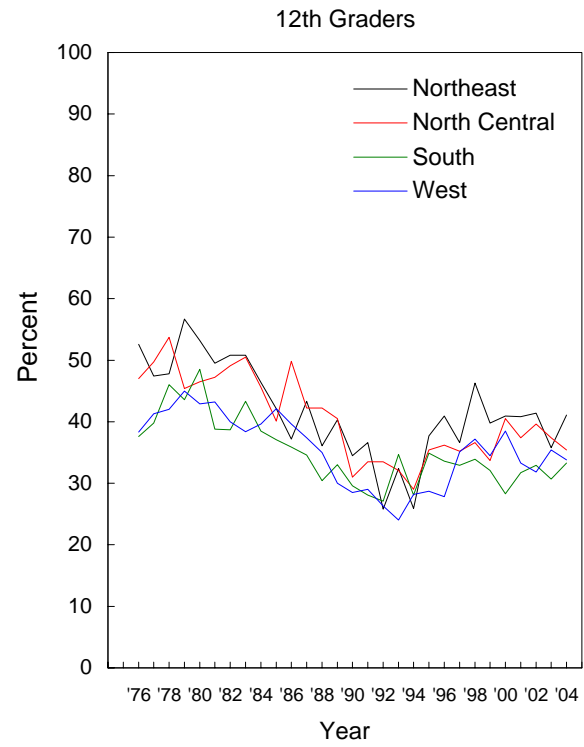
Liquor: Trends in 30-Day Prevalence by Gender



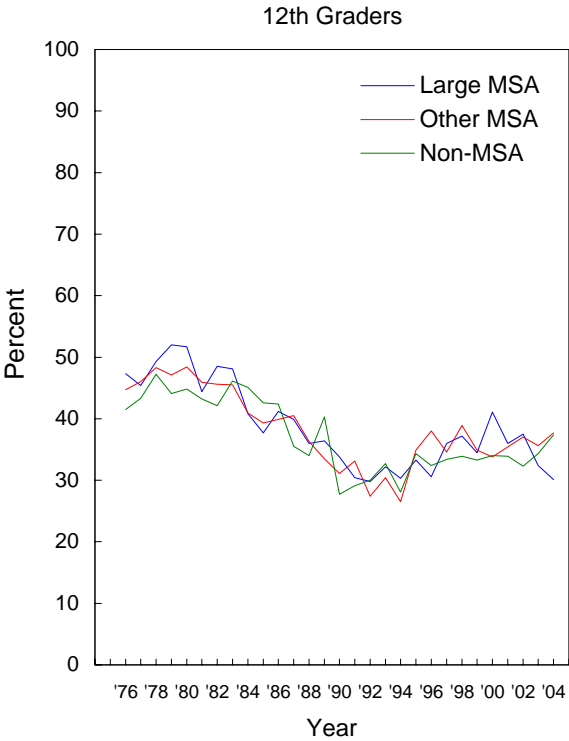
Liquor: Trends in 30-Day Prevalence by College Plans



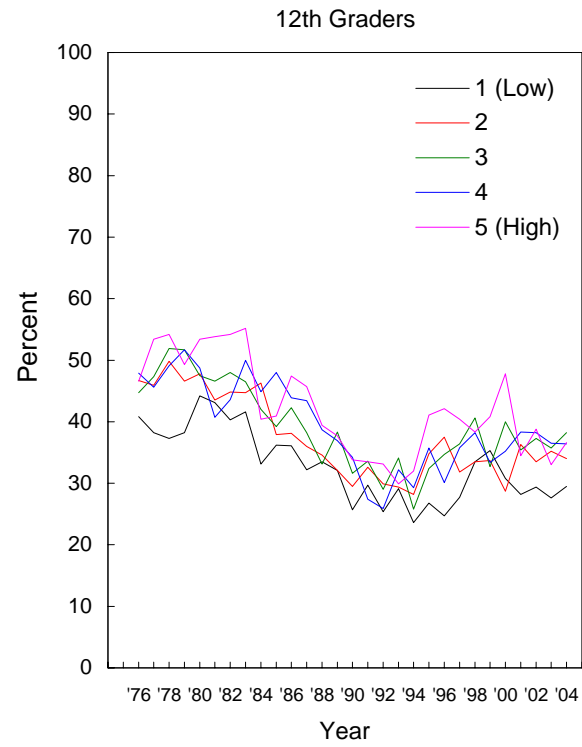
Liquor: Trends in 30-Day Prevalence by Region



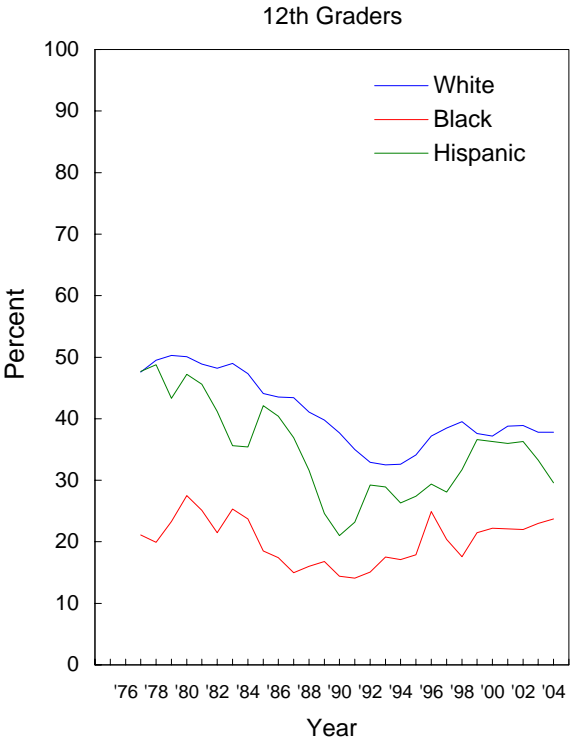
Liquor: Trends in 30-Day Prevalence by Population Density



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

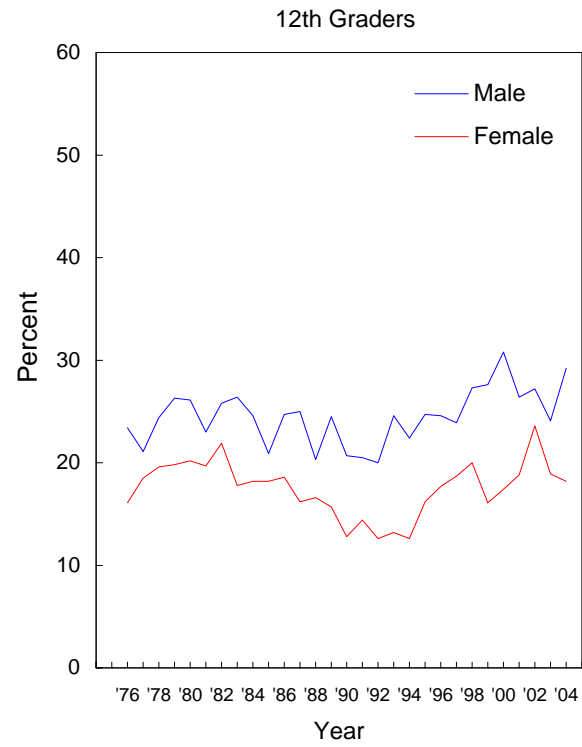


Liquor: Trends in 30-Day Prevalence by Race/Ethnicity*

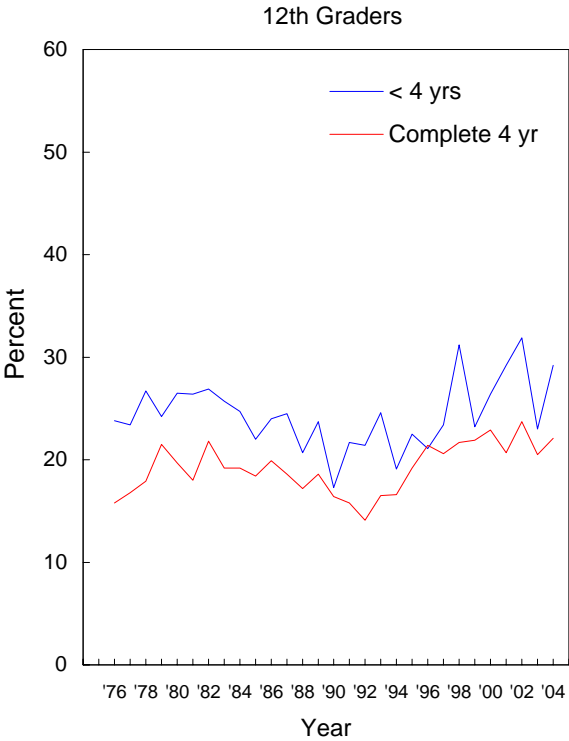


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

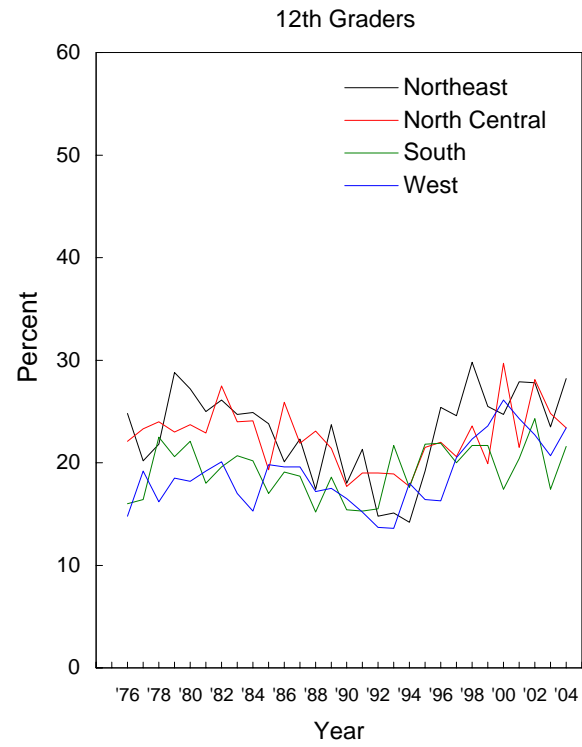
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Gender



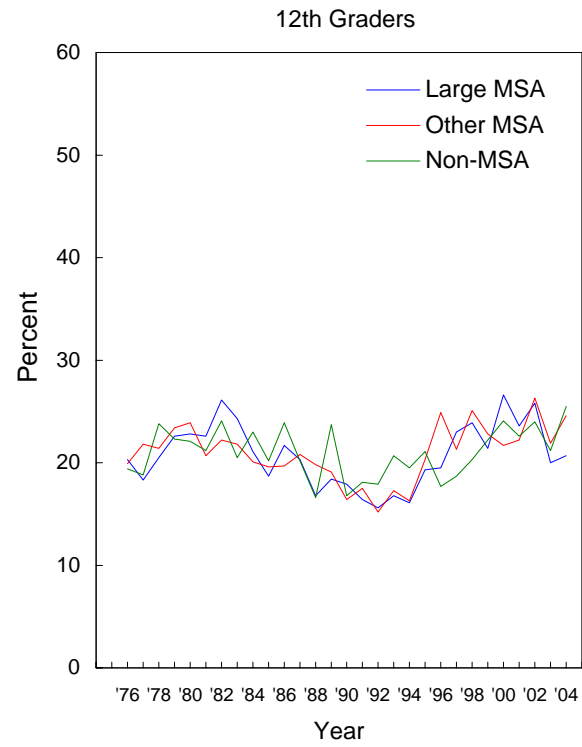
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by College Plans



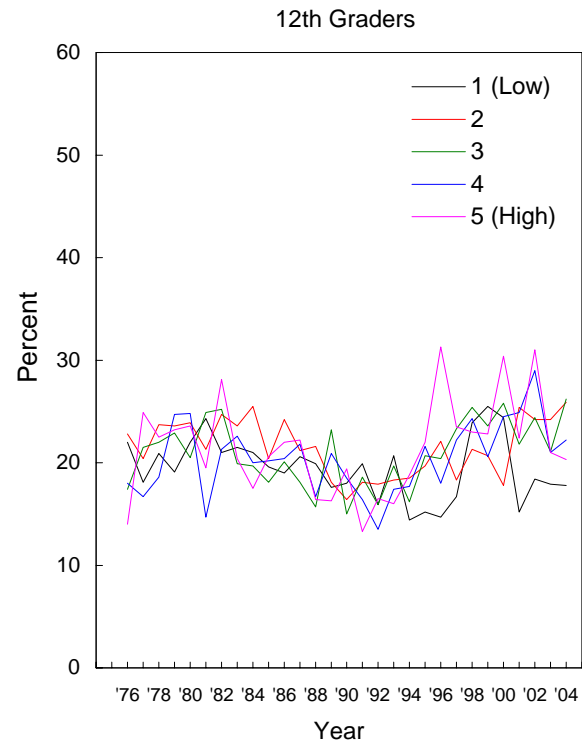
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Region



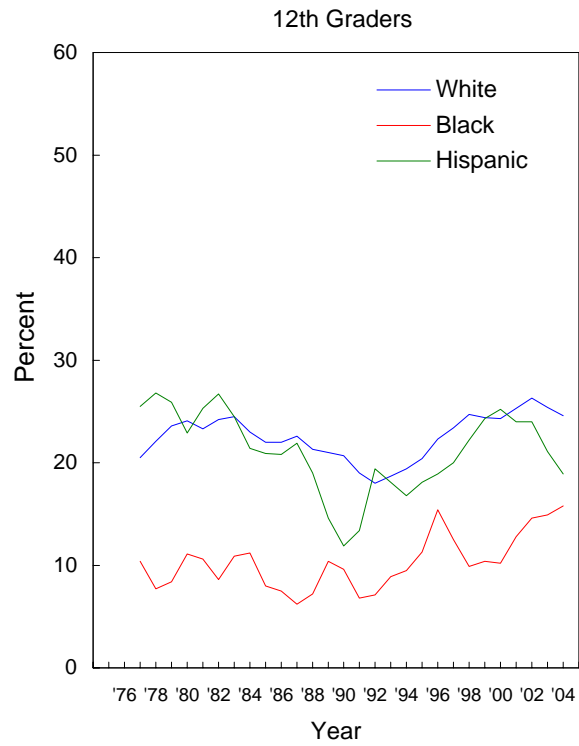
Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Population Density



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

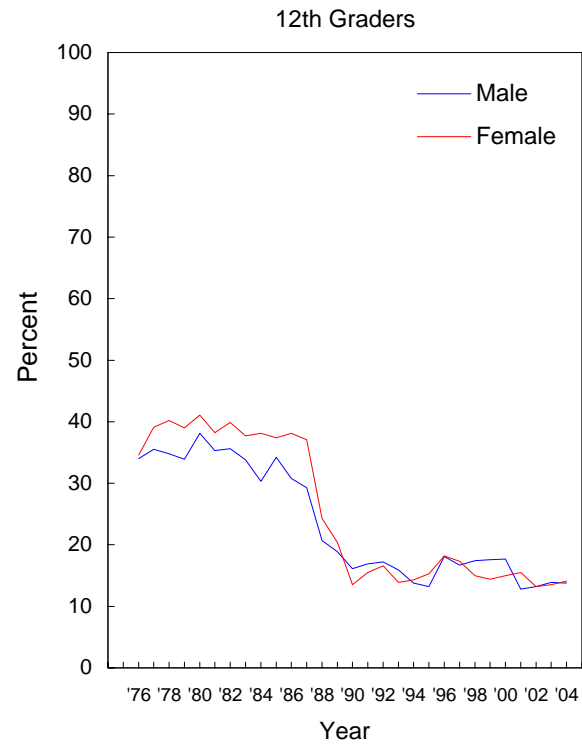


Liquor: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Race/Ethnicity*



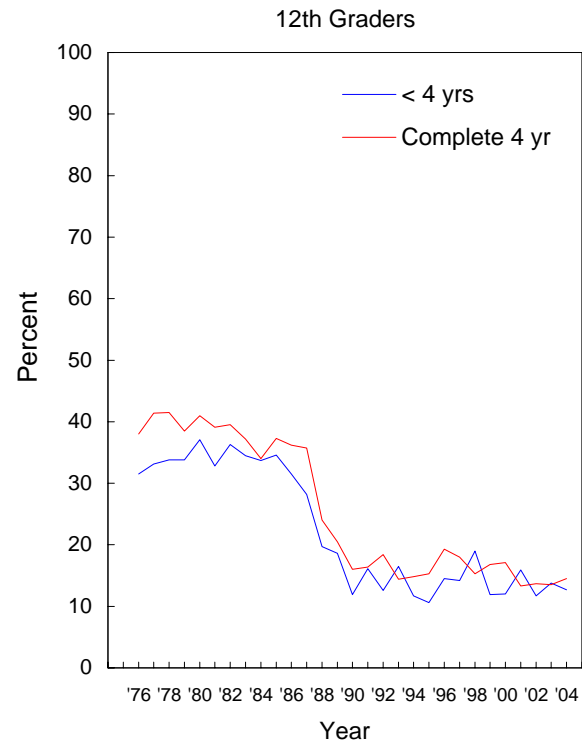
*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Wine:* Trends in 30-Day Prevalence by Gender



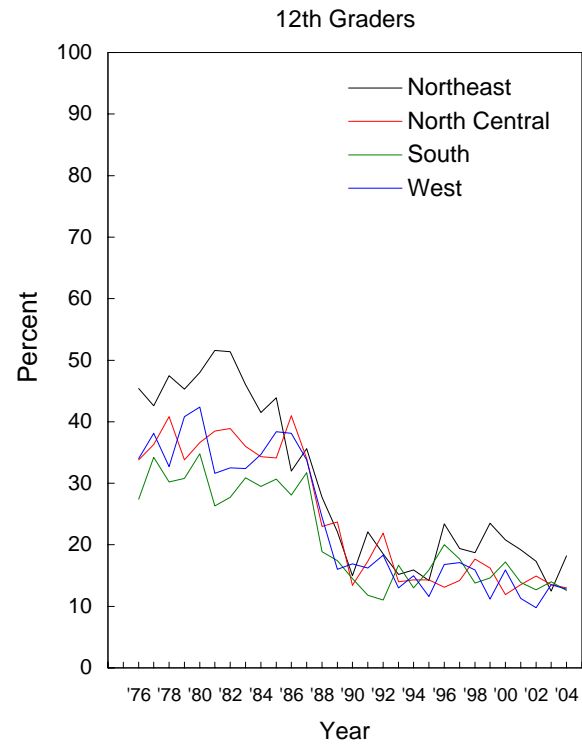
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

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



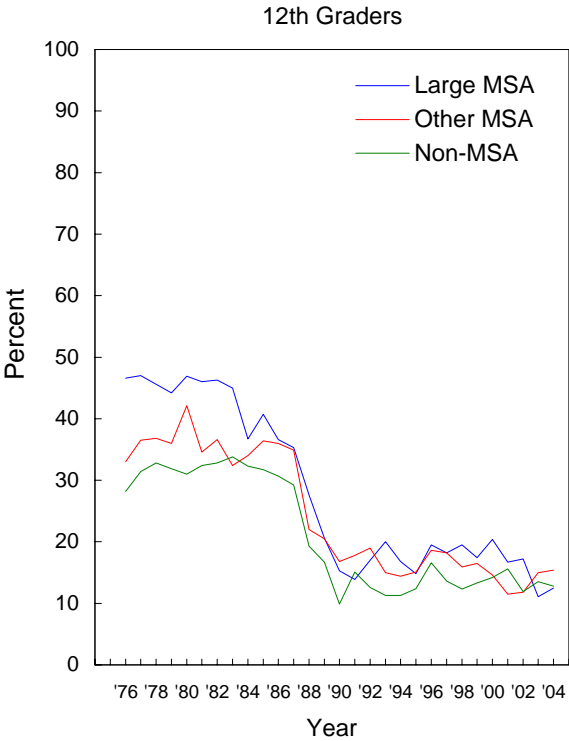
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in 30-Day Prevalence by Region



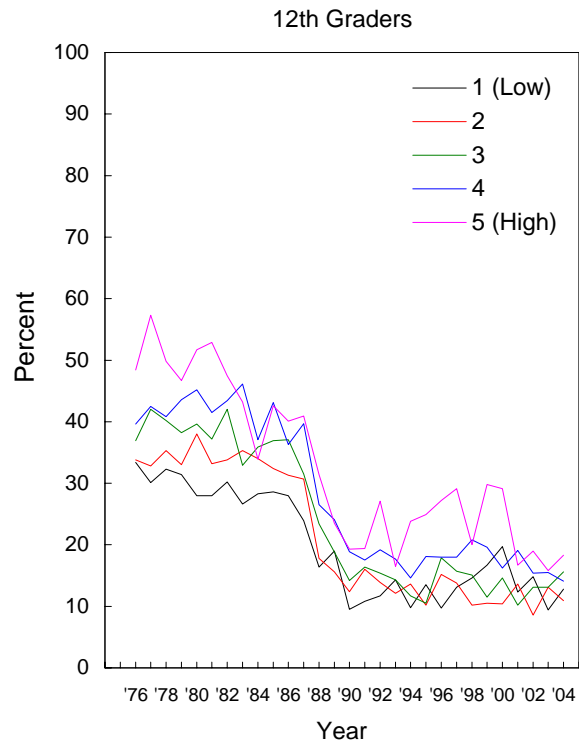
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

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



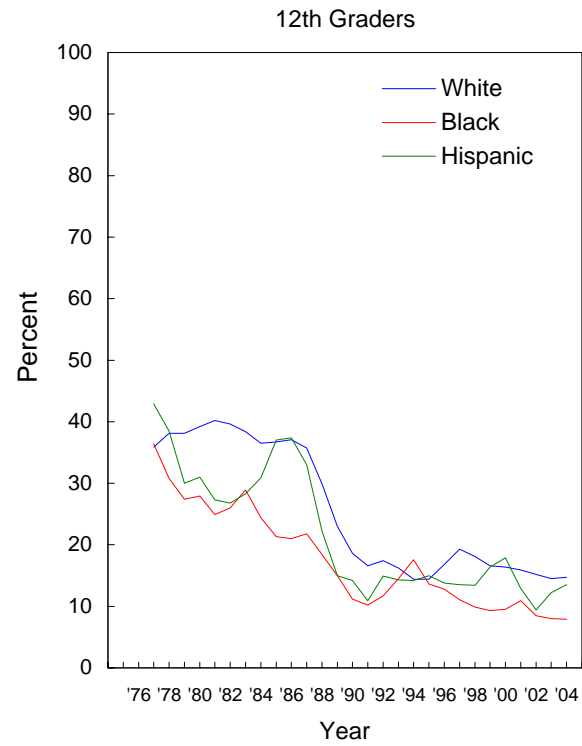
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

Wine:* Trends in 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.

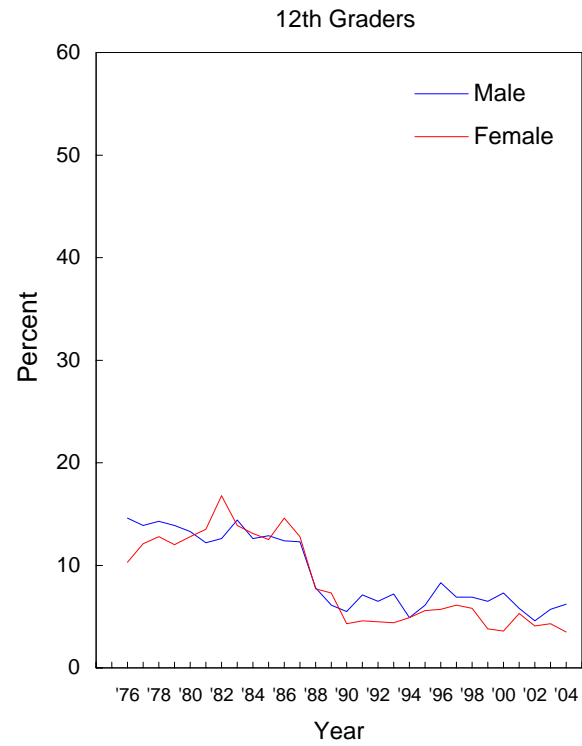
Wine:* Trends in 30-Day Prevalence by Race/Ethnicity**



*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.

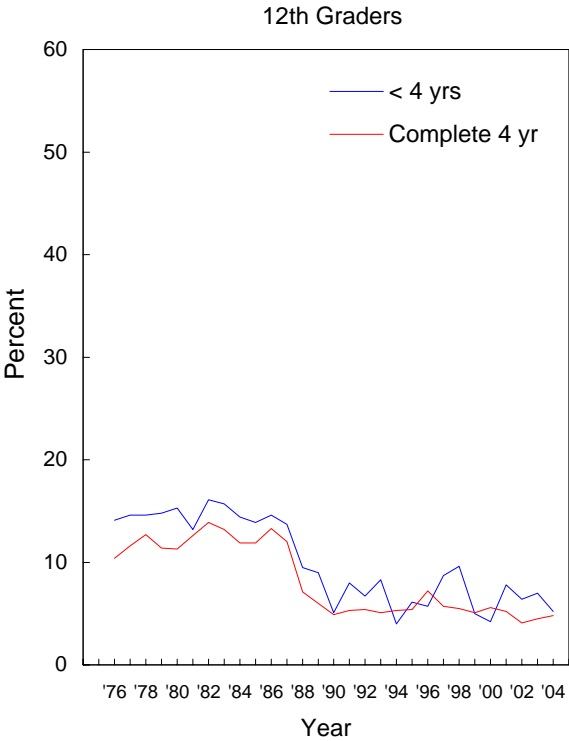
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

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



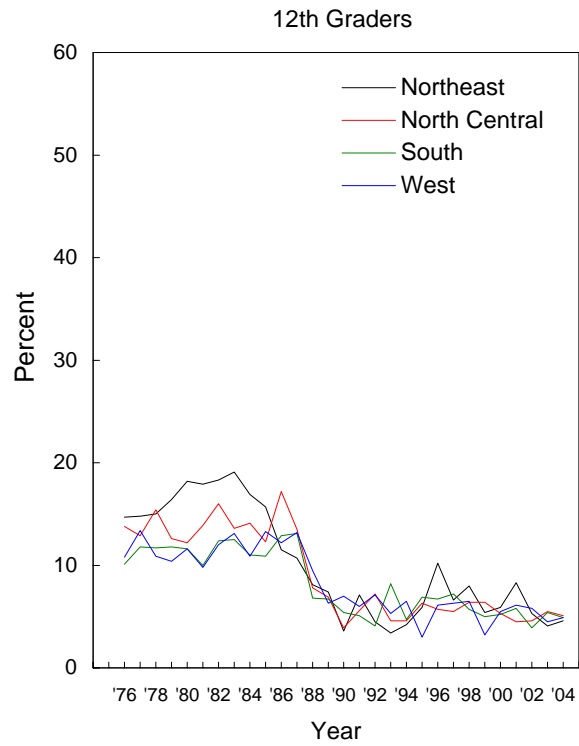
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

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



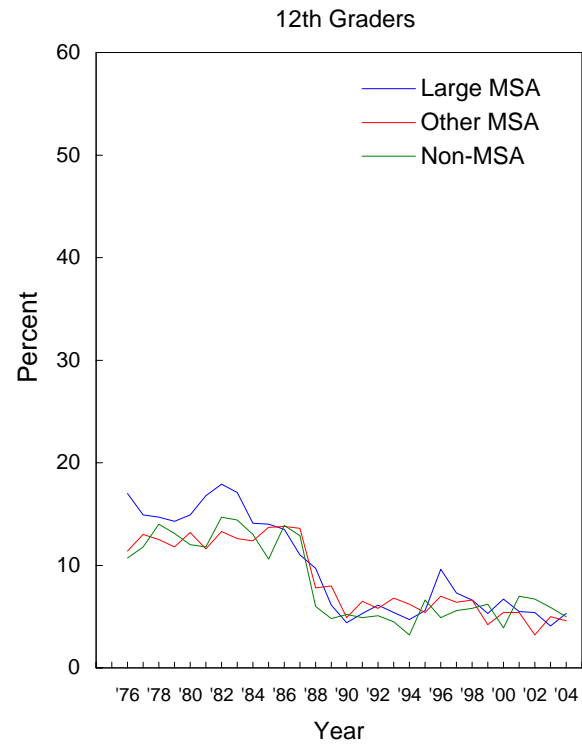
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

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



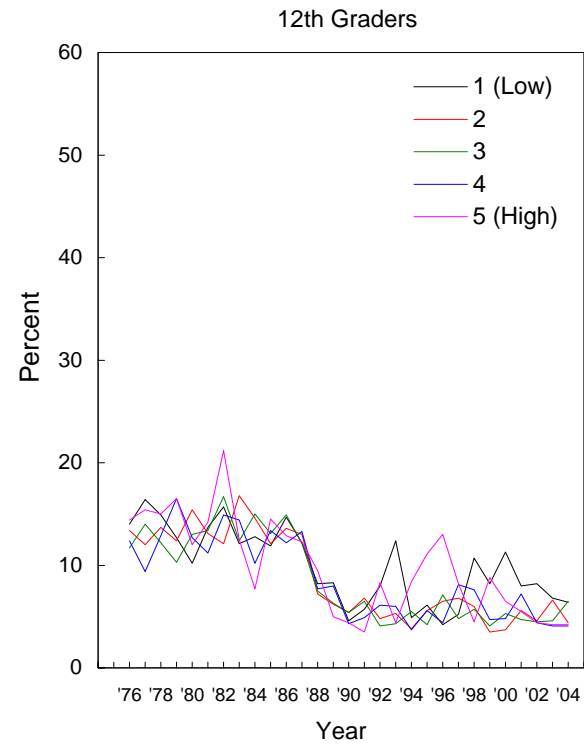
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

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



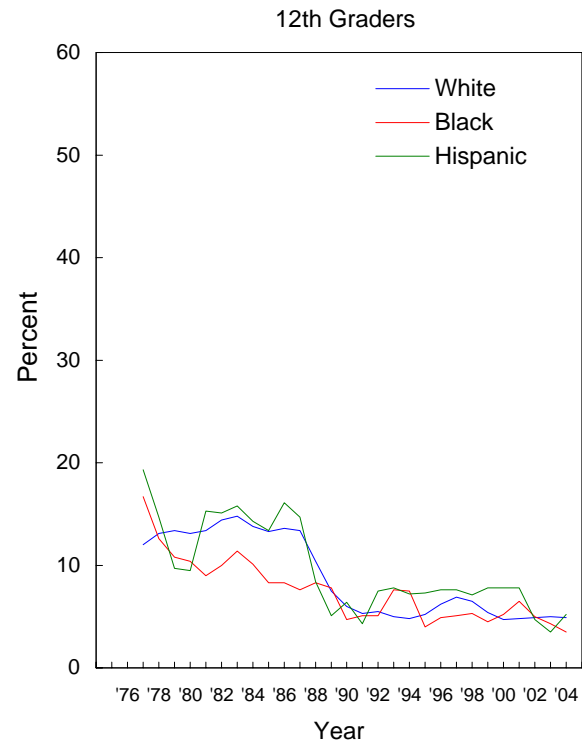
*In the 1988 questionnaires, a question on the use of wine coolers was added. This change may account for the discontinuity between the 1987 and 1988 use rates for wine.

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.

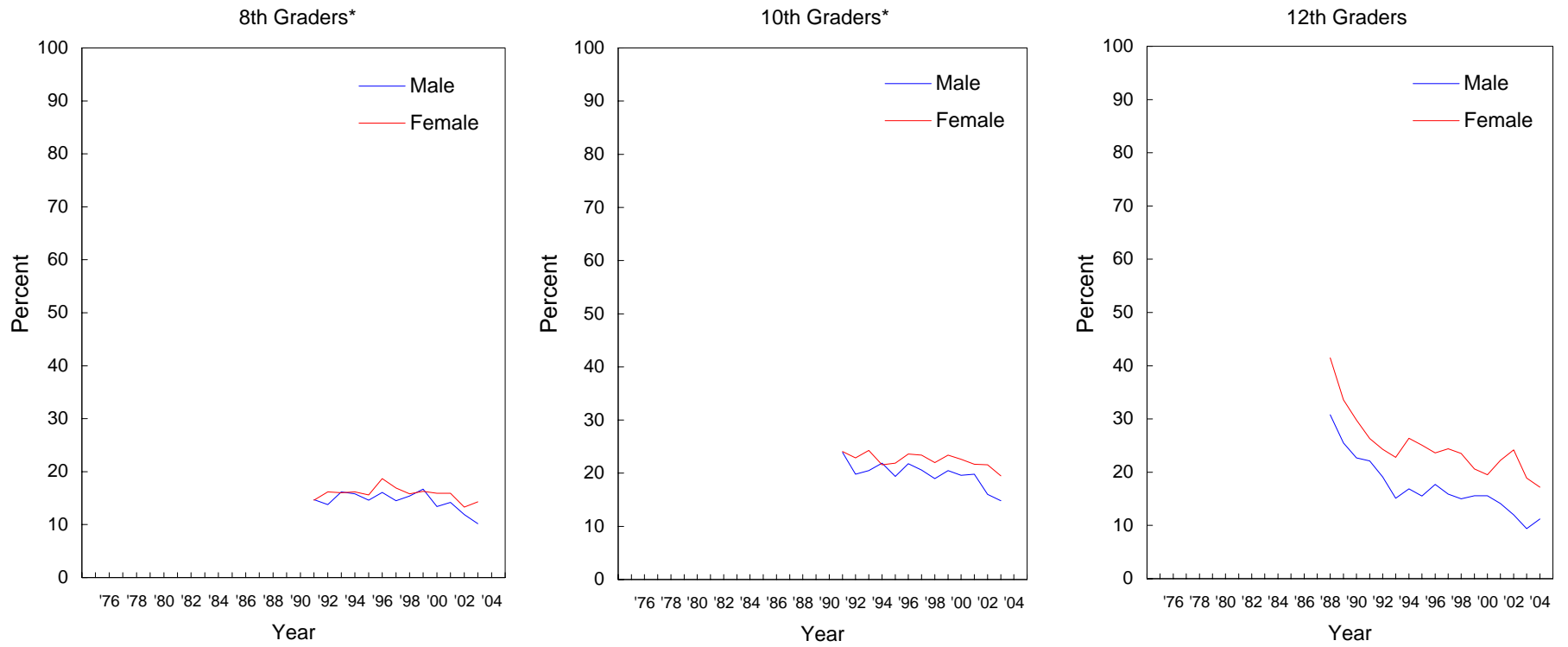
Wine:* Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Race/Ethnicity**



*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.

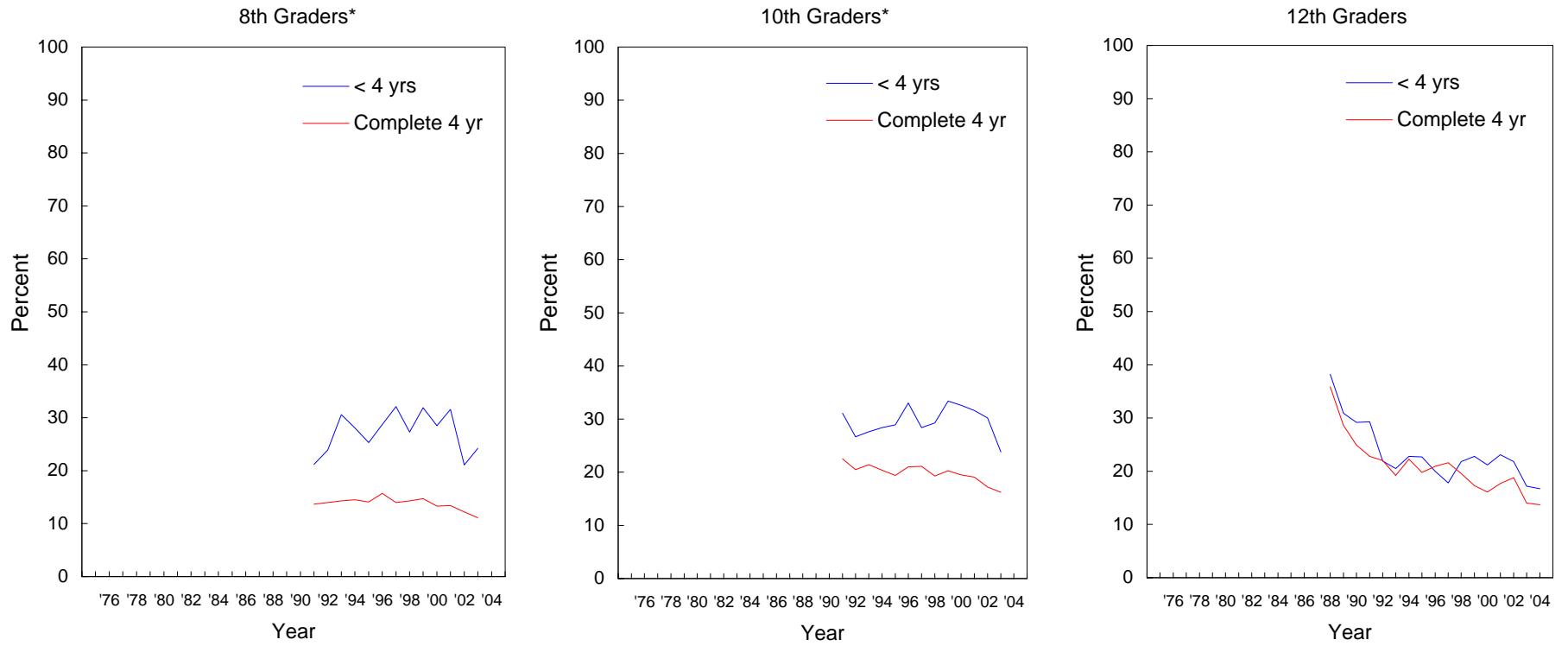
**These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Wine Coolers: Trends in 30-Day Prevalence by Gender



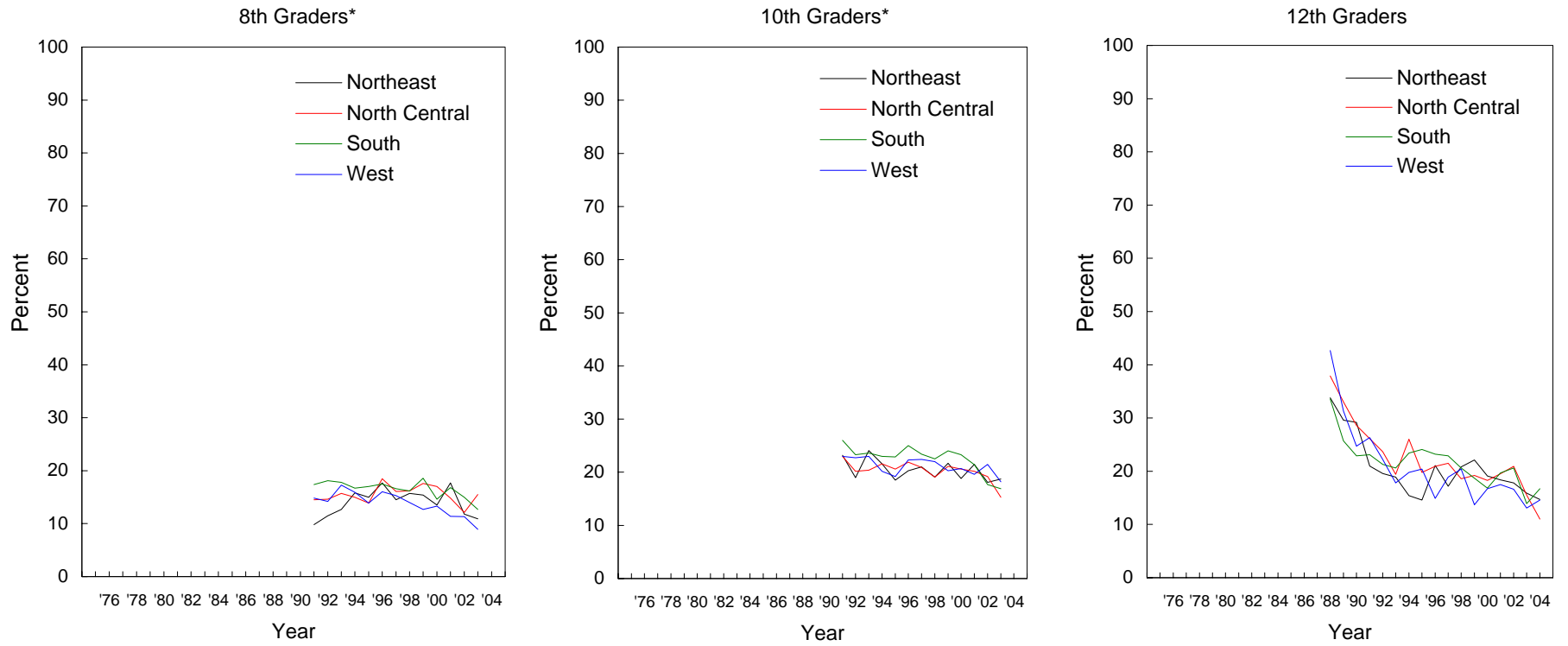
*Question discontinued for eighth and tenth graders in 2004.

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



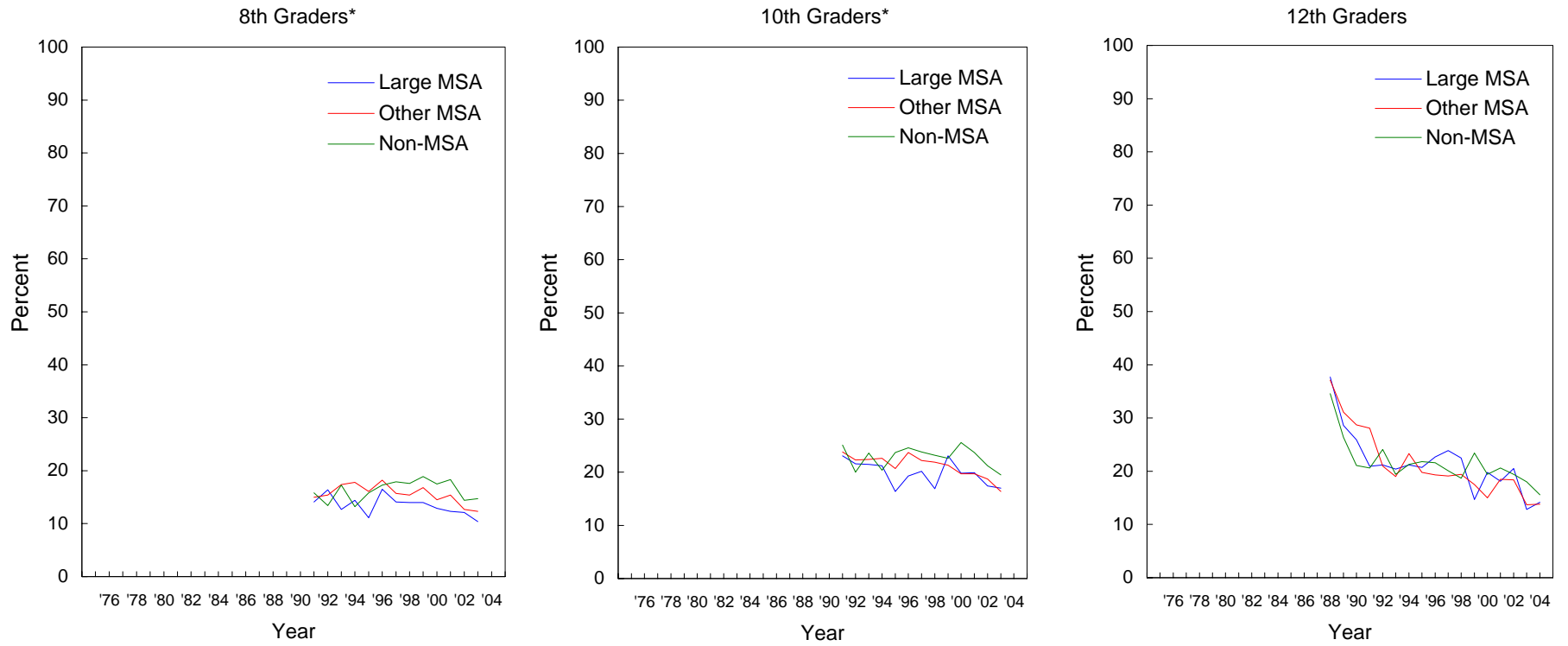
*Question discontinued for eighth and tenth graders in 2004.

Wine Coolers: Trends in 30-Day Prevalence by Region



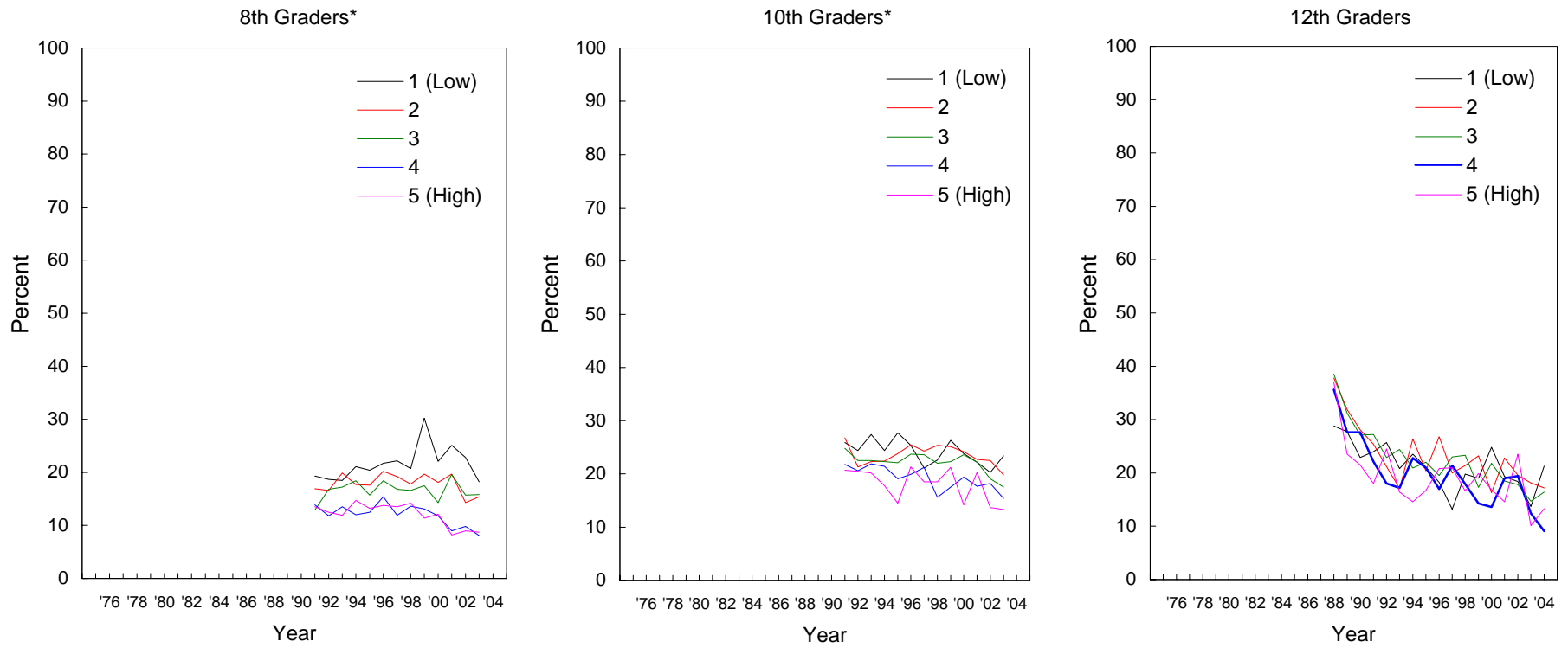
*Question discontinued for eighth and tenth graders in 2004.

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



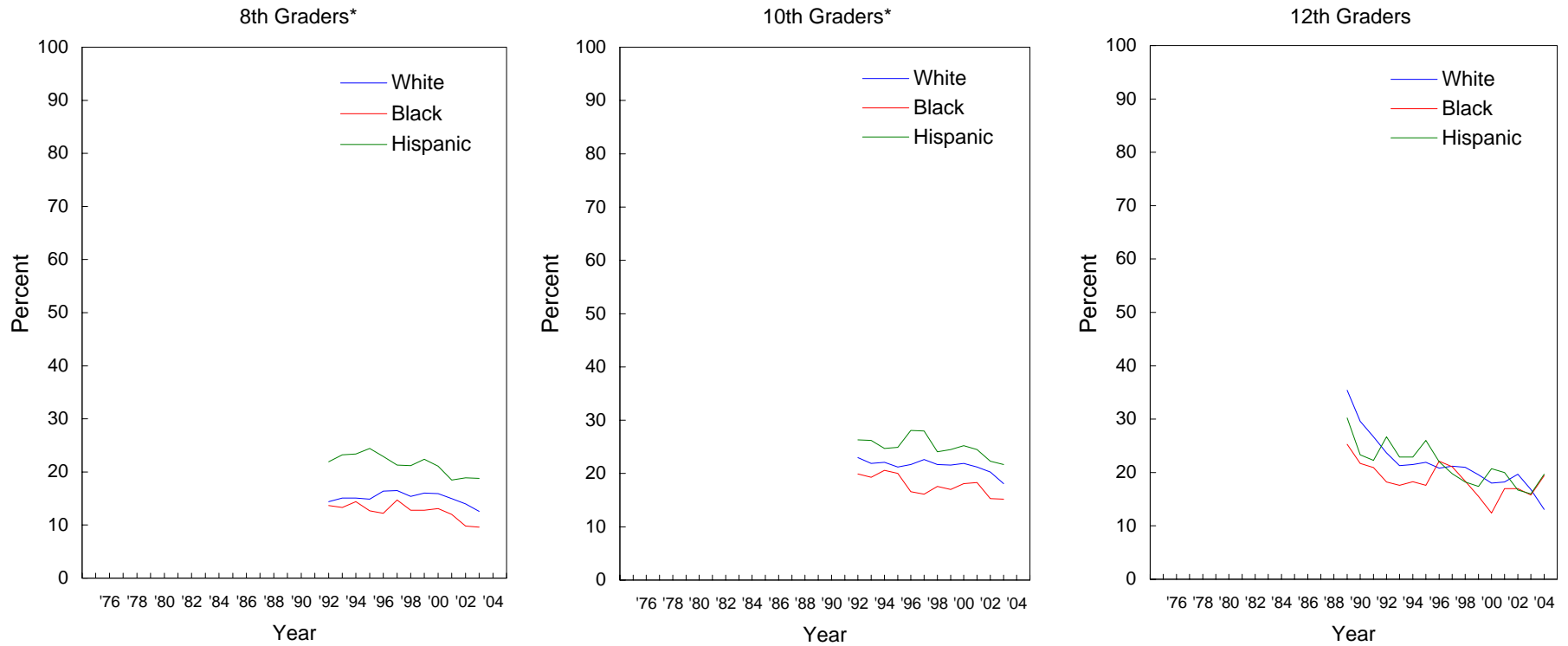
*Question discontinued for eighth and tenth graders in 2004.

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



*Question discontinued for eighth and tenth graders in 2004.

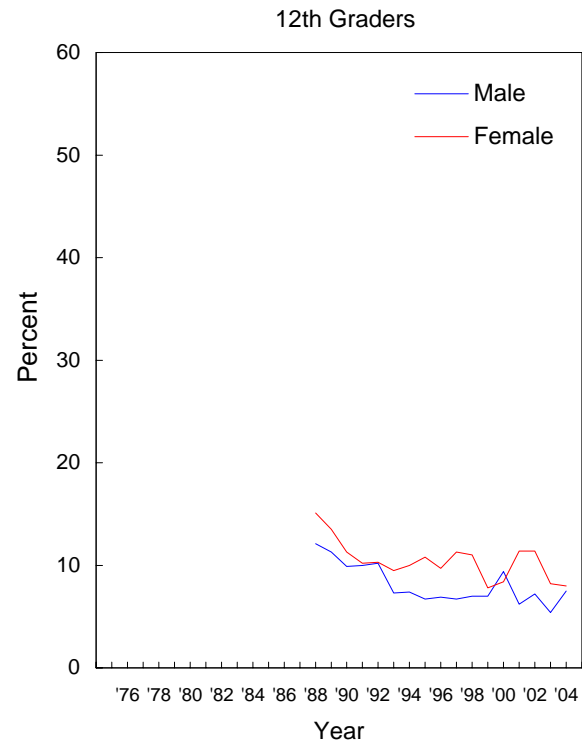
Wine Coolers: Trends in 30-Day Prevalence by Race/Ethnicity**



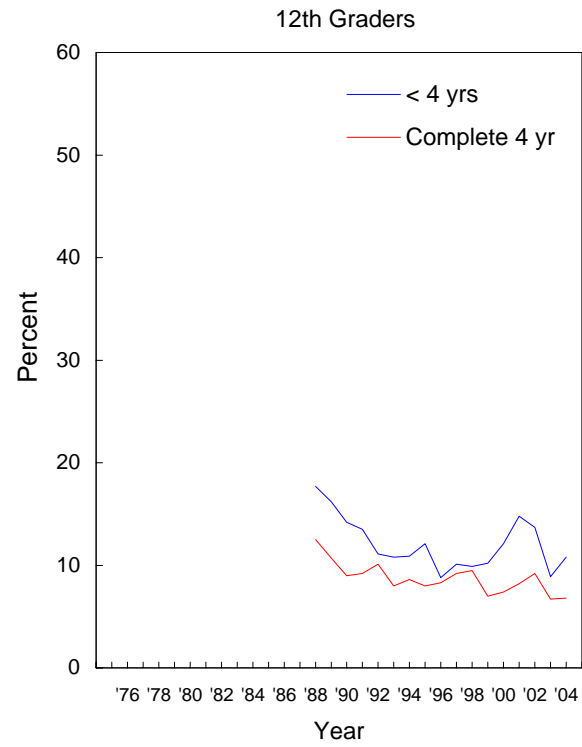
*Question discontinued for eighth and tenth graders in 2004.

**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).

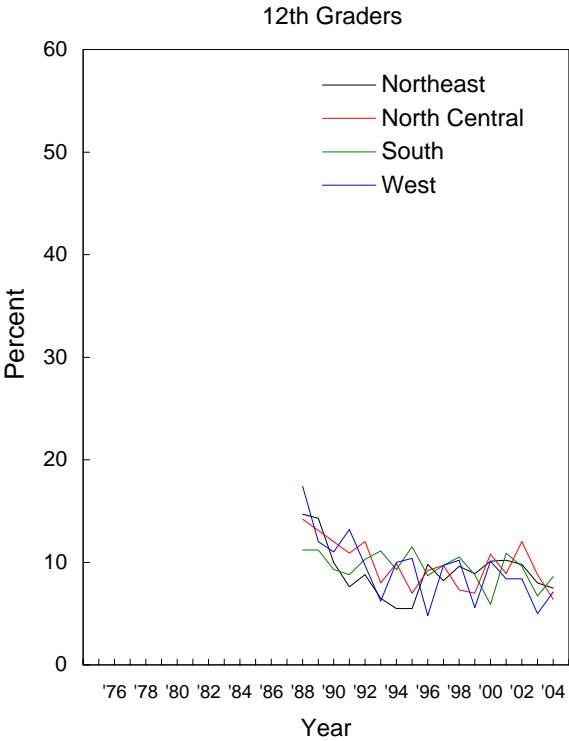
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Gender



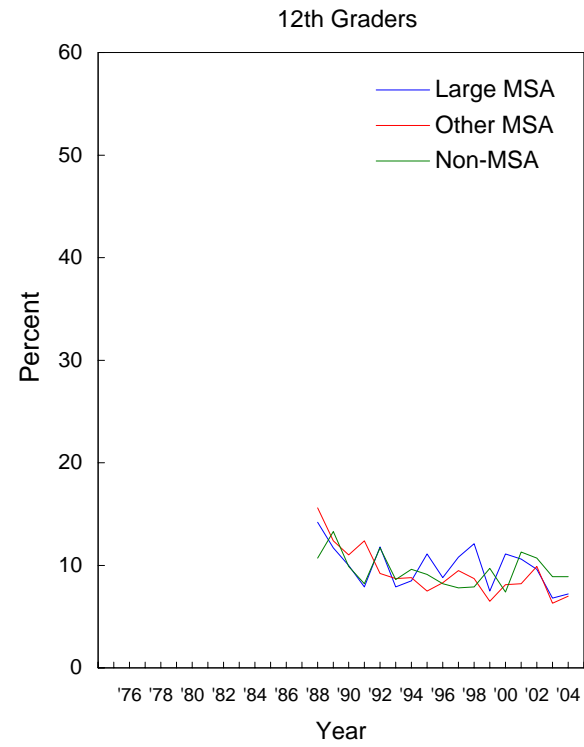
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by College Plans



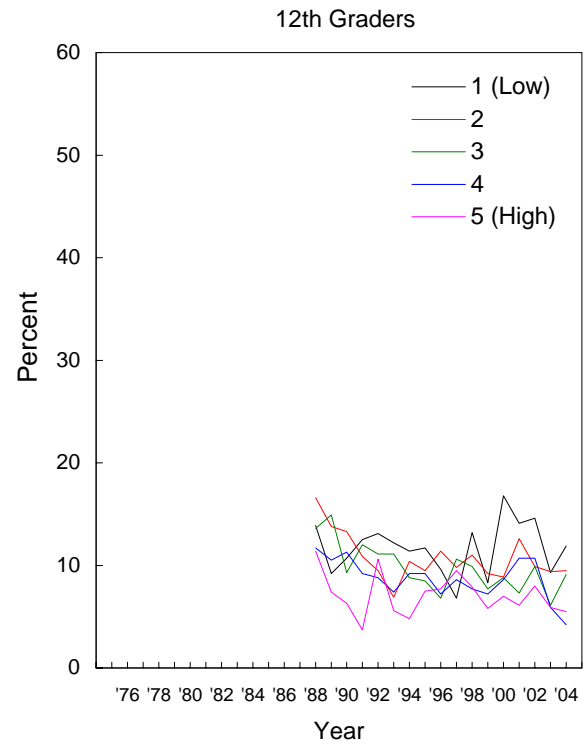
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Region



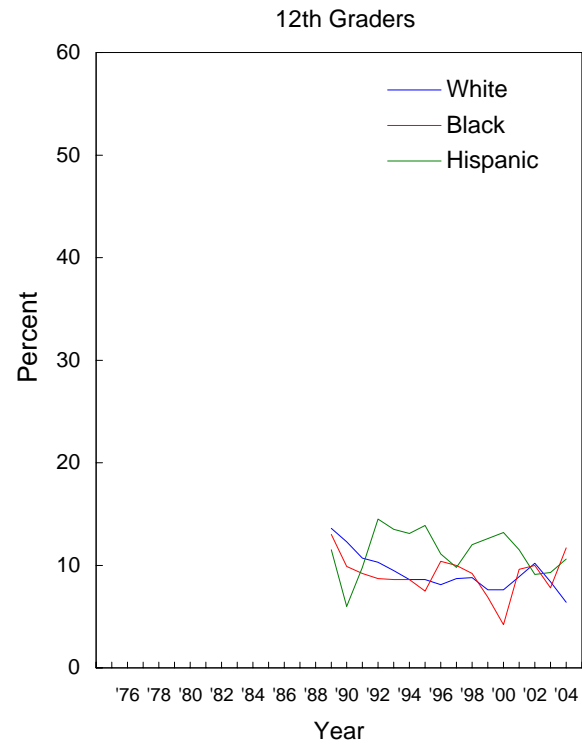
Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Population Density



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

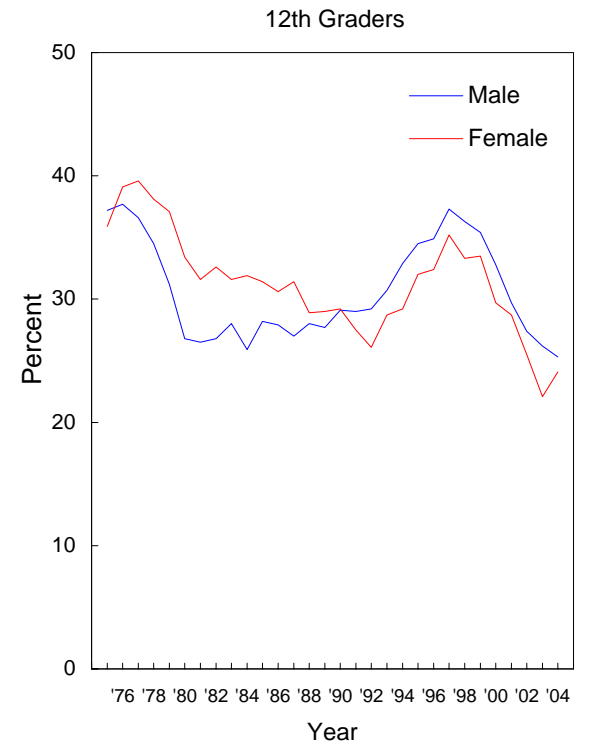
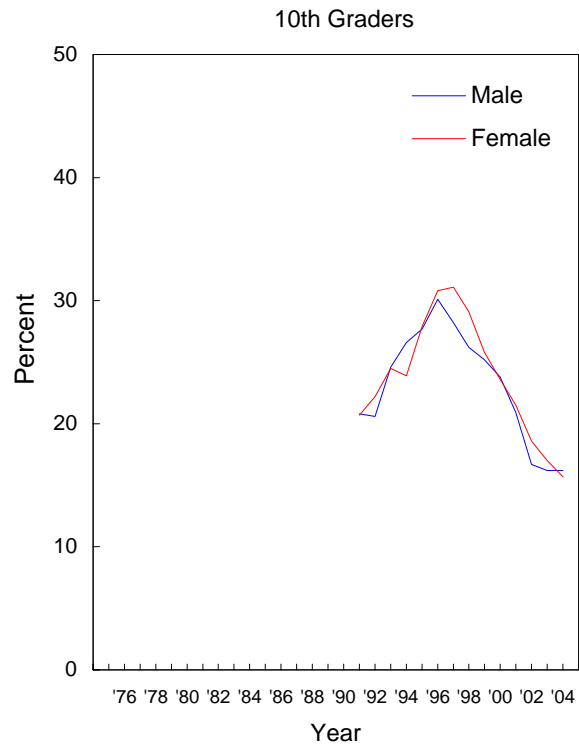
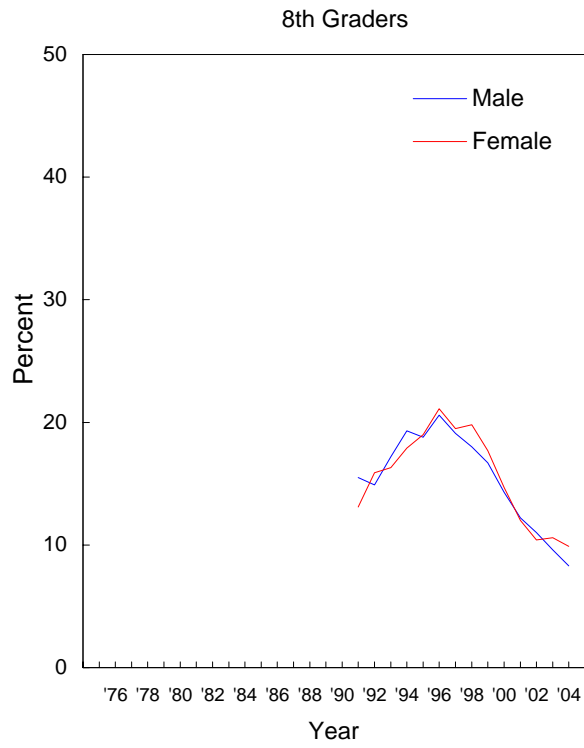


Wine Coolers: Trends in Two-Week Prevalence of Having 5 or More Drinks in a Row by Race/Ethnicity*

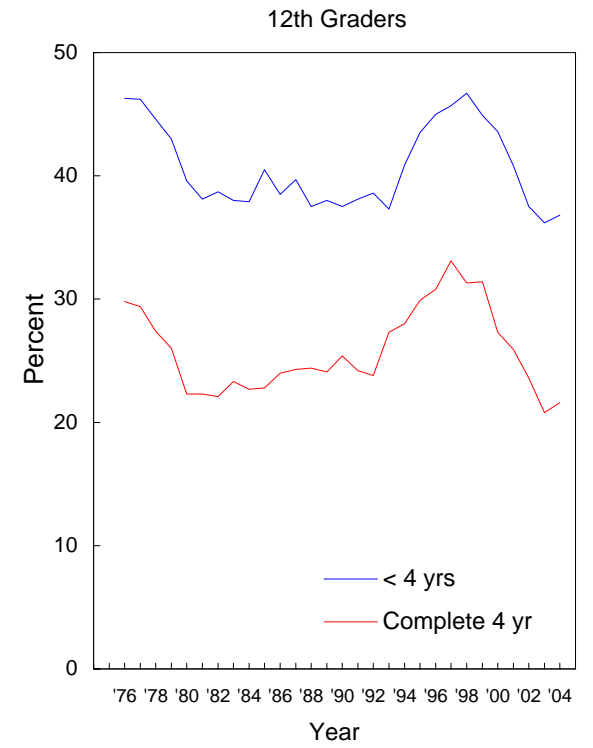
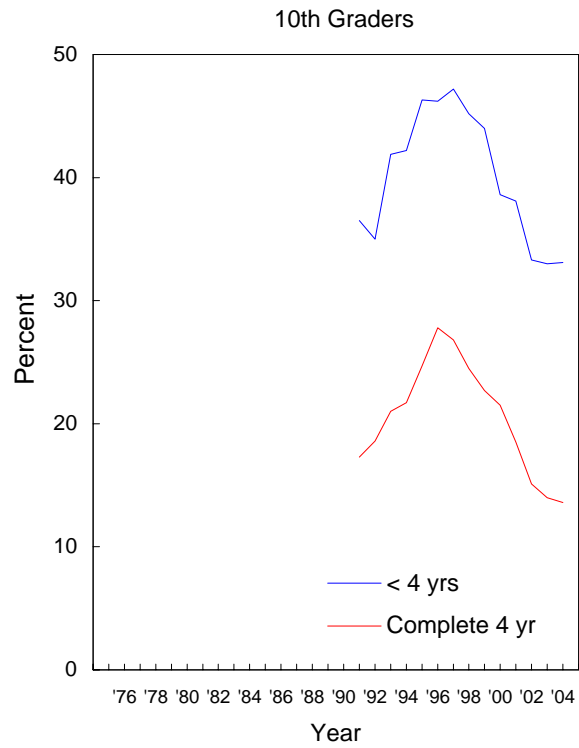
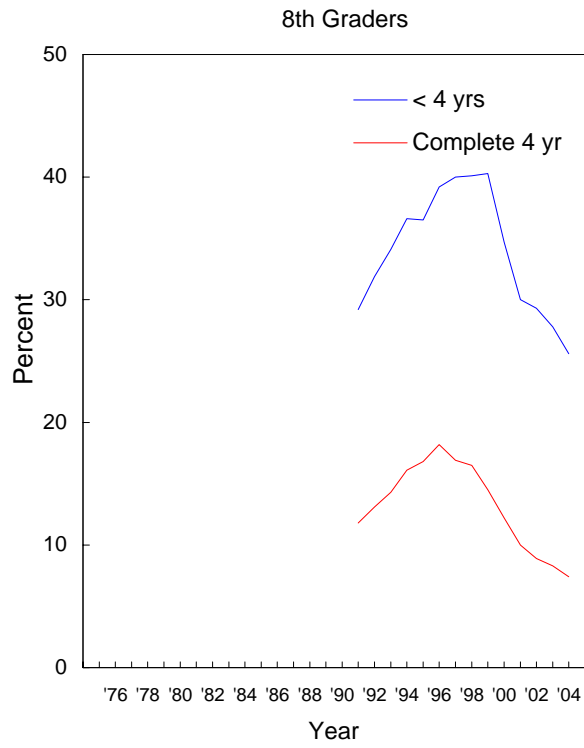


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

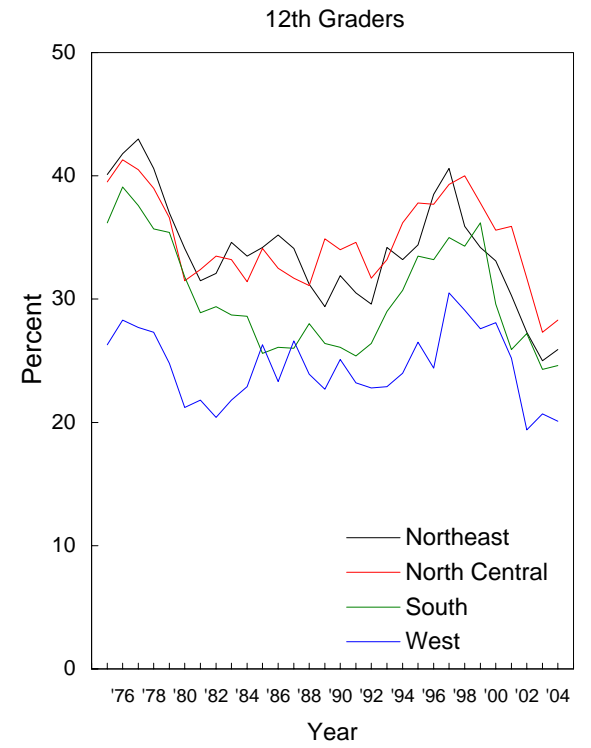
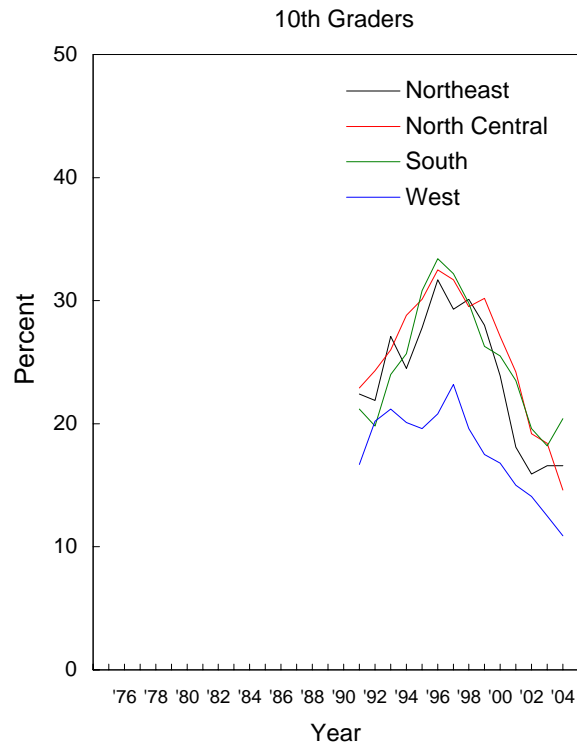
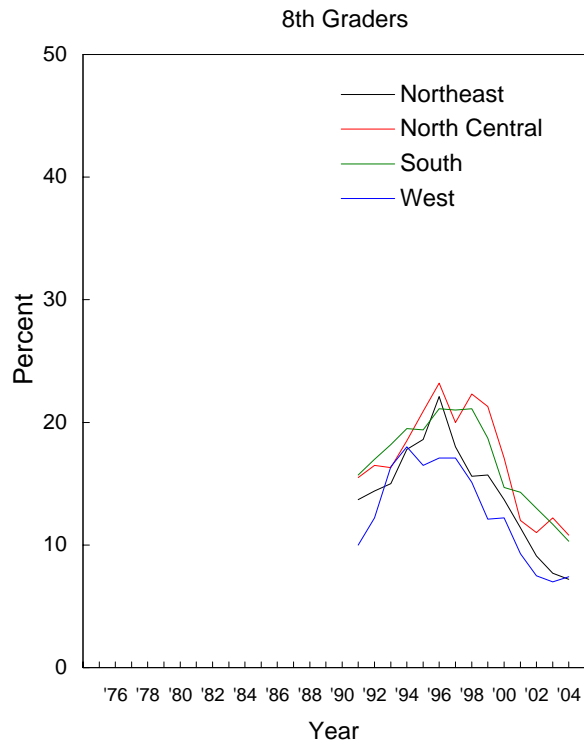
Cigarettes: Trends in 30-Day Prevalence by Gender



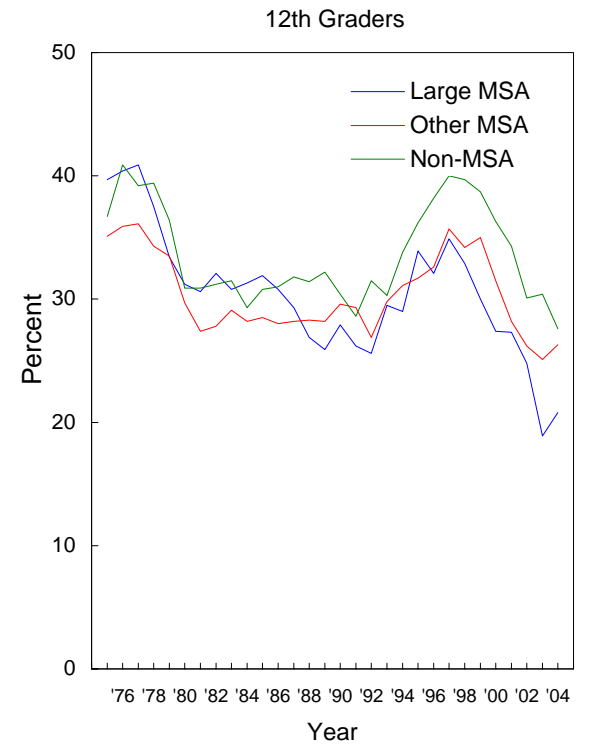
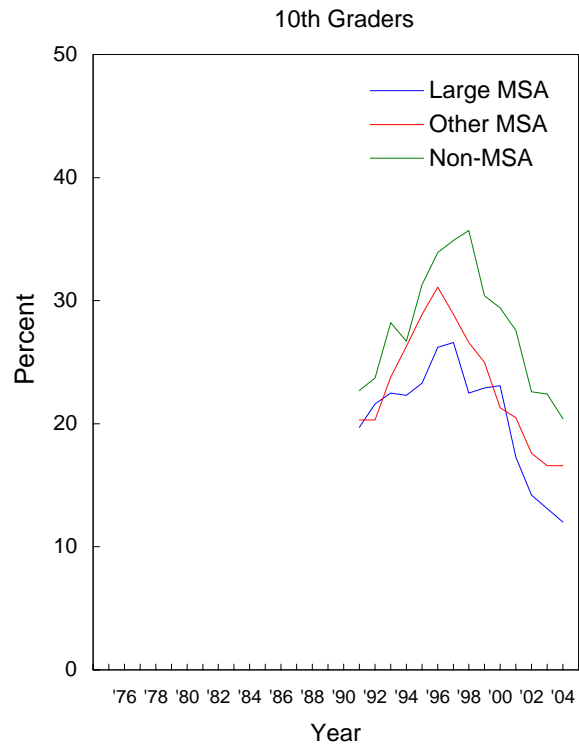
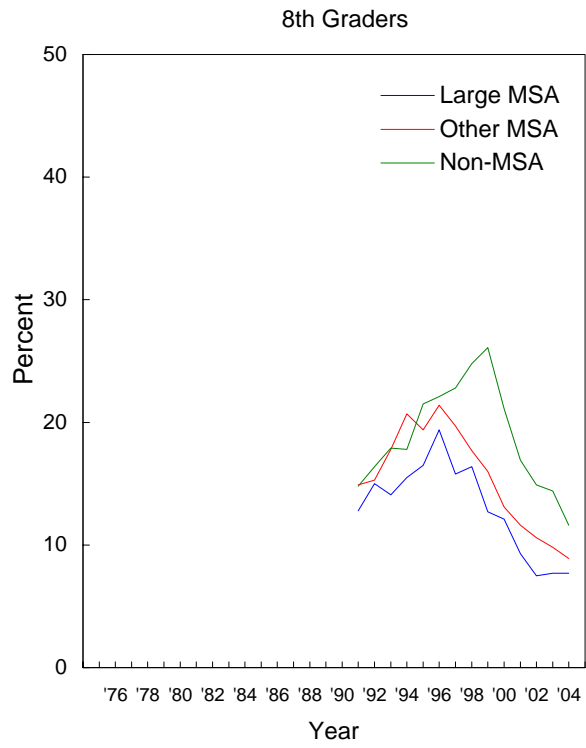
Cigarettes: Trends in 30-Day Prevalence by College Plans



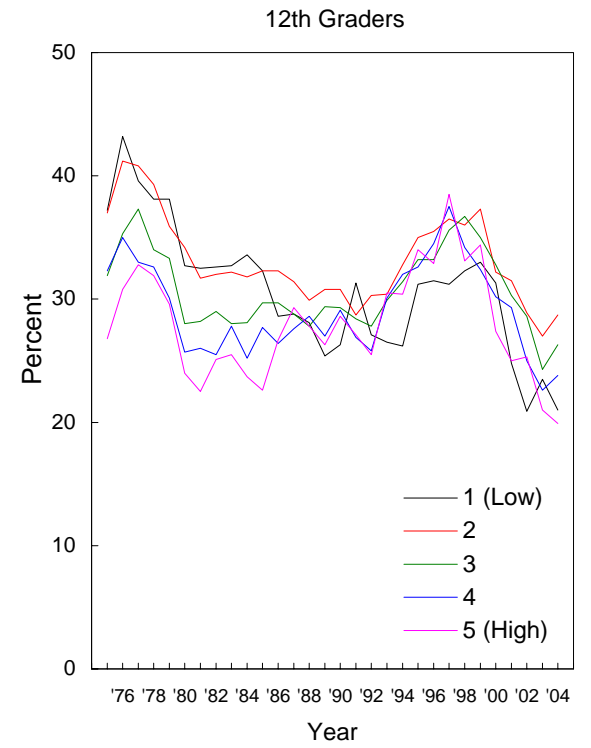
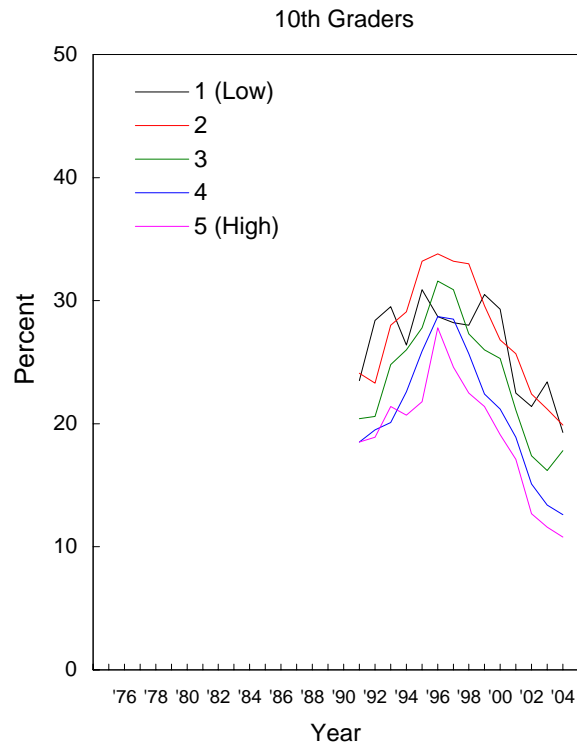
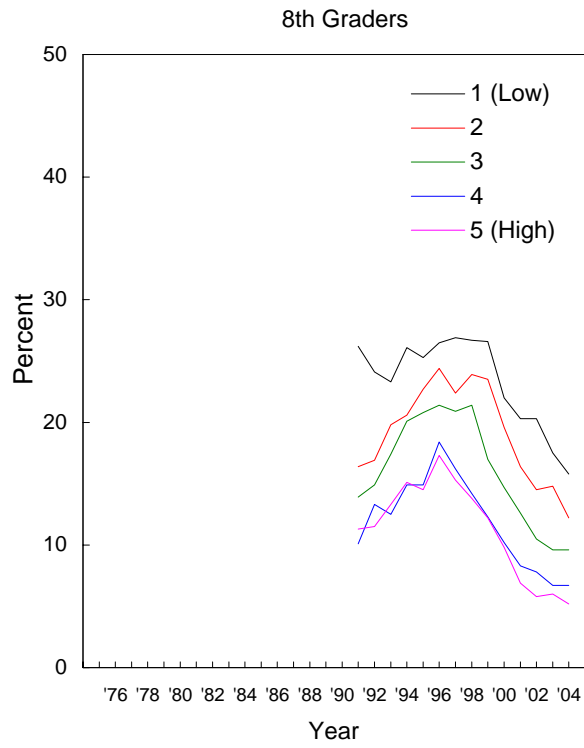
Cigarettes: Trends in 30-Day Prevalence by Region



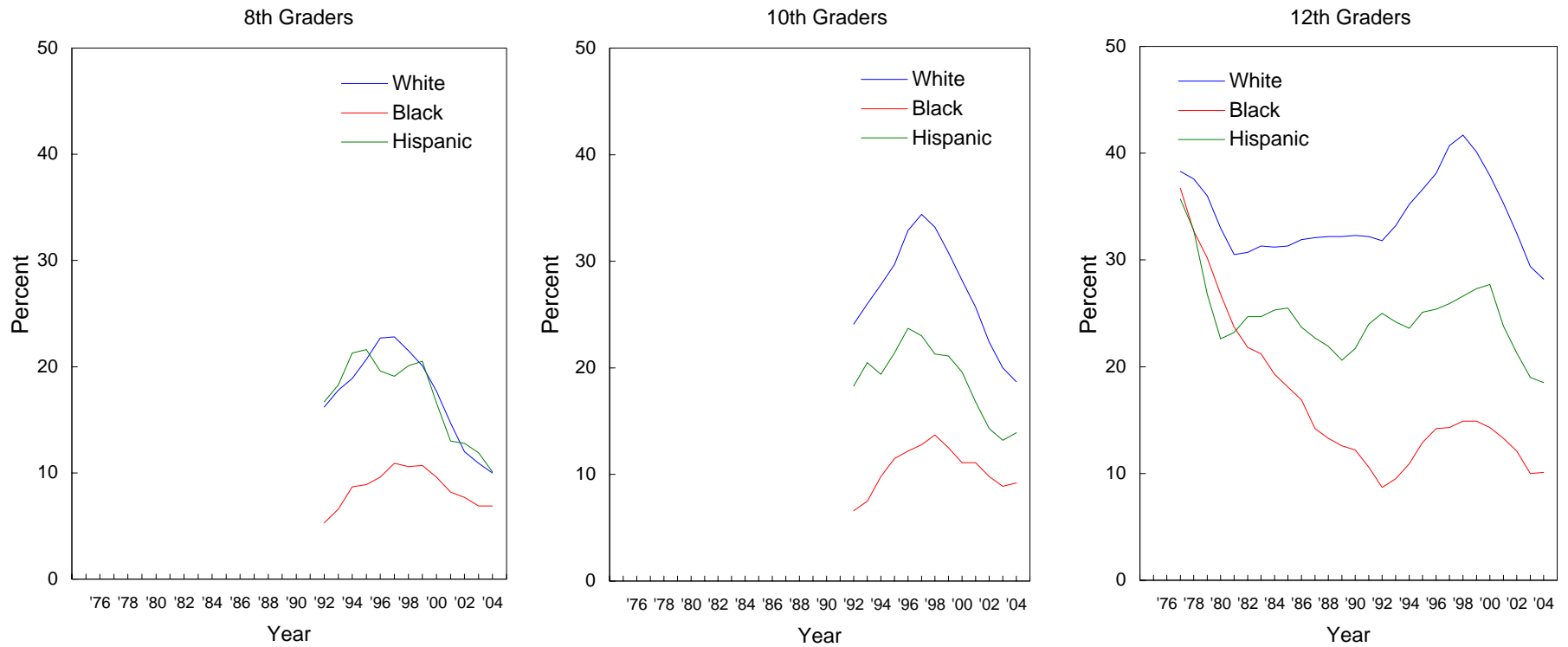
Cigarettes: Trends in 30-Day Prevalence by Population Density



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

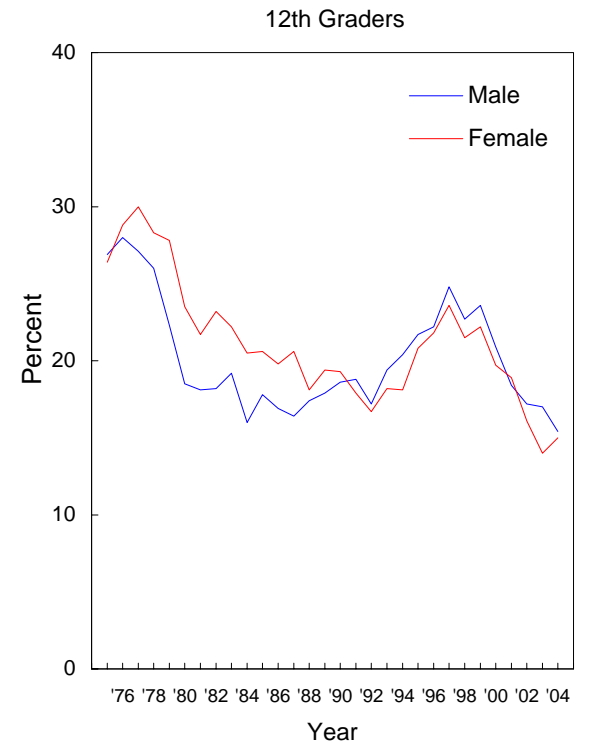
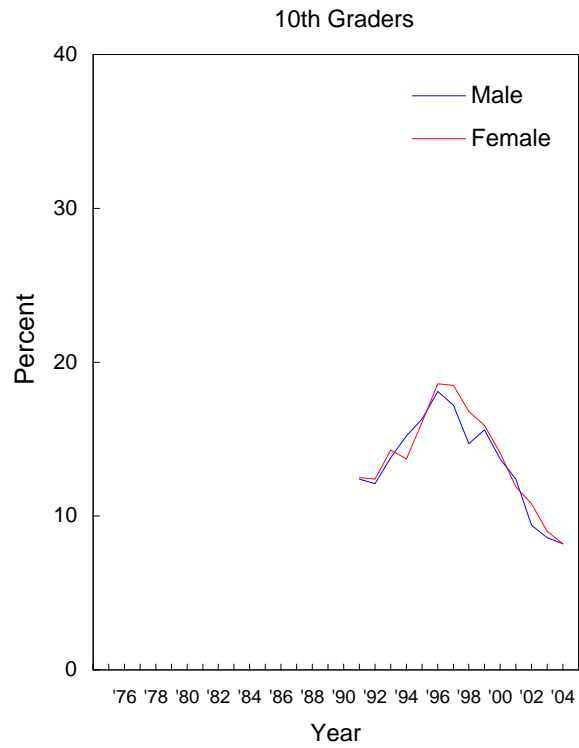
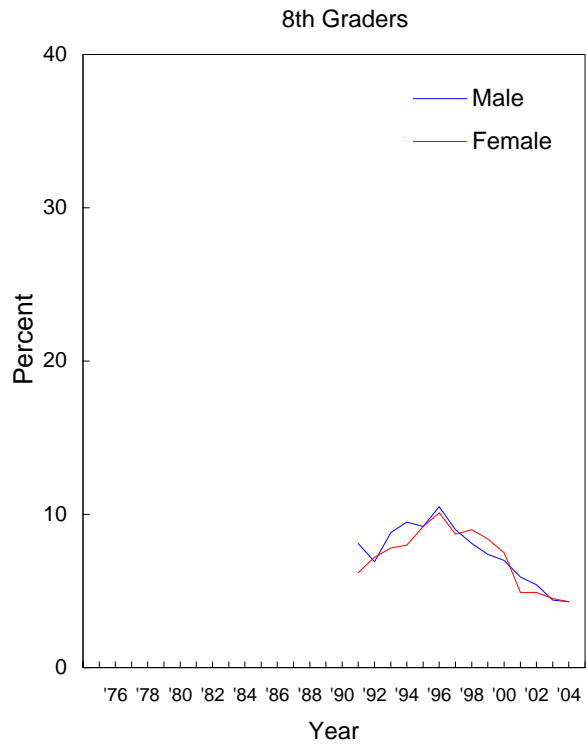


Cigarettes: Trends in 30-Day Prevalence by Race/Ethnicity*

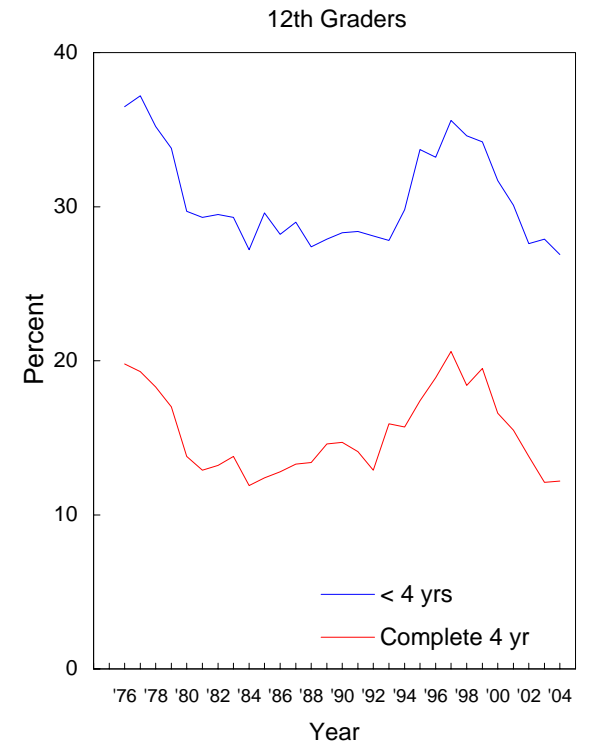
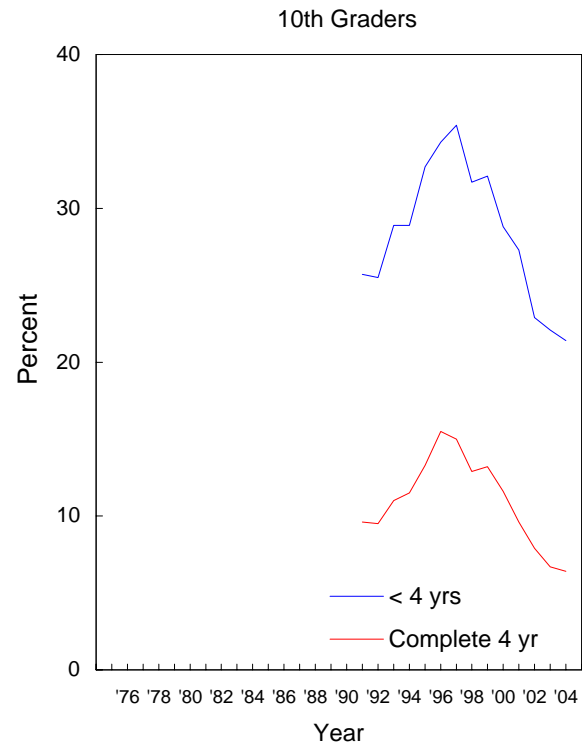
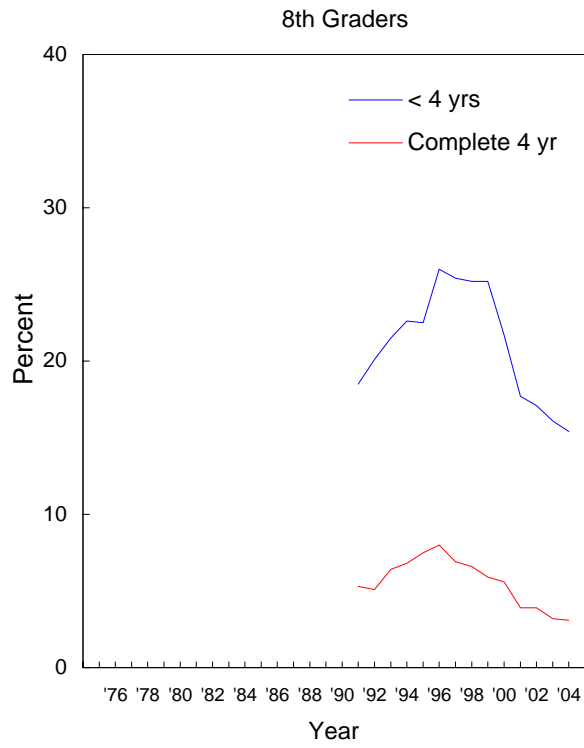


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

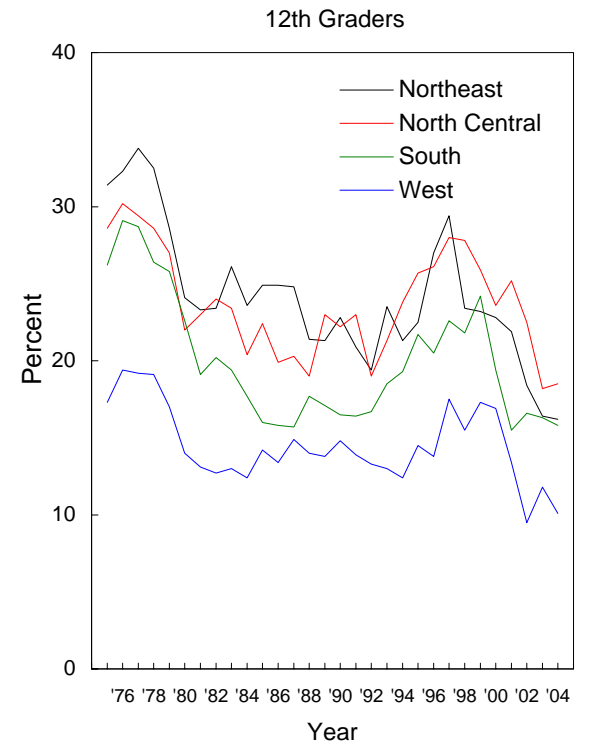
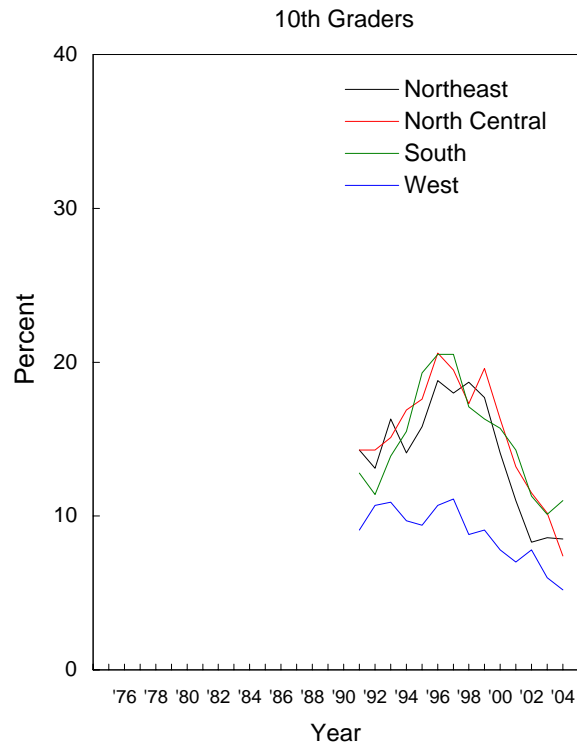
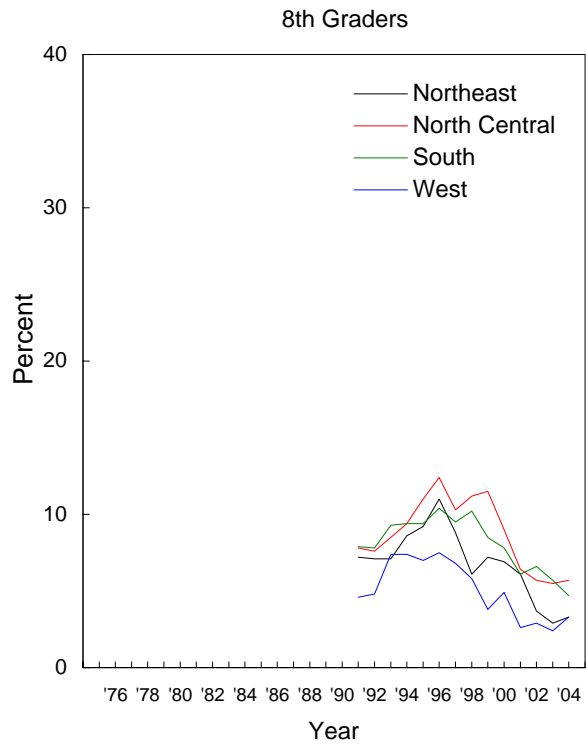
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Gender



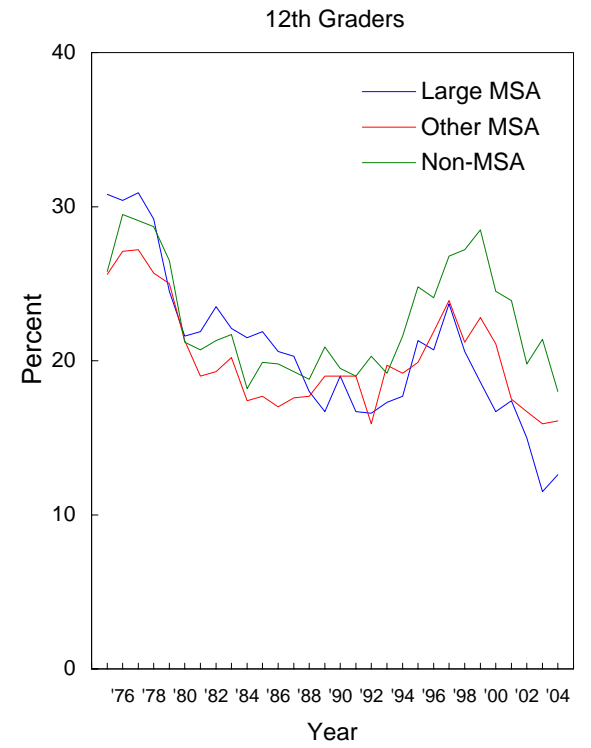
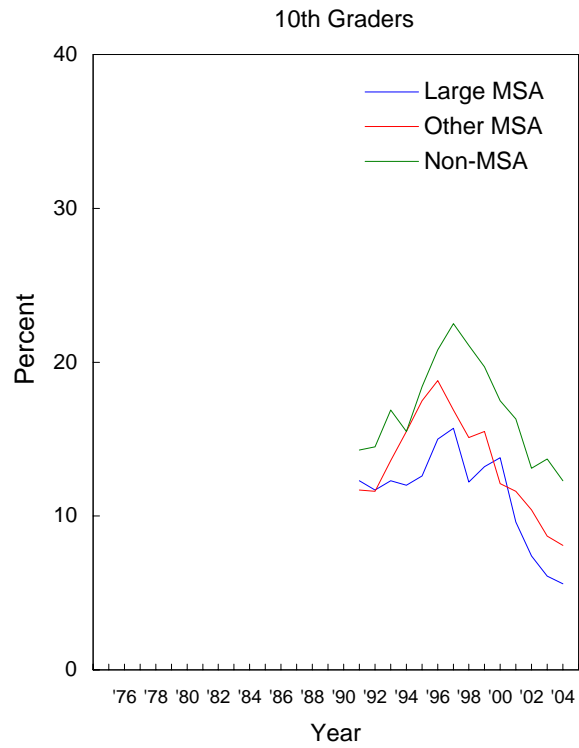
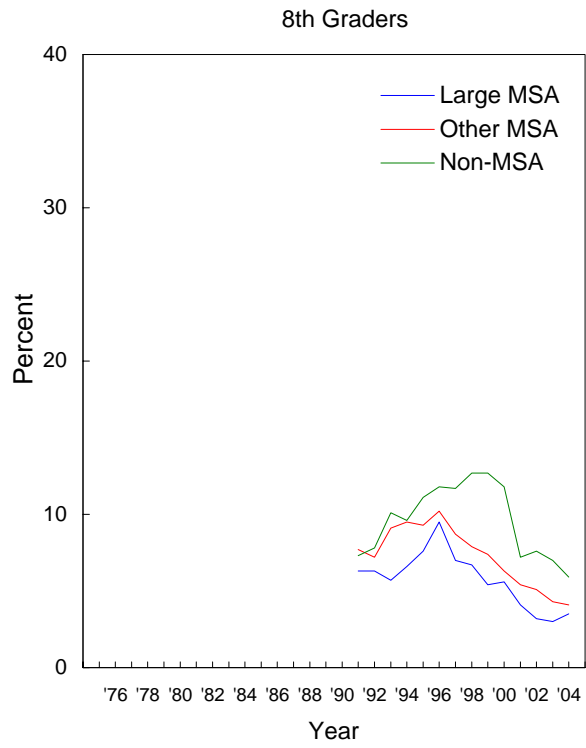
Cigarettes: Trends in 30-Day Prevalence of Daily Use by College Plans



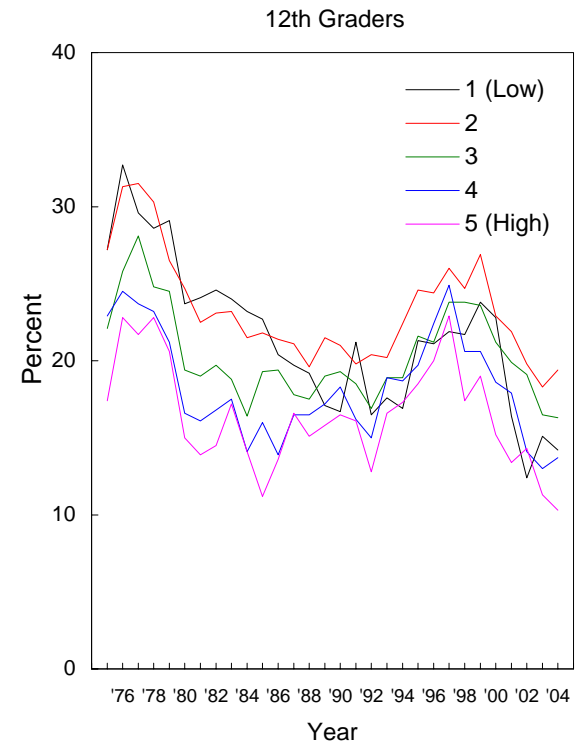
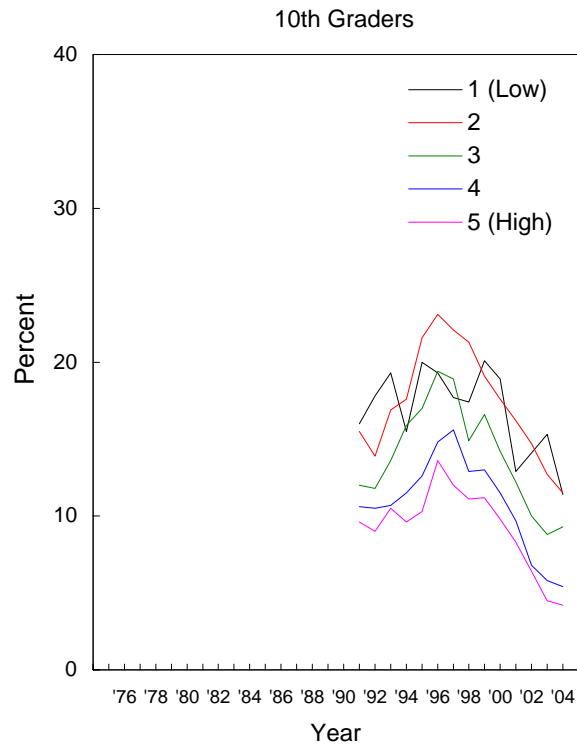
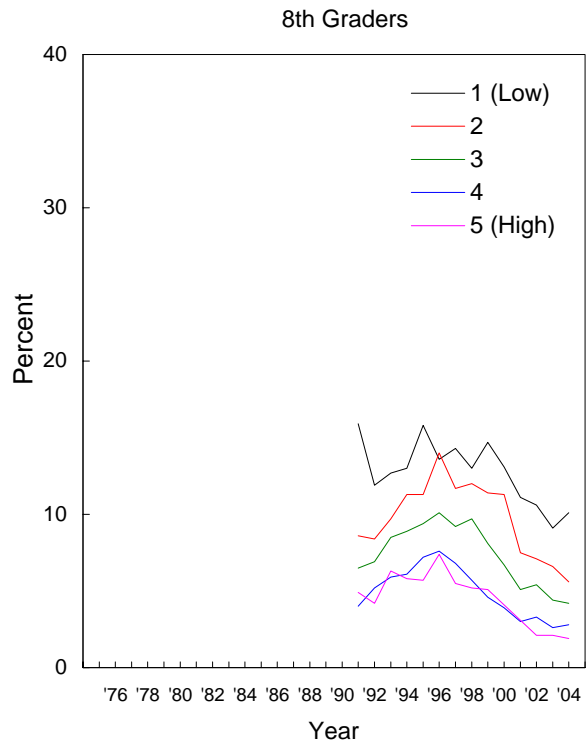
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Region



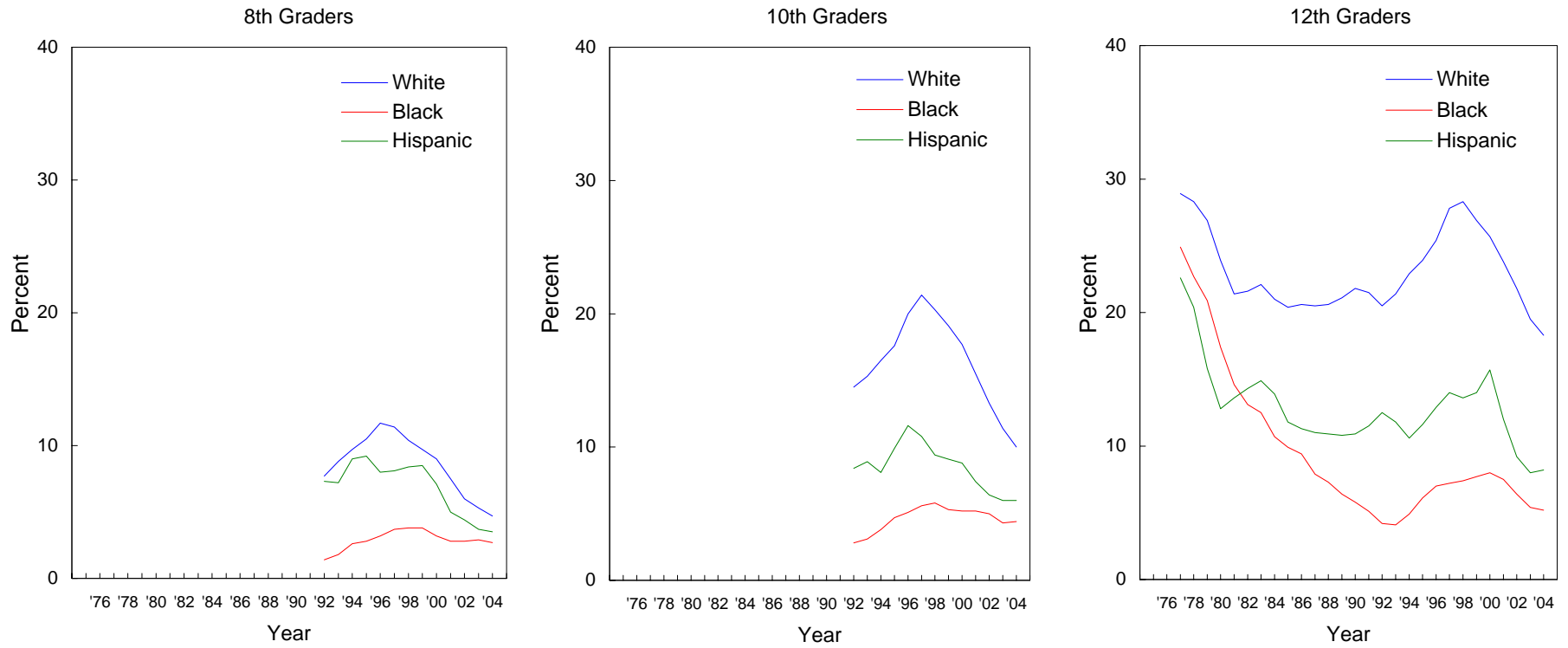
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Population Density



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

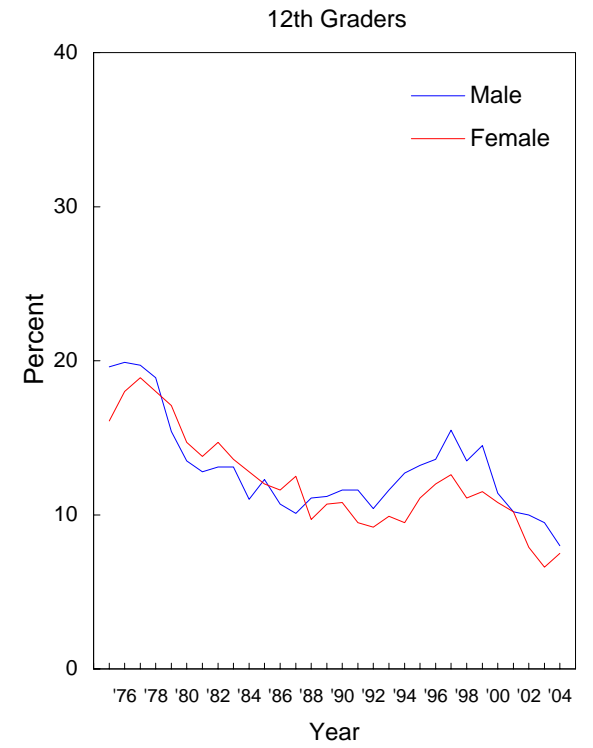
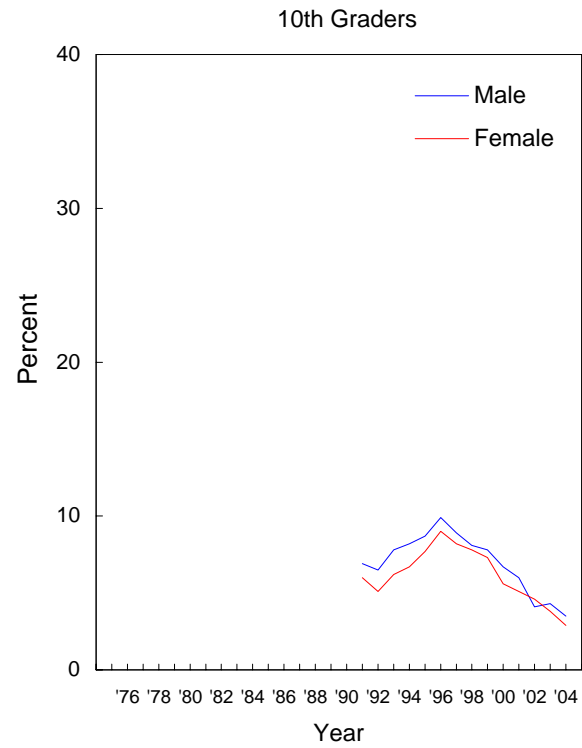
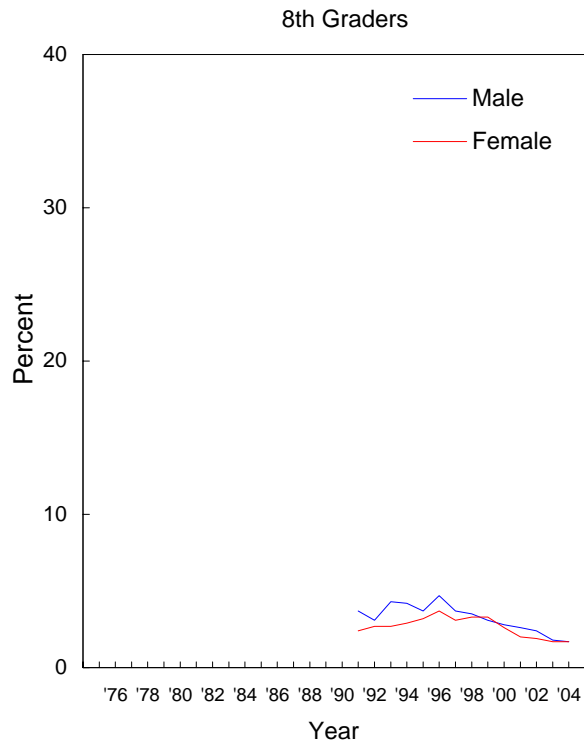


Cigarettes: Trends in 30-Day Prevalence of Daily Use by Race/Ethnicity*

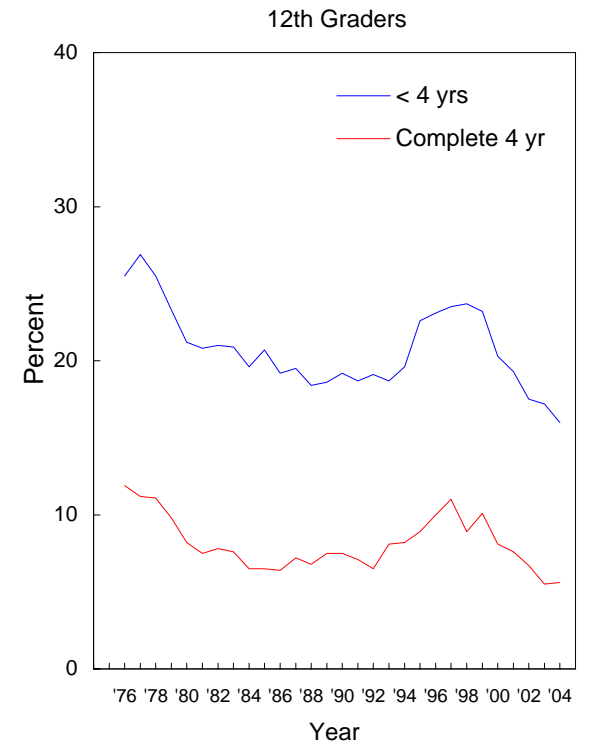
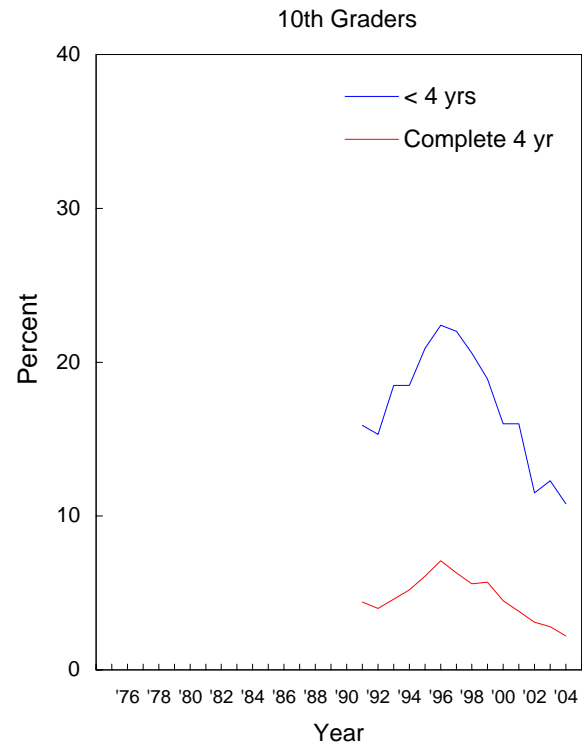
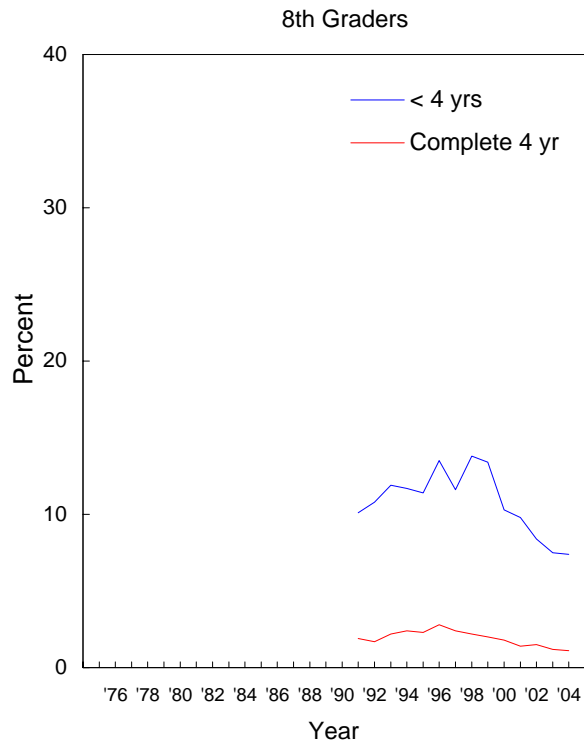


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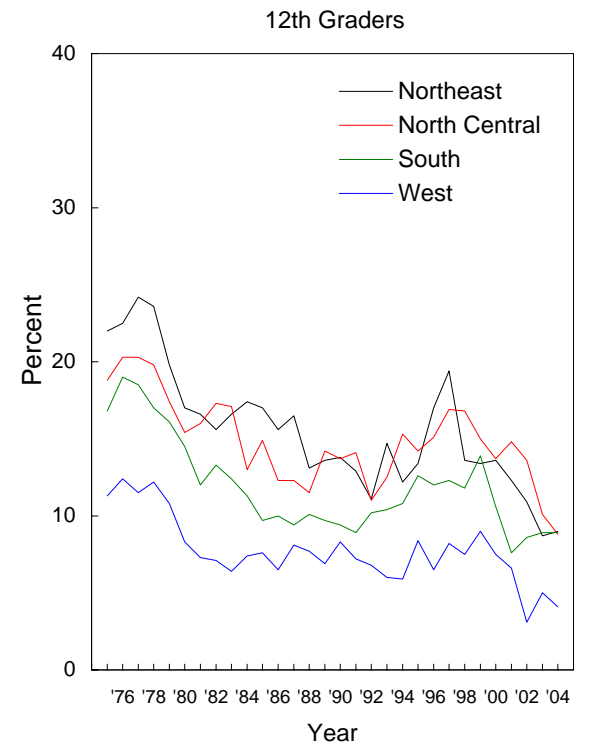
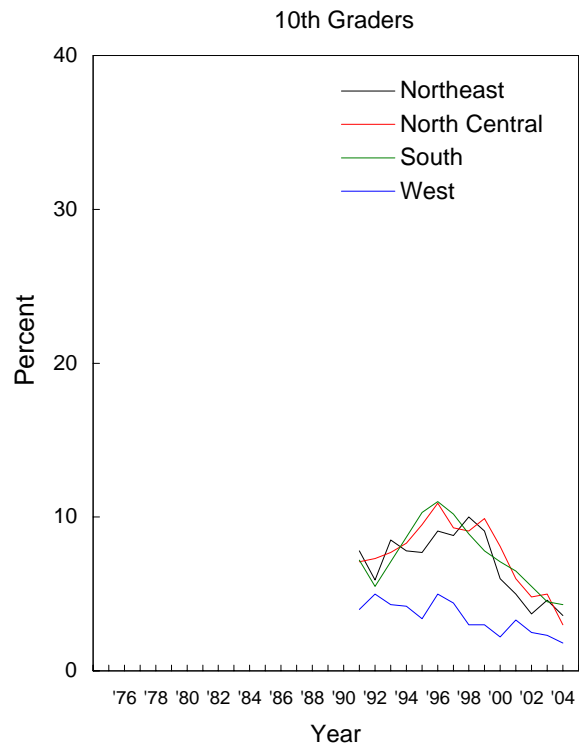
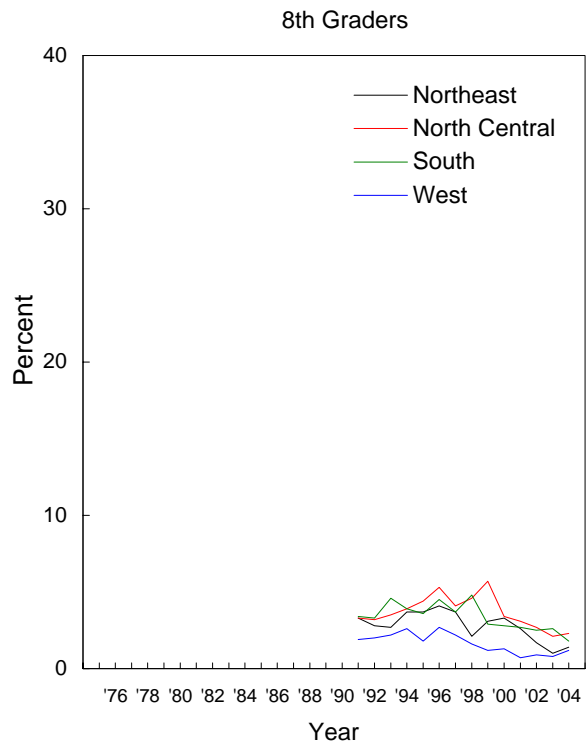
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Gender



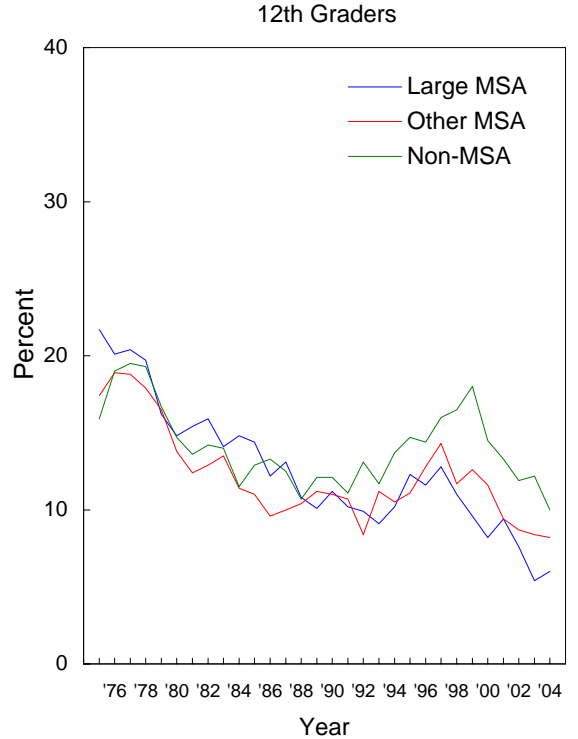
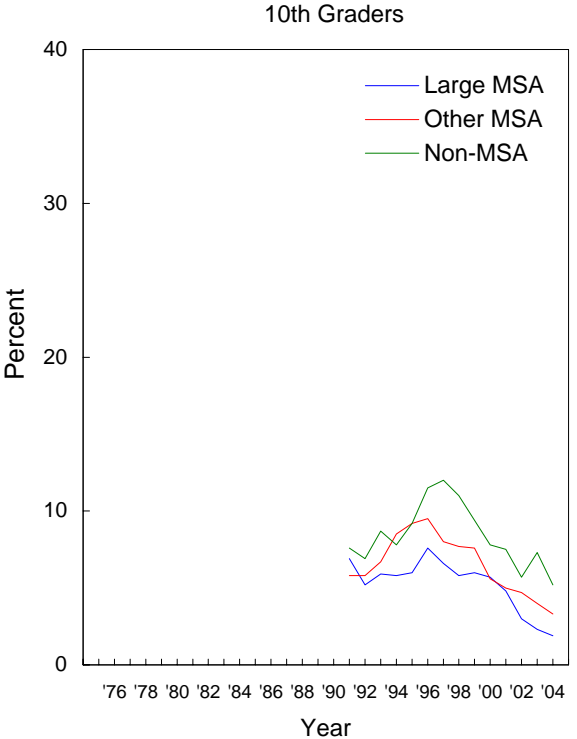
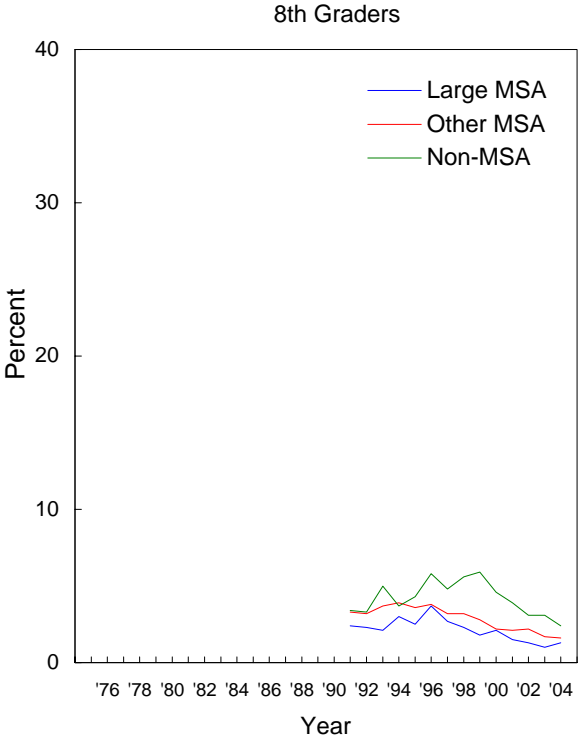
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by College Plans



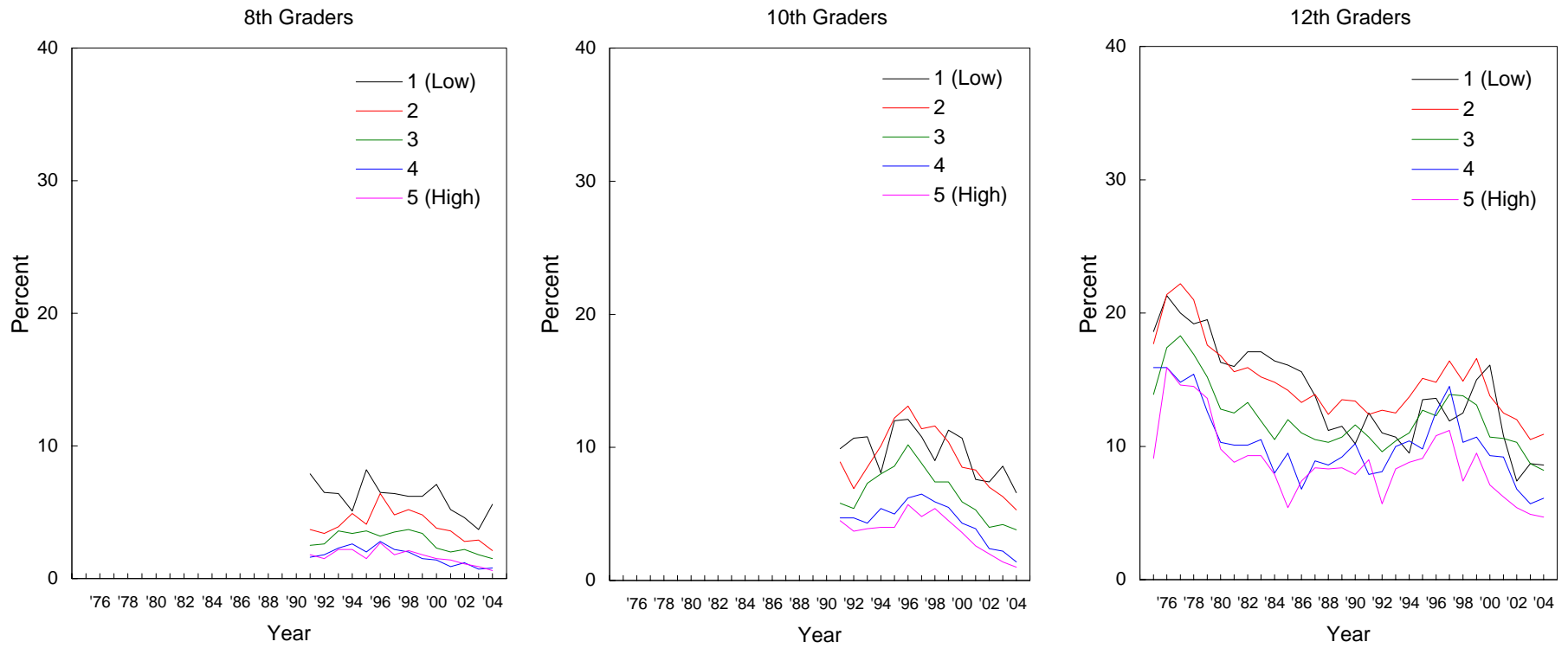
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Region



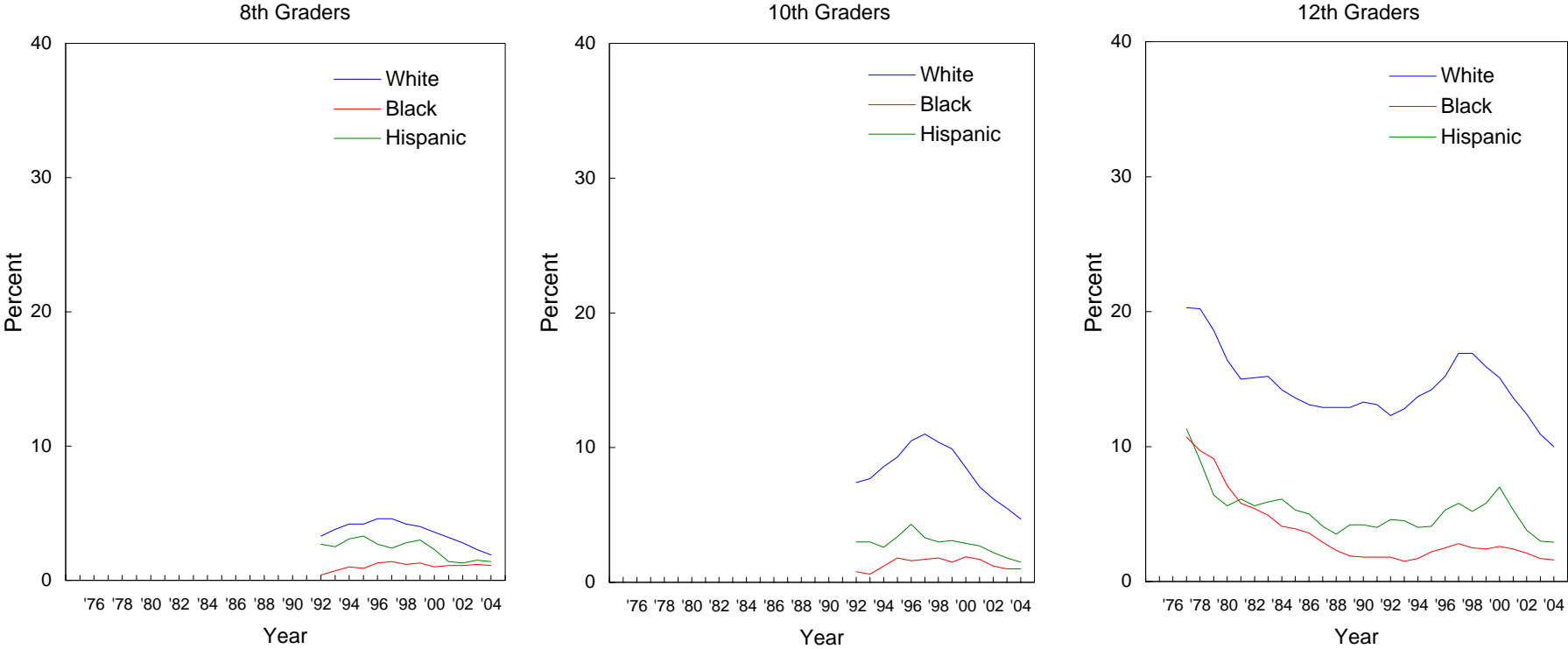
Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Population Density



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

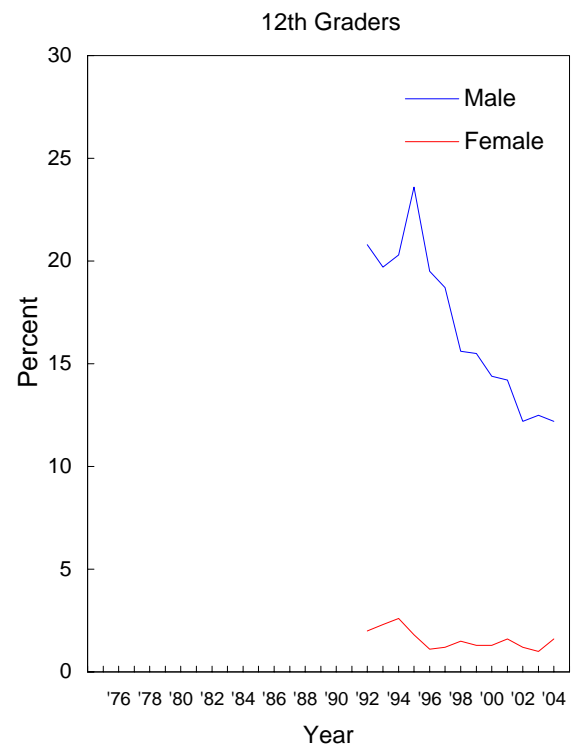
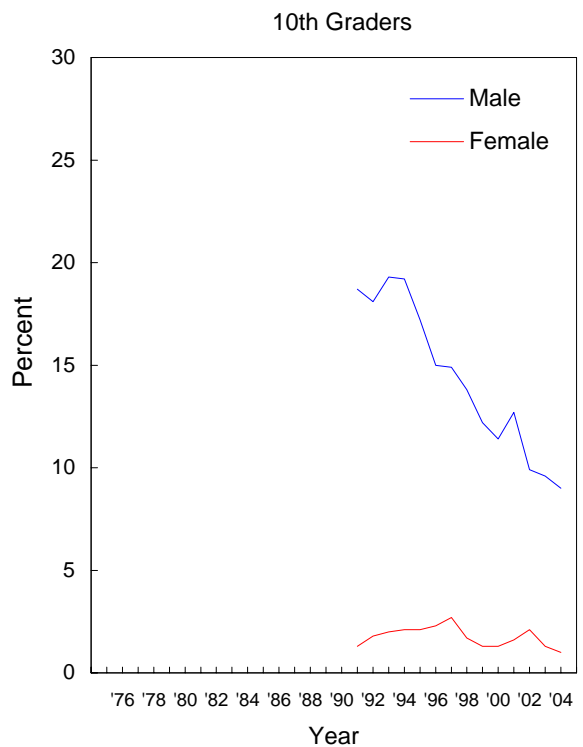
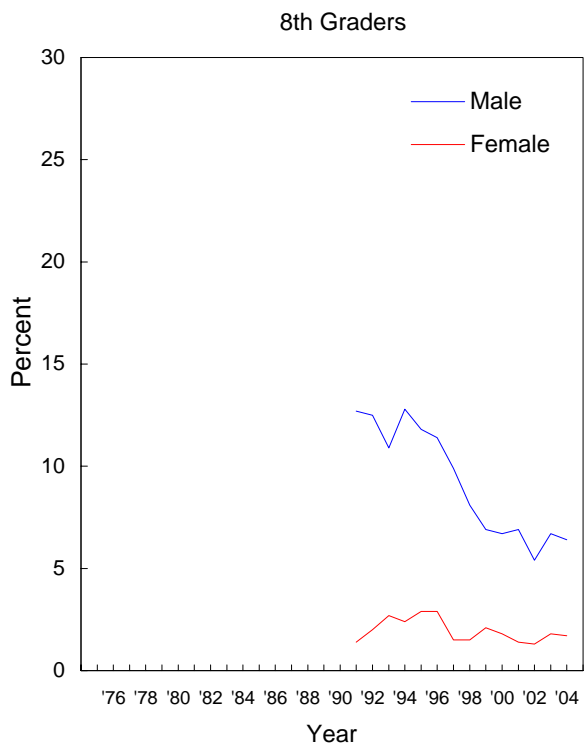


Cigarettes: Trends in 30-Day Prevalence of Use of Half-Pack a Day or More by Race/Ethnicity*

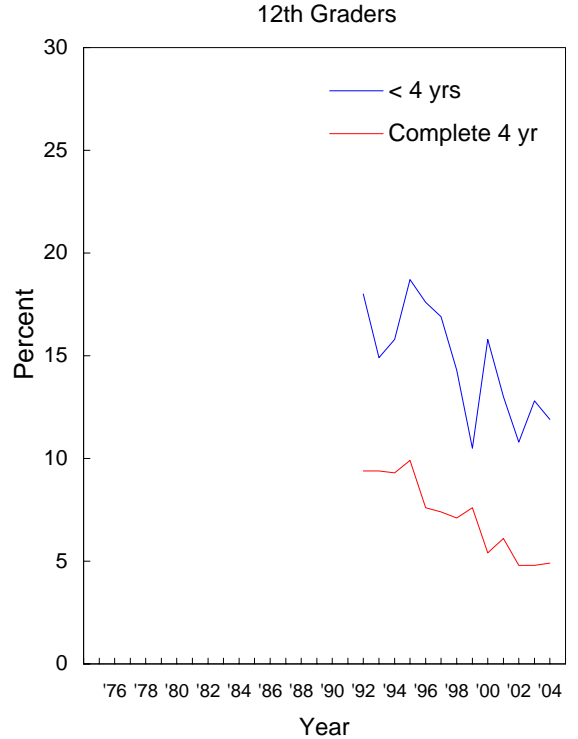
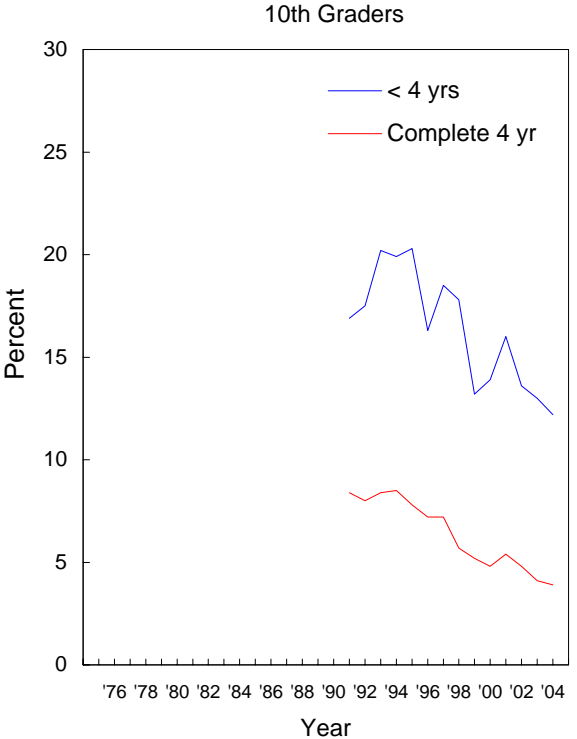
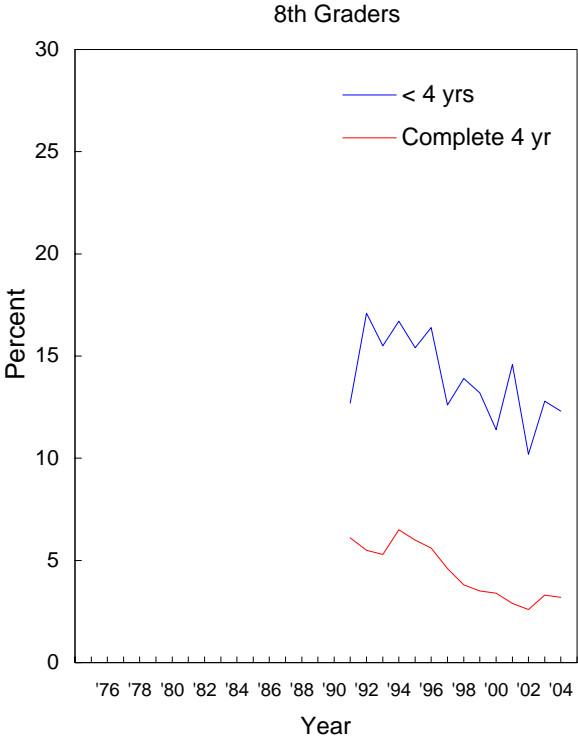


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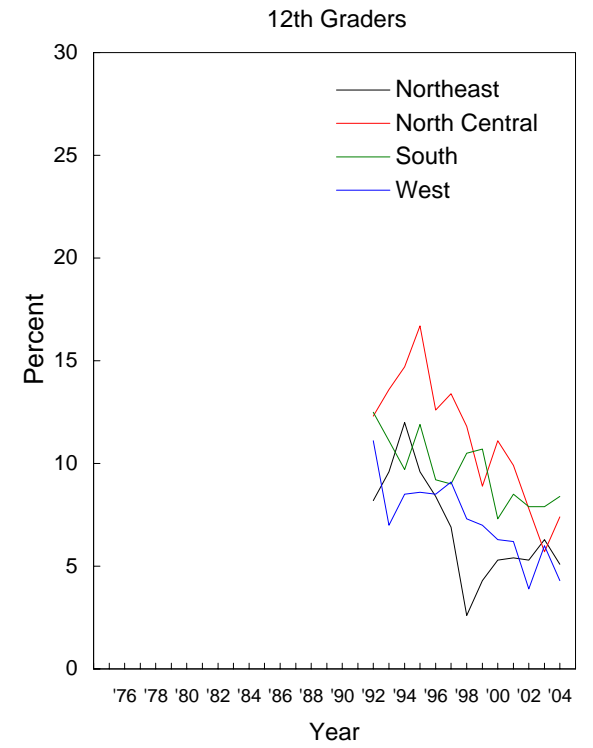
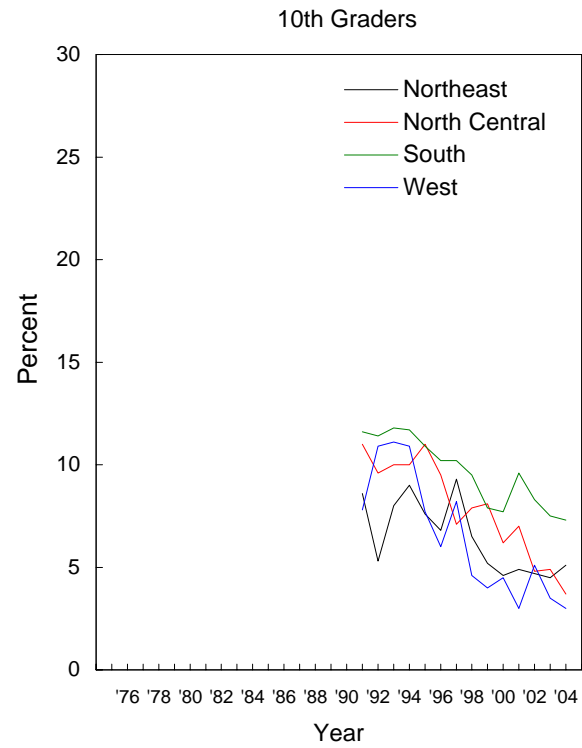
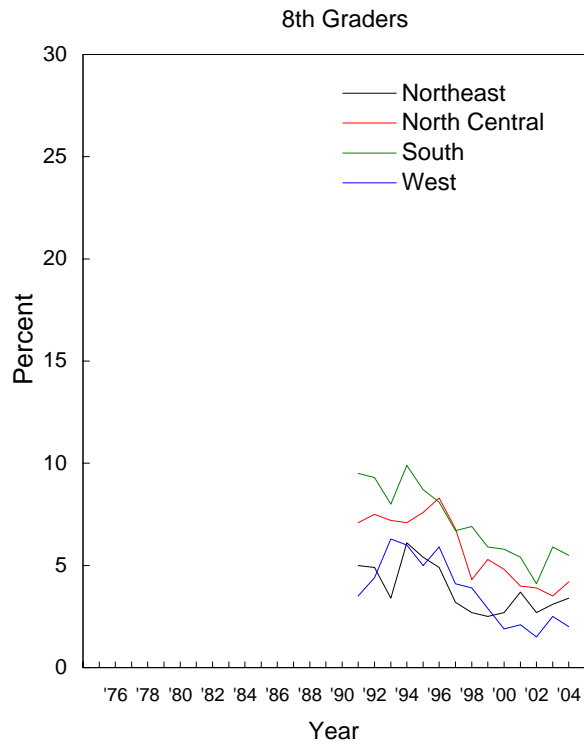
Smokeless Tobacco: Trends in 30-Day Prevalence by Gender



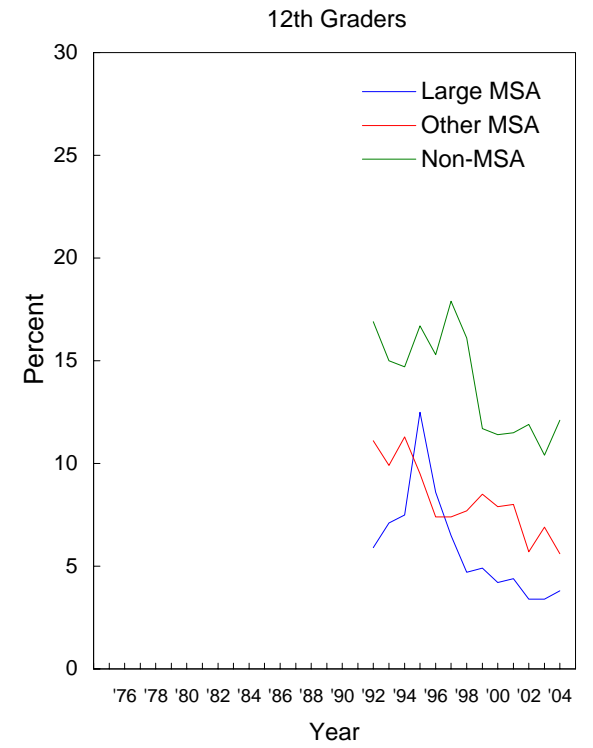
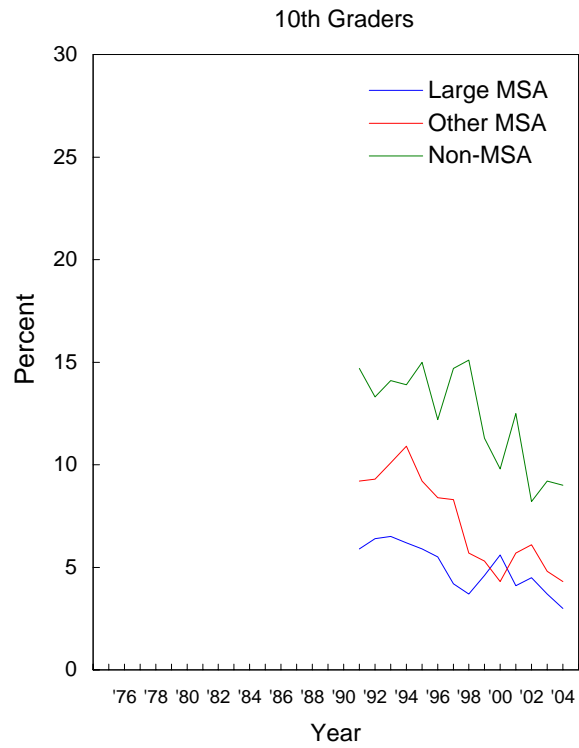
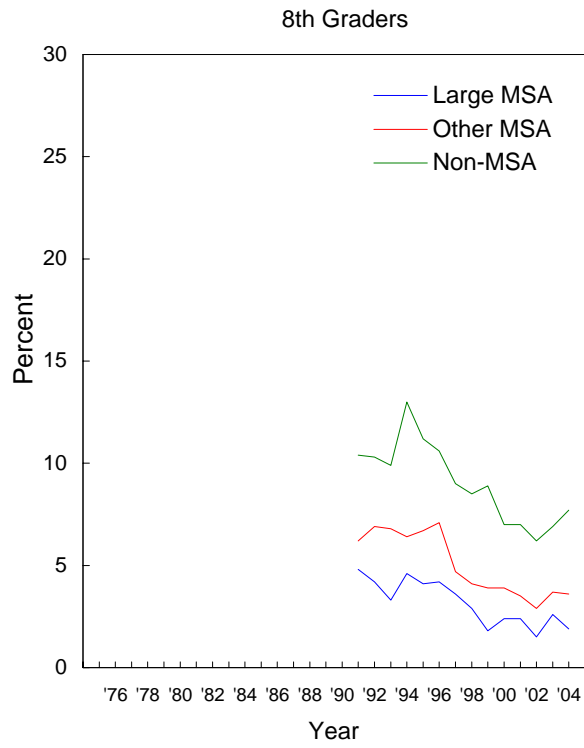
Smokeless Tobacco: Trends in 30-Day Prevalence by College Plans



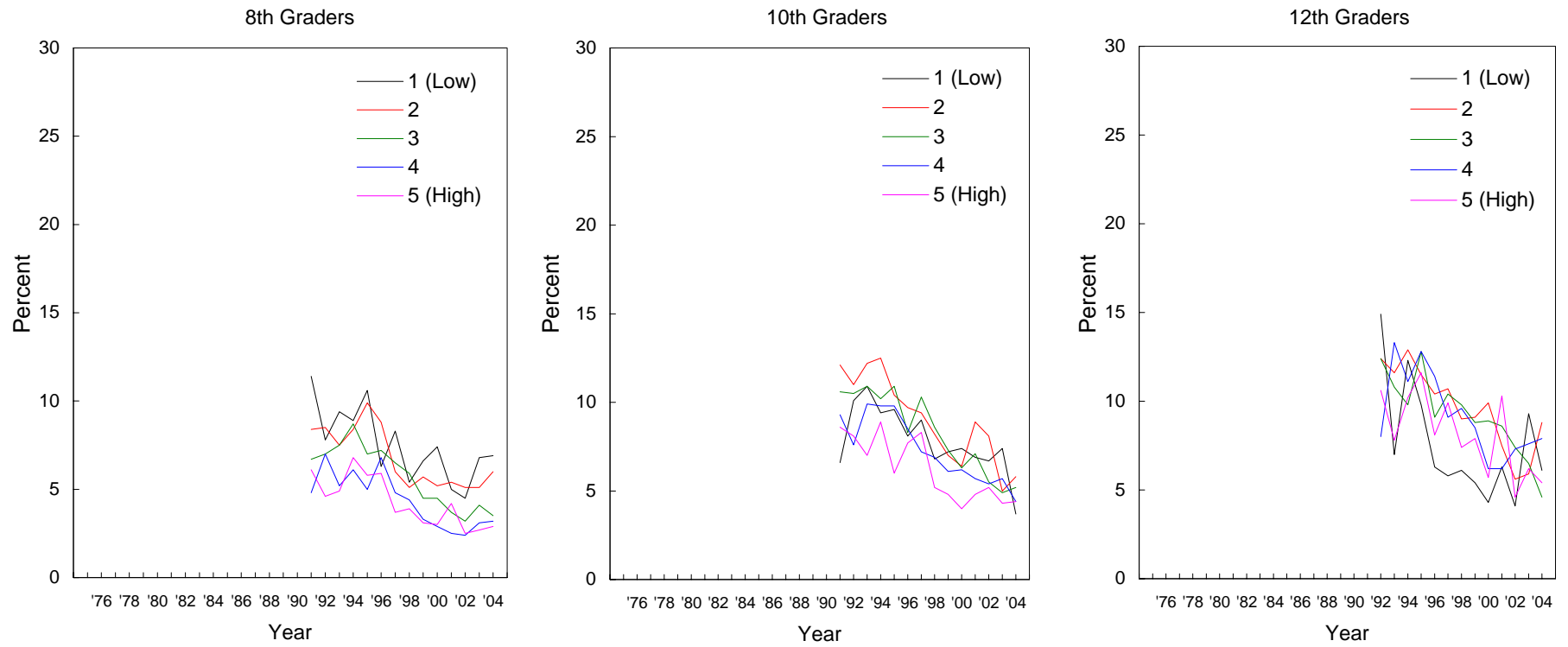
Smokeless Tobacco: Trends in 30-Day Prevalence by Region



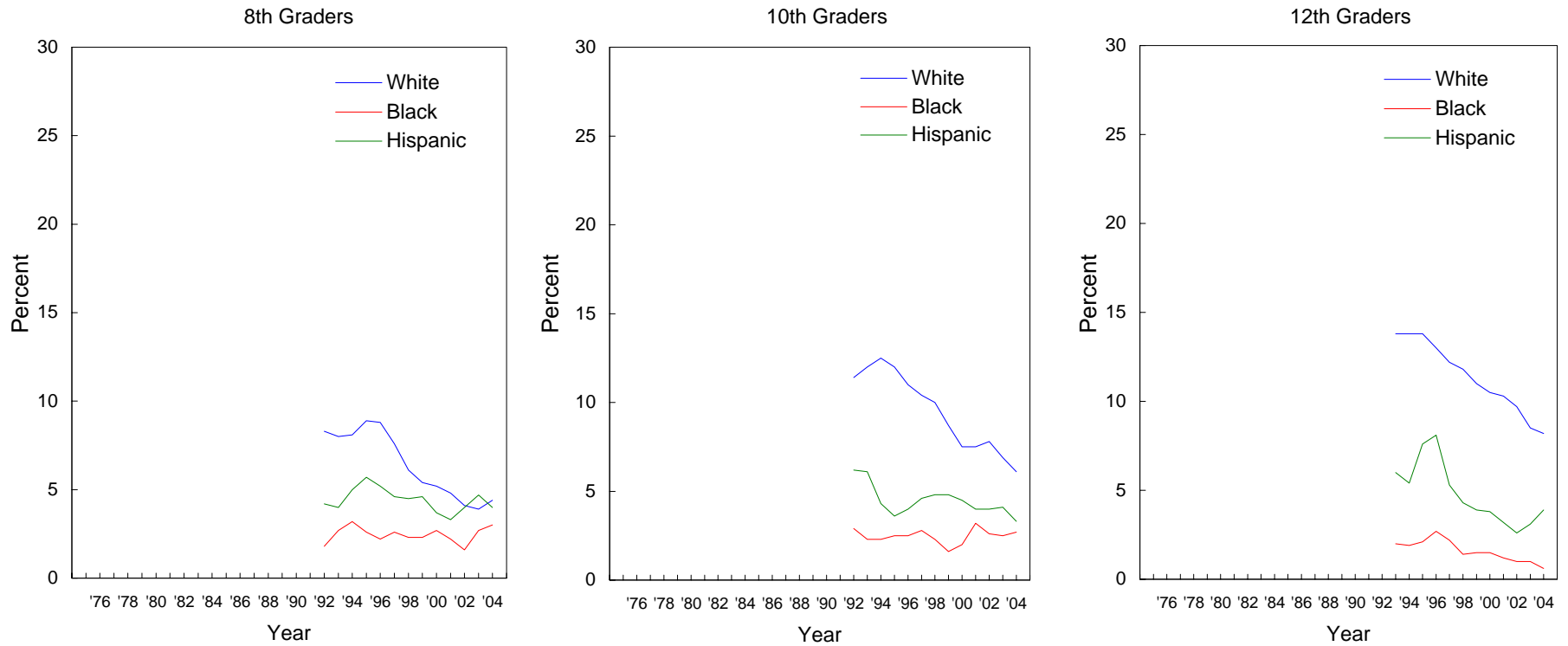
Smokeless Tobacco: Trends in 30-Day Prevalence by Population Density



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

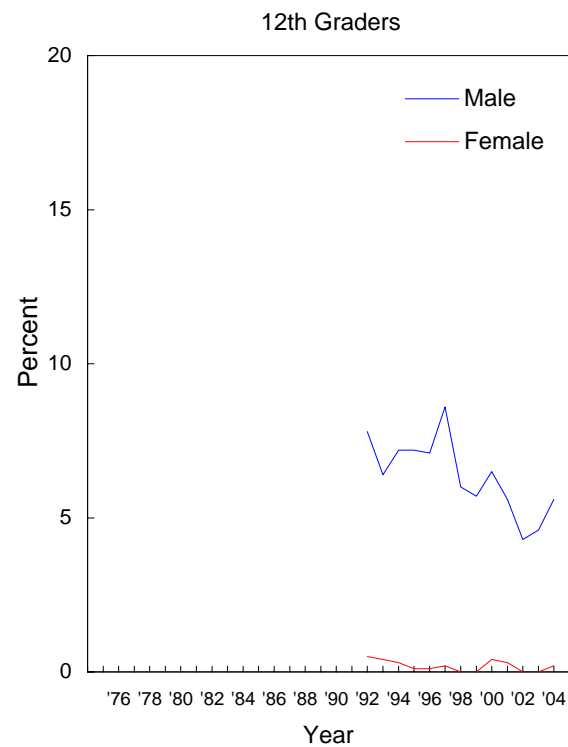
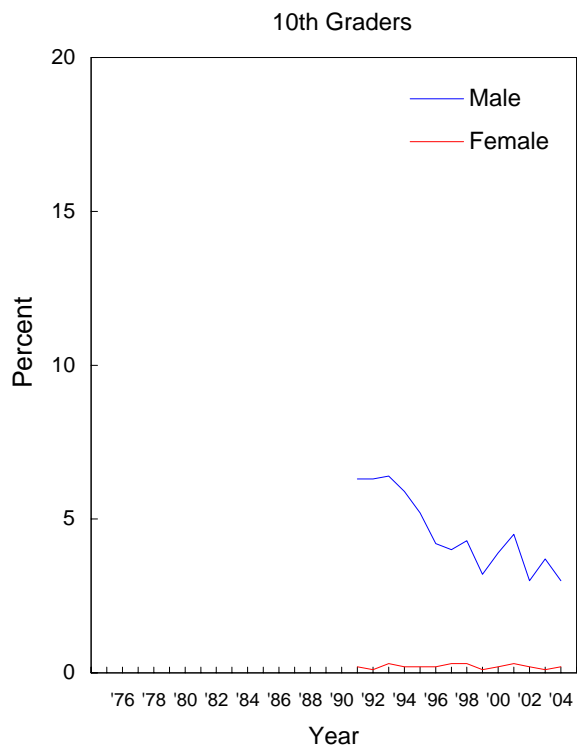
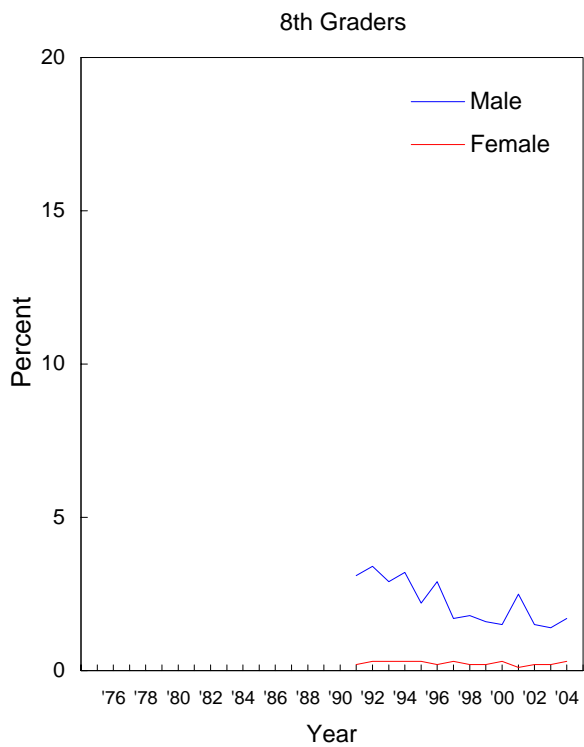


Smokeless Tobacco: Trends in 30-Day Prevalence by Race/Ethnicity*

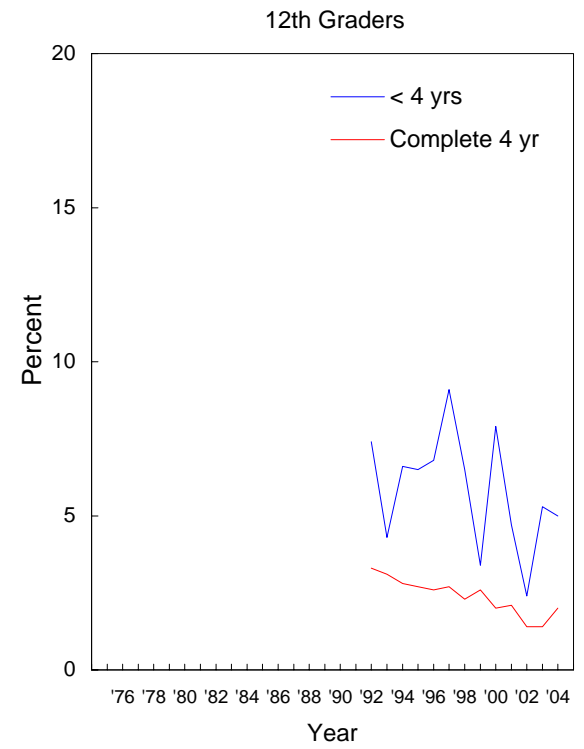
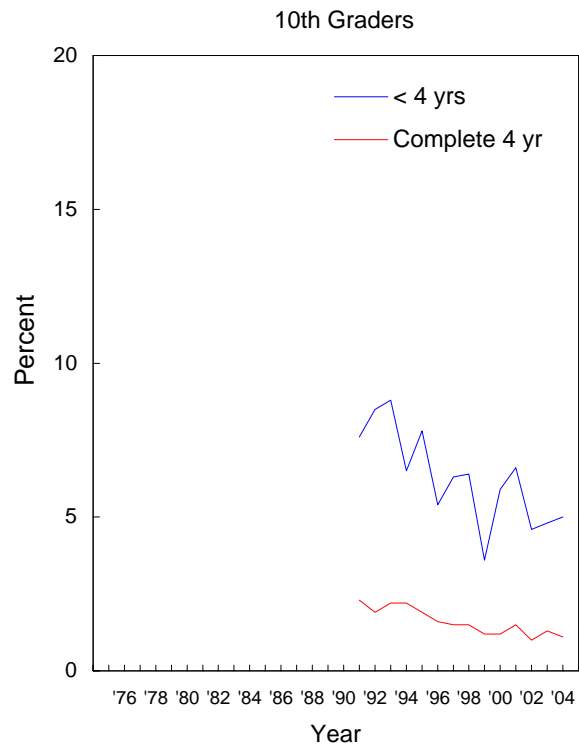
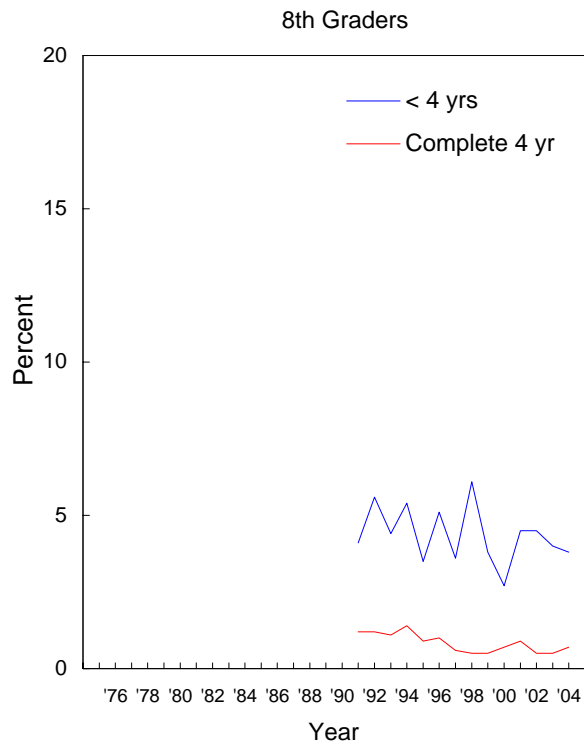


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

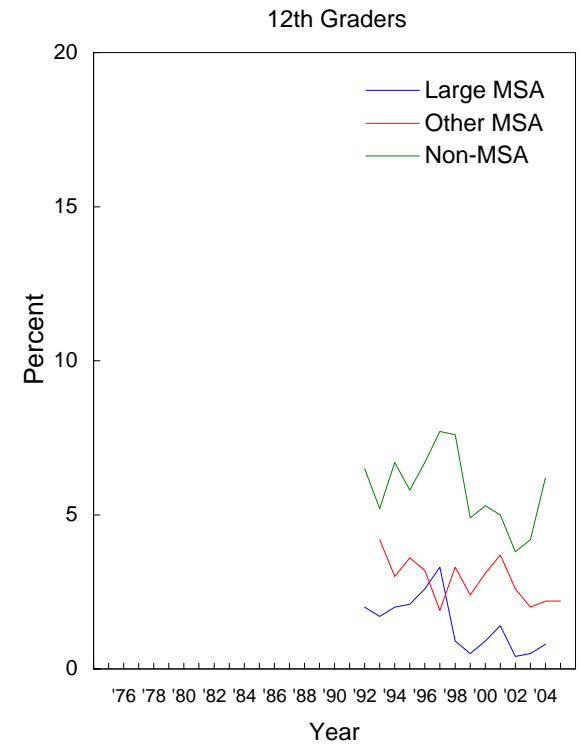
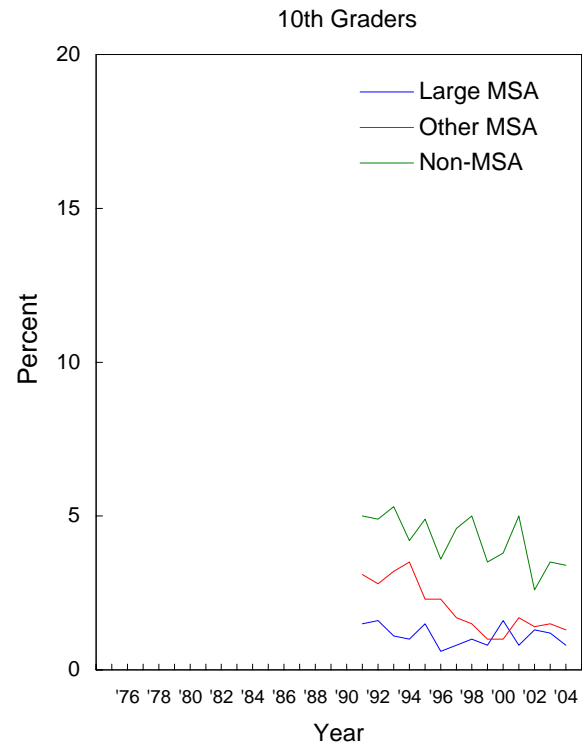
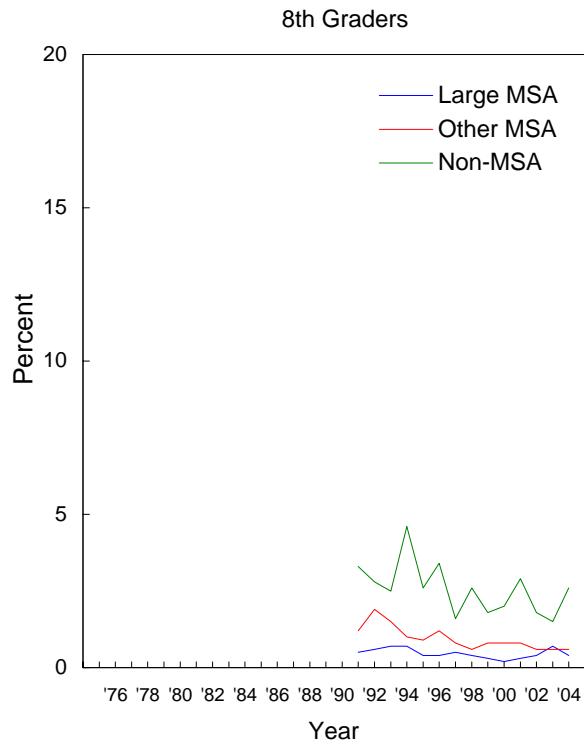
Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Gender



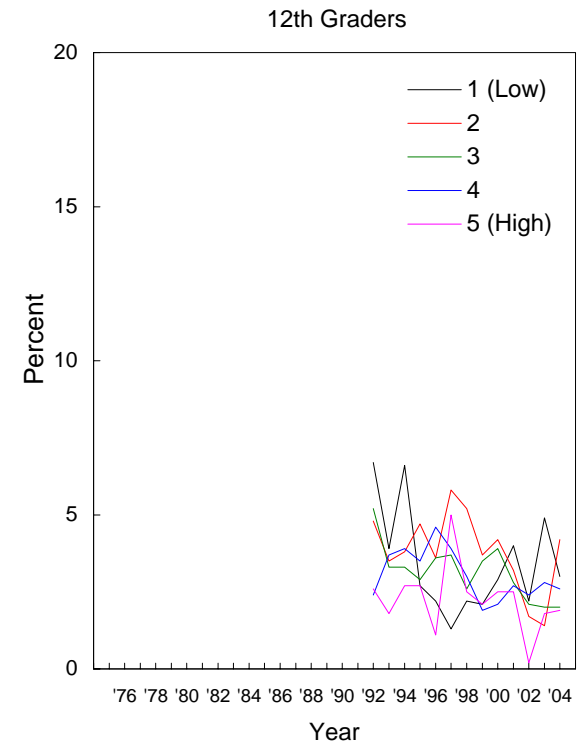
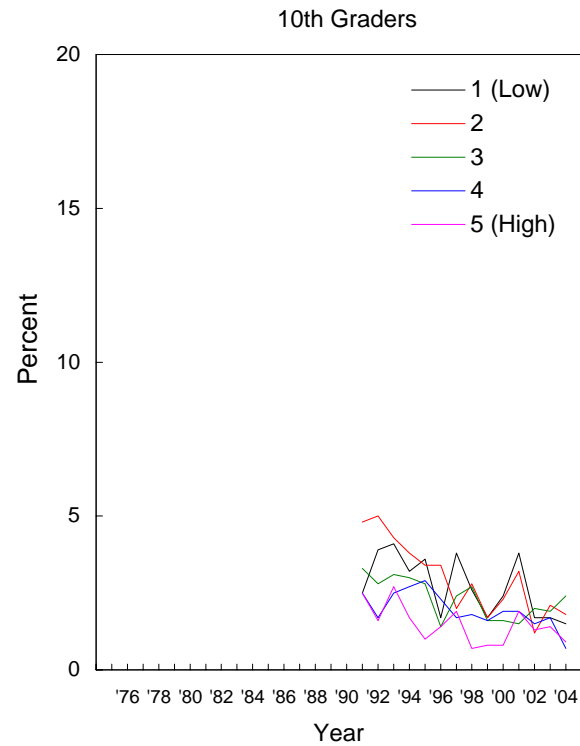
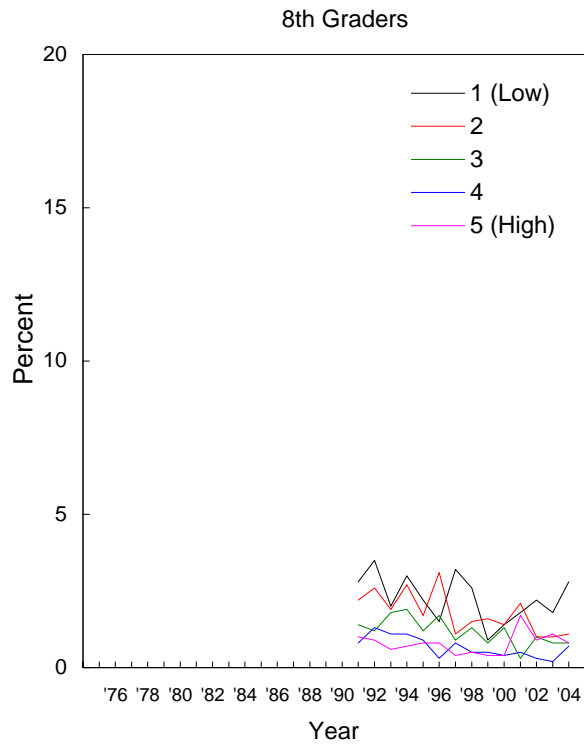
Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by College Plans



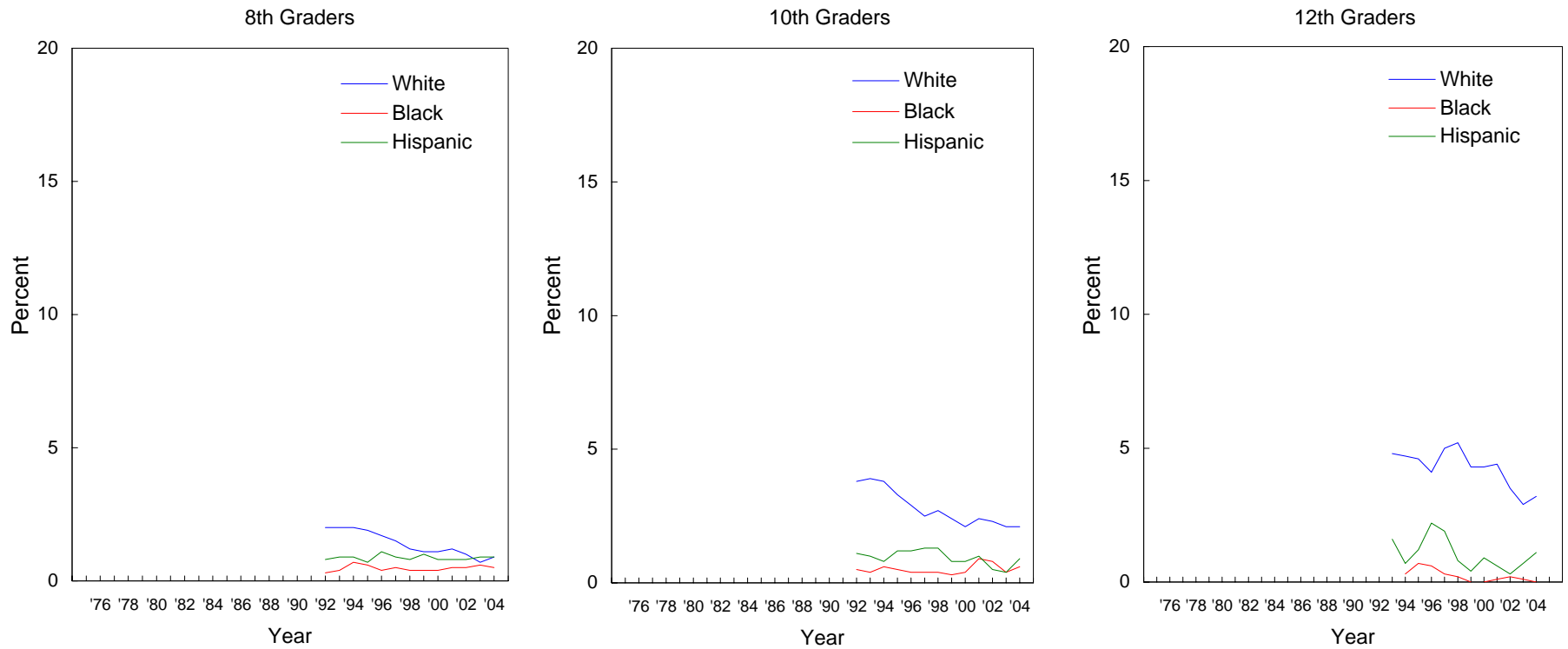
Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Population Density



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

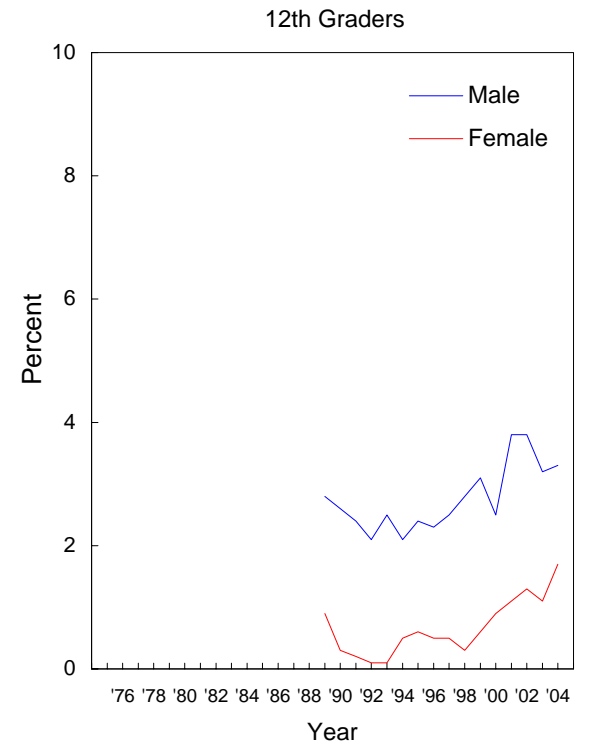
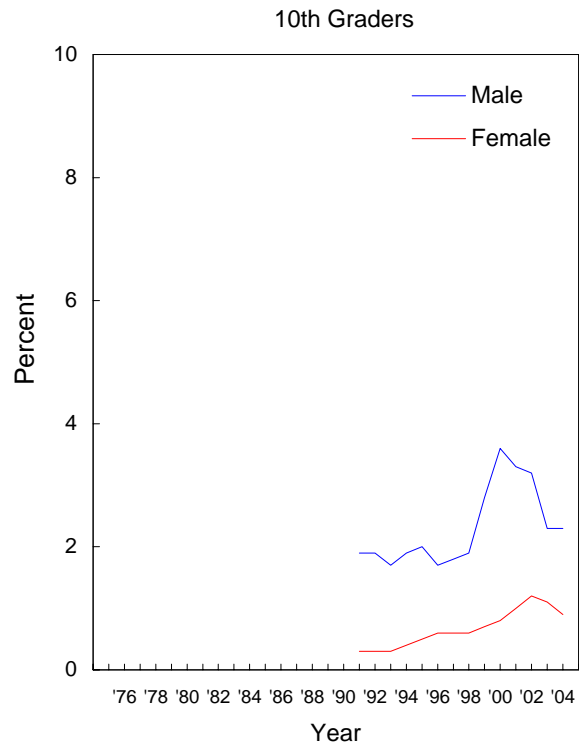
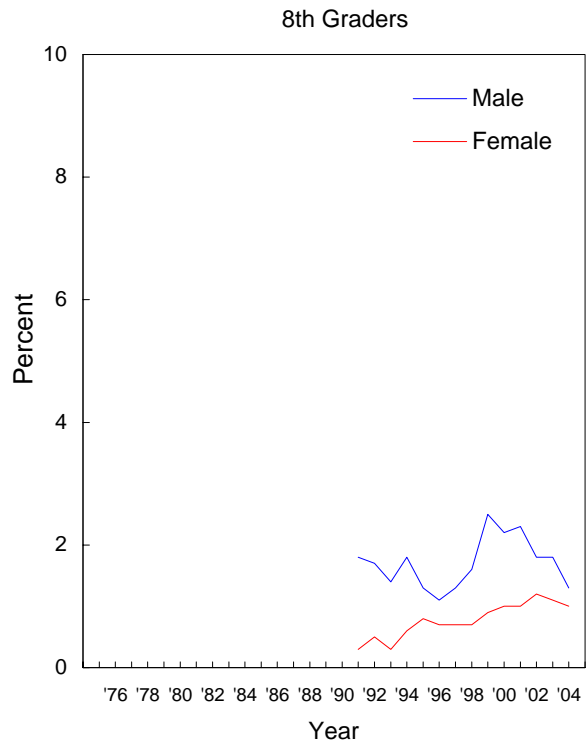


Smokeless Tobacco: Trends in 30-Day Prevalence of Daily Use by Race/Ethnicity*

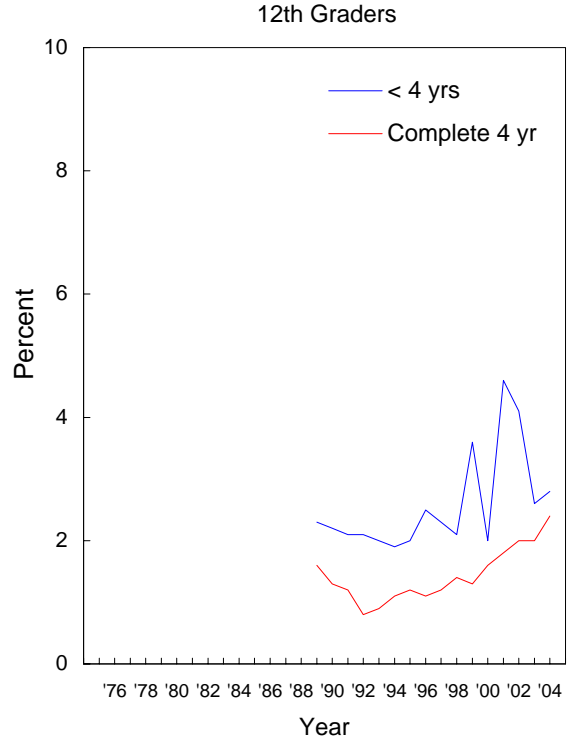
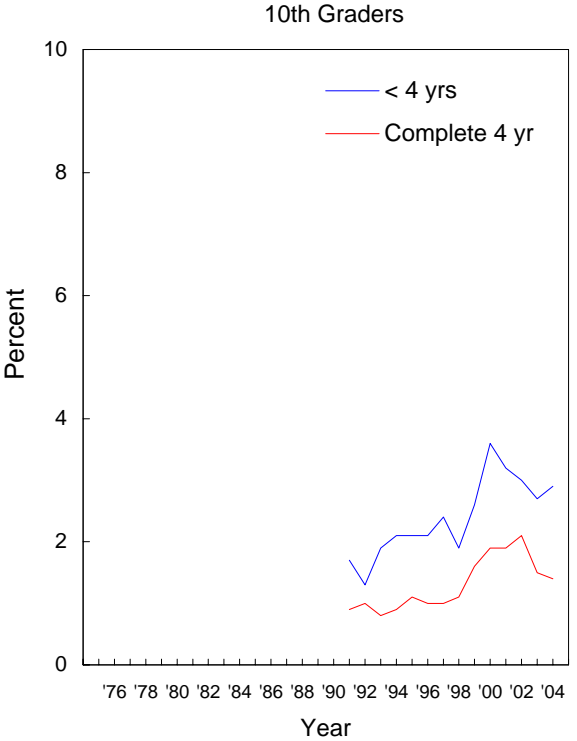
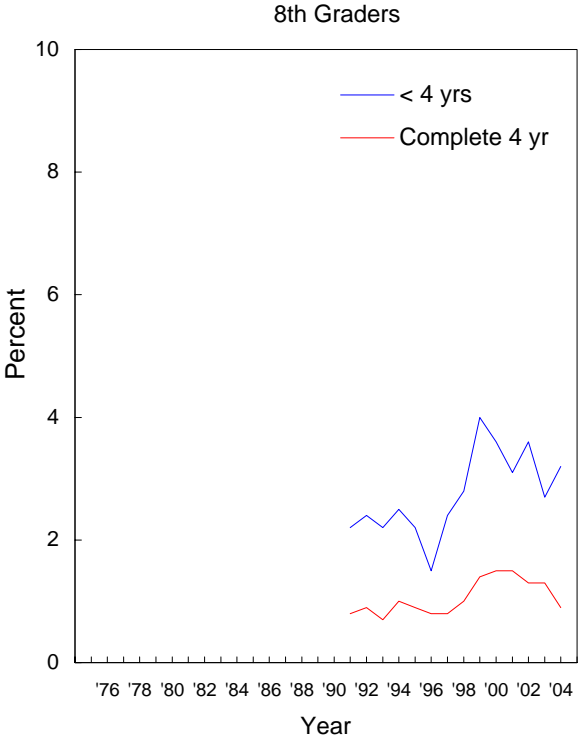


*These graphs contain two-year moving averages (i.e., the mean of the observation in the indicated year plus the corresponding observation from the previous year).

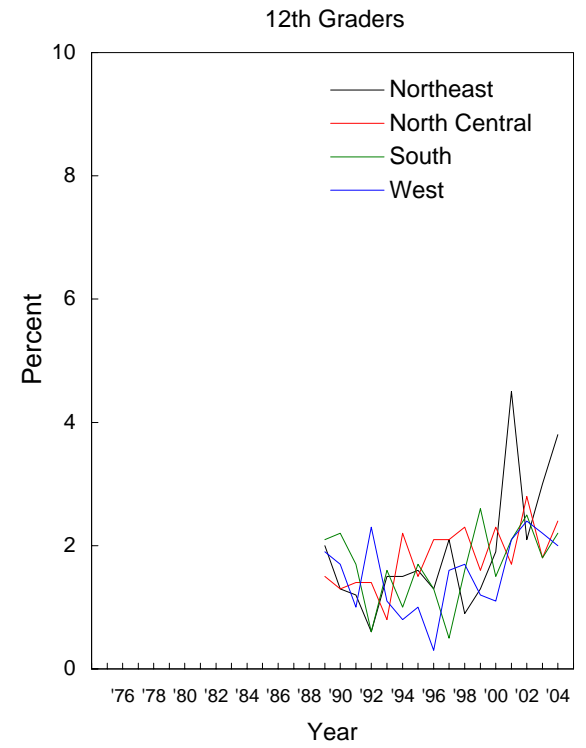
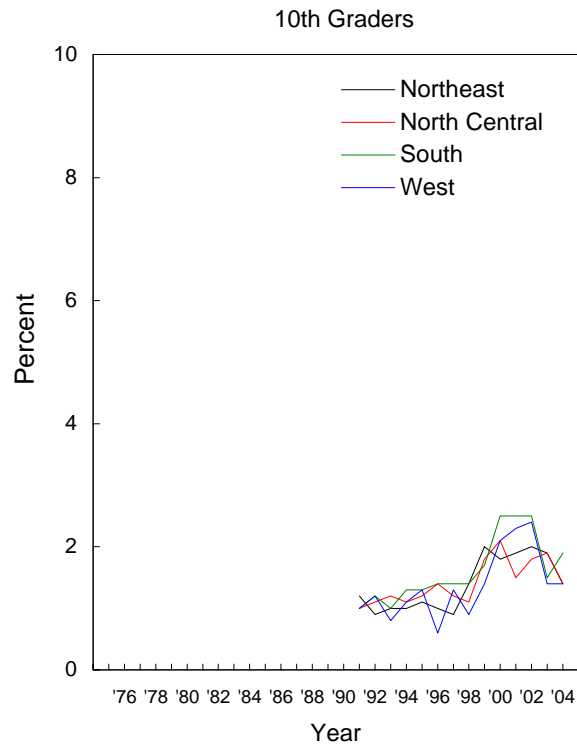
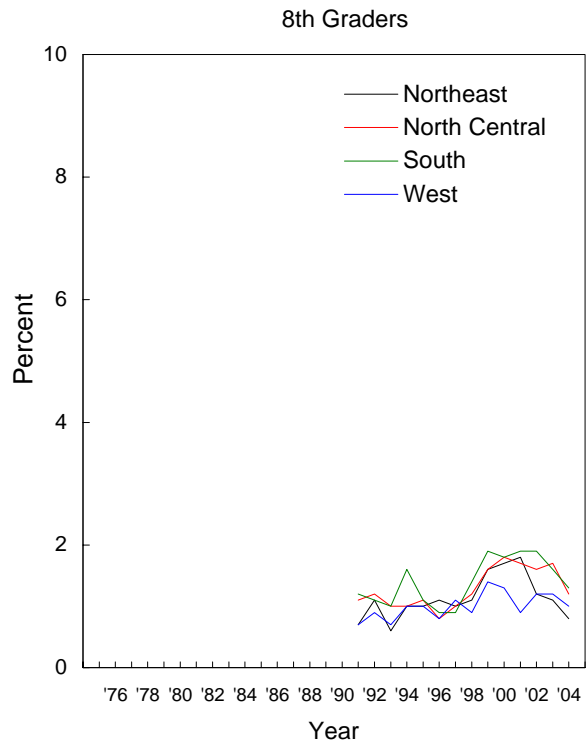
Steroids: Trends in Annual Prevalence by Gender



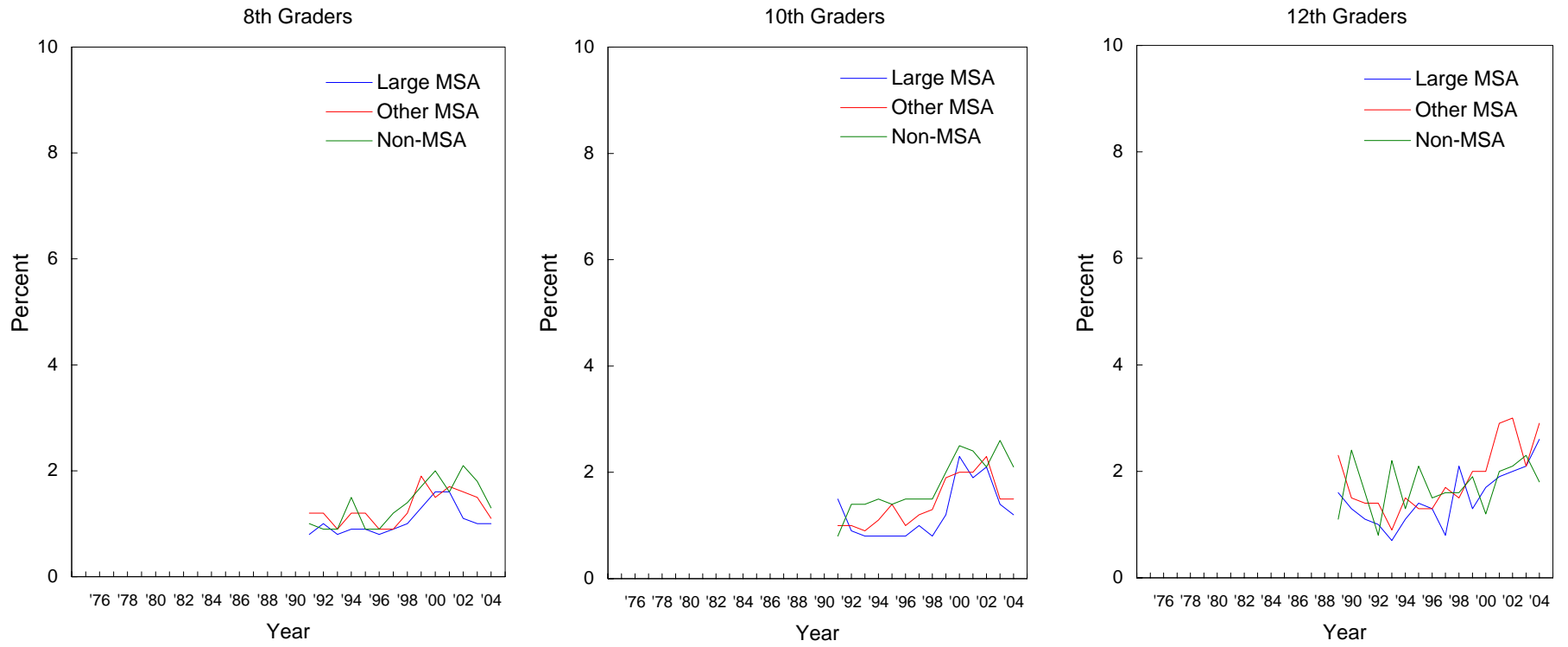
Steroids: Trends in Annual Prevalence by College Plans



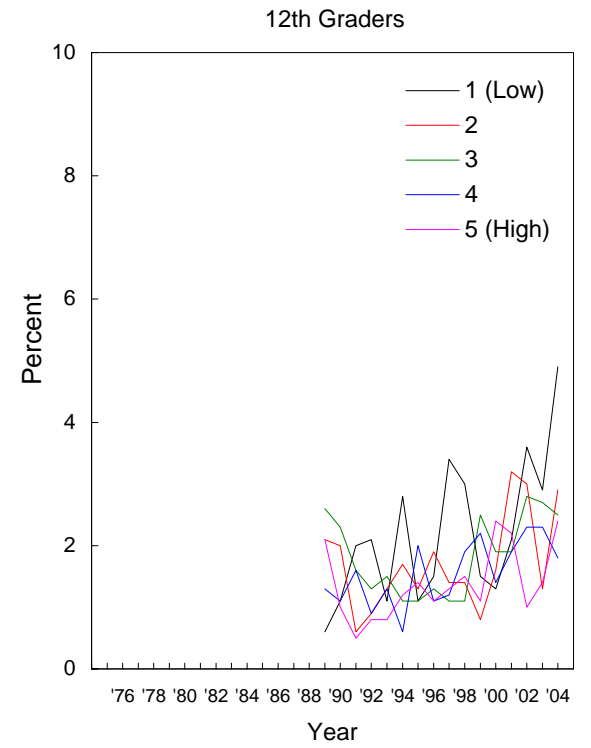
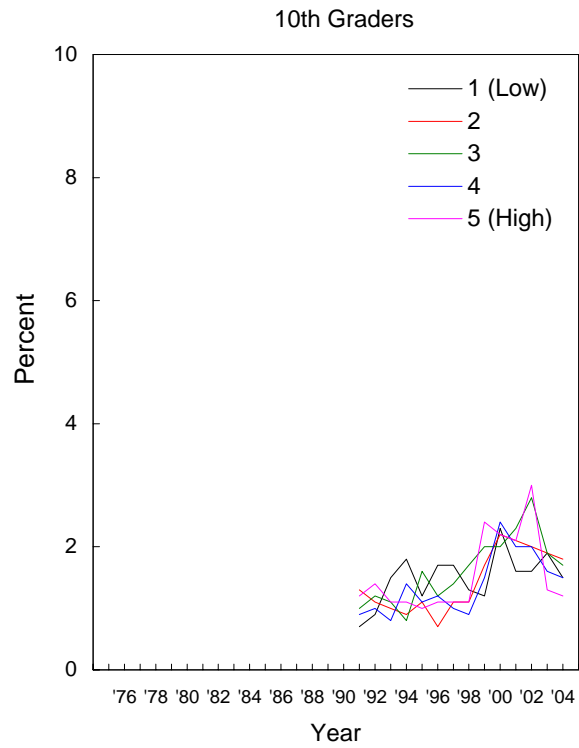
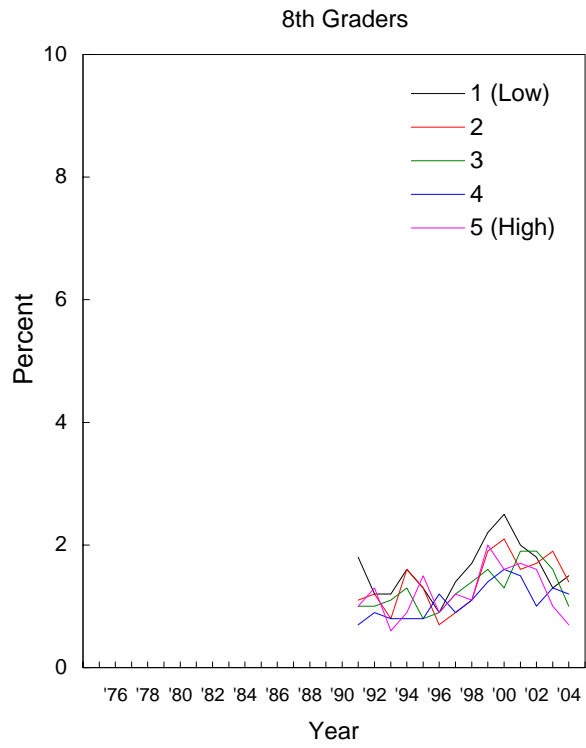
Steroids: Trends in Annual Prevalence by Region



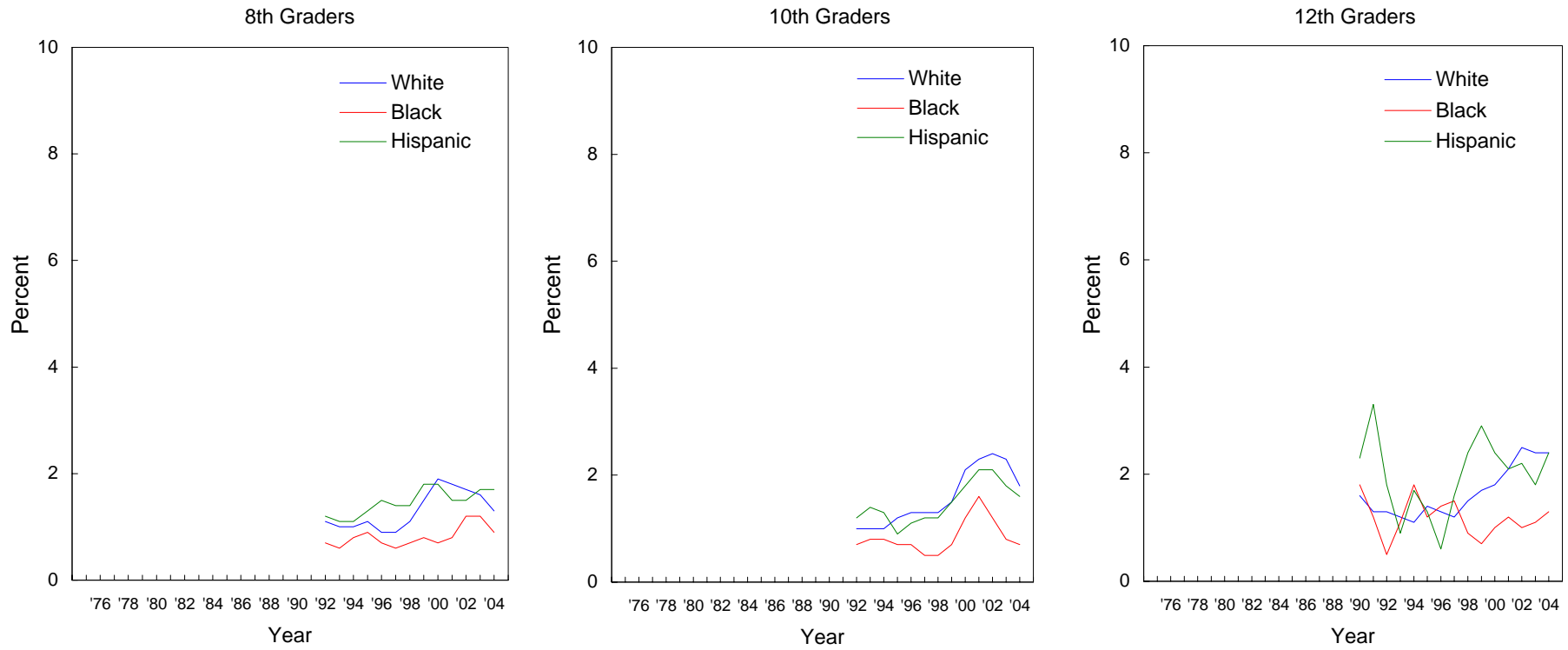
Steroids: Trends in Annual Prevalence by Population Density



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 *ns.*)

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 respondent's answer to the question about his or her expectation of graduating from a four-year college:

None or under 4 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 4 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; and after 1994, all samples were based on the 1990 Census.) The three levels of population density were defined in terms of Standard Metropolitan Statistical Area (SMSAs) designations through 1985 and then changed to the new Census Bureau classifications of Metropolitan Statistical Areas (MSAs), as described here:

Large MSAs. In the 1975-1985 samples these were the 12 largest Standard Metropolitan Statistical Areas (SMSA) as of the 1970 Census: New York, Los Angeles, Chicago, Philadelphia, Detroit, San Francisco, Washington, Boston, Pittsburgh, St. Louis, Baltimore, and Cleveland. From 1986 to 1994, the “large MSA” group consisted of the 16 largest MSAs as of the 1980 Census. 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; the 16 next largest MSAs containing a single large city 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 purpose of this split was to reduce the study’s burden on each MSA.) 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 population. 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: A general question asks, "How do you describe yourself?"

White. Consists of those respondents who describe themselves as White or Caucasian.

Black. Consists of those respondents who in 1975-1990 describe themselves as Black or Afro-American or who, after 1990, describe themselves as Black or African American.

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.

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. For most drugs, we include only annual prevalence; but other prevalence rates are provided for alcohol, cigarettes, and smokeless tobacco.

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.

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 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 the younger students. Specifically, we believe that they often fail to omit substances that should be omitted (e.g., non-prescription 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.

Graphic presentations of the trends presented in these tables for the various demographic subgroups may be found in Occasional Paper No. 61, which is on the study’s Web site (www.monitoringthefuture.org) under “Publications” and then under “Occasional Papers.”¹²⁰ This graphic presentation, which uses color to help distinguish the various subgroups, is published in electronic form only, due to the high cost of printing a document of this length in color. Because the figures are considerably easier to comprehend than large data tables, the reader interested in these trends is encouraged to make use of the occasional paper.

¹²⁰Johnston, L. D., O’Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2005). *Demographic subgroup trends for various licit and illicit drugs, 1975-2004*. (Monitoring the Future Occasional Paper No. 61) [On-line]. Ann Arbor, MI: Institute for Social Research. c. 400 pp.

List of 2004 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-53	D-54	X		
Crystal meth. (ice)	—	—	D-55	X		
Sedatives (barbiturates)	—	—	D-56	X		
Tranquilizers	D-57	D-58	D-59	X		
Rohypnol	D-60	D-61	D-62	X		
Alcohol	D-63	D-64	D-65		X	
Been drunk	D-66	D-67	D-68		X	
5+ drinks in a row	D-69	D-70	D-71			X
Beer	D-72	D-73	D-74		X	
5+ drinks in a row	D-75	D-76	D-77			X
Liquor	—	—	D-78		X	
5+ drinks in a row	—	—	D-79			X
Wine	—	—	D-80		X	
5+ drinks in a row	—	—	D-81			X
Wine coolers	D-82	D-83	D-84		X	
5+ drinks in a row	—	—	D-85			X
Flavored alcoholic beverages	D-86	D-86	D-86		X	
Cigarettes	D-87	D-88	D-89		X	
Daily	D-90	D-91	D-92			X
1/2 pack+/day	D-93	D-94	D-95			X
Smokeless tobacco	D-96	D-97	D-98		X	
Daily	D-99	D-100	D-101			X
Steroids	D-102	D-103	D-104	X		
Weighted Ns by subgroups	D-105	D-106	D-107			

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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.9
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	-1.4
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	-0.3
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	-1.2
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	-0.8
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	-0.1
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	-1.5
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	-1.3
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	-0.1
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	-0.3
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	-0.3
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	-2.7
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	-0.7
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	-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	-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	+0.1
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	-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	-1.6
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	0.0
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	-1.9

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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 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.

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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.9
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	-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	-0.6
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	-1.7
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	-0.3
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	+0.2
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	0.0
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	-1.1
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	-2.5
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	-1.6
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	-0.4
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	-1.1
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	-1.1
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	-2.4
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	+0.3
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	-0.1
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	-1.3
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	-2.8
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	+2.1
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	+0.7

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.

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

^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 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.

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:														
<i>Approx. N =</i>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>
Total	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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.

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

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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	32.5	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	-0.5
Gender:																
Male	34.3	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	+0.1
Female	30.1	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	-0.9
College Plans:																
None or under 4 years	37.8	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	-2.5
Complete 4 years	29.6	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	+0.2
Region:																
Northeast	36.4	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	+0.3
North Central	34.0	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	-1.8
South	27.6	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	+0.9
West	34.4	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	-1.8
Population Density:																
Large MSA	32.6	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	+0.6
Other MSA	33.5	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	-0.3
Non-MSA	30.1	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	-2.7
Parental Education: ^c																
1.0-2.0 (Low)	26.6	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	-1.1
2.5-3.0	32.7	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	-1.3
3.5-4.0	33.8	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	+0.8
4.5-5.0	33.1	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	-0.8
5.5-6.0 (High)	33.3	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	+0.9
Race (2-year average): ^d																
White	37.5	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	-0.7
Black	17.0	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	-0.6
Hispanic	26.4	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	-1.4

^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, 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.

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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.8
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	-1.0
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	-0.6
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	-1.9
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	-0.7
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	-1.2
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	-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	-1.1
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	+0.3
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	-0.1
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	-0.2
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	-3.0 s
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	+1.1
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	-2.1 s
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	-0.6
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	+0.2
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	-0.9
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	-0.6
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	-0.1
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	-0.4

(Table continued on next page)

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

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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 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.

^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														'03-'04 change	
	<i>Approx. N =</i>	<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^b</u>	<u>2002^b</u>	<u>2003</u>		<u>2004</u>
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	-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	-0.3
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	-0.1
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	+1.5
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	-0.2
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	+2.1
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	-1.1
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	-0.8
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	-0.2
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	-0.4
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	+0.9
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	-2.7
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	-2.6
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	-1.1
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	+0.1
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	+0.4
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	+0.5
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	-1.6
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	-0.2
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	-0.1

(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**

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.

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

^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 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.

^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
		9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
Total		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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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															'03-'04 change
	Class of:															
<i>Approx. N =</i>	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^c	2002 ^c	2003	2004	
Total	17.9	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	+0.6
Gender:																
Male	19.2	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	+0.5
Female	16.0	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	+0.8
College Plans:																
None or under 4 years	23.1	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	-0.5
Complete 4 years	15.2	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	+1.0
Region:																
Northeast	17.1	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	+1.0
North Central	18.0	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	+0.4
South	16.9	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	+1.4
West	20.4	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	-0.5
Population Density:																
Large MSA	16.0	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	+2.1
Other MSA	18.5	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	+0.3
Non-MSA	18.4	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	-1.2
Parental Education: ^d																
1.0-2.0 (Low)	15.2	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	-0.7
2.5-3.0	17.9	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	+0.4
3.5-4.0	19.1	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	+1.3
4.5-5.0	17.5	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	+1.2
5.5-6.0 (High)	17.2	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	+0.6
Race (2-year average): ^e																
White	21.0	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	-0.3
Black	6.5	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	+0.3
Hispanic	15.6	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	+0.2

(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**

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.

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

^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, 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.

^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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.9
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	-1.5
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	-0.3
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	-2.3
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	-0.8
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	+0.2
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	-1.4
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	-1.5
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	-0.6
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	-0.7
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	-0.5
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	-2.2
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	-2.8
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	-1.1
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	-0.9
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	+0.1
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	-0.3
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	-1.6
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	+0.3
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	-2.4

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.8
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	-1.0
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	-0.5
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	-2.6
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	0.0
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	-0.4
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	+0.3
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	-0.6
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	-2.4
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	-1.3
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	-0.8
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	0.0
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	-0.4
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	-1.6
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	+0.2
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	0.0
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	-1.7
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	-2.4
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	+2.0
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	+1.0

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.

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

^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-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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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.

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

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

	Percentage who used in last twelve months															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	27.0	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	-0.6
Gender:																
Male	29.4	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	-0.4
Female	24.2	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	-0.9
College Plans:																
None or under 4 years	31.1	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	-3.1
Complete 4 years	24.7	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	+0.2
Region:																
Northeast	32.2	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	-0.4
North Central	28.7	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	-2.5
South	21.4	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	+0.7
West	28.3	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	-0.6
Population Density:																
Large MSA	27.7	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	0.0
Other MSA	28.3	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	-0.3
Non-MSA	23.5	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	-2.5
Parental Education: ^a																
1.0-2.0 (Low)	21.0	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	-2.6
2.5-3.0	26.9	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	-1.1
3.5-4.0	27.6	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	+0.7
4.5-5.0	28.5	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	-1.1
5.5-6.0 (High)	29.4	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	+1.4
Race (2-year average): ^b																
White	31.6	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	-0.7
Black	13.7	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	-0.7
Hispanic	21.6	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	-1.7

^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.

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	+0.9
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	+1.1
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	+0.9
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	+1.5
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	+0.8
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	-0.1
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	0.0
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	+2.0 s
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	+0.7
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	+0.9
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	+1.8 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	-0.9
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	+2.1
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	+0.2
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	+0.7
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	+1.9 s
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	+0.4
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	+0.8
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	+0.5
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	+1.1

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	+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	+0.6
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	+0.4
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	+1.6
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	+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	+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	-0.4
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	+1.0
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	+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	+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	+1.1
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	-0.5
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	+0.4
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	+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	-0.1
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	+0.6
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	+0.8
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	-0.1
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	+0.1
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	+0.9

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.

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

^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-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
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
Adjusted ^b	—	—	—	—	8.9	7.9	6.1	6.6	6.2	7.2	7.5	8.9	8.1	7.1	6.9
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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 four of five forms in 1976–88; N is four-fifths of N indicated in Table D-107. Data based on five of six forms in 1989–98; N is five-sixths of N indicated in Table D-107. Data based on three of six forms beginning in 1999; N is one-half of N indicated in Table D-107.

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

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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^c	2002 ^c	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	6.9	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	+0.2
Adjusted ^b	7.5	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	+0.2
Gender:																
Male	8.8	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	-0.3
Female	4.9	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	+0.5
College Plans:																
None or under 4 years	7.8	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	+0.5
Complete 4 years	6.4	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	+0.3
Region:																
Northeast	7.4	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	-0.9
North Central	8.0	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	+0.1
South	6.4	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	+0.6
West	5.7	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	+1.0
Population Density:																
Large MSA	6.7	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	+0.5
Other MSA	6.8	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	-0.2
Non-MSA	7.4	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	+0.7
Parental Education: ^c																
1.0-2.0 (Low)	5.0	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	+1.2
2.5-3.0	6.9	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	+1.2
3.5-4.0	7.2	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	+1.1
4.5-5.0	7.4	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	-1.0
5.5-6.0 (High)	7.6	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	-0.8
Race (2-year average): ^c																
White	7.2	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	-0.2
Black	2.1	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	-0.2
Hispanic	4.8	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	+0.2

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-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	-0.6
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	-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	-1.0
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	-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	-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	-0.6
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	-0.2
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	-0.1
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	-0.4
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	+0.1
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	-1.2
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	+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	-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	-0.5
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	0.0
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	-0.3
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	-0.3
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	+0.3
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	+0.1

(Table continued on next page)

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

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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.

^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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	0.0
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	-0.2
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	+0.1
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	+0.4
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	+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	+0.7
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	+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	-0.3
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	-0.4
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	-0.4
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	+0.6
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	-0.7
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	-3.3 ss
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	+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	-0.1
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	+0.2
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	+0.7
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	-0.4
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	-0.2
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	-0.1

(Table continued on next page)

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

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.

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

^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.

^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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
Adjusted ^c	—	—	—	—	11.8	10.4	10.1	9.0	8.3	7.3	7.6	7.6	6.7	5.8	6.2
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	5.9	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	+0.2
Adjusted ^c	6.0	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	-0.1
Gender:																
Male	7.7	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	+0.6
Female	3.8	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	-0.1
College Plans:																
None or under 4 years	6.6	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	-0.5
Complete 4 years	5.3	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	+0.4
Region:																
Northeast	6.6	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	-0.7
North Central	5.7	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	-0.1
South	5.0	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	+0.8
West	6.9	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	+1.0
Population Density:																
Large MSA	5.7	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	+1.2
Other MSA	6.6	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	0.0
Non-MSA	4.5	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	-0.7
Parental Education: ^d																
1.0-2.0 (Low)	3.8	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	-0.4
2.5-3.0	4.6	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	+0.7
3.5-4.0	6.5	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	+0.2
4.5-5.0	6.8	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	-0.1
5.5-6.0 (High)	8.2	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	+0.8
Race (2-year average): ^e																
White	6.7	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	-0.2
Black	0.8	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	-0.1
Hispanic	3.3	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	-0.5

(Table continued on next page)

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

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.

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

^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.

^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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-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	-0.3
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	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	+0.4
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	-0.2
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	-0.4
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	-0.3
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	-0.1
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	0.0
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	-0.1
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	+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	-0.7
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	+0.5
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	-0.2
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	-0.3
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	-0.1
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	-0.1
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	-0.3
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	+0.2
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	+0.2

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.1
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	-0.1
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	-0.2
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	0.0
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	-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	-0.1
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	-0.2
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	-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	+0.2
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	-0.2
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	+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	-0.8
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	-2.3 ss
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	-0.2
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	-0.3
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	+0.3
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	+0.4
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	-0.5
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	0.0
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	-0.7

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.

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

^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-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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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.

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

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

	Percentage who used in last twelve months															'03-'04 change	
	Class of:																
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
Total	5.4	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	+0.4	
Gender:																	
Male	7.1	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	+0.7	
Female	3.6	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	+0.1	
College Plans:																	
None or under 4 years	6.2	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	+0.2	
Complete 4 years	4.8	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	+0.4	
Region:																	
Northeast	5.9	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	-0.2	
North Central	5.3	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	0.0	
South	4.7	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	+0.7	
West	6.4	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	+0.9	
Population Density:																	
Large MSA	5.2	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	+0.4	
Other MSA	6.1	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	+0.4	
Non-MSA	4.2	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	+0.2	
Parental Education: ^a																	
1.0-2.0 (Low)	3.4	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	
2.5-3.0	4.4	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	+0.5	
3.5-4.0	6.0	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	0.0	
4.5-5.0	6.2	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	+0.3	
5.5-6.0 (High)	7.4	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	+0.4	
Race (2-year average): ^b																	
White	6.1	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	-0.8	
Black	0.6	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	0.0	
Hispanic	2.7	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	-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.

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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	
<i>Approx. N =</i>	<i>17500</i>	<i>18600</i>	<i>18300</i>	<i>17300</i>	<i>17500</i>	<i>17800</i>	<i>18600</i>	<i>18100</i>	<i>16700</i>	<i>16700</i>	<i>16200</i>	<i>15100</i>	<i>16500</i>	<i>17000</i>	
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	-0.2
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	-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	0.0
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	-1.0
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	-0.1
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	-0.3
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	-0.4
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	-0.2
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	-0.1
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	-0.2
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	+0.1
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	-1.0
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	+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	-0.8
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	-0.4
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	+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	0.0
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	-0.1
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	+0.2
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	0.0

(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

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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.

^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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	+0.2
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	-0.1
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	+0.4
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	+0.9
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	+0.2
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	+0.9
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	+0.4
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	-0.2
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	-0.3
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	-0.1
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	+0.5
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	-0.2
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	-2.4 s
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	+0.3
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	+0.3
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	+0.3
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	+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	-0.2
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	-0.2
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	+0.4

(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

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.

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

^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.

^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:														
<i>Approx. N =</i>	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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															'03-'04 change	
	Class of:																
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^a	2002 ^a	2003	2004		
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
Total	2.1	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	+0.2	
Gender:																	
Male	3.0	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	+0.5	
Female	1.1	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	0.0	
College Plans:																	
None or under 4 years	2.1	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	-0.4	
Complete 4 years	1.9	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	+0.4	
Region:																	
Northeast	2.9	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	-0.6	
North Central	1.7	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	-0.1	
South	1.7	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	+0.7	
West	2.6	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	+0.9	
Population Density:																	
Large MSA	2.3	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	+1.3	
Other MSA	2.4	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	0.0	
Non-MSA	1.5	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	-1.0	
Parental Education: ^b																	
1.0-2.0 (Low)	1.5	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	-1.4	
2.5-3.0	1.2	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	+0.6	
3.5-4.0	2.2	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	+0.1	
4.5-5.0	2.8	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	+0.3	
5.5-6.0 (High)	3.6	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	+0.8	
Race (2-year average): ^c																	
White	2.4	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	+0.1	
Black	0.4	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	0.0	
Hispanic	1.5	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	-0.4	

(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

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.

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

^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.

^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															'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
<i>Approx. N =</i>	—	—	—	—	—	17800	18600	18100	16700	16700	16200	15100	16500	17000		
Total	—	—	—	—	—	2.3	2.3	1.8	1.7	3.1	3.5	2.9	2.1	1.7	-0.3	
Gender:																
Male	—	—	—	—	—	2.2	2.7	2.3	1.7	3.1	3.4	3.1	1.8	1.7	-0.2	
Female	—	—	—	—	—	2.3	2.0	1.3	1.7	3.0	3.7	2.6	2.2	1.8	-0.4	
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	-1.5	
Complete 4 years	—	—	—	—	—	1.9	2.0	1.5	1.2	2.7	2.9	2.3	1.5	1.3	-0.2	
Region:																
Northeast	—	—	—	—	—	2.1	1.5	1.6	1.8	2.4	3.8	2.0	1.8	1.8	0.0	
North Central	—	—	—	—	—	1.7	1.7	1.7	1.4	3.5	2.9	2.3	2.1	1.4	-0.7	
South	—	—	—	—	—	2.8	2.3	2.7	1.8	3.2	3.7	3.7	2.5	1.9	-0.5	
West	—	—	—	—	—	2.3	3.8	0.8	1.7	2.9	3.6	3.0	1.6	1.7	+0.2	
Population Density:																
Large MSA	—	—	—	—	—	2.9	1.8	1.8	1.6	3.0	3.1	2.6	1.8	2.1	+0.3	
Other MSA	—	—	—	—	—	2.5	3.1	2.1	1.8	3.4	4.3	3.3	1.9	1.9	0.0	
Non-MSA	—	—	—	—	—	1.2	1.5	1.5	1.6	2.5	2.5	2.5	2.7	1.0	-1.6 ss	
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	+0.1	
2.5-3.0	—	—	—	—	—	2.2	2.4	1.4	2.0	3.9	4.3	3.6	3.1	2.2	-0.9	
3.5-4.0	—	—	—	—	—	2.2	2.9	2.6	1.5	2.8	2.4	2.9	2.1	1.7	-0.4	
4.5-5.0	—	—	—	—	—	2.6	2.0	1.4	1.2	3.1	3.3	2.4	1.4	1.2	-0.1	
5.5-6.0 (High)	—	—	—	—	—	2.4	2.7	2.5	2.3	2.0	3.0	1.2	2.0	1.7	-0.3	
Race (2-year average): ^b																
White	—	—	—	—	—	—	2.7	2.4	1.9	2.5	3.2	2.9	2.4	1.9	-0.5	
Black	—	—	—	—	—	—	0.3	0.4	0.5	0.6	1.1	1.1	1.0	1.6	+0.6	
Hispanic	—	—	—	—	—	—	2.5	1.7	1.9	3.3	5.3	5.9	4.0	2.3	-1.7	

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-105 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-105. Data based on two of four forms beginning in 2002; N is one-half of N indicated in Table D-105.

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

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

	Percentage who used in last twelve months															'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
<i>Approx. N =</i>	—	—	—	—	—	15600	15500	15000	13600	14300	14000	14300	15800	16400		
Total	—	—	—	—	—	4.6	3.9	3.3	4.4	5.4	6.2	4.9	3.0	2.4	-0.6	
Gender:																
Male	—	—	—	—	—	4.9	4.7	3.5	4.7	5.7	7.6	4.3	2.8	2.4	-0.4	
Female	—	—	—	—	—	4.2	3.1	2.9	4.2	4.8	4.9	5.2	3.2	2.4	-0.8	
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	-0.3	
Complete 4 years	—	—	—	—	—	4.0	3.3	2.9	3.7	4.5	5.1	4.1	2.6	2.0	-0.6	
Region:																
Northeast	—	—	—	—	—	4.4	3.0	3.8	7.0	6.4	8.2	4.4	2.7	2.6	0.0	
North Central	—	—	—	—	—	3.6	3.2	2.2	2.3	5.2	4.8	4.6	2.5	1.9	-0.6	
South	—	—	—	—	—	5.6	5.0	4.1	4.1	5.2	5.9	5.1	3.8	2.6	-1.1	
West	—	—	—	—	—	4.1	3.7	2.7	4.4	5.0	6.8	5.2	3.0	2.7	-0.2	
Population Density:																
Large MSA	—	—	—	—	—	5.6	4.0	2.5	5.2	7.0	7.3	5.1	2.4	1.8	-0.6	
Other MSA	—	—	—	—	—	4.6	3.6	4.1	4.7	5.3	5.5	5.2	3.1	3.1	0.0	
Non-MSA	—	—	—	—	—	3.3	4.2	2.7	2.8	3.7	6.3	3.7	3.8	2.0	-1.8 s	
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	+0.9	
2.5-3.0	—	—	—	—	—	4.7	3.9	3.1	4.4	4.9	6.5	5.5	3.8	3.3	-0.5	
3.5-4.0	—	—	—	—	—	4.7	5.2	4.3	4.0	6.3	7.0	5.5	3.5	2.1	-1.4 s	
4.5-5.0	—	—	—	—	—	4.2	2.5	2.9	4.3	5.0	5.3	3.9	2.7	2.3	-0.5	
5.5-6.0 (High)	—	—	—	—	—	5.3	4.0	4.4	5.6	4.8	5.8	4.6	2.3	1.4	-0.8	
Race (2-year average): ^b																
White	—	—	—	—	—	—	4.8	4.0	4.4	5.3	6.0	6.2	4.6	3.1	-1.6 s	
Black	—	—	—	—	—	—	0.8	1.2	1.3	1.5	2.2	1.8	1.5	0.9	-0.5	
Hispanic	—	—	—	—	—	—	3.6	2.3	2.4	4.6	5.4	4.3	3.4	3.0	-0.3	

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.

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

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

	Percentage who used in last twelve months												'03-'04 change
	Class of:												
<i>Approx. N =</i>	1975-79	1980-89	1990-95	1996	1997	1998	1999	2000	2001	2002	2003	2004	
Total	—	—	—	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	—	—	—	4.6	4.0	3.6	5.6	8.2	9.2	7.4	4.5	4.0	-0.6
Gender:													
Male	—	—	—	4.8	5.6	4.8	5.6	8.1	10.5	8.2	4.8	4.7	-0.1
Female	—	—	—	4.2	2.5	2.7	5.6	8.2	8.0	6.4	4.0	3.2	-0.8
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	-1.2
Complete 4 years	—	—	—	4.0	3.9	3.3	6.2	8.0	8.7	7.1	3.9	3.6	-0.3
Region:													
Northeast	—	—	—	6.3	6.9	3.7	9.4	8.8	10.1	10.3	5.1	3.5	-1.7
North Central	—	—	—	3.7	1.3	2.7	3.3	5.7	11.8	5.0	4.7	3.0	-1.7
South	—	—	—	4.6	4.3	4.0	5.7	5.9	5.7	7.9	4.2	5.1	+0.8
West	—	—	—	3.9	4.1	4.0	5.0	14.4	10.3	6.8	4.2	3.8	-0.4
Population Density:													
Large MSA	—	—	—	3.6	3.6	3.2	6.1	8.7	10.9	8.4	4.3	4.0	-0.2
Other MSA	—	—	—	5.1	4.6	4.3	6.1	8.4	9.7	8.1	5.0	4.5	-0.5
Non-MSA	—	—	—	4.5	3.4	2.7	4.2	7.4	6.4	4.6	4.0	2.8	-1.2
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	+0.5
2.5-3.0	—	—	—	5.0	3.1	3.2	5.1	7.7	10.3	8.0	3.8	3.7	0.0
3.5-4.0	—	—	—	4.9	3.8	3.2	5.7	6.2	8.4	7.5	5.7	4.6	-1.1
4.5-5.0	—	—	—	4.0	2.9	4.3	6.2	8.3	11.2	7.3	5.0	3.8	-1.2
5.5-6.0 (High)	—	—	—	4.1	8.7	3.5	4.7	10.6	8.1	7.6	3.3	3.1	-0.1
Race (2-year average): ^b													
White	—	—	—	—	5.2	4.7	5.1	7.6	9.6	8.5	6.4	4.7	-1.7
Black	—	—	—	—	0.4	0.4	0.5	1.3	2.4	1.7	1.4	1.6	+0.2
Hispanic	—	—	—	—	2.8	2.7	6.0	10.6	10.2	7.0	5.3	3.7	-1.5

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 six forms in 1996–2001; N is one-sixth of N indicated in Table D-107. Data based on two of six forms beginning in 2002; N is two-sixths of N indicated in Table D-107.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.1
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	-0.2
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	+0.1
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	-0.3
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	-0.1
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	+0.3
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	-0.4
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	-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	+0.2
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	+0.5
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	-0.1
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	-1.0
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	-0.7
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	+0.1
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	-0.3
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	+0.3
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	-0.8
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	-0.3
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	+0.2
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	-0.1

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	+0.4
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	+0.6
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	+0.3
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	+1.1
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	+0.5
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	+0.3
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	+0.5
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	+0.1
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	+1.1
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	+0.8
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	+0.6
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	-0.7
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	-0.4
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	+0.3
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	+0.6
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	+0.9
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	+0.2
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	-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	-0.1
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	-0.3

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.

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

^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-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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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.

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

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

	Percentage who used in last twelve months															'03-'04 change	
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
	<i>Class of:</i>																
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
Total	5.3	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	+0.5	
Gender:																	
Male	6.6	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	+0.6	
Female	3.8	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	+0.4	
College Plans:																	
None or under 4 years	7.8	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	+2.3 s	
Complete 4 years	4.1	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	+0.1	
Region:																	
Northeast	6.5	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	-0.2	
North Central	4.1	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	+0.3	
South	4.8	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	+0.7	
West	6.6	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	+1.2	
Population Density:																	
Large MSA	5.6	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	+0.9	
Other MSA	5.4	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	+0.2	
Non-MSA	4.8	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	+0.4	
Parental Education: ^a																	
1.0-2.0 (Low)	4.7	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	+2.4	
2.5-3.0	5.6	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	+1.1	
3.5-4.0	5.6	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	+0.2	
4.5-5.0	4.4	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	+0.5	
5.5-6.0 (High)	5.5	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	-0.1	
Race (2-year average): ^b																	
White	6.3	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	0.0	
Black	1.7	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	+0.1	
Hispanic	7.4	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	+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.

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.2
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	-0.2
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	-0.1
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	-0.9
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	-0.1
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	-0.1
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	-0.2
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	-0.5
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	0.0
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	+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	-0.4
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	-0.5
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	-1.1
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	0.0
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	-0.3
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	0.0
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	-0.3
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	-0.2
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	+0.1
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	-0.2

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	+0.1
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	+0.2
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	0.0
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	+0.1
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	+0.1
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	0.0
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	+0.1
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	-0.3
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	+0.6
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	+0.3
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	+0.1
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	-0.4
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	+0.7
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	0.0
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	0.0
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	+0.1
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	+0.1
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	-0.4
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	-0.2
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	-0.4

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.

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

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

	Percentage who used in last twelve months																				'03-'04 change			
	1975-85	1986	1987	1988	1989	1990	1991	1992	1993	Class of:		1994	1995	1996	1997	1998	1999	2000	2001	2002		2003	2004	
Approx. N =	—	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600				
Total	—	4.1	3.9	3.1	3.1	1.9	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	2.3	2.3	+0.1	
Gender:																								
Male	—	4.2	4.6	4.0	4.3	2.3	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	2.5	2.5	+0.2	
Female	—	3.6	3.0	2.0	1.8	1.4	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	1.9	1.9	0.0	
College Plans:																								
None or under																								
4 years	—	5.2	5.1	4.1	3.8	3.5	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	3.9	+1.2 s		
Complete 4 years	—	2.8	2.7	2.3	2.7	1.2	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	1.7	-0.1		
Region:																								
Northeast	—	6.0	4.0	2.3	3.3	2.0	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	1.7	1.7	-0.3	
North Central	—	3.1	3.5	2.4	2.2	1.6	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	2.1	+0.2		
South	—	1.6	2.8	2.6	3.3	1.8	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	2.2	+0.2		
West	—	7.5	6.1	5.6	3.8	2.7	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	3.3	+0.4		
Population Density:																								
Large MSA	—	5.9	4.7	3.9	3.4	1.6	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	2.0	+0.2		
Other MSA	—	3.5	3.5	3.2	3.3	2.0	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	2.2	-0.2		
Non-MSA	—	3.5	3.7	2.0	2.2	2.0	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	2.8	+0.4		
Parental Education: ^a																								
1.0-2.0 (Low)	—	1.2	3.6	3.3	3.1	2.2	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	3.3	+0.9		
2.5-3.0	—	5.3	4.2	2.6	3.1	2.2	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	2.9	+1.4 sss		
3.5-4.0	—	4.0	4.0	3.4	2.8	1.8	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	1.9	-0.4		
4.5-5.0	—	2.9	3.4	3.1	2.6	1.1	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	1.8	-0.4		
5.5-6.0 (High)	—	3.7	2.4	2.1	3.7	1.8	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	1.7	-0.2		
Race (2-year average): ^b																								
White	—	—	3.8	3.4	3.1	2.1	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	2.2	0.0		
Black	—	—	1.9	2.5	2.0	1.3	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	1.3	+0.1		
Hispanic	—	—	5.5	3.7	3.2	4.2	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	3.0	0.0		

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 five forms in 1986; N is one-fifth of N indicated in Table D-107. 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-107. Data based on six forms beginning in 1990.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-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	-0.2
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	+0.2
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	+0.5
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	-0.1
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	+0.6
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	-0.7
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	-0.1
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	+0.2
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	+0.5
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	0.0
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	-0.9
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	+0.2
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	+0.1
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	-0.1
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	+0.2
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	-0.6
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	-0.3
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	+0.2
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	+0.2

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

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

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	+0.5
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	+0.7
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	+0.3
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	+1.0
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	+0.6
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	+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	+0.7
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	+0.1
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	+0.9
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	+0.8
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	+0.7
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	-0.5
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	-0.7
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	+0.2
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	+0.7
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	+1.0 s
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	+0.4
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	0.0
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	0.0
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	-0.2

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.

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

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

	Percentage who used in last twelve months																			'03-'04 change		
	1975-86	1987	1988	1989	1990	1991	1992	1993	1994	Class of:		1995	1996	1997	1998	1999	2000	2001	2002		2003	2004
<i>Approx. N =</i>	—	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600			
Total	—	9.8	7.4	5.2	4.6	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			+0.4
Gender:																						
Male	—	10.1	8.0	6.5	5.8	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			+0.4
Female	—	9.1	6.2	4.0	3.2	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			+0.6
College Plans:																						
None or under 4 years		9.8	6.0	7.3	6.3	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			+2.0
Complete 4 years	—	8.3	6.7	4.2	3.7	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			+0.1
Region:																						
Northeast	—	12.9	7.0	4.9	5.6	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			-0.9
North Central	—	8.2	5.6	4.8	3.7	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			+0.7
South	—	5.8	5.8	4.6	4.1	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			+0.8
West	—	15.3	13.4	7.5	6.1	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			+1.1
Population Density:																						
Large MSA	—	13.3	9.8	5.6	5.0	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			+1.0
Other MSA	—	8.9	7.8	5.4	4.7	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			+0.1
Non-MSA	—	8.0	4.5	4.4	4.1	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			+0.2
Parental Education: ^a																						
1.0-2.0 (Low)	—	5.3	4.9	3.3	3.4	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			+2.2
2.5-3.0	—	10.5	6.5	4.6	5.0	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			+0.2
3.5-4.0	—	10.5	7.2	5.1	4.7	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			+0.5
4.5-5.0	—	9.0	7.7	6.1	4.1	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			+0.8
5.5-6.0 (High)	—	9.7	9.0	6.5	5.4	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			-0.2
Race (2-year average): ^b																						
White	—	—	9.3	7.0	5.3	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			-0.1
Black	—	—	2.8	1.4	0.7	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			+0.1
Hispanic	—	—	6.3	5.1	5.1	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			+0.9

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 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-107. Data based on four of six forms beginning in 1990; N is four-sixths of N indicated in Table D-107.

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

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

	Percentage who used in last twelve months														'03-'04 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	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	0.0
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	0.0
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	+0.1
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	+1.1
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	0.0
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	+0.3
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	-0.2
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	-0.2
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	+0.4
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	+0.4
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	+0.1
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	-0.6 s
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	-0.2
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	+0.1
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	+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	+0.2
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	-0.1
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	0.0
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	+0.2
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	+0.3

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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 form was 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.

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

	Percentage who used in last twelve months														'03-'04 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		
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400		
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	+0.2	
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	+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	+0.1	
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	+0.8	
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	+0.1	
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	+0.5	
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	0.0	
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	+0.1	
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	+0.1	
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	+0.4	
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	+0.2	
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	-0.2	
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	+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	+0.2	
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	+0.1	
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	+0.1	
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	+0.2	
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	-0.1	
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	+0.1	
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	+0.2	

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.

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

^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 form was 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.

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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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

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

	Percentage who used in last twelve months															'03-'04 change
	1990	1991	1992	1993	1994	1995 ^a	1996 ^a	1997 ^a	1998 ^a	1999 ^a	2000 ^a	2001 ^a	2002 ^a	2003 ^a	2004 ^a	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	0.5	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	+0.1
Gender:																
Male	0.6	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	+0.4 s
Female	0.3	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	-0.1
College Plans:																
None or under 4 years	0.6	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	+0.8 s
Complete 4 years	0.4	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	0.0
Region:																
Northeast	0.8	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	+0.2
North Central	0.3	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	0.0
South	0.5	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	0.0
West	0.3	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	+0.4
Population Density:																
Large MSA	0.4	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	+0.2
Other MSA	0.5	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	+0.2
Non-MSA	0.5	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	-0.3
Parental Education: ^b																
1.0-2.0 (Low)	0.8	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	+0.4
2.5-3.0	0.4	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	+0.2
3.5-4.0	0.4	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	-0.1
4.5-5.0	0.4	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	+0.2
5.5-6.0 (High)	0.5	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	0.0
Race (2-year average): ^c																
White	0.6	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	-0.1
Black	0.3	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	0.0
Hispanic	0.6	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	+0.2

^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.

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														
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	'03-'04
<i>Approx. N =</i>		—	—	—	—	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	change
Total		—	—	—	—	0.9	1.0	0.8	0.8	0.9	0.6	0.7	0.6	0.6	0.7	+0.1
Gender:																
Male		—	—	—	—	1.2	1.0	0.8	1.0	1.0	0.7	0.7	0.6	0.7	0.7	0.0
Female		—	—	—	—	0.5	1.0	0.7	0.7	0.8	0.6	0.7	0.6	0.5	0.7	+0.2
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	+1.2
Complete 4 years		—	—	—	—	0.6	0.7	0.6	0.6	0.7	0.5	0.6	0.5	0.4	0.4	0.0
Region:																
Northeast		—	—	—	—	0.8	1.3	0.5	0.6	1.0	0.8	0.9	0.6	0.4	0.7	+0.3
North Central		—	—	—	—	0.9	1.1	0.7	0.9	1.2	0.9	0.7	0.8	0.6	0.6	+0.1
South		—	—	—	—	0.8	0.9	0.8	1.0	0.9	0.3	0.9	0.6	0.7	0.6	-0.1
West		—	—	—	—	1.0	1.0	1.0	0.8	0.7	0.8	0.3	0.6	0.7	0.9	+0.2
Population Density:																
Large MSA		—	—	—	—	0.9	0.7	0.6	0.8	0.8	0.7	0.7	0.4	0.5	1.0	+0.4 s
Other MSA		—	—	—	—	0.9	1.2	0.8	0.8	0.9	0.6	0.6	0.7	0.6	0.7	+0.1
Non-MSA		—	—	—	—	0.9	1.1	0.9	1.1	1.1	0.7	1.0	0.8	0.9	0.5	-0.4
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	-0.1
2.5-3.0		—	—	—	—	0.5	1.2	0.8	0.8	0.9	0.5	0.7	0.9	0.6	0.8	+0.2
3.5-4.0		—	—	—	—	0.8	1.2	0.6	0.6	0.9	0.4	0.6	0.6	0.4	0.7	+0.2
4.5-5.0		—	—	—	—	1.0	0.8	0.7	0.7	0.5	0.4	0.5	0.5	0.5	0.6	+0.2
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	-0.1
Race (2-year average): ^b																
White		—	—	—	—	—	1.1	1.0	0.7	0.8	0.7	0.6	0.7	0.6	0.6	0.0
Black		—	—	—	—	—	0.3	0.2	0.3	0.4	0.3	0.5	0.5	0.4	0.5	+0.1
Hispanic		—	—	—	—	—	1.1	1.0	1.1	1.5	1.2	0.8	0.7	0.9	1.3	+0.4

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-105 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-105.

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

^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-38
Heroin with a Needle: 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	'03-'04 change
	<i>Approx. N =</i>	—	—	—	—	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
Total		—	—	—	—	0.6	0.7	0.7	0.8	0.6	0.5	0.4	0.6	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	+0.1
Female		—	—	—	—	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.3	-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	+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	0.0
Region:																
Northeast		—	—	—	—	0.5	0.3	0.6	0.8	0.7	0.5	0.5	0.4	0.4	0.5	+0.1
North Central		—	—	—	—	0.6	1.0	0.8	0.9	0.7	0.5	0.5	0.6	0.5	0.4	-0.1
South		—	—	—	—	0.6	0.7	0.8	0.8	0.6	0.6	0.3	0.5	0.5	0.5	-0.1
West		—	—	—	—	0.5	0.5	0.6	0.6	0.6	0.4	0.5	0.8	0.5	0.5	+0.1
Population Density:																
Large MSA		—	—	—	—	0.5	0.5	0.6	0.7	0.6	0.6	0.4	0.5	0.4	0.5	0.0
Other MSA		—	—	—	—	0.5	0.7	0.6	0.7	0.5	0.4	0.5	0.4	0.4	0.5	+0.1
Non-MSA		—	—	—	—	0.8	0.8	1.1	1.0	1.0	0.6	0.4	1.0	0.6	0.3	-0.3
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	+0.3
2.5-3.0		—	—	—	—	0.5	0.8	0.6	0.6	0.7	0.8	0.7	0.3	0.4	0.5	0.0
3.5-4.0		—	—	—	—	0.7	0.7	0.9	0.9	0.6	0.5	0.2	0.6	0.5	0.4	-0.1
4.5-5.0		—	—	—	—	0.4	0.5	0.7	0.6	0.6	0.3	0.3	0.3	0.5	0.3	-0.2
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	+0.1
Race (2-year average): ^b																
White		—	—	—	—	—	0.6	0.7	0.7	0.6	0.5	0.4	0.5	0.5	0.4	-0.1
Black		—	—	—	—	—	0.1	0.1	0.3	0.3	0.3	0.3	0.2	0.1	0.2	+0.1
Hispanic		—	—	—	—	—	0.6	0.6	0.8	1.0	0.9	0.9	0.7	0.7	0.8	+0.1

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.

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

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

	Percentage who used in last twelve months													'03-'04 change
	Class of:													
	1975-79	1980-89	1990-94	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	—	—	—	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	—	—	—	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.0
Gender:														
Male	—	—	—	0.7	0.9	0.9	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.0
Female	—	—	—	0.3	0.1	0.2	0.3	0.2	0.2	0.1	0.2	0.3	0.1	-0.1
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	+0.6
Complete 4 years	—	—	—	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.3	0.4	0.2	-0.2
Region:														
Northeast	—	—	—	0.4	0.6	0.6	0.7	0.3	0.2	0.7	0.6	0.6	0.6	0.0
North Central	—	—	—	0.5	0.4	0.8	0.4	0.5	0.4	0.2	0.6	0.3	0.2	-0.2
South	—	—	—	0.4	0.6	0.3	0.5	0.4	0.8	0.1	0.3	0.6	0.4	-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
Population Density:														
Large MSA	—	—	—	0.6	0.7	0.3	0.3	0.4	0.8	0.4	0.5	0.5	0.6	+0.1
Other MSA	—	—	—	0.4	0.5	0.6	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.0
Non-MSA	—	—	—	0.6	0.3	0.7	0.5	0.6	0.3	0.2	0.5	0.4	0.2	-0.2
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	-0.3
2.5-3.0	—	—	—	0.6	0.5	0.4	0.5	0.1	0.4	0.3	0.4	0.7	0.6	-0.1
3.5-4.0	—	—	—	0.2	0.3	0.3	0.4	0.5	0.2	0.1	0.5	0.3	0.3	0.0
4.5-5.0	—	—	—	0.5	0.7	0.6	0.4	0.3	0.4	0.4	0.2	0.4	0.4	0.0
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	+0.1
Race (2-year average): ^b														
White	—	—	—	—	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.3	0.3	0.0
Black	—	—	—	—	0.2	0.5	0.4	0.2	0.5	0.4	0.2	0.4	0.5	+0.1
Hispanic	—	—	—	—	1.0	0.7	0.5	0.6	1.0	0.6	0.4	0.6	0.7	+0.2

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 three of six forms; N is one-half of N indicated in Table D-107.

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

^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-40
Heroin without a Needle: 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	'03-'04 change
<i>Approx. N =</i>		—	—	—	—	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
Total		—	—	—	—	0.8	1.0	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.6	-0.1
Gender:																
Male		—	—	—	—	1.0	0.9	0.9	0.9	0.8	0.5	0.6	0.6	0.6	0.4	-0.1
Female		—	—	—	—	0.6	0.9	0.7	0.8	0.8	0.8	0.6	0.7	0.6	0.7	+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	+0.2
Complete 4 years		—	—	—	—	0.5	0.7	0.7	0.6	0.6	0.5	0.5	0.5	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	0.0
North Central		—	—	—	—	1.0	1.0	0.9	0.9	1.0	0.8	0.6	0.7	0.8	0.4	-0.4 s
South		—	—	—	—	0.8	0.8	0.7	0.9	0.9	0.5	0.6	0.7	0.7	0.6	0.0
West		—	—	—	—	0.7	1.1	1.1	0.9	0.9	0.8	0.5	0.7	0.5	0.7	+0.2
Population Density:																
Large MSA		—	—	—	—	0.9	1.0	0.6	0.5	0.8	0.7	0.5	0.6	0.6	0.7	+0.1
Other MSA		—	—	—	—	0.8	1.0	0.9	1.0	0.8	0.8	0.8	0.5	0.6	0.6	0.0
Non-MSA		—	—	—	—	0.9	0.9	1.0	1.0	1.1	0.5	0.4	0.8	0.7	0.3	-0.4 s
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	+0.1
2.5-3.0		—	—	—	—	0.7	0.9	1.1	0.7	1.0	1.3	0.6	0.8	0.6	0.6	-0.1
3.5-4.0		—	—	—	—	0.5	1.2	0.5	0.8	0.6	0.5	0.6	0.6	0.7	0.6	0.0
4.5-5.0		—	—	—	—	0.8	0.8	0.8	0.6	0.8	0.5	0.5	0.6	0.4	0.4	+0.1
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	-0.2
Race (2-year average): ^b																
White		—	—	—	—	—	1.0	1.0	0.8	0.8	0.8	0.7	0.6	0.6	0.5	-0.1
Black		—	—	—	—	—	0.2	0.2	0.4	0.5	0.3	0.3	0.3	0.3	0.5	+0.1
Hispanic		—	—	—	—	—	1.5	1.2	1.1	1.4	1.1	0.8	1.0	1.0	1.0	0.0

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-105 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-105.

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

^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-41
Heroin without a Needle: 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	'03-'04 change
<i>Approx. N =</i>		—	—	—	—	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
Total		—	—	—	—	0.8	0.9	1.1	1.0	1.1	1.1	0.7	0.8	0.5	0.7	+0.1
Gender:																
Male		—	—	—	—	0.9	1.1	1.2	1.2	1.3	1.1	0.8	0.9	0.6	0.8	+0.2
Female		—	—	—	—	0.7	0.7	1.0	0.8	1.0	1.0	0.6	0.6	0.4	0.5	+0.1
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	+0.8
Complete 4 years		—	—	—	—	0.6	0.7	1.0	0.9	0.8	0.8	0.5	0.6	0.4	0.5	+0.1
Region:																
Northeast		—	—	—	—	0.5	0.7	1.0	1.4	1.6	1.2	0.8	0.7	0.4	0.9	+0.4 s
North Central		—	—	—	—	0.5	0.8	1.2	0.7	1.0	1.2	0.8	0.9	0.5	0.5	0.0
South		—	—	—	—	1.1	1.1	1.2	1.0	1.0	1.3	0.7	0.5	0.7	0.7	+0.1
West		—	—	—	—	0.9	0.9	1.0	0.8	0.8	0.5	0.5	1.2	0.4	0.5	+0.2
Population Density:																
Large MSA		—	—	—	—	0.9	0.9	1.3	0.8	0.9	1.5	0.8	0.6	0.4	0.6	+0.2
Other MSA		—	—	—	—	0.7	1.0	1.0	1.1	1.2	1.0	0.7	0.8	0.6	0.8	+0.2
Non-MSA		—	—	—	—	0.9	0.7	1.1	1.0	1.2	0.9	0.7	1.0	0.6	0.5	-0.1
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	+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	0.0
3.5-4.0		—	—	—	—	0.9	1.0	1.3	1.2	0.9	1.3	0.5	0.8	0.4	0.7	+0.3
4.5-5.0		—	—	—	—	0.5	0.8	1.1	1.0	1.0	1.0	0.6	0.5	0.5	0.5	0.0
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	+0.3
Race (2-year average): ^b																
White		—	—	—	—	—	0.9	1.0	1.1	1.1	1.2	1.0	0.8	0.7	0.6	-0.1
Black		—	—	—	—	—	0.1	0.1	0.2	0.3	0.3	0.4	0.3	0.3	0.3	+0.1
Hispanic		—	—	—	—	—	0.8	1.1	1.4	1.3	0.9	0.8	0.8	0.8	0.9	+0.1

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.

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

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

	Percentage who used in last twelve months														'03-'04 change
	Class of:														
	1975-79	1980-89	1990-94	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
<i>Approx. N =</i>	—	—	—	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
Total	—	—	—	1.0	1.0	1.2	0.8	1.0	1.6	0.8	0.8	0.8	0.7	-0.1	
Gender:															
Male	—	—	—	1.4	1.3	1.4	1.0	1.3	1.8	1.3	0.9	0.9	0.9	0.0	
Female	—	—	—	0.7	0.7	0.9	0.7	0.8	1.5	0.4	0.7	0.7	0.4	-0.3	
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	+0.7	
Complete 4 years	—	—	—	0.9	0.8	1.0	0.6	1.0	1.3	0.7	0.4	0.7	0.4	-0.3	
Region:															
Northeast	—	—	—	0.9	1.9	1.9	1.1	1.3	0.9	1.3	1.1	0.6	1.1	+0.5	
North Central	—	—	—	0.7	0.5	1.0	0.6	0.7	1.6	1.1	0.9	0.7	0.4	-0.3	
South	—	—	—	1.4	0.9	1.1	1.1	1.2	1.8	0.3	0.9	1.2	0.5	-0.7 s	
West	—	—	—	0.8	0.7	0.6	0.3	1.0	2.0	0.9	0.4	0.3	1.0	+0.7 s	
Population Density:															
Large MSA	—	—	—	1.3	1.1	1.2	0.9	0.9	2.5	1.0	0.6	0.8	0.8	0.0	
Other MSA	—	—	—	0.8	1.2	1.1	0.9	1.2	1.2	0.8	1.1	0.7	0.9	+0.2	
Non-MSA	—	—	—	1.0	0.4	1.2	0.4	0.8	1.4	0.7	0.6	1.0	0.2	-0.7 s	
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	+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	-0.1	
3.5-4.0	—	—	—	0.9	1.1	1.3	0.9	0.8	1.7	0.8	1.0	0.7	0.6	-0.1	
4.5-5.0	—	—	—	1.2	1.2	1.2	0.8	1.1	1.6	1.1	0.2	0.8	0.7	0.0	
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	-0.4	
Race (2-year average): ^b															
White	—	—	—	—	1.1	1.3	1.2	1.1	1.4	1.3	1.0	0.8	0.7	-0.2	
Black	—	—	—	—	0.2	0.3	0.3	0.1	0.4	0.4	0.4	0.6	0.7	0.0	
Hispanic	—	—	—	—	0.9	0.6	0.4	0.6	1.8	1.3	0.5	0.7	0.7	0.0	

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 three of six forms; N is one-half of N indicated in Table D-107.

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

^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-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
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
4.5-5.0	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
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
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
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
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

Cont'd

NOTES: ^a '+' 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.

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

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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 ^b	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	4.5	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	+0.3
Gender:																
Male	5.0	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	+0.2
Female	3.9	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	+0.4
College Plans:																
None or under 4 years	5.7	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	+0.1
Complete 4 years	4.0	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	+0.2
Region:																
Northeast	4.1	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	+0.6
North Central	4.6	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	-0.4
South	4.1	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	+1.1
West	5.3	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	-0.3
Population Density:																
Large MSA	3.8	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	+0.8
Other MSA	4.6	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	+0.4
Non-MSA	4.8	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	-0.8
Parental Education: ^c																
1.0-2.0 (Low)	3.8	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	-1.1
2.5-3.0	4.1	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	-0.5
3.5-4.0	4.6	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	+1.0
4.5-5.0	4.7	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	+1.0
5.5-6.0 (High)	5.7	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	-0.1
Race (2-year average): ^d																
White	5.2	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	+1.0
Black	1.4	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	+0.6
Hispanic	2.4	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	+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.

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	'03-'04 change	1991-99	2000-01	2002	2003	2004	'03-'04 change
<i>Approx. N =</i>	—	—	15100	16500	17000		—	—	14300	15800	16400	
Total	—	—	1.3	1.7	1.7	0.0	—	—	3.0	3.6	3.5	-0.1
Gender:												
Male	—	—	1.9	1.6	1.8	+0.2	—	—	3.6	4.3	3.8	-0.5
Female	—	—	0.9	1.7	1.6	-0.1	—	—	2.4	2.9	3.1	+0.2
College Plans:												
None or under 4 years	—	—	4.3	7.5	6.9	-0.6	—	—	6.5	10.8	7.2	-3.5
Complete 4 years	—	—	1.0	1.1	1.2	0.0	—	—	2.5	2.5	3.0	+0.5
Region:												
Northeast	—	—	1.0	1.2	1.1	-0.1	—	—	3.6	3.7	4.6	+0.9
North Central	—	—	1.7	1.7	1.3	-0.4	—	—	2.1	2.9	2.5	-0.3
South	—	—	1.5	2.1	2.2	+0.1	—	—	3.7	4.2	4.8	+0.7
West	—	—	0.9	1.3	1.8	+0.5	—	—	2.6	3.5	1.9	-1.6
Population Density:												
Large MSA	—	—	1.2	1.1	0.9	-0.2	—	—	2.0	2.3	2.1	-0.2
Other MSA	—	—	1.4	1.7	2.6	+0.9	—	—	3.3	3.6	3.7	+0.2
Non-MSA	—	—	1.5	2.5	1.1	-1.3	—	—	3.7	5.7	5.1	-0.6
Parental Education: ^a												
1.0-2.0 (Low)	—	—	2.9	4.0	3.5	-0.4	—	—	6.5	5.9	3.7	-2.2
2.5-3.0	—	—	2.0	2.3	2.1	-0.2	—	—	3.8	3.9	4.0	0.0
3.5-4.0	—	—	1.0	1.9	2.2	+0.2	—	—	2.0	4.1	4.1	0.0
4.5-5.0	—	—	0.9	0.7	1.3	+0.6	—	—	1.7	2.9	2.6	-0.3
5.5-6.0 (High)	—	—	1.3	1.6	0.7	-0.8	—	—	4.4	2.8	2.8	0.0
Race (2-year average): ^b												
White	—	—	—	1.6	1.7	+0.1	—	—	—	3.6	4.1	+0.5
Black	—	—	—	0.9	0.6	-0.3	—	—	—	2.3	2.0	-0.3
Hispanic	—	—	—	1.3	2.8	+1.5	—	—	—	2.5	2.9	+0.3

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-105 and 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 Tables D-105 and D-106.

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

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

	Percentage who used in last twelve months							'03-'04 change
	Class of:				2002	2003	2004	
	1975-79	1980-89	1990-99	2000-01				
<i>Approx. N =</i>	—	—	—	—	12900	14600	14600	
Total	—	—	—	—	4.0	4.5	5.0	+0.5
Gender:								
Male	—	—	—	—	5.6	6.2	6.1	-0.1
Female	—	—	—	—	2.6	2.8	3.4	+0.7
College Plans:								
None or under 4 years	—	—	—	—	7.0	8.8	8.2	-0.6
Complete 4 years	—	—	—	—	3.2	3.1	3.8	+0.7
Region:								
Northeast	—	—	—	—	5.0	5.5	4.6	-0.9
North Central	—	—	—	—	5.0	4.5	4.2	-0.3
South	—	—	—	—	3.6	4.0	5.9	+1.9
West	—	—	—	—	2.6	4.4	4.7	+0.3
Population Density:								
Large MSA	—	—	—	—	3.7	2.8	4.6	+1.8
Other MSA	—	—	—	—	3.8	5.3	5.2	-0.1
Non-MSA	—	—	—	—	4.7	5.2	4.9	-0.3
Parental Education: ^a								
1.0-2.0 (Low)	—	—	—	—	6.3	6.9	3.7	-3.2
2.5-3.0	—	—	—	—	5.3	6.8	4.8	-1.9
3.5-4.0	—	—	—	—	3.9	3.4	6.5	+3.1 ss
4.5-5.0	—	—	—	—	2.2	3.6	3.1	-0.5
5.5-6.0 (High)	—	—	—	—	4.0	2.5	4.3	+1.8
Race (2-year average): ^b								
White	—	—	—	—	—	4.7	5.1	+0.4
Black	—	—	—	—	—	2.5	2.4	-0.1
Hispanic	—	—	—	—	—	2.5	2.2	-0.3

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 two of six forms; N is two-sixths of N indicated in Table D-107.

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

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-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	'03-'04 change	1991-99	2000-01	2002	2003	2004	'03-'04 change
<i>Approx. N =</i>	—	—	15100	16500	17000		—	—	14300	15800	16400	
Total	—	—	2.5	2.8	2.5	-0.3	—	—	6.9	7.2	6.2	-1.0
Gender:												
Male	—	—	2.7	2.8	2.4	-0.3	—	—	7.4	8.4	6.2	-2.2
Female	—	—	2.4	2.8	2.6	-0.2	—	—	6.1	6.1	6.0	0.0
College Plans:												
None or under 4 years	—	—	5.9	6.3	7.1	+0.8	—	—	13.4	15.8	11.6	-4.2
Complete 4 years	—	—	2.1	2.4	2.0	-0.4	—	—	5.7	5.8	5.4	-0.3
Region:												
Northeast	—	—	1.5	1.1	1.0	-0.1	—	—	6.2	5.6	6.4	+0.8
North Central	—	—	3.3	3.9	3.2	-0.7	—	—	7.2	9.4	6.4	-3.0
South	—	—	2.5	2.1	2.1	0.0	—	—	5.3	5.0	5.0	0.0
West	—	—	2.6	4.2	3.6	-0.6	—	—	10.0	9.1	7.1	-2.0
Population Density:												
Large MSA	—	—	2.6	2.4	1.8	-0.6	—	—	5.7	7.1	4.8	-2.3
Other MSA	—	—	3.0	3.1	3.0	-0.1	—	—	7.9	6.4	6.9	+0.5
Non-MSA	—	—	1.6	2.5	2.4	-0.2	—	—	6.2	9.2	6.4	-2.9
Parental Education: ^a												
1.0-2.0 (Low)	—	—	3.3	3.3	4.9	+1.6	—	—	6.1	6.4	6.4	0.0
2.5-3.0	—	—	3.9	3.4	4.1	+0.7	—	—	8.0	8.3	8.2	-0.1
3.5-4.0	—	—	3.4	2.9	3.2	+0.4	—	—	7.5	8.5	6.2	-2.3
4.5-5.0	—	—	1.4	2.1	1.1	-1.0	—	—	5.7	6.3	5.1	-1.2
5.5-6.0 (High)	—	—	1.3	2.1	0.9	-1.2	—	—	6.6	5.6	5.0	-0.6
Race (2-year average): ^b												
White	—	—	—	3.0	2.7	-0.3	—	—	—	8.0	7.6	-0.4
Black	—	—	—	1.4	1.4	0.0	—	—	—	3.1	3.0	-0.1
Hispanic	—	—	—	2.1	3.3	+1.2	—	—	—	6.5	6.0	-0.5

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-105 and 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 Tables D-105 and D-106.

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

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

	Percentage who used in last twelve months							'03-'04 change
	Class of:				2002	2003	2004	
	1975-79	1980-89	1990-99	2000-01				
<i>Approx. N =</i>	—	—	—	—	12900	14600	14600	
Total	—	—	—	—	9.6	10.5	9.3	-1.2
Gender:								
Male	—	—	—	—	12.0	13.0	10.7	-2.3
Female	—	—	—	—	7.5	8.1	7.6	-0.5
College Plans:								
None or under 4 years	—	—	—	—	13.0	14.7	11.6	-3.1
Complete 4 years	—	—	—	—	8.4	9.1	8.3	-0.8
Region:								
Northeast	—	—	—	—	8.1	9.4	9.1	-0.3
North Central	—	—	—	—	11.6	13.2	8.4	-4.7 s
South	—	—	—	—	8.1	6.1	7.0	+0.9
West	—	—	—	—	10.9	16.3	15.4	-0.9
Population Density:								
Large MSA	—	—	—	—	9.7	7.3	8.3	+1.1
Other MSA	—	—	—	—	10.6	12.2	10.9	-1.3
Non-MSA	—	—	—	—	7.8	11.4	7.2	-4.2 s
Parental Education: ^a								
1.0-2.0 (Low)	—	—	—	—	12.1	9.4	7.8	-1.6
2.5-3.0	—	—	—	—	9.6	10.8	8.8	-2.0
3.5-4.0	—	—	—	—	9.5	12.0	10.1	-1.9
4.5-5.0	—	—	—	—	9.9	9.7	8.4	-1.3
5.5-6.0 (High)	—	—	—	—	8.6	8.8	10.1	+1.3
Race (2-year average): ^b								
White	—	—	—	—	—	11.7	11.2	-0.4
Black	—	—	—	—	—	3.3	3.1	-0.2
Hispanic	—	—	—	—	—	7.1	7.2	+0.1

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 two of six forms; N is two-sixths of N indicated in Table D-107.

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

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

	Percentage who used in last twelve months ^a														
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	'03-'04 change
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
Total	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	-0.6
Gender:															
Male	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	-0.7
Female	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	-0.4
College Plans:															
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	-3.5 s
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	-0.3
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	-1.2
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	-0.7
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	-0.7
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	+0.4
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	+0.1
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	-0.1
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	-2.4 ss
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	+1.3
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	-2.2 ss
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	-0.3
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	-0.1
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	-0.4
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	-0.5
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	-0.4
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	+0.4

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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.

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

	Percentage who used in last twelve months ^a														
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	'03-'04 change
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.5
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	-0.5
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	-0.5
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	-0.9
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	-0.3
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	+1.0
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	-1.5
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	-0.6
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	-0.8
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	0.0
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	+0.1
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	-3.0 s
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	-1.7
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	-1.3
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	+0.3
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	-0.4
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	-0.1
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	-1.6 s
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	-0.1
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	-0.4

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.

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

^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.

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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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

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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
Approx. N =	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	9.1	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	+0.1
Gender:																
Male	9.4	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	0.0
Female	8.6	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	+0.4
College Plans:																
None or under 4 years	12.6	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	-1.1
Complete 4 years	7.4	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	+0.4
Region:																
Northeast	6.3	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	-0.1
North Central	10.7	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	-0.1
South	8.9	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	+0.6
West	10.2	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	-0.2
Population Density:																
Large MSA	6.5	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	+0.5
Other MSA	9.6	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	0.0
Non-MSA	10.6	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	-0.6
Parental Education: ^b																
1.0-2.0 (Low)	7.6	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	-3.1
2.5-3.0	9.7	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	+1.1
3.5-4.0	10.6	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	+1.6
4.5-5.0	8.1	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	-1.3
5.5-6.0 (High)	7.3	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	+0.7
Race (2-year average): ^c																
White	11.4	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	-0.7
Black	3.1	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	-0.3
Hispanic	7.0	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	+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.

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	'03-'04 change	1991-99	2000	2001	2002	2003	2004	'03-'04 change
<i>Approx. N =</i>	—	—	16200	15100	16500	17000		—	—	14000	14300	15800	16400	
Total	—	—	2.9	2.8	2.6	2.5	-0.1	—	—	4.8	4.8	4.1	3.4	-0.7
Gender:														
Male	—	—	3.2	3.2	2.9	2.6	-0.3	—	—	5.2	4.9	4.2	3.6	-0.7
Female	—	—	2.6	2.5	2.3	2.4	+0.1	—	—	4.3	4.6	3.8	3.0	-0.8
College Plans:														
None or under 4 years	—	—	8.1	7.7	6.8	8.8	+2.1	—	—	7.2	10.2	11.0	5.5	-5.5 ss
Complete 4 years	—	—	2.4	2.2	2.1	1.8	-0.3	—	—	4.3	3.8	2.9	3.0	+0.1
Region:														
Northeast	—	—	1.5	2.8	1.7	1.6	-0.1	—	—	5.5	3.6	3.8	4.5	+0.7
North Central	—	—	3.0	3.0	2.9	2.4	-0.6	—	—	4.6	4.8	4.2	2.7	-1.5
South	—	—	3.5	2.8	2.9	3.0	+0.1	—	—	5.3	5.2	4.2	3.8	-0.4
West	—	—	2.9	2.5	2.2	2.5	+0.3	—	—	3.1	5.1	3.9	2.4	-1.5
Population Density:														
Large MSA	—	—	2.2	2.3	2.3	1.7	-0.6	—	—	4.3	3.6	4.0	2.6	-1.4
Other MSA	—	—	2.9	3.1	2.8	3.0	+0.2	—	—	4.6	5.8	3.7	3.6	-0.1
Non-MSA	—	—	3.5	2.8	2.4	2.4	0.0	—	—	5.8	4.3	5.1	3.7	-1.3
Parental Education: ^a														
1.0-2.0 (Low)	—	—	4.8	5.3	2.5	4.2	+1.7	—	—	5.0	7.7	4.2	4.8	+0.7
2.5-3.0	—	—	3.3	4.0	2.8	2.9	+0.2	—	—	5.4	5.9	5.0	3.4	-1.6
3.5-4.0	—	—	3.5	3.3	3.3	2.7	-0.6	—	—	5.0	4.2	4.1	3.0	-1.1
4.5-5.0	—	—	2.4	1.5	1.8	2.1	+0.3	—	—	4.2	3.6	3.7	2.9	-0.8
5.5-6.0 (High)	—	—	2.1	1.7	2.1	1.9	-0.2	—	—	4.6	4.7	3.3	3.7	+0.5
Race (2-year average): ^b														
White	—	—	—	3.0	2.8	2.7	-0.2	—	—	—	5.5	4.8	4.1	-0.8
Black	—	—	—	1.0	1.3	1.5	+0.2	—	—	—	1.8	2.5	1.9	-0.5
Hispanic	—	—	—	3.8	2.7	2.5	-0.2	—	—	—	3.1	4.4	3.6	-0.8

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-105 and 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 Tables D-105 and D-106.

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

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

	Percentage who used in last twelve months								'03-'04 change
	Class of:								
	1975-79	1980-89	1990-99	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	—	—	—	—	12800	12900	14600	14600	
Total	—	—	—	—	5.1	4.0	4.0	5.1	+1.1
Gender:									
Male	—	—	—	—	6.0	5.1	5.5	6.0	+0.5
Female	—	—	—	—	4.1	2.8	2.6	4.0	+1.5 s
College Plans:									
None or under 4 years	—	—	—	—	6.4	7.7	4.4	6.8	+2.4
Complete 4 years	—	—	—	—	4.7	3.0	3.7	4.4	+0.7
Region:									
Northeast	—	—	—	—	4.7	4.5	4.6	4.1	-0.5
North Central	—	—	—	—	7.4	5.4	3.8	6.0	+2.2
South	—	—	—	—	4.1	3.4	3.5	4.7	+1.2
West	—	—	—	—	3.8	2.6	4.4	5.5	+1.2
Population Density:									
Large MSA	—	—	—	—	7.2	3.9	3.2	4.2	+1.0
Other MSA	—	—	—	—	3.7	4.0	5.1	5.6	+0.5
Non-MSA	—	—	—	—	5.4	4.0	2.9	4.9	+2.0
Parental Education: ^a									
1.0-2.0 (Low)	—	—	—	—	5.6	5.3	3.1	5.2	+2.1
2.5-3.0	—	—	—	—	4.5	4.2	3.7	4.2	+0.5
3.5-4.0	—	—	—	—	5.0	3.9	4.8	6.3	+1.5
4.5-5.0	—	—	—	—	4.7	3.5	3.5	4.6	+1.1
5.5-6.0 (High)	—	—	—	—	6.6	3.9	4.0	4.5	+0.5
Race (2-year average): ^b									
White	—	—	—	—	—	5.4	4.6	5.2	+0.5
Black	—	—	—	—	—	0.8	1.2	1.2	0.0
Hispanic	—	—	—	—	—	3.1	3.3	3.6	+0.4

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 two of six forms; N is two-sixths of N indicated in Table D-107.

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

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-53
Methamphetamine: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percentage who used in last twelve months															
	8th Graders								10th Graders							
	1991-98	1999	2000	2001	2002	2003	2004	'03-'04 change	1991-98	1999	2000	2001	2002	2003	2004	'03-'04 change
<i>Approx. N =</i>	—	16700	16700	16200	15100	16500	17000		—	14000	13600	14000	14300	15800	16400	
Total	—	3.2	2.5	2.8	2.2	2.5	1.5	-1.0 ss	—	4.6	4.0	3.7	3.9	3.3	3.0	-0.3
Gender:																
Male	—	3.1	2.2	2.5	2.0	2.0	1.1	-0.9 s	—	4.5	4.5	3.8	3.9	3.0	2.7	-0.3
Female	—	3.2	2.8	3.0	2.4	3.0	1.7	-1.3 s	—	4.7	3.6	3.5	3.6	3.7	3.3	-0.3
College Plans:																
None or under 4 years	—	7.4	6.8	6.6	6.6	7.9	6.6	-1.3	—	9.1	8.8	7.0	9.1	9.4	6.0	-3.5 s
Complete 4 years	—	2.7	2.0	2.3	1.7	2.0	1.0	-1.1 sss	—	3.9	3.3	3.1	3.0	2.3	2.6	+0.2
Region:																
Northeast	—	1.6	2.0	1.2	0.8	1.7	1.0	-0.7	—	5.1	4.1	2.3	1.5	2.1	2.5	+0.5
North Central	—	4.4	3.0	3.2	2.5	3.5	2.1	-1.4 s	—	4.6	4.0	3.8	3.0	3.4	2.2	-1.2
South	—	3.4	2.4	3.4	2.8	2.4	1.4	-1.0 s	—	4.0	3.8	4.0	4.6	3.8	2.9	-0.8
West	—	2.8	2.5	2.4	2.0	2.4	1.6	-0.8	—	5.1	4.4	4.6	5.8	3.8	4.7	+0.9
Population Density:																
Large MSA	—	2.2	2.1	1.6	1.3	2.0	1.5	-0.5	—	3.8	4.4	4.0	3.1	2.3	2.7	+0.4
Other MSA	—	3.6	2.6	3.4	2.5	2.4	1.7	-0.7	—	4.8	3.4	3.6	4.4	3.8	3.4	-0.4
Non-MSA	—	3.5	3.0	2.8	2.7	3.4	1.2	-2.3 sss	—	5.2	4.8	3.6	3.7	3.7	2.5	-1.2
Parental Education: ^a																
1.0-2.0 (Low)	—	6.3	5.0	4.4	4.3	4.2	4.4	+0.2	—	7.2	7.0	5.6	6.2	7.3	4.5	-2.9
2.5-3.0	—	4.3	3.1	4.0	3.0	3.4	1.3	-2.0 ss	—	4.2	4.3	4.6	4.9	4.1	3.7	-0.5
3.5-4.0	—	3.3	2.4	3.0	2.0	2.5	1.8	-0.6	—	4.8	4.3	3.2	3.7	3.2	3.3	+0.1
4.5-5.0	—	1.9	1.3	1.6	1.9	1.6	1.0	-0.7	—	4.8	3.5	3.6	2.4	2.2	2.3	0.0
5.5-6.0 (High)	—	3.2	2.2	1.2	1.1	2.3	0.9	-1.5 s	—	3.3	3.5	2.5	4.0	2.1	1.7	-0.4
Race (2-year average): ^b																
White	—	—	3.2	3.1	2.8	2.7	2.2	-0.4	—	—	4.7	4.1	4.1	4.2	3.4	-0.7
Black	—	—	1.1	0.8	0.6	0.8	0.6	-0.2	—	—	0.4	1.0	1.1	0.6	0.8	+0.2
Hispanic	—	—	4.0	3.3	3.2	3.2	3.0	-0.1	—	—	3.9	3.0	4.4	4.6	4.6	0.0

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-105 and 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 Tables D-105 and D-106.

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

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-54
Methamphetamine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months									
	Class of:									'03-'04 change
	1975-79	1980-89	1990-98	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	—	—	—	13600	12800	12800	12900	14600	14600	
Total	—	—	—	4.7	4.3	3.9	3.6	3.2	3.4	+0.2
Gender:										
Male	—	—	—	5.0	4.4	4.3	4.3	3.6	3.7	+0.1
Female	—	—	—	4.5	4.2	3.4	3.0	2.9	3.1	+0.2
College Plans:										
None or under 4 years	—	—	—	6.8	6.2	6.9	6.5	5.8	6.7	+1.0
Complete 4 years	—	—	—	4.0	3.8	3.2	2.7	2.4	2.4	0.0
Region:										
Northeast	—	—	—	3.1	4.5	3.4	1.6	1.8	1.3	-0.4
North Central	—	—	—	5.1	4.1	4.7	4.5	4.2	3.3	-1.0
South	—	—	—	3.9	3.7	3.4	3.0	2.8	4.0	+1.2
West	—	—	—	7.1	5.4	4.4	5.4	4.0	4.9	+0.8
Population Density:										
Large MSA	—	—	—	4.2	3.6	2.7	2.1	1.8	2.8	+1.1
Other MSA	—	—	—	4.0	4.9	4.0	4.4	3.0	2.6	-0.4
Non-MSA	—	—	—	6.4	4.3	5.3	4.1	5.3	5.5	+0.2
Parental Education: ^a										
1.0-2.0 (Low)	—	—	—	6.0	7.7	5.0	3.5	4.3	5.5	+1.2
2.5-3.0	—	—	—	4.8	3.5	4.8	4.9	3.6	4.1	+0.6
3.5-4.0	—	—	—	5.2	3.9	3.8	3.8	3.6	3.1	-0.4
4.5-5.0	—	—	—	3.7	4.2	3.1	2.9	2.9	2.8	-0.1
5.5-6.0 (High)	—	—	—	4.2	5.5	3.2	3.1	1.0	3.0	+2.0 s
Race (2-year average): ^b										
White	—	—	—	—	4.9	4.6	4.2	3.5	3.5	-0.1
Black	—	—	—	—	1.1	1.0	0.5	1.4	1.8	+0.4
Hispanic	—	—	—	—	4.9	4.6	3.9	3.4	3.4	0.0

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 two of six forms; N is two-sixths of N indicated in Table D-107.

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

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-55
Ice (Crystal Methamphetamine): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																	'03-'04 change	
	Class of:																		
	1975-79	1980-89	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
Approx. N =	—	—	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
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	+0.1	
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	+0.1	
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	0.0	
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	+1.8	
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	-0.4	
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	-0.4	
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	+0.7	
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	+0.1	
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	+0.2	
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	+0.4	
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	-0.6	
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	+1.1	
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	+0.3	
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	+1.0	
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	+0.2	
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	-0.5	
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	-0.9	
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	-0.3	
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	-0.7	
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	+0.1	

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 two of six forms; N is two-sixths of N indicated in Table D-107.

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

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.

TABLE D-56
Sedatives (Barbiturates): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

		Percentage who used in last twelve months ^a														
		Class of:														
Approx. N =		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
		9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
3.5-4.0		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
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
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
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
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
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

Cont'd

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

TABLE D-56 (cont'd)
Sedatives (Barbiturates): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	3.4	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	+0.5
Gender:																
Male	3.8	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	+0.2
Female	3.0	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	+0.6
College Plans:																
None or under 4 years	4.7	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	-0.3
Complete 4 years	2.8	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	+0.5
Region:																
Northeast	2.9	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	+0.6
North Central	3.5	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	+0.8
South	4.0	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	+0.7
West	2.9	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	-0.2
Population Density:																
Large MSA	2.6	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	+1.3
Other MSA	3.6	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	+0.5
Non-MSA	3.9	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	-0.8
Parental Education: ^b																
1.0-2.0 (Low)	3.1	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	-0.1
2.5-3.0	3.7	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	+0.5
3.5-4.0	3.9	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	+0.8
4.5-5.0	3.1	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	+0.4
5.5-6.0 (High)	2.9	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	+1.2
Race (2-year average): ^c																
White	3.7	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	-0.2
Black	1.1	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	+0.7
Hispanic	2.8	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	+0.6

^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.

TABLE D-57
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months ^a														'03-'04 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^b</u>	<u>2002^b</u>	<u>2003</u>	<u>2004</u>	
<i>Approx. N =</i>	<i>17500</i>	<i>18600</i>	<i>18300</i>	<i>17300</i>	<i>17500</i>	<i>17800</i>	<i>18600</i>	<i>18100</i>	<i>16700</i>	<i>16700</i>	<i>16200</i>	<i>15100</i>	<i>16500</i>	<i>17000</i>	
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	-0.1
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	-0.3
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	+0.2
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	0.0
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	-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	-0.1
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	-0.1
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	0.0
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	-0.5
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	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	+0.3
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	-1.1
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	+0.8
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	-0.6
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	+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	-0.1
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	+0.1
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	0.0
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	+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	0.0

(Table continued on next page)

TABLE D-57 (cont'd)
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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.

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

TABLE D-58
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months ^a														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.2
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	-0.1
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	-0.3
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	+0.4
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	-0.2
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	+0.7
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	-1.1
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	-0.1
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	0.0
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	-0.7
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	0.0
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	-0.1
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	-1.6
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	-1.7 s
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	0.0
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	+0.5
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	+0.7
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	-0.9
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	0.0
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	+0.1

(Table continued on next page)

TABLE D-58 (cont'd)
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

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.

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

^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.

^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 Twelfth Graders

	Percentage who used in last twelve months ^a														
	<u>Class of:</u>														
<i>Approx. N =</i>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>
	<i>9400</i>	<i>15400</i>	<i>17100</i>	<i>17800</i>	<i>15500</i>	<i>15900</i>	<i>17500</i>	<i>17700</i>	<i>16300</i>	<i>15900</i>	<i>16000</i>	<i>15200</i>	<i>16300</i>	<i>16300</i>	<i>16700</i>
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
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
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
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
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
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
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
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
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
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
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
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
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
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
3.5-4.0	—	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
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
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
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
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
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

Cont'd

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

TABLE D-59 (cont'd)
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months ^a															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ^b	2002 ^b	2003	2004	
Approx. N =	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	3.5	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	+0.6
Gender:																
Male	3.5	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	+1.0
Female	3.5	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	+0.2
College Plans:																
None or under 4 years	4.3	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	-0.5
Complete 4 years	3.2	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	+0.9 s
Region:																
Northeast	2.9	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	+1.1
North Central	2.9	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	+0.6
South	4.3	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	+0.5
West	3.9	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	+0.4
Population Density:																
Large MSA	3.6	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	+0.8
Other MSA	3.7	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	+0.7
Non-MSA	3.3	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	-0.2
Parental Education: ^c																
1.0-2.0 (Low)	3.6	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	-2.1
2.5-3.0	3.9	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	+1.5
3.5-4.0	3.4	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	+1.4
4.5-5.0	3.8	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	+1.2
5.5-6.0 (High)	4.9	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	-0.7
Race (2-year average): ^d																
White	4.2	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	-0.2
Black	0.7	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	+0.4
Hispanic	1.9	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	0.0

^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.

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

TABLE D-60
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	'03-'04 change
	<i>Approx. N =</i>	—	—	—	—	—	17800	18600	18100	16700	16700	16200	15100	16500	17000	
Total		—	—	—	—	—	1.0	0.8	0.8	0.5	0.5	0.7	0.3	0.5	0.6	+0.1
Gender:																
Male		—	—	—	—	—	1.1	0.7	0.8	0.6	0.5	0.6	0.2	0.4	0.5	+0.2
Female		—	—	—	—	—	1.0	0.9	0.9	0.2	0.6	0.7	0.2	0.4	0.7	+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	+1.1
Complete 4 years		—	—	—	—	—	0.8	0.7	0.6	0.4	0.4	0.5	0.2	0.4	0.4	0.0
Region:																
Northeast		—	—	—	—	—	0.9	0.3	0.9	0.3	0.6	0.9	0.2	0.2	0.3	+0.1
North Central		—	—	—	—	—	0.9	0.8	0.8	0.3	0.4	1.0	0.4	0.2	0.8	+0.6
South		—	—	—	—	—	1.3	1.1	0.9	0.7	0.9	0.6	0.4	0.6	0.5	-0.1
West		—	—	—	—	—	1.0	0.7	0.8	0.5	*	0.4	0.1	0.7	0.7	-0.1
Population Density:																
Large MSA		—	—	—	—	—	1.2	0.8	0.7	0.4	0.9	1.2	0.1	0.1	0.5	+0.4
Other MSA		—	—	—	—	—	1.1	0.9	1.0	0.6	0.5	0.5	0.3	0.4	0.8	+0.4
Non-MSA		—	—	—	—	—	0.8	0.7	0.8	0.3	0.2	0.4	0.5	1.0	0.3	-0.6
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
2.5-3.0		—	—	—	—	—	1.1	1.1	0.8	0.3	0.8	0.3	0.0	0.9	0.1	-0.8
3.5-4.0		—	—	—	—	—	1.2	0.7	0.9	0.6	0.2	1.2	0.2	0.1	0.2	+0.1
4.5-5.0		—	—	—	—	—	0.8	0.6	0.6	0.5	0.4	0.7	0.6	0.4	0.6	+0.3
5.5-6.0 (High)		—	—	—	—	—	0.8	0.5	0.9	0.7	0.9	0.2	0.2	0.0	0.1	+0.1
Race (2-year average): ^b																
White		—	—	—	—	—	—	0.9	0.8	0.7	0.5	0.6	0.5	0.4	0.4	0.0
Black		—	—	—	—	—	—	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.9	+0.6
Hispanic		—	—	—	—	—	—	1.4	1.5	1.5	0.6	0.9	0.8	0.4	1.0	+0.7

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-105 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-105. Data based on three of four forms in 1997-98; N is two-thirds of N indicated in Table D-105. Data based on two of four forms in 1999-2001; N is one-third of N indicated in Table D-105. Data based on one of four forms beginning in 2002; N is one-sixth of N indicated in Table D-105.

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

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-61
Rohypnol: 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	'03-'04 change
	<i>Approx. N =</i>	—	—	—	—	—	15600	15500	15000	13600	14300	14000	14300	15800	16400	
Total		—	—	—	—	—	1.1	1.3	1.2	1.0	0.8	1.0	0.7	0.6	0.7	+0.1
Gender:																
Male		—	—	—	—	—	1.1	1.4	1.4	1.2	1.0	1.1	0.4	0.7	0.8	+0.1
Female		—	—	—	—	—	1.1	1.1	1.1	0.9	0.6	0.9	0.9	0.6	0.6	+0.1
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	+1.1
Complete 4 years		—	—	—	—	—	0.8	1.1	0.9	0.8	0.6	0.7	0.7	0.6	0.6	0.0
Region:																
Northeast		—	—	—	—	—	0.6	0.7	0.9	0.4	0.6	0.9	0.4	1.0	0.8	-0.2
North Central		—	—	—	—	—	0.5	0.8	1.0	0.9	0.4	0.9	0.3	0.2	0.3	+0.1
South		—	—	—	—	—	1.9	2.4	2.0	1.8	1.2	1.0	0.4	0.8	0.9	+0.1
West		—	—	—	—	—	1.1	0.6	0.5	0.6	0.7	1.3	2.0	0.4	0.9	+0.5
Population Density:																
Large MSA		—	—	—	—	—	1.1	1.3	1.3	0.9	0.9	1.2	0.7	0.3	0.6	+0.3
Other MSA		—	—	—	—	—	1.4	1.3	1.3	1.3	0.9	0.8	0.9	0.4	0.7	+0.3
Non-MSA		—	—	—	—	—	0.6	1.3	1.0	0.7	0.5	1.2	0.3	1.5	0.8	-0.7
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	-0.9
2.5-3.0		—	—	—	—	—	1.0	1.1	1.6	1.6	0.5	1.1	0.9	0.7	0.4	-0.3
3.5-4.0		—	—	—	—	—	1.5	1.6	1.0	0.8	0.8	0.7	1.0	0.9	1.0	+0.1
4.5-5.0		—	—	—	—	—	0.7	1.5	0.9	0.6	0.7	1.1	0.7	0.2	0.6	+0.4
5.5-6.0 (High)		—	—	—	—	—	1.1	0.8	1.3	1.1	0.8	0.3	0.2	0.4	1.0	+0.6
Race (2-year average): ^b																
White		—	—	—	—	—	—	1.4	1.5	1.5	1.0	1.0	1.0	0.6	0.9	+0.2
Black		—	—	—	—	—	—	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.2	+0.1
Hispanic		—	—	—	—	—	—	1.0	1.2	1.1	0.7	0.9	1.0	0.7	0.3	-0.4

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.

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

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-62
Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months												'03-'04 change
	Class of:												
	1975-79	1980-89	1990-95	1996	1997	1998	1999	2000	2001	2002 ^a	2003	2004	
<i>Approx. N =</i>	—	—	—	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	—	—	—	1.1	1.2	1.4	1.0	0.8	0.9‡	1.6	1.3	1.6	+0.3
Gender:													
Male	—	—	—	1.8	1.2	1.7	1.0	0.8	1.1‡	2.3	2.0	2.3	+0.3
Female	—	—	—	0.3	1.1	1.1	1.0	0.7	0.6‡	1.0	0.5	0.7	+0.2
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	+0.8
Complete 4 years	—	—	—	0.8	1.3	1.3	1.0	0.9	0.8‡	1.4	0.9	1.0	+0.1
Region:													
Northeast	—	—	—	0.9	0.6	1.2	0.8	0.3	1.7‡	1.2	1.4	0.8	-0.6
North Central	—	—	—	1.0	0.5	1.0	0.8	0.9	0.5‡	1.8	1.2	1.3	0.0
South	—	—	—	1.8	2.2	2.6	1.6	1.3	1.0‡	1.5	1.4	2.1	+0.7
West	—	—	—	0.1	0.8	0.0	0.2	0.1	0.8‡	2.0	1.1	1.8	+0.7
Population Density:													
Large MSA	—	—	—	1.3	0.9	0.8	0.3	0.3	1.0‡	1.6	1.1	1.8	+0.7
Other MSA	—	—	—	1.3	1.5	2.2	1.4	1.1	1.2‡	2.0	1.7	1.6	-0.1
Non-MSA	—	—	—	0.7	0.7	0.6	0.9	0.7	0.3‡	1.1	0.9	1.2	+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	+0.7
2.5-3.0	—	—	—	0.5	0.6	1.0	0.3	0.4	0.4‡	2.9	1.8	1.8	0.0
3.5-4.0	—	—	—	0.8	1.4	1.1	1.1	1.5	0.8‡	0.8	1.2	1.5	+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
5.5-6.0 (High)	—	—	—	1.8	1.7	1.4	0.7	0.0	0.2‡	0.8	0.2	1.5	+1.3 s
Race (2-year average): ^c													
White	—	—	—	—	1.2	1.6	1.5	0.9	0.8‡	—	1.5	1.3	-0.2
Black	—	—	—	—	0.1	0.0	0.2	0.4	0.2‡	—	0.8	1.2	+0.4
Hispanic	—	—	—	—	2.0	1.3	1.0	0.6	1.3‡	—	1.6	1.7	+0.1

(Table continued on next page)

TABLE D-62 (cont'd)
Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

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.

Data based on one of six forms in 1996–2001; N is one-sixth of N indicated in Table D-107. Data based on two of six forms beginning in 2002; N is two-sixths of N indicated in Table D-107.

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

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.

TABLE D-63
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993 ^a	1994 ^a	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-1.2
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	-1.5
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	-0.8
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	-2.7
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	-0.9
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	-0.4
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	-2.6
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	-2.0
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	+1.9
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	-0.1
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	-0.3
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	-4.2 s
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	-1.3
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	-1.9
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	-2.0
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	+0.3
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	+0.1
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	-0.9
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	+0.7
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	-1.8

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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.

^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.

TABLE D-64
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993 ^a	1994 ^a	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.2
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	+1.0
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	-1.3
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	+0.9
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	0.0
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	+1.7
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	-3.4
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	+1.6
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	-0.4
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	-1.1
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	+1.3
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	-2.6
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	+0.1
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	+1.1
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	+0.9
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	0.0
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	-1.7
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	-0.9
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	+1.0
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	+2.4

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.

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

^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.

^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.

TABLE D-65
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
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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



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

TABLE D-65 (cont'd)
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															'03-'04 change
	Class of:															
	1990	1991	1992	1993 ^a	1994 ^a	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	57.1	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	+0.5
Gender:																
Male	61.3	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	-0.6
Female	52.3	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	+1.3
College Plans:																
None or under 4 years	58.7	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	-3.2
Complete 4 years	56.4	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	+1.8
Region:																
Northeast	65.3	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	+2.3
North Central	61.5	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	-1.2
South	51.0	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	+0.5
West	51.6	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	+0.4
Population Density:																
Large MSA	59.2	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	+1.1
Other MSA	57.4	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	+2.1
Non-MSA	54.4	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	-4.1
Parental Education: ^b																
1.0-2.0 (Low)	47.2	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	-1.5
2.5-3.0	57.2	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	-1.0
3.5-4.0	57.7	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	+4.6 ss
4.5-5.0	60.8	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	+0.3
5.5-6.0 (High)	60.8	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	-1.9
Race (2-year average): ^c																
White	63.8	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	-0.1
Black	35.8	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	-0.7
Hispanic	49.1	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	-1.0

^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.

^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.

TABLE D-66
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Eighth Graders

	Percentage who had been drunk in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.5
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	-0.8
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	-0.3
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	-0.9
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	-0.5
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	-0.1
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	-1.3
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	-0.7
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	+0.4
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	-0.2
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	-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	-1.5
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	-3.4
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	-2.0 s
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	-0.3
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	+0.5
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	+0.2
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	-0.4
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	-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	-0.4

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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-67
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Tenth Graders

	Percentage who had been drunk in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	+0.3
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	+1.4
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	-0.8
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	+0.1
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	+0.6
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	+2.1
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	-2.1
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	+1.1
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	+0.2
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	-0.5
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	+1.9
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	-2.4
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	-1.3
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	+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	-0.4
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	-0.2
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	+1.6
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	-0.2
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	+0.3
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	+1.3

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.

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

^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-68
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Twelfth Graders

		Percentage who had been drunk in last thirty days																	
		Class of:																'03-'04	
		1975-79	1980-89	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	change
<i>Approx. N =</i>		—	—	—	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
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	+1.6
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	+1.0
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	+2.1
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	-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	+2.6
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	+2.7
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	-0.7
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	+3.4
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	-0.6
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	+2.0
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	+3.8
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	-4.1
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	-0.1
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	+3.6
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	+4.5
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	+0.4
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	-0.8
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	+0.8
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	+2.6
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	+0.3

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 two of six forms; N is two-sixths of N indicated in Table D-107.

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

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.

TABLE D-69

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													'03-'04	
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	change
<i>Approx. N =</i>		17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.5
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	-1.4
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	+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	-2.5
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	-0.3
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	+0.4
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	-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	-1.4
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	+0.5
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	-0.6
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	+0.5
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	-2.2
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	-0.9
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	-0.8
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	-1.2
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	+1.1
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	-1.1
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	-0.5
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	-0.6
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	-0.5

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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-70
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														'03-'04
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	change
<i>Approx. N =</i>		14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.2
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	+0.6
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	-1.1
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	-1.3
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	+0.2
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	+2.2
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	-3.7 s
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	+0.9
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	+0.4
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	-0.1
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	+1.3
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	-4.0 s
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	-0.1
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	+0.1
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	+0.1
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	+0.1
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	+0.5
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	-0.4
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	-0.4
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	+0.8

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.

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

^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-71
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:														
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<i>Approx. N =</i>		9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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

TABLE D-71 (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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	32.2	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	+1.3
Gender:																
Male	39.1	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	0.0
Female	24.4	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	+2.2
College Plans:																
None or under 4 years	35.8	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	+0.2
Complete 4 years	30.3	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	+1.7
Region:																
Northeast	37.2	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	+2.3
North Central	37.9	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	-2.3
South	27.2	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	+2.5
West	26.3	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	+2.1
Population Density:																
Large MSA	34.5	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	+2.2
Other MSA	31.8	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	+2.1
Non-MSA	30.6	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	-2.4
Parental Education: ^a																
1.0-2.0 (Low)	25.3	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	-0.6
2.5-3.0	32.7	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	+1.2
3.5-4.0	32.0	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	+2.5
4.5-5.0	34.5	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	+1.9
5.5-6.0 (High)	34.1	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	-0.9
Race (2-year average): ^b																
White	36.6	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	+0.2
Black	14.4	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	+0.6
Hispanic	25.6	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	+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.

TABLE D-72
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	+2.4 s
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	+1.5
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	+3.3 s
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	-2.3
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	+2.9 ss
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	+2.8
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	+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	+3.0
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	+1.8
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	+3.2
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	+2.0
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	+2.1
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	+6.6
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	+2.7
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	+0.7
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	+4.5 sss
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	+3.1
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	+1.5
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	+0.6
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	-1.3

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-105 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-105. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-105.

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

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-73
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	+3.3 s
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	+2.9
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	+3.1
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	+6.1 s
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	+2.9
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	+4.7
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	-1.2
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	+5.3 s
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	+4.4
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	+1.8
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	+4.1 s
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	+3.2
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	+2.4
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	+6.2 ss
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	+1.9
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	+4.5
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	+3.2
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	+0.5
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	+1.1
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	+2.8

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.

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

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-74
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

		Percentage who used in last thirty days														
		Class of:														
<i>Approx. N =</i>		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
		—	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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 five forms in 1976-88; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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

TABLE D-74 (cont'd)
Beer: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days														'03-'04 change	
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003		2004
	Class of:															
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	47.2	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	+0.5
Gender:																
Male	55.7	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	-0.4
Female	38.0	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	+0.4
College Plans:																
None or under 4 years	46.5	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	+4.6
Complete 4 years	47.5	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	-0.6
Region:																
Northeast	52.7	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	+0.7
North Central	50.3	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	-1.7
South	42.0	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	+2.2
West	45.4	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	-0.7
Population Density:																
Large MSA	52.3	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	-2.1
Other MSA	47.3	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	-0.1
Non-MSA	42.4	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	+3.9
Parental Education: ^a																
1.0-2.0 (Low)	42.2	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	+3.2
2.5-3.0	47.5	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	+1.8
3.5-4.0	45.8	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	+3.1
4.5-5.0	49.3	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	-2.3
5.5-6.0 (High)	53.4	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	-2.7
Race (2-year average): ^b																
White	54.1	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	-1.0
Black	28.4	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	+1.6
Hispanic	36.6	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	-0.4

^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.

TABLE D-75
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														'03-'04
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	change
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	+1.3
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	+0.5
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	+1.8 s
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	+1.4
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	+1.3
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	+0.9
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	+1.4
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	+1.3
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	+1.8
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	+1.4
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	+1.0
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	+1.6
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	+2.5
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	+1.6
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	+1.9
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	+1.8 s
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	+0.6
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	+0.4
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	+0.7
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	-1.2

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-105 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-105. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-105.

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

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-76

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														'03-'04
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	change
<i>Approx. N =</i>		14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.2
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	-1.2
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	+0.5
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	-2.2
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	+0.1
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	+0.5
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	-2.6
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	+0.5
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	+1.0
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	-1.5
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	+1.3
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	-2.3
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	-4.9
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	+2.3
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	+0.2
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	-1.1
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	+1.9
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	-0.6
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	-0.6
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	+1.3

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.

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

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-77

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
Approx. N =		—	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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



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 five forms in 1976–88; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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

TABLE D-77 (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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	27.0	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	+2.3
Gender:																
Male	37.1	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	+1.0
Female	16.5	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	+2.8
College Plans:																
None or under 4 years	29.0	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	+7.1 s
Complete 4 years	26.0	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	+1.3
Region:																
Northeast	27.4	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	-1.0
North Central	31.4	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	+1.4
South	23.8	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	+5.0
West	25.1	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	+1.7
Population Density:																
Large MSA	32.0	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	+2.1
Other MSA	26.9	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	0.0
Non-MSA	22.6	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	+6.5 s
Parental Education: ^a																
1.0-2.0 (Low)	28.1	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	-1.5
2.5-3.0	26.7	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	+4.0
3.5-4.0	24.9	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	+5.9 s
4.5-5.0	27.7	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	-2.4
5.5-6.0 (High)	32.3	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	+1.2
Race (2-year average): ^b																
White	32.5	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	-1.1
Black	13.5	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	3.1
Hispanic	20.6	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	-1.5

^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-78
Liquor: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

		Percentage who used in last thirty days														
		Class of:														
Approx. N =		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
		—	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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 five forms in 1976-88; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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

TABLE D-78 (cont'd)
Liquor: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days														'03-'04 change	
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	30.8	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	+1.3
Gender:																
Male	36.9	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	+3.3
Female	24.6	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	-0.7
College Plans:																
None or under 4 years	30.6	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	+3.4
Complete 4 years	30.4	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	+0.7
Region:																
Northeast	34.5	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	+5.4
North Central	31.0	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	-1.9
South	29.6	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	+2.6
West	28.5	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	-1.5
Population Density:																
Large MSA	33.8	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	-2.4
Other MSA	31.1	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	+2.1
Non-MSA	27.7	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	+3.1
Parental Education: ^a																
1.0-2.0 (Low)	25.7	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	+1.9
2.5-3.0	29.5	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	-1.2
3.5-4.0	31.6	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	+2.5
4.5-5.0	34.2	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	-0.1
5.5-6.0 (High)	33.8	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	+3.7
Race (2-year average): ^b																
White	37.7	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	0.0
Black	14.4	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	+0.7
Hispanic	21.0	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	-3.7

^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.

TABLE D-79

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
	<i>Approx. N =</i>	—	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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



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 five forms in 1976–88; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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

TABLE D-79 (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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	16.8	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	+2.6
Gender:																
Male	20.7	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	+5.1 s
Female	12.8	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	-0.7
College Plans:																
None or under 4 years	17.3	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	+6.2
Complete 4 years	16.4	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	+1.6
Region:																
Northeast	18.0	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	+4.8
North Central	17.7	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	-1.4
South	15.4	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	+4.1
West	16.5	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	+2.7
Population Density:																
Large MSA	17.9	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	+0.8
Other MSA	16.4	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	+2.7
Non-MSA	16.8	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	+4.3
Parental Education: ^a																
1.0-2.0 (Low)	18.0	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	-0.1
2.5-3.0	16.4	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	+1.7
3.5-4.0	15.0	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	+5.1
4.5-5.0	18.5	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	+1.2
5.5-6.0 (High)	19.4	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	-0.7
Race (2-year average): ^b																
White	20.7	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	-0.8
Black	9.6	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	+0.9
Hispanic	11.9	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	-2.3

^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.

TABLE D-80
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
<i>Approx. N =</i>	—	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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 five forms in 1976–88; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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

TABLE D-80 (cont'd)
Wine: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days															'03-'04 change
	<u>1990</u>	<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>	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	14.7	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	+0.5
Gender:																
Male	16.1	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	-0.1
Female	13.5	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	+0.6
College Plans:																
None or under 4 years	11.9	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	-1.1
Complete 4 years	16.0	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	+0.9
Region:																
Northeast	15.0	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	+5.8 s
North Central	13.4	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	-0.5
South	14.5	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	-1.3
West	16.9	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	-0.7
Population Density:																
Large MSA	15.3	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	+1.3
Other MSA	16.8	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	+0.4
Non-MSA	9.9	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	-0.7
Parental Education: ^b																
1.0-2.0 (Low)	9.5	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	+3.4
2.5-3.0	12.4	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	-2.2
3.5-4.0	14.2	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	+2.6
4.5-5.0	18.9	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	-1.4
5.5-6.0 (High)	19.3	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	+2.5
Race (2-year average): ^c																
White	18.6	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	+0.2
Black	11.2	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	-0.1
Hispanic	14.2	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	+1.3

^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.

TABLE D-81

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:														
Approx. N =		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988 ^a	1989
Total	—	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	



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 five forms in 1976-88; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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

TABLE D-81 (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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	4.9	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	-0.1
Gender:																
Male	5.5	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	+0.5
Female	4.3	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	-0.8
College Plans:																
None or under 4 years	5.1	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	-1.8
Complete 4 years	4.9	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	+0.3
Region:																
Northeast	3.6	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	+0.5
North Central	3.9	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	-0.4
South	5.4	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	-0.5
West	7.0	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	+0.4
Population Density:																
Large MSA	4.4	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	+1.2
Other MSA	4.9	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	-0.4
Non-MSA	5.2	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	-0.8
Parental Education: ^b																
1.0-2.0 (Low)	4.6	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	-0.4
2.5-3.0	5.4	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	-2.2
3.5-4.0	5.4	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	+1.9
4.5-5.0	4.3	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	0.0
5.5-6.0 (High)	4.4	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	0.0
Race (2-year average): ^c																
White	6.0	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	0.0
Black	4.7	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	-0.9
Hispanic	6.4	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	+1.7

^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.

TABLE D-82
Wine Coolers: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	—	—

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-105 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-105. Data based on one of four forms beginning in 1997; N is one-third of N indicated in Table D-105.

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

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-83
Wine Coolers: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	—	—

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.

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

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 Twelfth Graders

	Percentage who used in last thirty days																		'03-'04 change	
	Class of:																			
	1975-87	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
<i>Approx. N =</i>	—	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
Total	—	36.6	29.4	26.2	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	-0.2	
Gender:																				
Male	—	30.8	25.5	22.7	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	+1.8	
Female	—	41.5	33.6	29.8	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	-1.7	
College Plans:																				
None or under 4 years	—	38.2	30.9	29.2	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	-0.5	
Complete 4 years	—	35.9	28.6	24.9	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	-0.3	
Region:																				
Northeast	—	33.8	29.6	29.2	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	-1.2	
North Central	—	37.9	33.0	28.6	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	-4.5	
South	—	33.6	25.7	22.9	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	+2.8	
West	—	42.7	31.3	24.7	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	+1.5	
Population Density:																				
Large MSA	—	37.7	28.6	25.9	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	+1.4	
Other MSA	—	37.1	31.1	28.7	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	+0.1	
Non-MSA	—	34.6	26.4	21.1	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	-2.5	
Parental Education: ^a																				
1.0-2.0 (Low)	—	28.8	27.7	22.9	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	+7.6	
2.5-3.0	—	37.8	31.9	28.1	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	-0.9	
3.5-4.0	—	38.5	31.2	27.1	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	+1.7	
4.5-5.0	—	35.6	27.6	27.6	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	-3.3	
5.5-6.0 (High)	—	36.9	23.5	21.5	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	+3.2	
Race (2-year average): ^b																				
White	—	—	35.4	29.6	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	-3.7	
Black	—	—	25.3	21.7	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	+3.6	
Hispanic	—	—	30.2	23.3	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	+3.7	

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 five forms in 1988; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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.

TABLE D-85
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																		'03-'04 change
	Class of:																		
	1975-87	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	Approx. N =																		
Total	—	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Gender:																			
Male	—	12.1	11.3	9.9	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	+2.1
Female	—	15.1	13.5	11.3	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	-0.2
College Plans:																			
None or under 4 years	—	17.7	16.2	14.2	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	+1.9
Complete 4 years	—	12.5	10.7	9.0	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	0.0
Region:																			
Northeast	—	14.7	14.3	10.0	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	-0.5
North Central	—	14.2	13.1	12.0	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	-2.4
South	—	11.2	11.2	9.3	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	+2.0
West	—	17.4	12.0	11.0	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	+2.2
Population Density:																			
Large MSA	—	14.2	11.7	10.0	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	+0.4
Other MSA	—	15.6	12.4	11.0	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	+0.7
Non-MSA	—	10.7	13.3	9.9	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	0.0
Parental Education: ^a																			
1.0-2.0 (Low)	—	13.9	9.2	10.7	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	+2.6
2.5-3.0	—	16.6	13.8	13.3	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	+0.1
3.5-4.0	—	13.6	14.9	9.3	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	+3.0
4.5-5.0	—	11.7	10.5	11.3	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	-1.6
5.5-6.0 (High)	—	11.4	7.4	6.3	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	-0.4
Race (2-year average): ^b																			
White	—	—	13.6	12.3	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	-2.0
Black	—	—	13.0	9.9	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	+3.9
Hispanic	—	—	11.5	6.0	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	+1.3

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 five forms in 1988; N is one-fifth of N indicated in Table D-107. Data based on one of six forms beginning in 1989; N is one-sixth of N indicated in Table D-107.

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

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.

TABLE D-86
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	'03-'04 change	1991-99	2000-03	2004	'03-'04 change	1975-99	2000-03	2004	'03-'04 change
<i>Approx. N =</i>	—	—	17000		—	—	16400		—	—	14600	
Total	—	—	14.6	—	—	—	25.1	—	—	—	31.1	—
Gender:												
Male	—	—	12.7	—	—	—	24.5	—	—	—	28.9	—
Female	—	—	16.3	—	—	—	25.6	—	—	—	33.2	—
College Plans:												
None or under 4 years	—	—	28.1	—	—	—	32.5	—	—	—	34.7	—
Complete 4 years	—	—	13.3	—	—	—	24.2	—	—	—	30.3	—
Region:												
Northeast	—	—	14.9	—	—	—	26.6	—	—	—	33.5	—
North Central	—	—	16.2	—	—	—	22.5	—	—	—	35.3	—
South	—	—	15.1	—	—	—	25.6	—	—	—	25.9	—
West	—	—	11.7	—	—	—	26.5	—	—	—	32.1	—
Population Density:												
Large MSA	—	—	14.4	—	—	—	22.4	—	—	—	27.0	—
Other MSA	—	—	14.2	—	—	—	26.1	—	—	—	33.4	—
Non-MSA	—	—	15.6	—	—	—	26.5	—	—	—	30.9	—
Parental Education: ^a												
1.0-2.0 (Low)	—	—	19.5	—	—	—	27.3	—	—	—	28.5	—
2.5-3.0	—	—	17.5	—	—	—	30.5	—	—	—	31.0	—
3.5-4.0	—	—	17.8	—	—	—	25.0	—	—	—	33.6	—
4.5-5.0	—	—	11.8	—	—	—	24.9	—	—	—	29.4	—
5.5-6.0 (High)	—	—	11.5	—	—	—	20.8	—	—	—	29.8	—
Race (2-year average): ^b												
White	—	—	—	—	—	—	—	—	—	—	—	—
Black	—	—	—	—	—	—	—	—	—	—	—	—
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—

NOTES: '—' indicates data not available. See Tables D-105 to D-107 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-105 and D-106. Data for 12th graders based on one of six forms; N is one-sixth of N indicated in Table D-107.

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

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-87
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-1.0
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	-1.3
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	-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	-2.3
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	-0.9
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	-0.5
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	-1.4
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	-1.5
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	+0.3
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	0.0
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	-0.9
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	-2.7
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	-1.7
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	-2.7 s
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	-0.1
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	0.0
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	-0.8
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	-0.9
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	0.0
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	-1.8

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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-88
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.7
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	16.2	0.0
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	-1.3
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	+0.1
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	-0.4
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	0.0
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	-3.7 s
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	+2.1
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	-1.6
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	-1.1
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	0.0
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	-2.0
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	-4.1
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	-1.3
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	+1.6
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	-0.8
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	-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	-1.3
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	+0.2
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	+0.8

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.

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

^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-89
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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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.

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

TABLE D-89 (cont'd)
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days														'03-'04 change	
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	29.4	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	+0.6
Gender:																
Male	29.1	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	-0.9
Female	29.2	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	+2.0
College Plans:																
None or under 4 years	37.5	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	+0.6
Complete 4 years	25.4	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	+0.8
Region:																
Northeast	31.9	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	+0.9
North Central	34.0	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	+1.0
South	26.1	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	+0.4
West	25.1	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	-0.6
Population Density:																
Large MSA	27.9	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	+1.9
Other MSA	29.6	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	+1.2
Non-MSA	30.4	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	-2.8
Parental Education: ^a																
1.0-2.0 (Low)	26.3	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	-2.5
2.5-3.0	30.8	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	+1.7
3.5-4.0	29.3	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	+2.1
4.5-5.0	29.1	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	+1.2
5.5-6.0 (High)	28.6	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	-1.1
Race (2-year average): ^b																
White	32.3	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	-1.3
Black	12.2	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	+0.1
Hispanic	21.7	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	-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.

TABLE D-90
Cigarettes: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Eighth Graders

	Percentage who used daily in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.2
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	-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	-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	-0.7
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	-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	+0.4
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	+0.2
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	-1.0
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	+0.9
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	+0.5
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	-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	-1.0
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	+1.0
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	-0.9
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	-0.2
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	+0.2
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	-0.2
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	-0.6
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	-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	-0.2

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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-91
Cigarettes: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Tenth Graders

	Percentage who used daily in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.6
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	-0.4
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	-0.8
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	-0.7
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	-0.3
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	0.0
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	-2.8 s
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	+0.9
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	-0.9
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	-0.5
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	-0.6
Non-MSA	14.3	14.5	16.9	15.5	18.4	20.8	21.1	19.7	17.5	16.3	13.1	13.7	12.3	12.3	-1.4
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	-3.9
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	-1.3
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	+0.5
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	-0.4
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	-0.3
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	-1.4
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	+0.1
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	0.0

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.

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

^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-92
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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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

TABLE D-92 (cont'd)
Cigarettes: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	19.1	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	-0.3
Gender:																
Male	18.6	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	-1.5
Female	19.3	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	+1.0
College Plans:																
None or under 4 years	28.3	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	-1.0
Complete 4 years	14.7	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	+0.1
Region:																
Northeast	22.8	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	-0.3
North Central	22.2	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	+0.4
South	16.5	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	-0.4
West	14.8	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	-1.6
Population Density:																
Large MSA	19.0	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	+1.0
Other MSA	19.0	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	+0.2
Non-MSA	19.5	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	-3.4
Parental Education: ^a																
1.0-2.0 (Low)	16.7	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	-0.9
2.5-3.0	21.0	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	+1.1
3.5-4.0	19.3	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	-0.2
4.5-5.0	18.3	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	+0.7
5.5-6.0 (High)	16.5	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	-1.0
Race (2-year average): ^b																
White	21.8	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	-1.2
Black	5.8	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	-0.2
Hispanic	10.9	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	+0.2

^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.

TABLE D-93
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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-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	-0.1
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	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	-0.1
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	-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	+0.4
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	+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	-0.7
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	+0.4
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	+0.4
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	-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	-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	+1.9
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	-0.8
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	-0.3
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	+0.1
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	-0.3
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	-0.4
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	0.0
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	0.0

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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-94
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														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.9 s
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	-0.8
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	-0.9 s
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	-1.5
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	-0.6 s
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	-0.9
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	-2.0 ss
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	-0.2
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	-0.4
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	-0.3
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	-0.8
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	-2.1 s
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	-2.0
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	-1.0
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	-0.4
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	-0.8
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	-0.5
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	-0.8
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	0.0
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	-0.3

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.

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

^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-95
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
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Cont'd

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.

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

TABLE D-95 (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															'03-'04 change
	Class of:															
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	11.3	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	-0.3
Gender:																
Male	11.6	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	-1.5 s
Female	10.8	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	+1.0
College Plans:																
None or under 4 years	19.2	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	-1.2
Complete 4 years	7.5	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	+0.2
Region:																
Northeast	13.8	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	+0.3
North Central	13.7	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	-1.3
South	9.4	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	0.0
West	8.3	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	-0.8
Population Density:																
Large MSA	11.2	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	+0.6
Other MSA	11.0	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	-0.2
Non-MSA	12.1	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	-2.2
Parental Education: ^a																
1.0-2.0 (Low)	10.2	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	-0.1
2.5-3.0	13.4	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	+0.4
3.5-4.0	11.6	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	-0.5
4.5-5.0	10.2	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	+0.4
5.5-6.0 (High)	7.9	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	-0.1
Race (2-year average): ^b																
White	13.3	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	-0.9
Black	1.8	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	-0.1
Hispanic	4.2	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	-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.

TABLE D-96
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	<i>Approx. N =</i>														
	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	0.0
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	-0.3
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	-0.1
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	-0.6
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	0.0
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	+0.3
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	+0.8
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	-0.4
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	-0.6
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	-0.7
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	-0.1
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	+0.8
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	0.0
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	+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	-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	+0.1
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	+0.3
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	+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	+0.3
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	-0.7

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-105 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-105.

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

^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-97
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.4
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	-0.5
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	-0.3
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	-0.8
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	-0.1
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	+0.6
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	-1.1
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	-0.2
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	-0.4
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	-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	-0.5
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	-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	-3.7
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	+0.7
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	+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	-1.3
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	+0.2
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	-0.7
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	+0.3
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	-0.8

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.

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

^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-98
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last thirty days																			'03-'04 change
	1975-85	1986	1987	1988	1989	1990-91 ^a	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	—	15200	16300	16300	16700	—	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600	
Total	—	11.5	11.3	10.3	8.4	—	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	0.0
Gender:																				
Male	—	22.3	22.8	19.9	15.9	—	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	-0.3
Female	—	1.6	0.7	1.7	1.2	—	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	+0.5
College Plans:																				
None or under 4 years	—	14.5	15.5	13.1	9.6	—	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	-0.9
Complete 4 years	—	9.8	9.0	8.8	7.7	—	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	+0.1
Region:																				
Northeast	—	9.5	7.3	5.9	5.0	—	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	-1.2
North Central	—	13.5	11.3	10.8	8.3	—	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	+1.7
South	—	12.2	13.7	12.1	9.8	—	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	+0.5
West	—	9.3	11.7	10.9	9.1	—	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	-1.7
Population Density:																				
Large MSA	—	9.0	6.4	7.7	6.8	—	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	+0.4
Other MSA	—	8.9	10.5	8.5	7.6	—	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	-1.3
Non-MSA	—	17.1	17.5	16.1	11.7	—	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	+1.7
Parental Education: ^b																				
1.0-2.0 (Low)	—	8.6	11.7	10.7	5.3	—	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	-3.1
2.5-3.0	—	14.4	11.5	10.7	7.0	—	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	+2.9
3.5-4.0	—	11.5	12.1	10.6	9.0	—	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	-1.9
4.5-5.0	—	10.4	11.7	11.8	10.2	—	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	+0.3
5.5-6.0 (High)	—	7.7	8.1	7.2	8.4	—	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	-0.8
Race (2-year average): ^c																				
White	—	—	12.9	12.0	10.6	—	—	13.8	13.8	13.8	13.0	12.2	11.8	11.0	10.5	10.3	9.7	8.5	8.2	-0.3
Black	—	—	2.1	4.5	4.5	—	—	2.0	1.9	2.1	2.7	2.2	1.4	1.5	1.5	1.2	1.0	1.0	0.6	-0.4
Hispanic	—	—	4.4	5.2	5.1	—	—	6.0	5.4	7.6	8.1	5.3	4.3	3.9	3.8	3.2	2.6	3.1	3.9	+0.8

(Table continued on next page)

TABLE D-98 (cont'd)
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

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 six forms; N is one-sixth of N indicated in Table D-107.

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

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.

TABLE D-99
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Eighth Graders

	Percentage who used daily in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	+0.2
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	+0.2
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	+0.1
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	-0.2
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	+0.3
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
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	+0.1
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	+0.4
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	+0.1
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
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	0.0
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	+1.2
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	+1.0
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	+0.1
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	-0.1
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	+0.5
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	-0.3
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	+0.3
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	-0.1
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	0.0

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-105 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-105.

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

^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-100
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Tenth Graders

	Percentage who used daily in last thirty days														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-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	-0.7
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	+0.1
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	+0.3
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	-0.2
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	+0.4
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	-0.6
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	-0.3
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	-0.1
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	-0.5
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	-0.2
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	-0.1
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	-0.2
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	-0.3
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	+0.5
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	-1.0 s
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	-0.5
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	0.0
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	+0.2
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	+0.5

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.

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

^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-101
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

	Percentage who used daily in last thirty days																			'03-'04 change	
	1975-85	1986	1987	1988	1989	1990-91 ^a	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
<i>Approx. N =</i>	—	15200	16300	16300	16700	—	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
Total	—	4.7	5.1	4.3	3.3	—	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	+0.6	
Gender:																					
Male	—	10.0	10.7	8.6	6.8	—	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	+1.0	
Female	—	0.1	0.1	0.5	0.0	—	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	
College Plans:																					
None or under 4 years	—	7.1	7.8	5.8	4.2	—	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	-0.2	
Complete 4 years	—	3.3	3.7	3.5	2.7	—	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	+0.6	
Region:																					
Northeast	—	4.6	2.1	2.3	1.3	—	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	-0.7	
North Central	—	4.5	4.5	3.5	2.2	—	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	+1.8	
South	—	6.1	7.4	6.3	4.2	—	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	+1.1	
West	—	2.9	5.5	4.0	4.9	—	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	-0.5	
Population Density:																					
Large MSA	—	3.4	3.3	3.0	3.0	—	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	+0.4	
Other MSA	—	3.3	4.3	2.5	2.8	—	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	0.0	
Non-MSA	—	7.8	8.5	8.9	4.6	—	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	+1.9	
Parental Education: ^b																					
1.0-2.0 (Low)	—	1.9	5.6	5.3	1.8	—	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	-1.9	
2.5-3.0	—	7.6	6.9	3.2	3.9	—	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	+2.8 s	
3.5-4.0	—	3.5	4.7	5.4	3.1	—	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	0.0	
4.5-5.0	—	3.9	5.0	4.7	4.6	—	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	-0.2	
5.5-6.0 (High)	—	3.3	2.1	3.5	1.2	—	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	+0.2	
Race (2-year average): ^c																					
White	—	—	5.8	5.4	4.5	—	—	4.8	4.7	4.6	4.1	5.0	5.2	4.3	4.3	4.4	3.5	2.9	3.2	+0.3	
Black	—	—	0.6	1.0	0.5	—	—	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	
Hispanic	—	—	0.8	2.1	2.1	—	—	1.6	0.7	1.2	2.2	1.9	0.8	0.4	0.9	0.6	0.3	0.7	1.1	+0.4	

(Table continued on next page)

TABLE D-101 (cont'd)
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Twelfth Graders

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 six forms; N is one-sixth of N indicated in Table D-107.

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

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.

TABLE D-102
Steroids: Trends in Annual Prevalence of Use by Subgroups for Eighth Graders

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	17500	18600	18300	17300	17500	17800	18600	18100	16700	16700	16200	15100	16500	17000	
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	-0.3 s
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	-0.5 s
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	-0.1
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	+0.5
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	-0.4 ss
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	-0.2
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	-0.5
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	-0.3
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	-0.2
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	0.0
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	-0.4 s
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	-0.5
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	+0.2
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	-0.4
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	-0.6 s
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	-0.1
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	-0.2
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	-0.3
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	-0.3
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	0.0

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-105 for the number of subgroup cases. See Appendix B for definition of variables in table.

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

^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-103
Steroids: Trends in Annual Prevalence of Use by Subgroups for Tenth Graders

	Percentage who used in last twelve months														'03-'04 change
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
<i>Approx. N =</i>	14800	14800	15300	15800	17000	15600	15500	15000	13600	14300	14000	14300	15800	16400	
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	-0.2
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	0.0
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	-0.3
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	+0.2
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	-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	-0.5
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	-0.6
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	+0.4
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	0.0
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	-0.2
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	0.0
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	-0.4
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	-0.4
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	-0.1
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	-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	-0.2
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	-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	-0.4
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	0.0
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	-0.1

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.

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

^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-104
Steroids: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percentage who used in last twelve months																		'03-'04 change	
	Class of:																			
	1975-79	1980-88	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
<i>Approx. N =</i>	—	—	16700	15200	15000	15800	16300	15400	15400	14300	15400	15200	13600	12800	12800	12900	14600	14600		
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	+0.4	
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	+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	+0.6	
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	+0.3	
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	+0.5	
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	+0.8	
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	+0.6	
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	+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	-0.2	
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	+0.5	
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	+0.8	
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	-0.4	
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	+1.9	
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	+1.5 s	
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	-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	-0.6	
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	+1.0	
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	0.0	
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	+0.3	
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	+0.6	

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 six forms in 1989-90; N is one-sixth of N indicated in Table D-107. Data based on two of six forms beginning in 1991; N is two-sixths of N indicated in Table D-107.

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

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.

TABLE D-105
Approximate Weighted Ns by Subgroups for Eighth Graders

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
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
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
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
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
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
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
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
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
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
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
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
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
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
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
3.5-4.0	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
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
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
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
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
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

NOTES: '—' indicates data not available. See Appendix B for definition of variables in table.

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

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.

TABLE D-106
Approximate Weighted Ns by Subgroups for Tenth Graders

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
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
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
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
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
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
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
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
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
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
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
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
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
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
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
3.5-4.0	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
4.5-5.0	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
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
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
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
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

NOTES: '—' indicates data not available. See Appendix B for definition of variables in table.

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

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.

TABLE D-107
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
4.5-5.0	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
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
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
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
Hispanic	—	—	890	1,000	940	740	930	1,300	1,300	1,200	1,200	1,500	1,900	2,100	2,400

NOTES: '—' indicates data not available. See Appendix B for definition of variables in table.

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

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.

TABLE D-107 (cont'd)
Approximate Weighted Ns by Subgroups for Twelfth Graders

	Class of:														
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	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
Gender:															
Male	7,700	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
Female	7,100	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
College Plans:															
None or under 4 years	4,200	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
Complete 4 years	10,100	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
Region:															
Northeast	3,300	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
North Central	4,200	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
South	5,000	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
West	2,700	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
Population Density:															
Large MSA	3,800	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
Other MSA	7,700	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
Non-MSA	3,700	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
Parental Education:															
1.0-2.0 (Low)	1,600	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
2.5-3.0	4,300	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
3.5-4.0	4,100	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
4.5-5.0	3,100	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
5.5-6.0 (High)	1,600	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
Race (2-year average): ^a															
White	23,400	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
Black	3,500	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
Hispanic	2,500	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

NOTES: '—' indicates data not available. See Appendix B for definition of variables in table.

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

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.