

# NEDS Secondary Analysis Briefing Toolkit

## Module 48: Substance Use Among White Youth and Adults in Three National Surveys (YRBS, MTF, NHSDA)

The results in this Secondary Analysis Briefing Toolkit Module are taken from a NEDS Technical Report titled: *Patterns of Substance Use Among Minority Youth and Adults in the United States: An Overview and Synthesis of National Survey Findings*. This report, produced by Caliber Associates, can be found in its entirety on the NEDS Web site at <http://neds.calib.com>.

# CONTENTS

## NEDS SECONDARY ANALYSIS BRIEFING TOOLKIT

### MODULE 48: SUBSTANCE USE AMONG WHITE YOUTH AND ADULTS IN THREE NATIONAL SURVEYS (YRBS, MTF, NHSDA)

#### **Purpose, Design, and Sampling of the YRBS, MTF, and NHSDA Surveys**

#### **Trends in Substance Use Among White Youth in the YRBS, MTF, and NHSDA (1991-1997)**

- # Past 30-Day Alcohol Use by Survey
- # Past 30-Day Binge Drinking by Survey
- # Past 30-Day Marijuana Use by Survey

#### **Substance Use Among White Youth and Adults (NHSDA, 1998)**

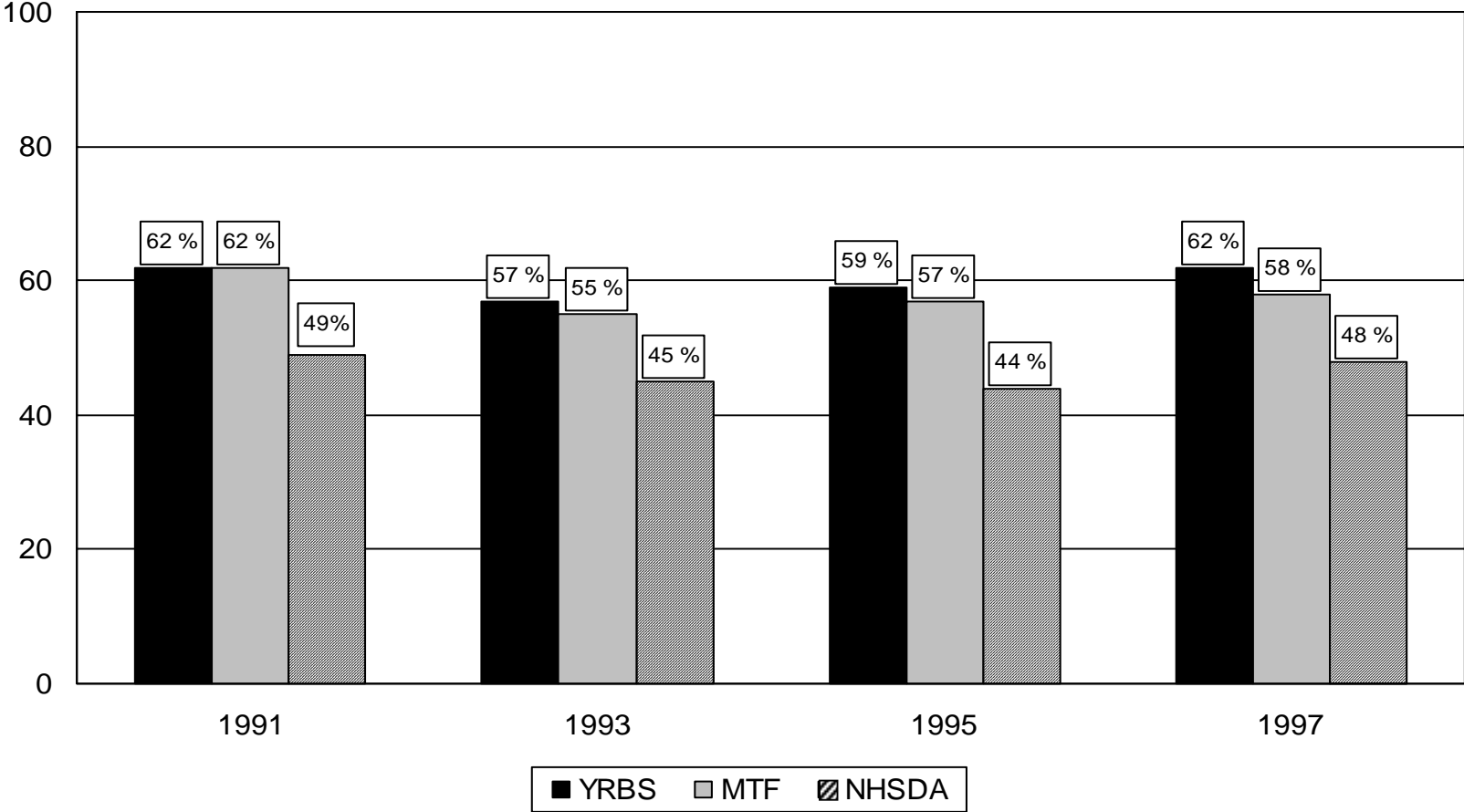
- # Age of Respondents (NHSDA, 1998)
- # Past-Month Alcohol Use by Age (NHSDA, 1998)
- # Past-Year Alcohol Use by Age (NHSDA, 1998)
- # Lifetime Alcohol Use by Age (NHSDA, 1998)
- # Past-Month Cigarette Use by Age (NHSDA, 1998)
- # Past-Year Cigarette Use by Age (NHSDA, 1998)
- # Lifetime Cigarette Use by Age (NHSDA, 1998)
- # Past-Month Marijuana Use by Age (NHSDA, 1998)
- # Past-Year Marijuana Use by Age (NHSDA, 1998)
- # Lifetime Marijuana Use by Age (NHSDA, 1998)
- # Past-Month Cocaine Use by Age (NHSDA, 1998)
- # Past-Year Cocaine Use by Age (NHSDA, 1998)
- # Lifetime Cocaine Use by Age (NHSDA, 1998)

**Purpose, Design and Sampling of the YRBS, MTF, and NHSDA Surveys**

	<b>Youth Risk Behavior Survey (YRBS)</b>	<b>Monitoring the Future (MTF)</b>	<b>National Household Survey on Drug Abuse (NHSDA)</b>
<b>Purpose</b>	To monitor the prevalence of youth behaviors that most influence health.	To study the changes in adolescent beliefs, attitudes, and behaviors toward government, gender roles, environment, and substance use and abuse.	To measure the prevalence and correlates of drug use in the United States and to monitor drug use trends over time.
<b>Frequency of Data Collection</b>	Biennially (spring)	Annually (spring)	Continuous (calendar year survey periods)
<b>Data Collection Method</b>	The YRBS questionnaire focuses on priority youth health-related risk behaviors that result in significant mortality, morbidity, disability, and social problems.	The MTF is a repeated series of surveys administered to the same groups over time. In addition to the annual cross-sectional surveys, a random subsample of each year's 12 <sup>th</sup> grade sample is followed up in a longitudinal panel study to track changes in their drug use over time.	The NHSDA is a national surveillance system for monitoring substance abuse in the United States. Prior to 1999, the NHSDA was conducted in the respondent's home. Since 1999, the NHSDA has been administered through a computer assisted interview.
<b>Sampling</b>	The YRBS samples students in grades 9 through 12 at the national, state, and local levels during school through the use of self-administered multiple choice questionnaires.	The MTF is a repeated series of surveys in which the same segments of the population (8 <sup>th</sup> , 10 <sup>th</sup> , and 12 <sup>th</sup> graders, college students, and young adults) are presented with the same set of questions over a period of years to see how answers change over time.	The NHSDA uses a national probability sample of households in the United States. The respondent universe for the NHSDA includes civilian, non-institutionalized individuals ages 12 and older.
<b>Sponsoring Agency</b>	National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention	National Institute on Drug Abuse, National Institutes of Health	Substance Abuse and Mental Health Services Administration

**Trends in Substance Use Among White Youth  
in the YRBS, MTF, and NHSDA (1991-1997)**

# Past 30-Day Alcohol Use by Survey (1991-1997)\*

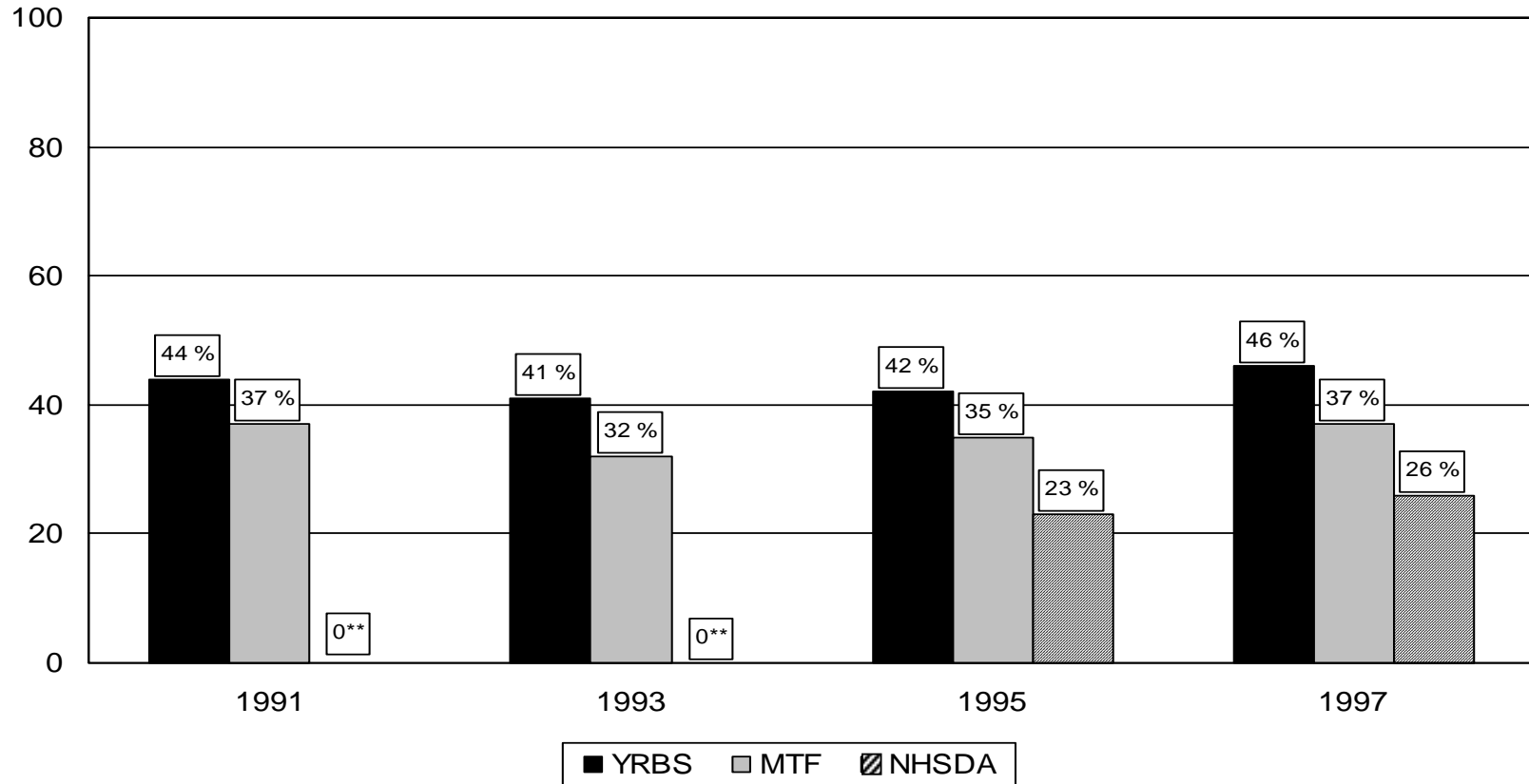


\*These percentages reflect data from sub-groups in each survey who were in the 12<sup>th</sup> grade (YRBS and MTF) or who were aged 17 to 18 years (NHSDA). These sub-groups were used to maximize the number of comparable data points across surveys and serve as a proxy for a true 12<sup>th</sup> grade sample.

**SOURCE: YRBS, MTF, NHSDA (White Respondents)**

Module 48, Slide 1, Page 24, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

## Past 30-Day Binge Drinking by Survey (1991-1997)\*



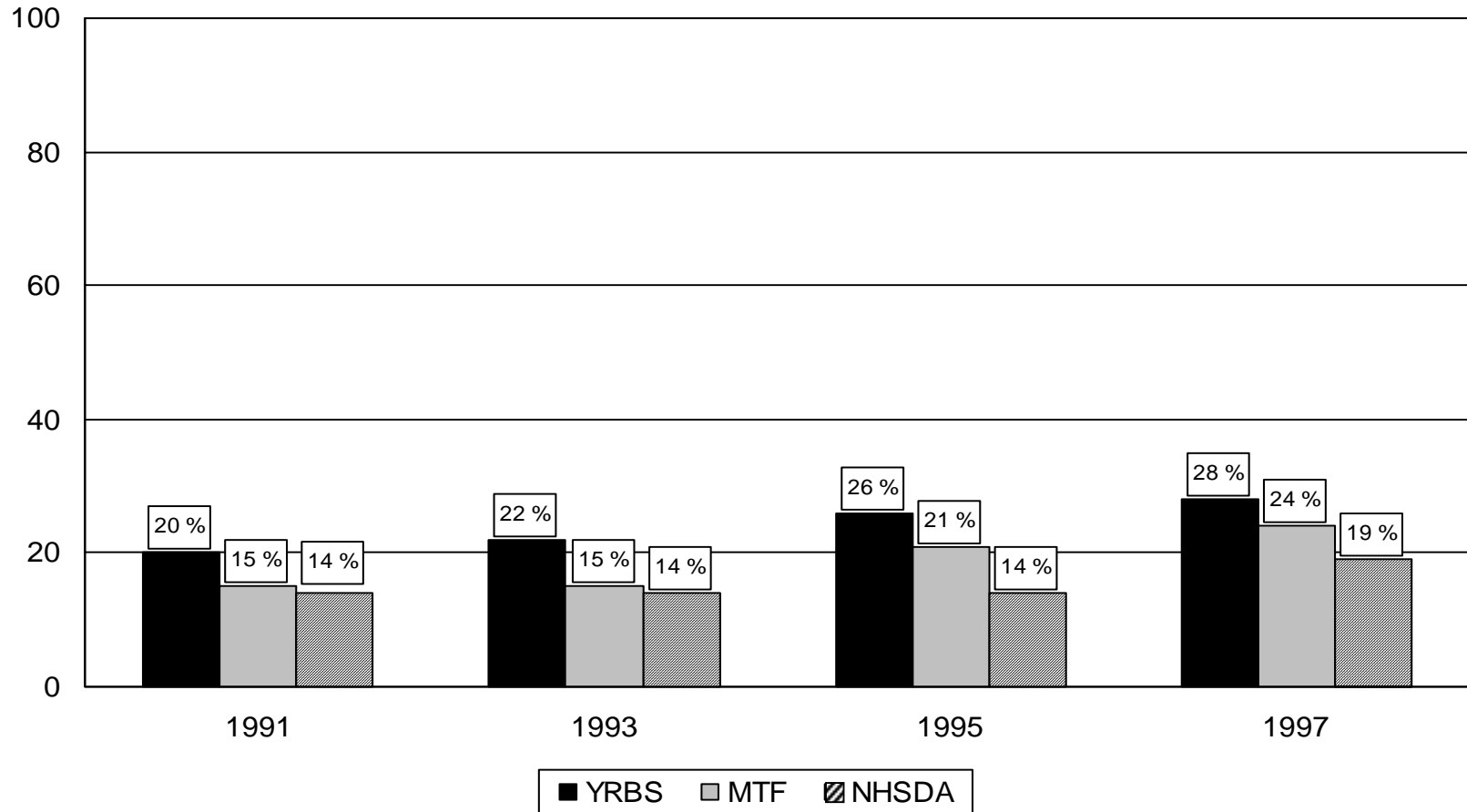
\*These percentages reflect data from sub-groups in each survey who were in the 12<sup>th</sup> grade (YRBS and MTF) or who were aged 17 to 18 years (NHSDA). These sub-groups were used to maximize the number of comparable data points across surveys and serve as a proxy for a true 12<sup>th</sup> grade sample. Binge drinking is defined as having 5 or more drinks in a row, within a couple of hours.

\*\*The NHSDA survey did not start including items about binge drinking until 1995. The YRBS and MTF surveys, however, had complete data for the 1991-1997 time period.

**SOURCE: YRBS, MTF, NHSDA (White Respondents)**

Module 48, Slide 2, Page 26, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

# Past 30-Day Marijuana Use by Survey (1991-1997)\*



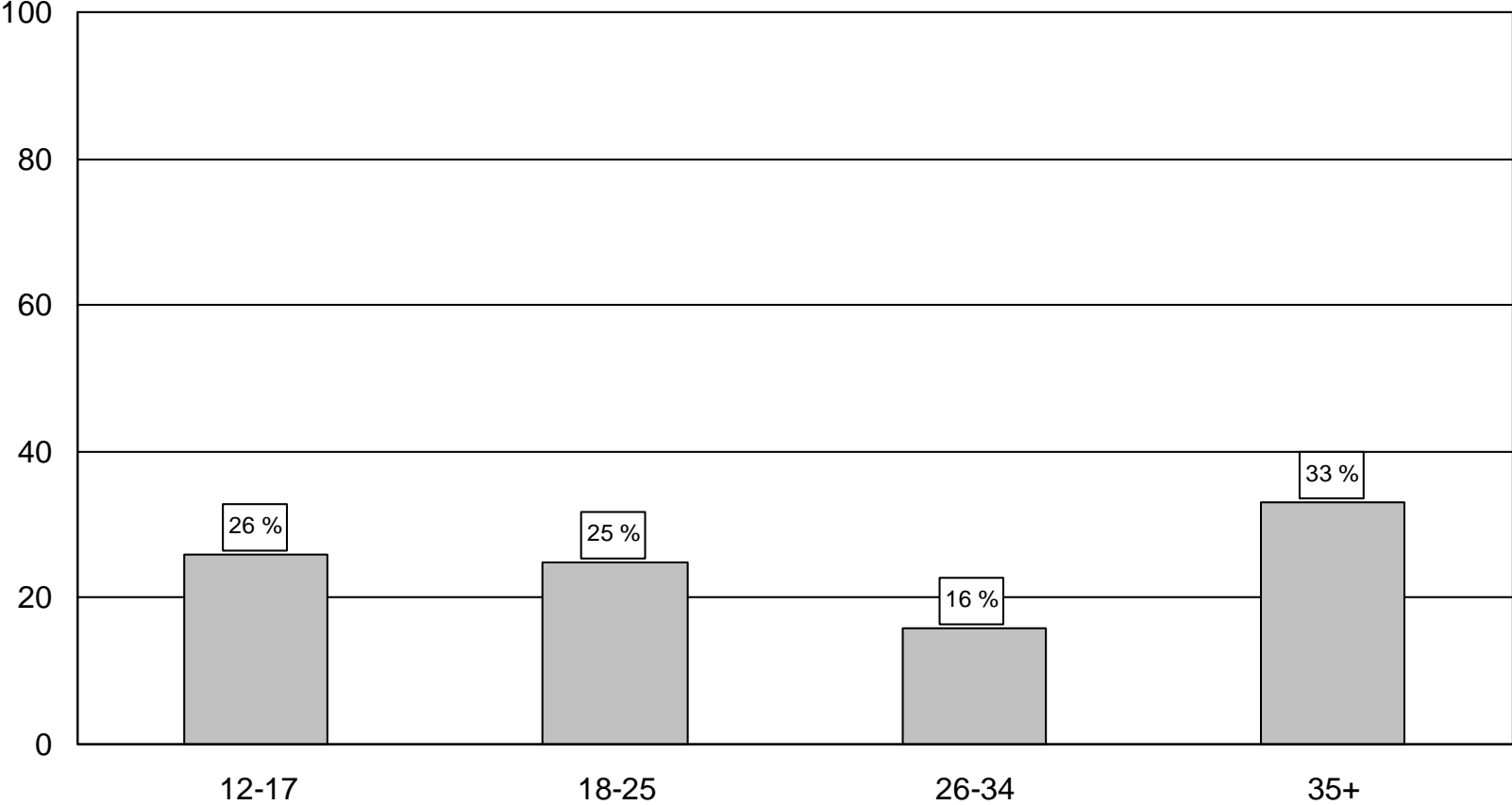
\*These percentages reflect data from sub-groups in each survey who were in the 12<sup>th</sup> grade (YRBS and MTF) or who were aged 17 to 18 years (NHSDA). These sub-groups were used to maximize the number of comparable data points across surveys and serve as a proxy for a true 12<sup>th</sup> grade sample.

**SOURCE: YRBS, MTF, NHSDA (White Respondents)**

Module 48, Slide 3, Page 28, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

## **Substance Use Among White Youth and Adults (NHSDA, 1998)**

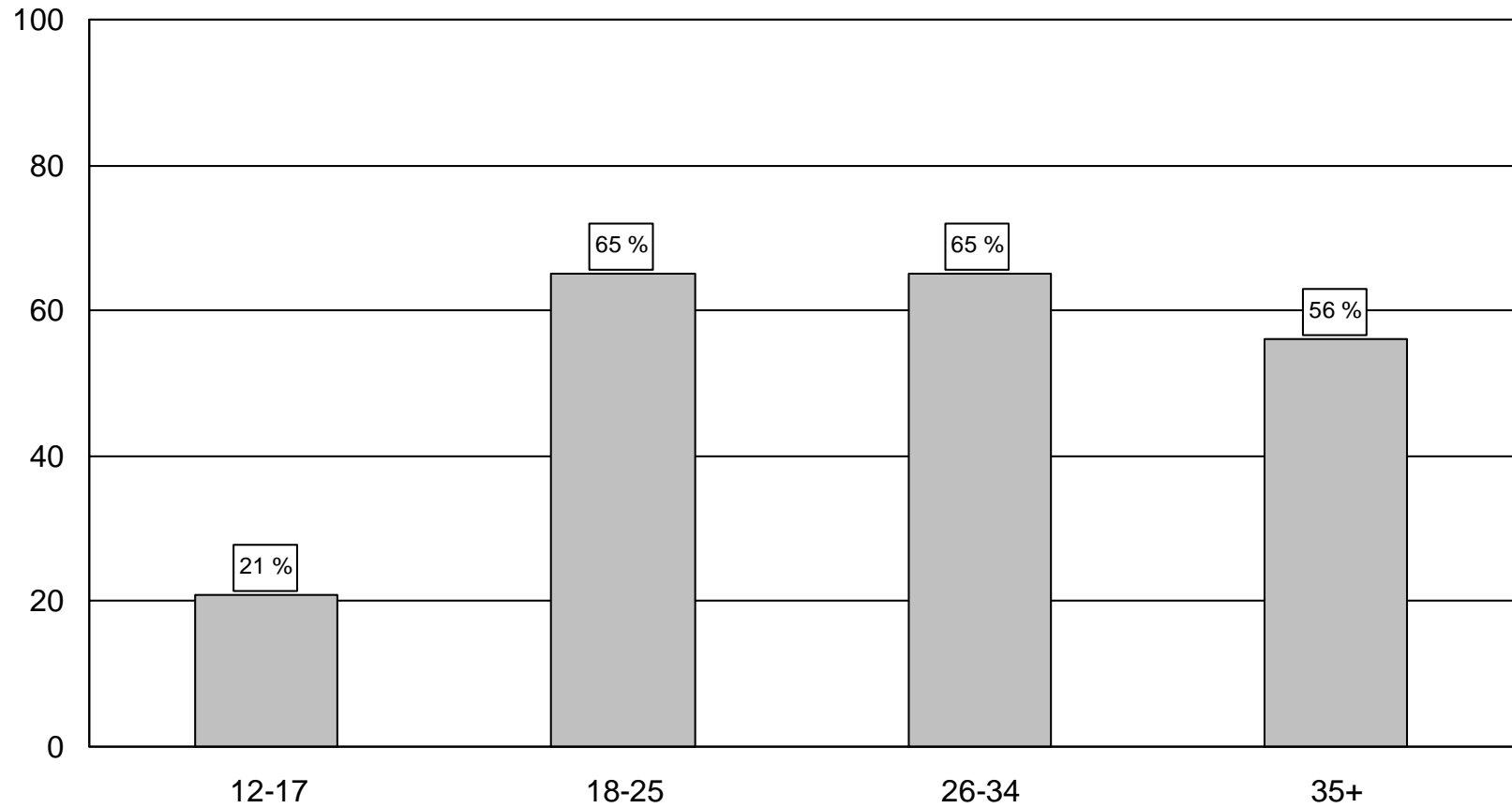
# Age of White Respondents (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 4, Page 42, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

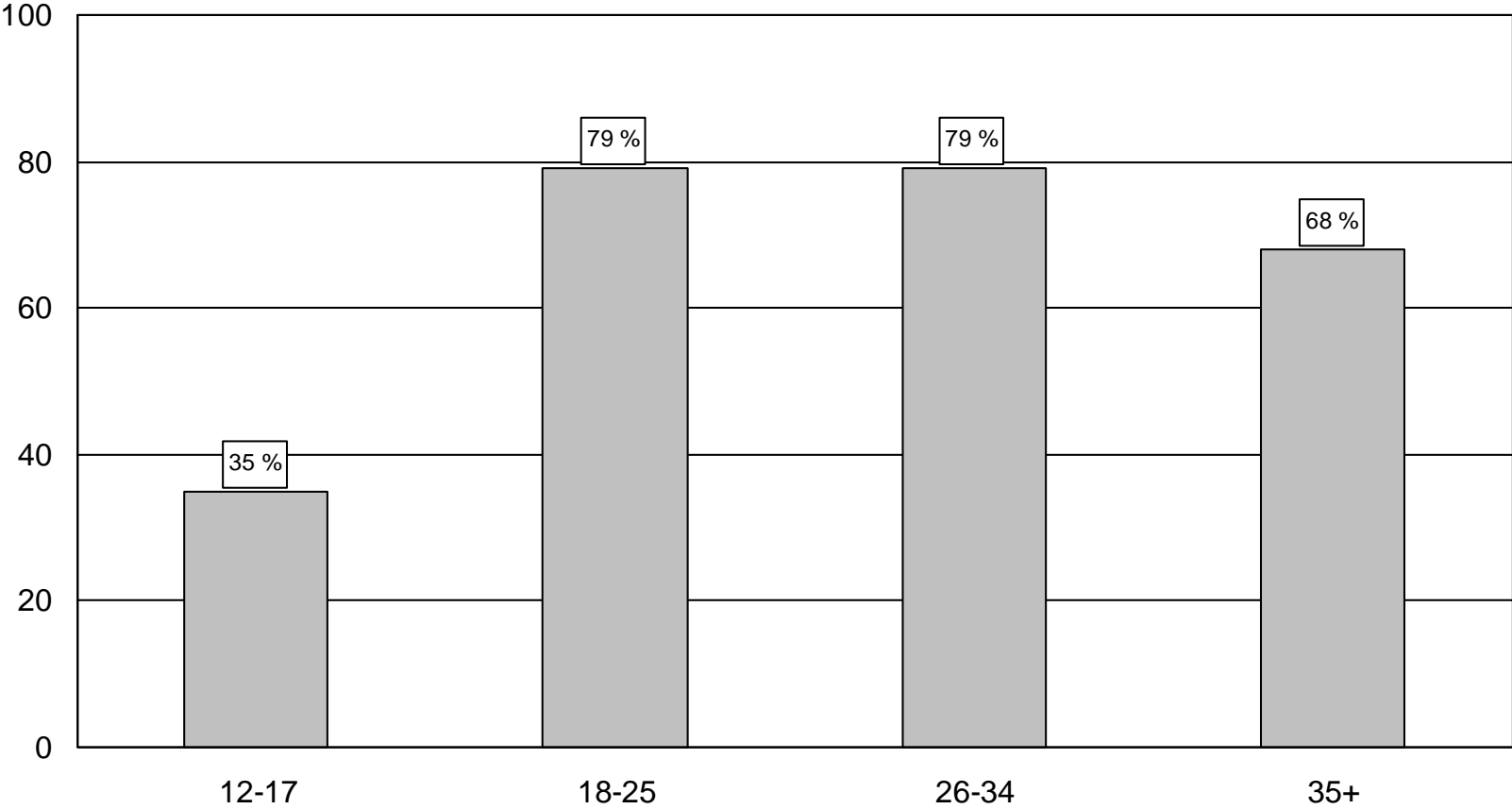
## Past-Month Alcohol Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 5, Page 42, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

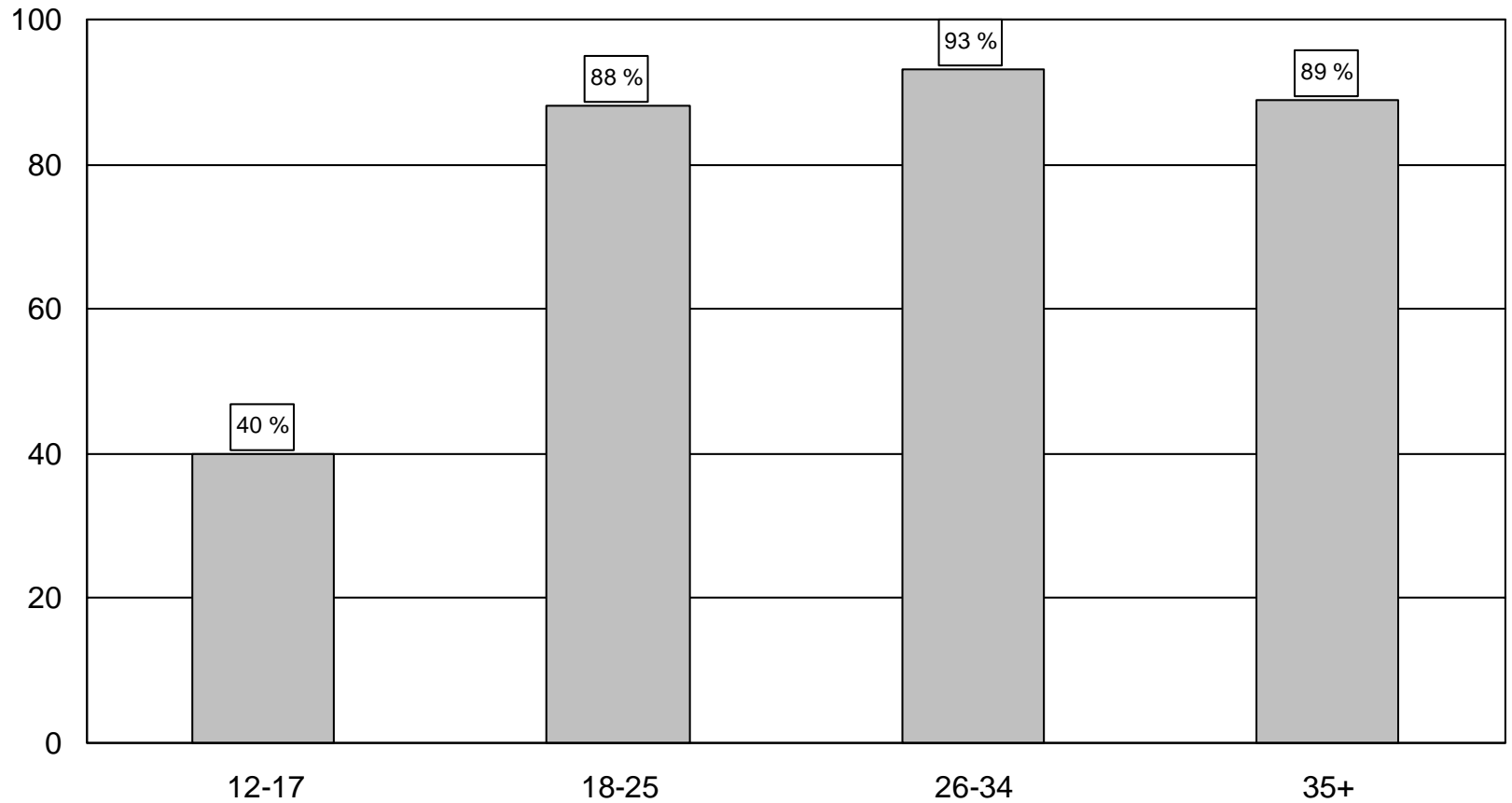
# Past-Year Alcohol Use by Age NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 6, Page 42, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

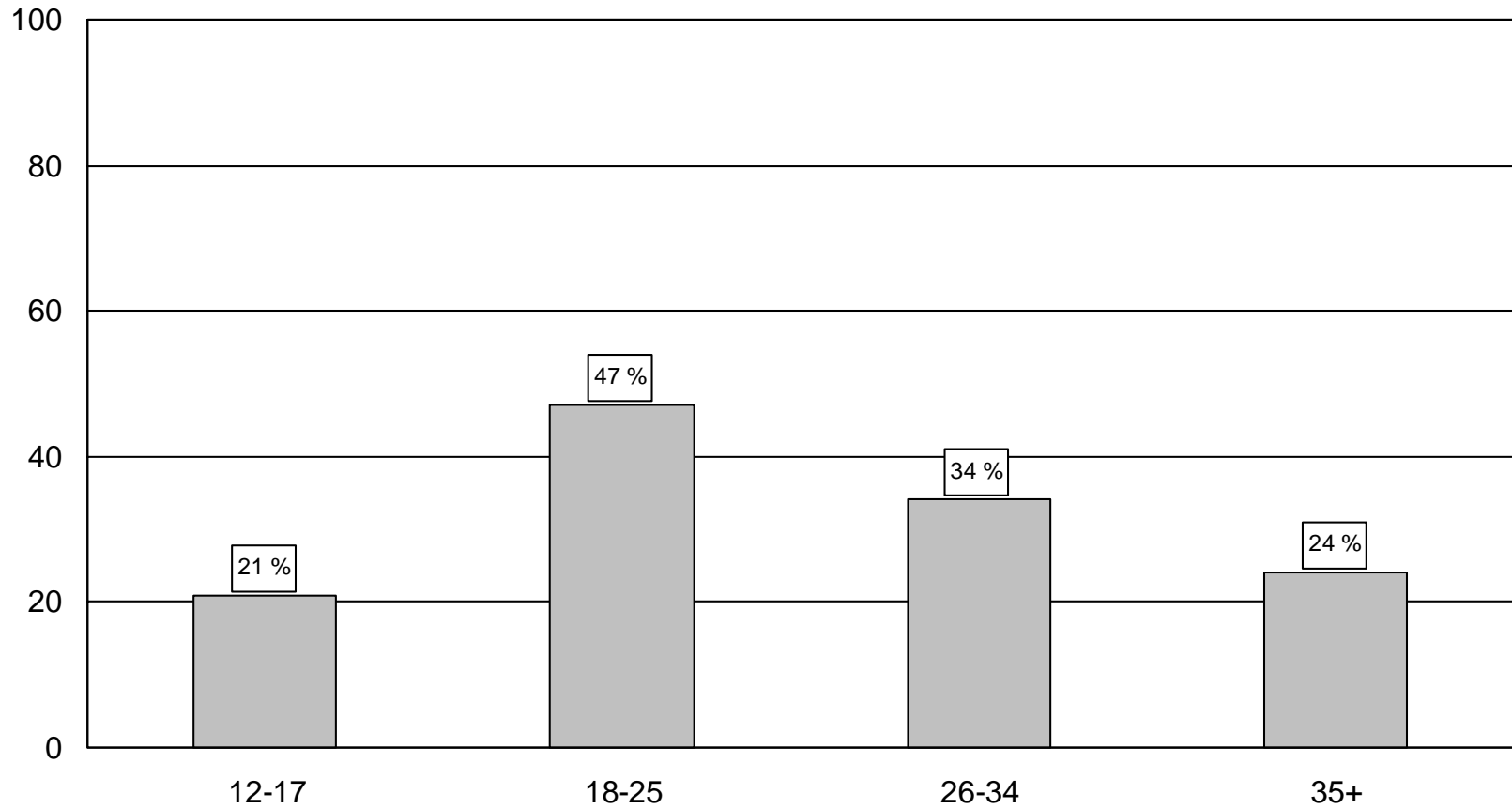
# Lifetime Alcohol Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 7, Page 42, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

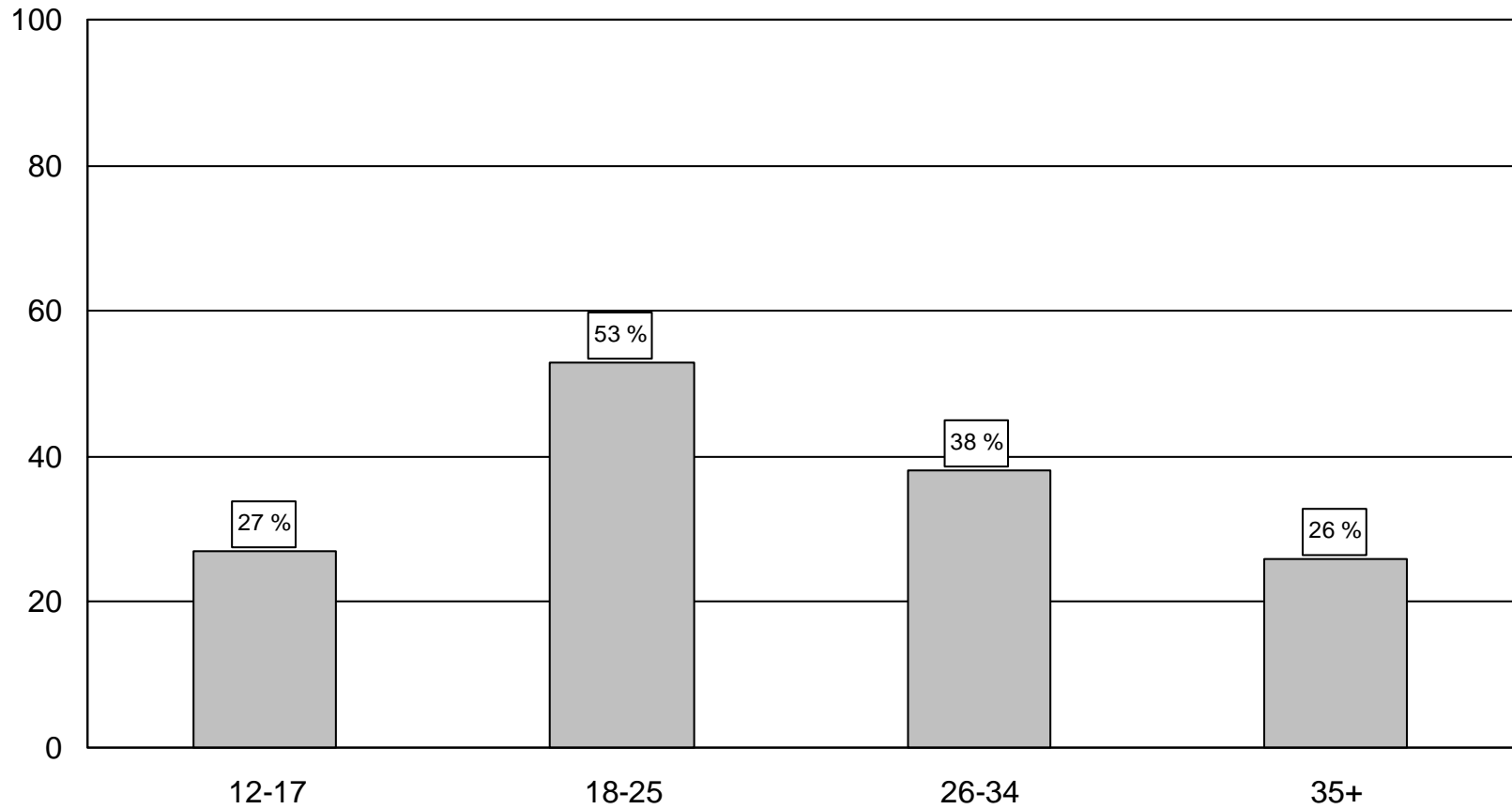
## Past-Month Cigarette Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 8, Page 42, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

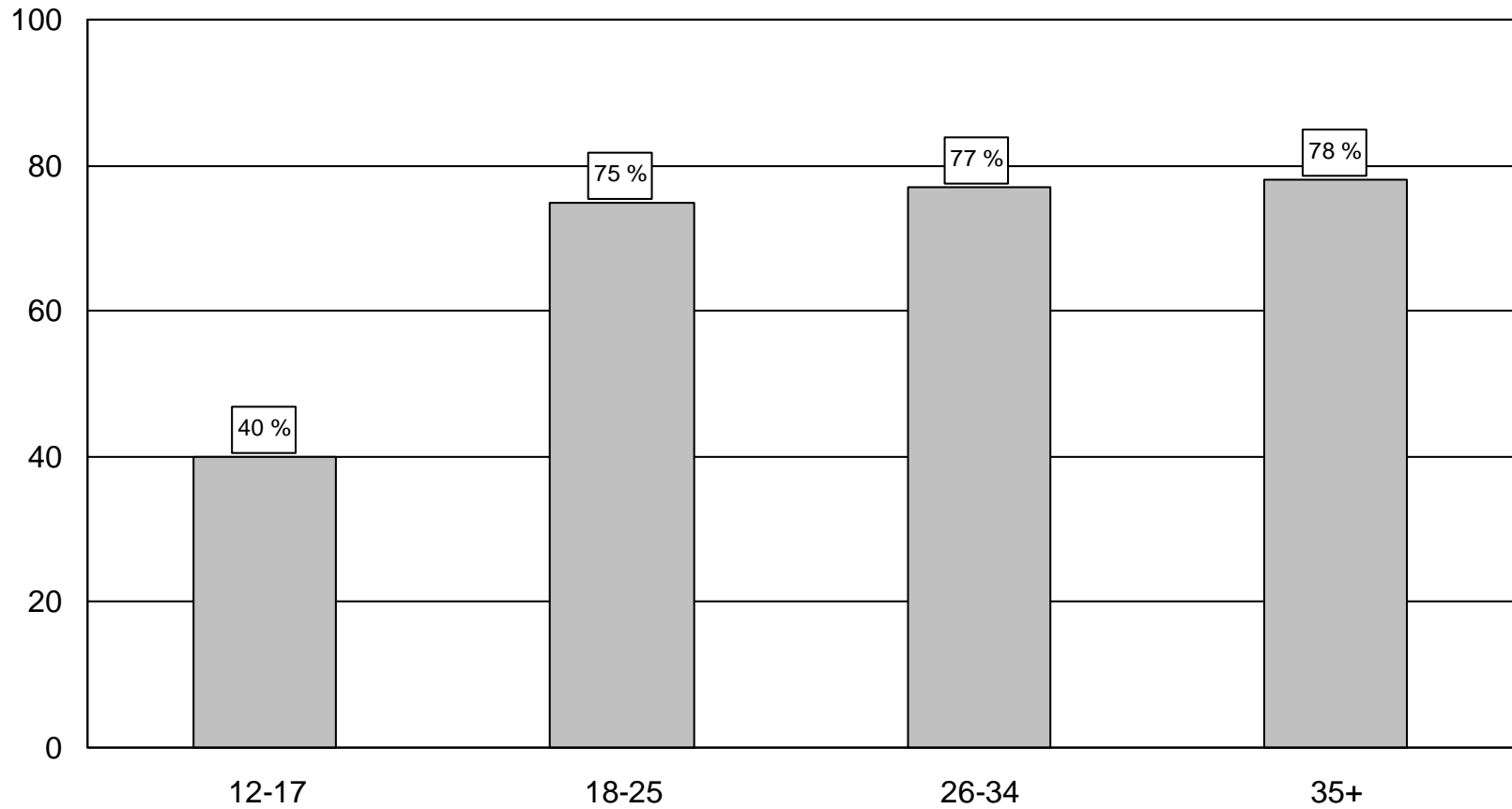
## Past-Year Cigarette Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 9, Page 42, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

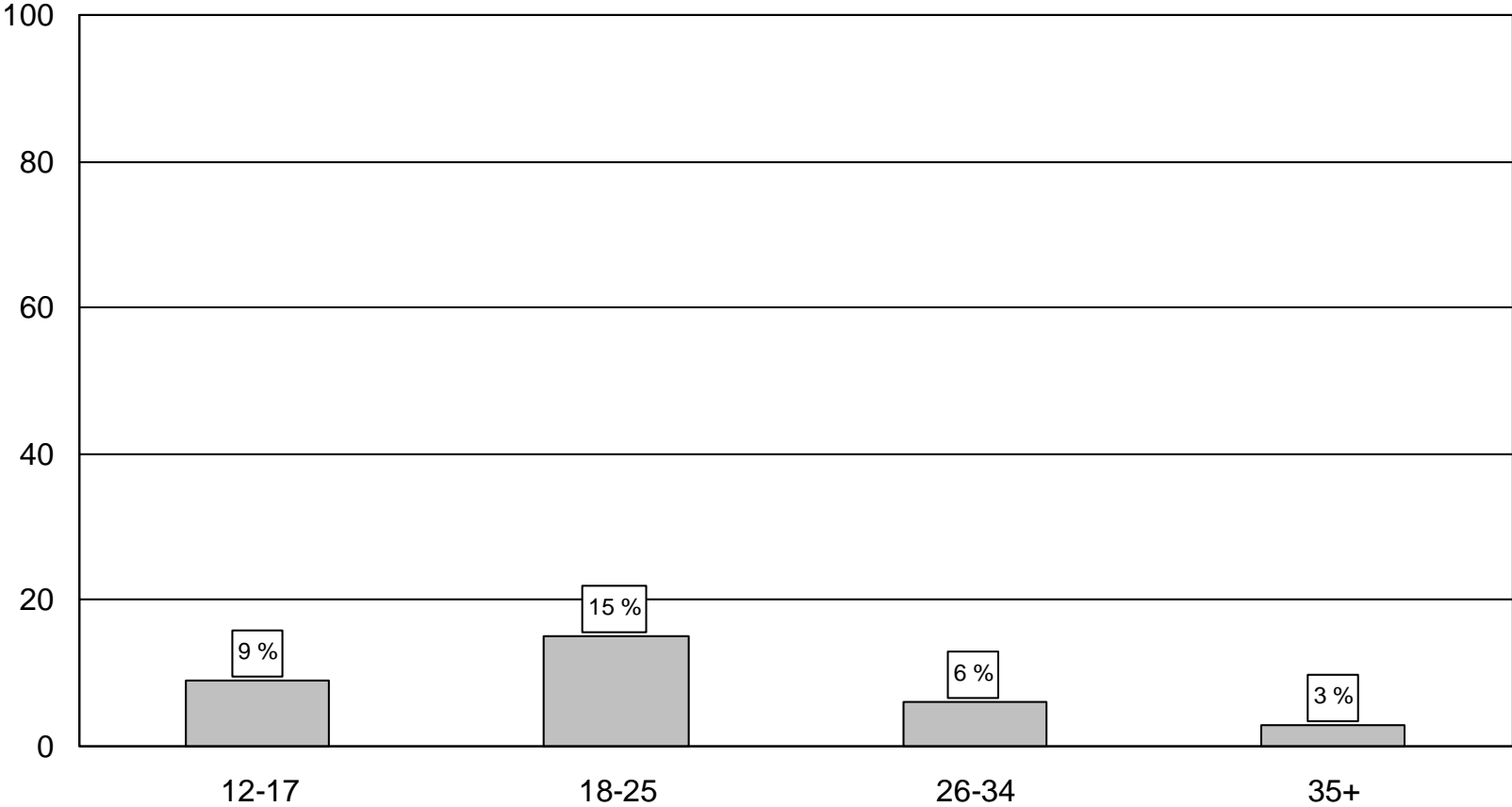
## Lifetime Cigarette Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 10, Page 42, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

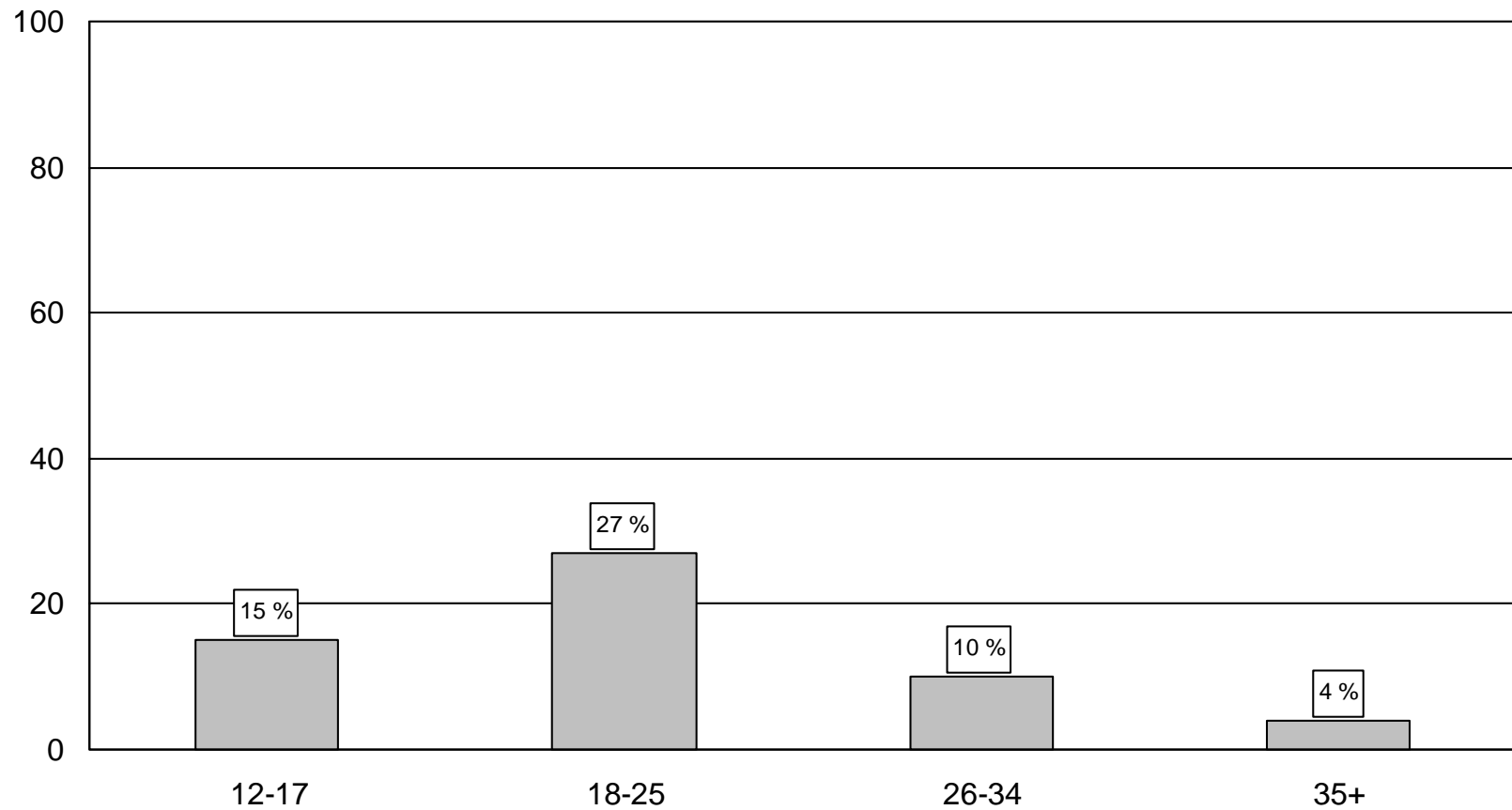
# Past-Month Marijuana Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 11, Page 45, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

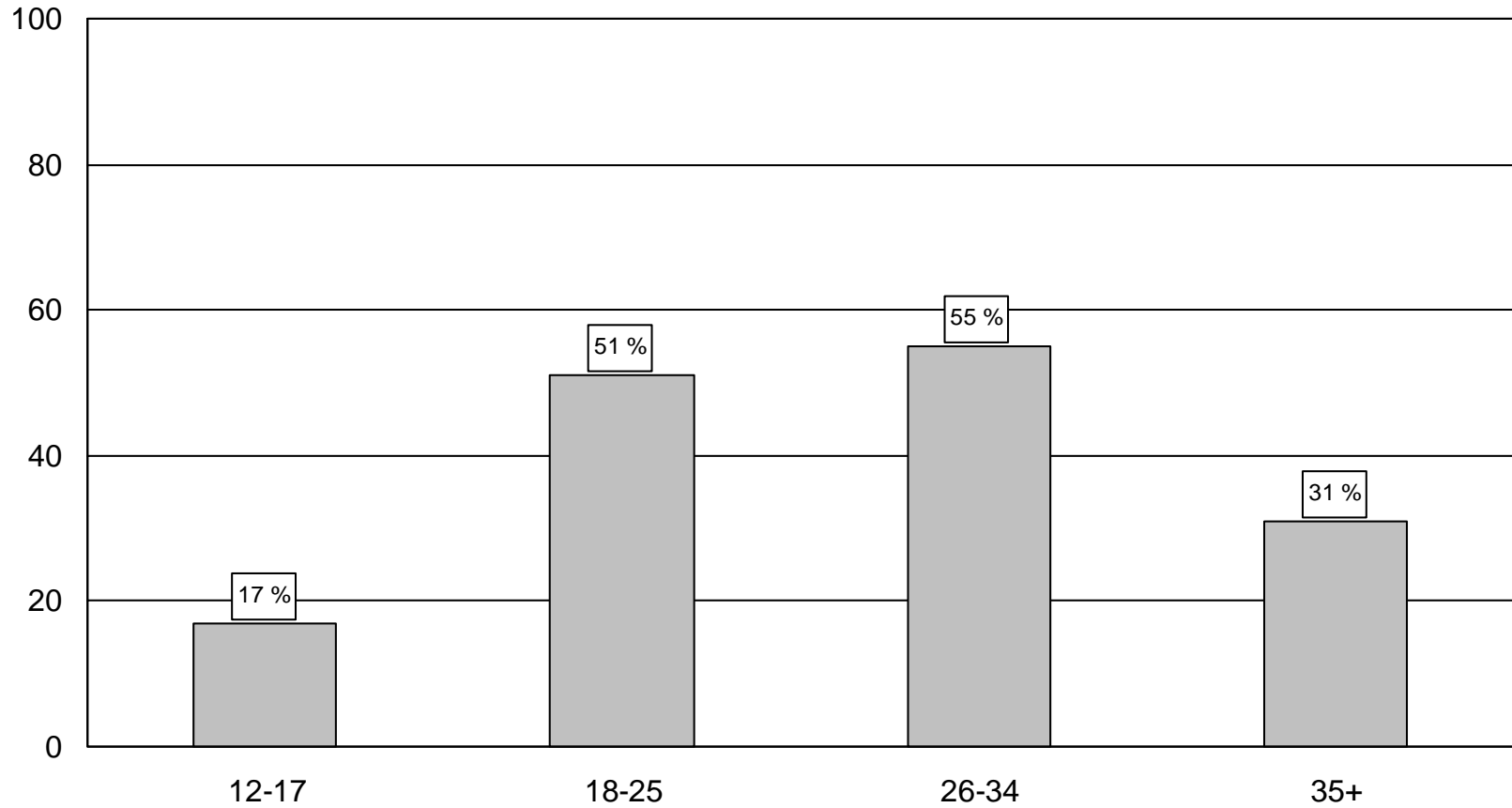
## Past-Year Marijuana Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 12, Page 45, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

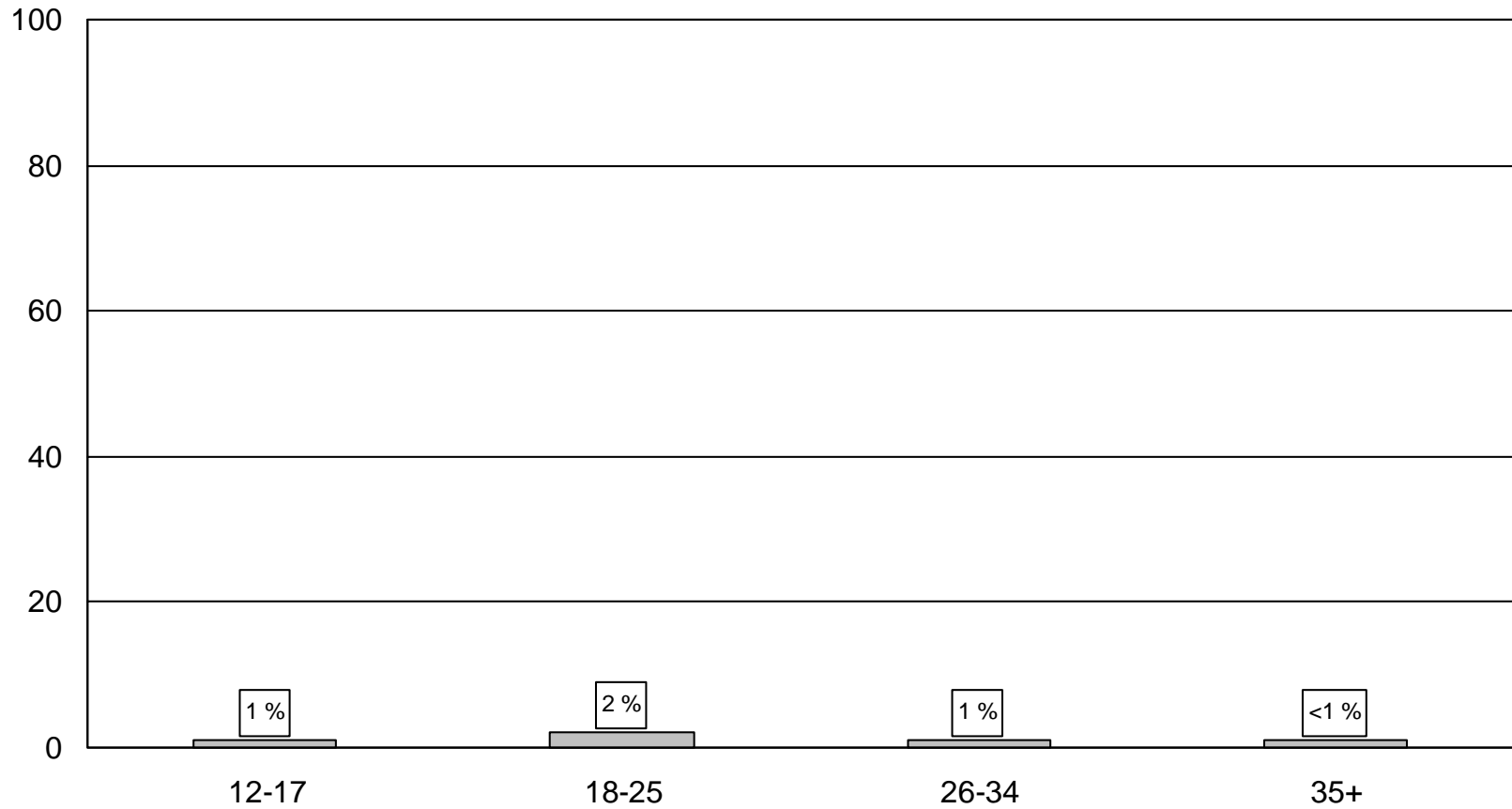
## Lifetime Marijuana Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 13, Page 45, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

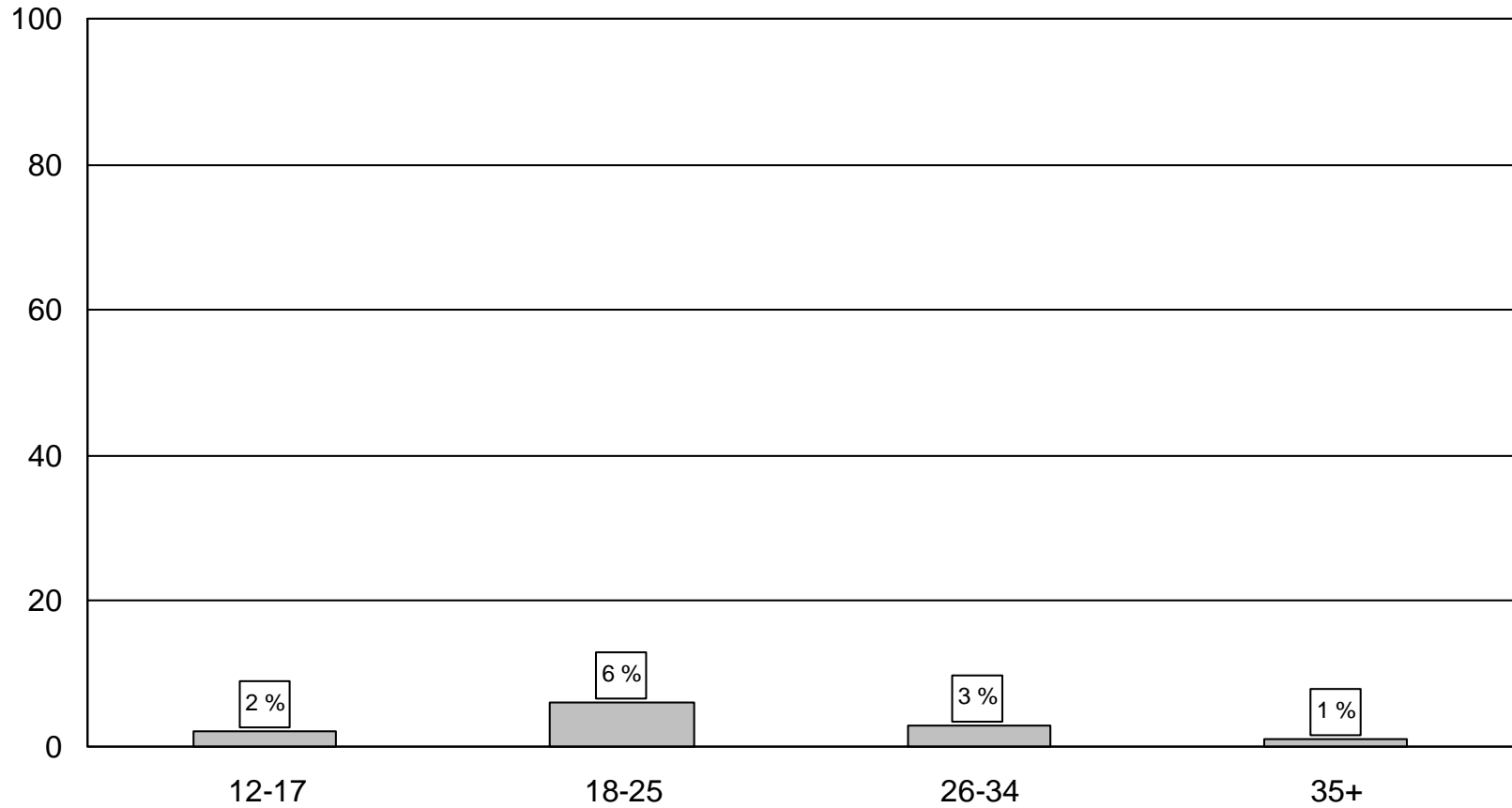
## Past-Month Cocaine Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 14, Page 47, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

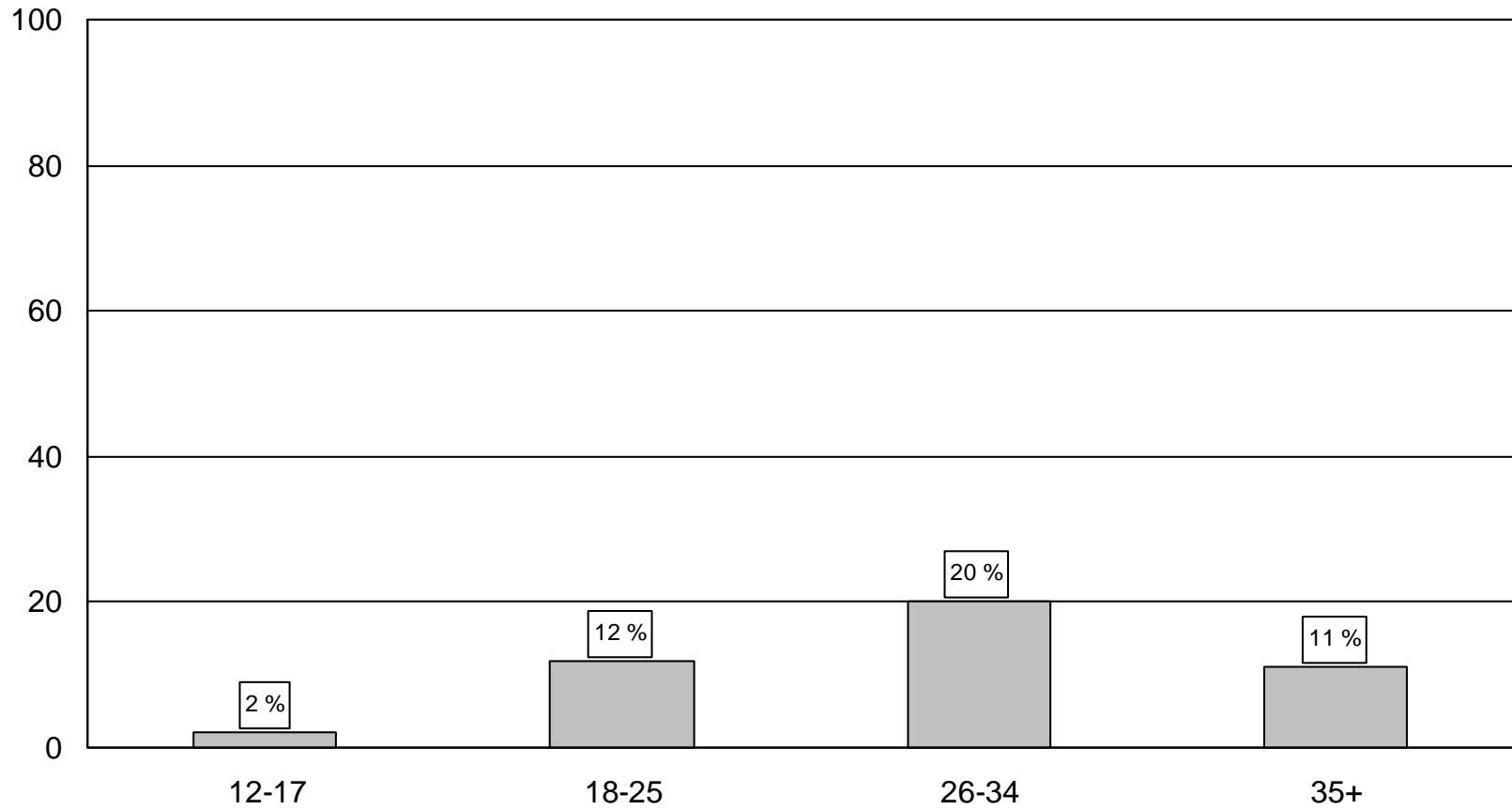
# Past-Year Cocaine Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 15, Page 47, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

## Lifetime Cocaine Use by Age (NHSDA;1998)



SOURCE: NHSDA (White Respondents)

Module 48, Slide 16, Page 47, *Patterns of Substance Use Among Minority Youth in the United States: An Overview and Synthesis of National Survey Findings.*

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