

Applying the Healthy People 2010 Framework to a Hospital-Based Community Health Assessment

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SSRC



Project Background

- Partnership of university and hospital-based researchers
- Rural Health Safety and Security Institute, Social Science Research Center, Mississippi State University
- NMHS catchments area: over 650,000 people in 22 counties through northeast Mississippi and northwest Alabama

Purpose of Project

- An assessment of the health status, utilization of health services, health beliefs, and satisfaction with health care services
- Information on health behaviors and beliefs that direct and guide actions
- A yardstick with which future programs may be evaluated

Healthy People 2010 Framework

- Allows comparisons of NMHS service area to Mississippi and the Nation
- National commitment to 2010 objectives
- Common cornerstone for planning and evaluation with federal agencies

Methods

- A random-digit-dialing telephone survey collected primary data from adults in the NMHS catchments area during the Spring of 2001
- The BRFSS provided state-level estimates and national medians
- Application of state and national secondary data to provide context for survey findings

Sample Characteristics

- NMHS Area
- N = 813
- Males (48%) & Females (52%)
- White (73%) & Black (25%)
- Lee County
- N = 405
- Males (48%) & Females (52%)
- White (74%) & Black (23%)

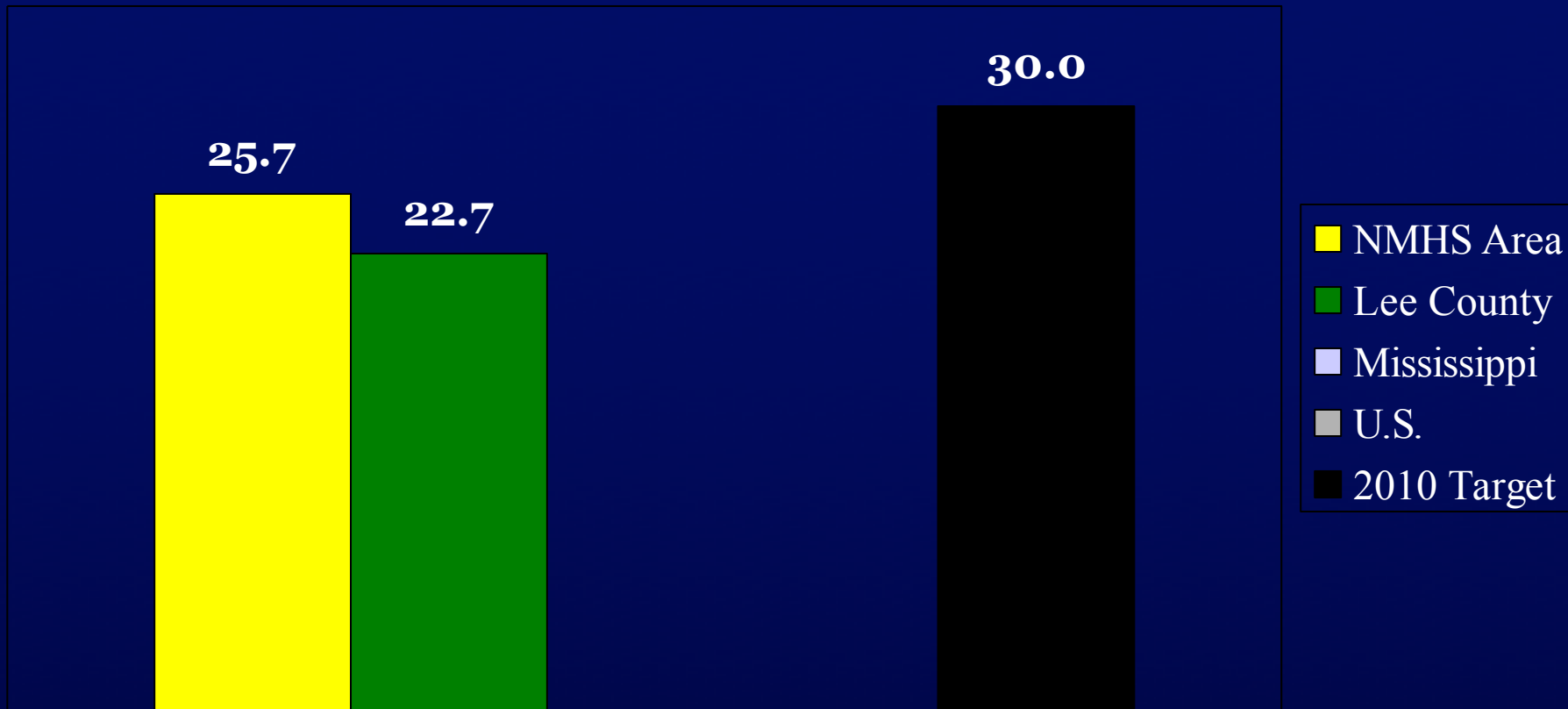
Results

- Healthy People 2010, 10 Leading Health Indicators
- Risk Factors
- Clinical Prevention Screenings
- Health Status
- Access to Health Care
- Satisfaction with Health Care
- Health Communication
- Community Involvement
- Sex Specific Health Issues

Ten Leading Health Indicators

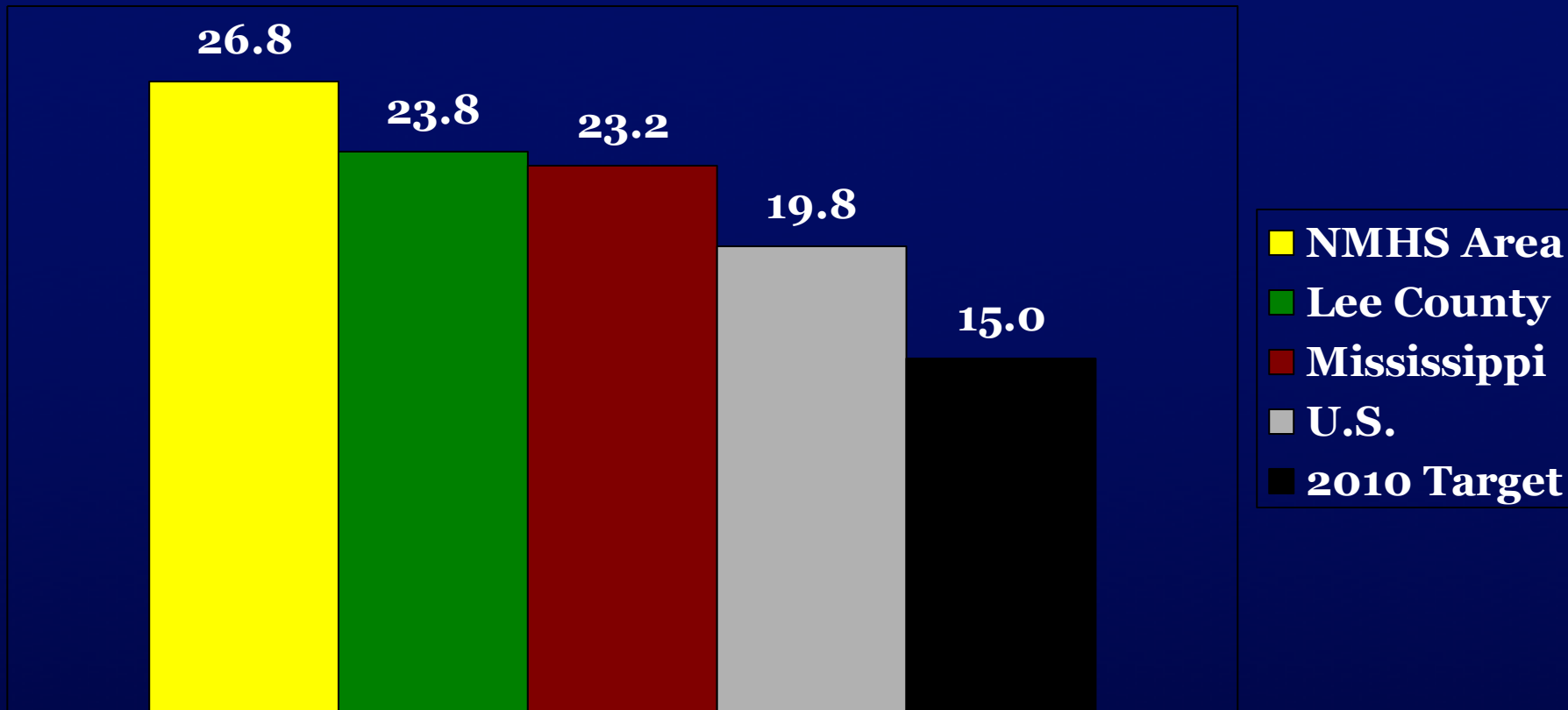
1. Physical Activity

Exercised for at least 20 minutes, 5 or more times in the past week

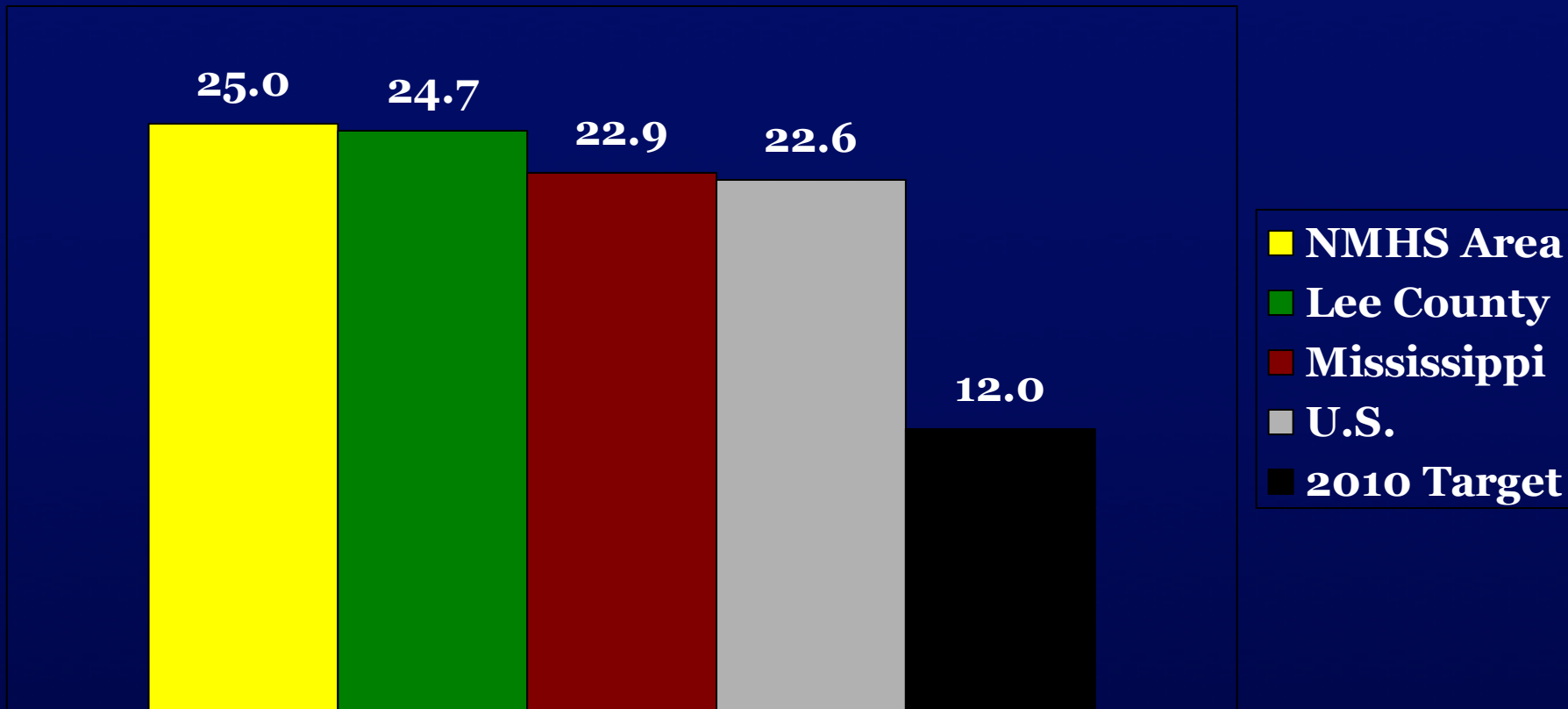


2. Obesity

BMI is greater than 29.9

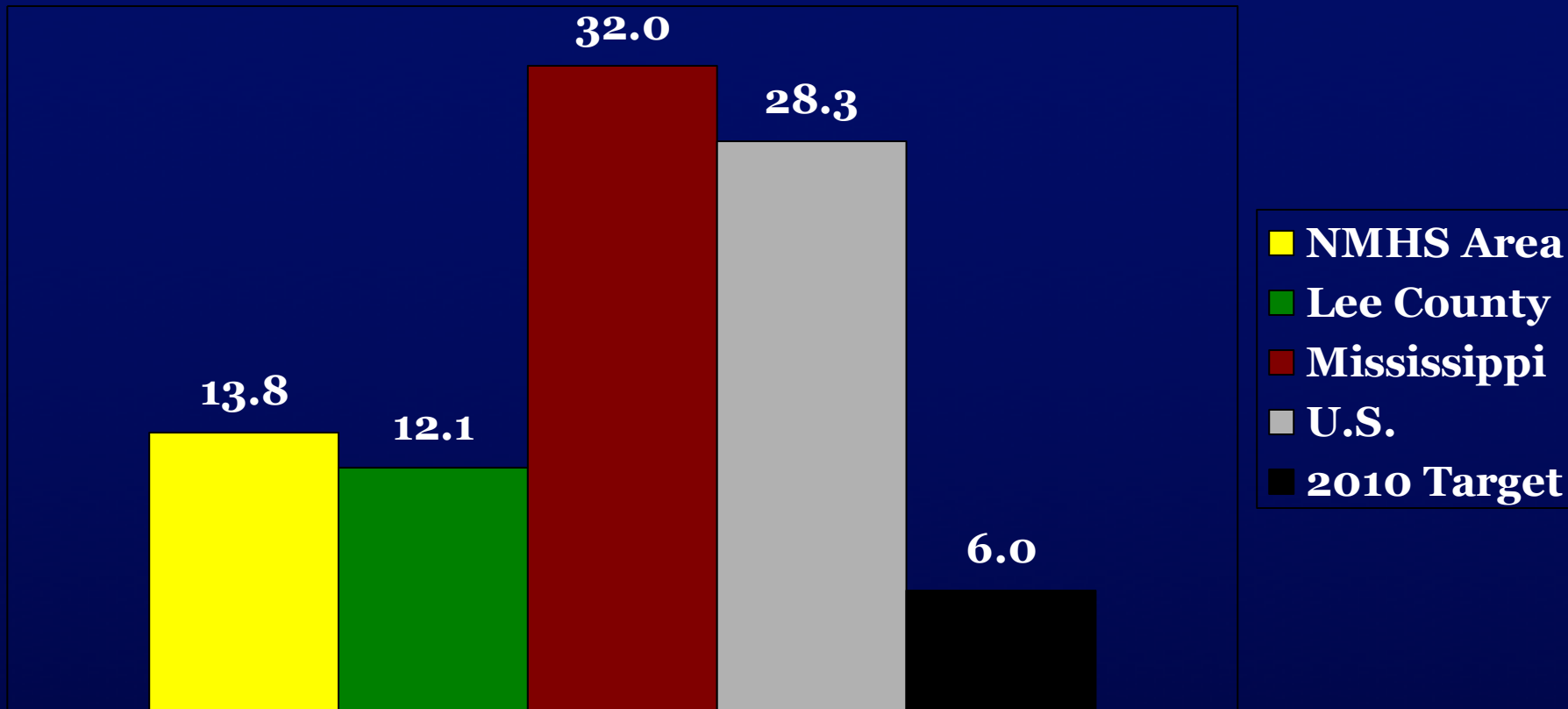


3. Tobacco use Adult Current Smokers



4. Substance Use

Adult Binge Drinkers



5. Responsible Sexual Behavior

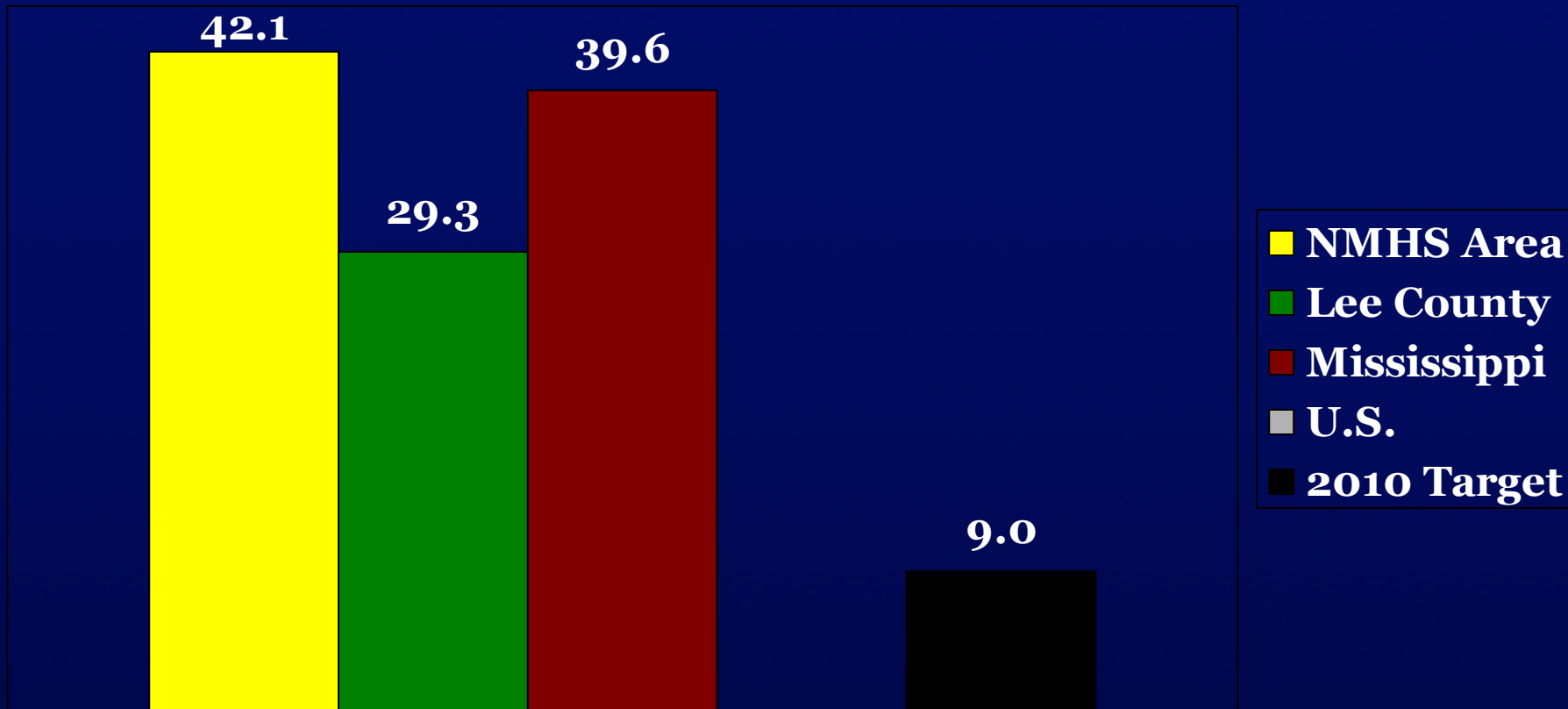
No measures

6. Mental Health

**Measure not compatible with
Leading Health Indicator**

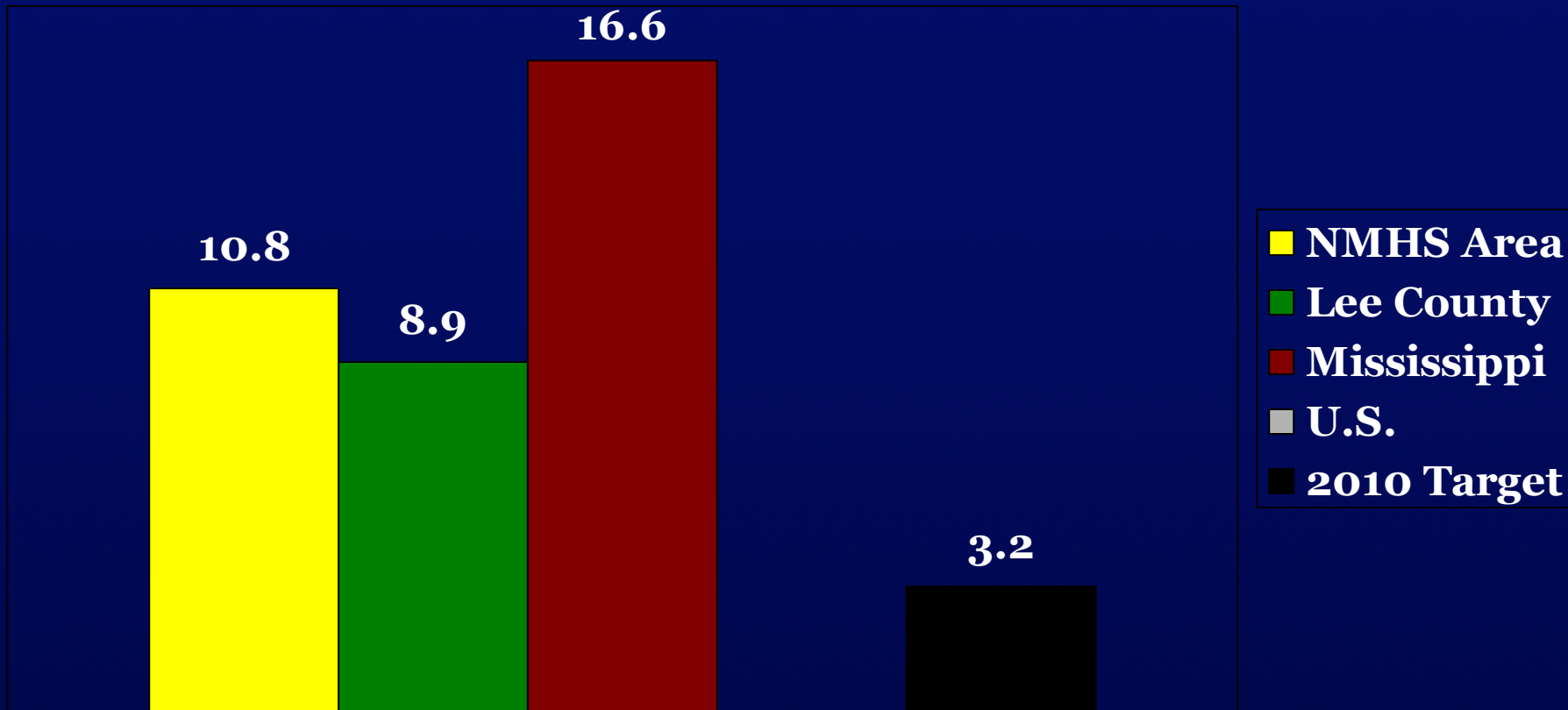
7. Injury and Violence

Motor Vehicle Injuries, 1993-97



7. Injury and Violence

Homicide, 1993-97

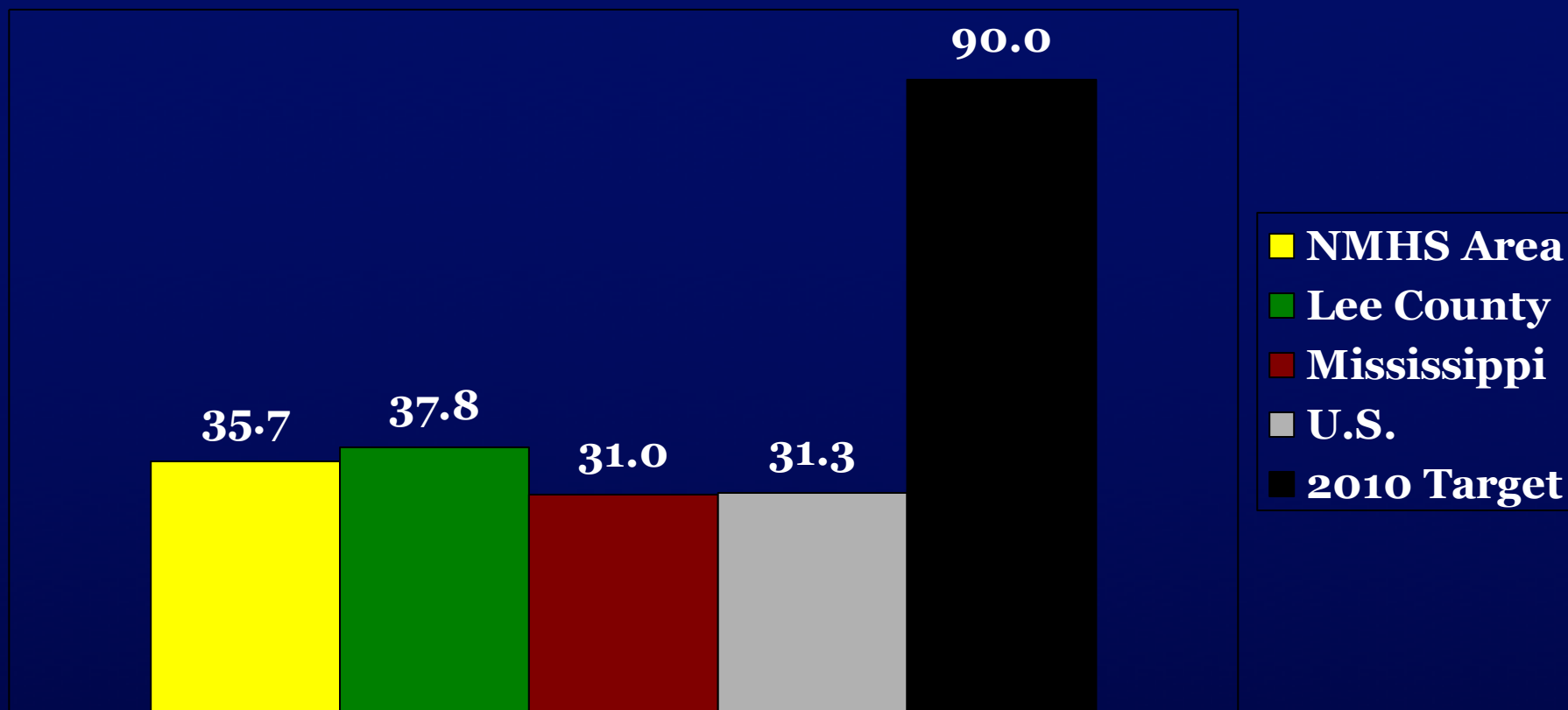


8. Environmental Quality

No Measures

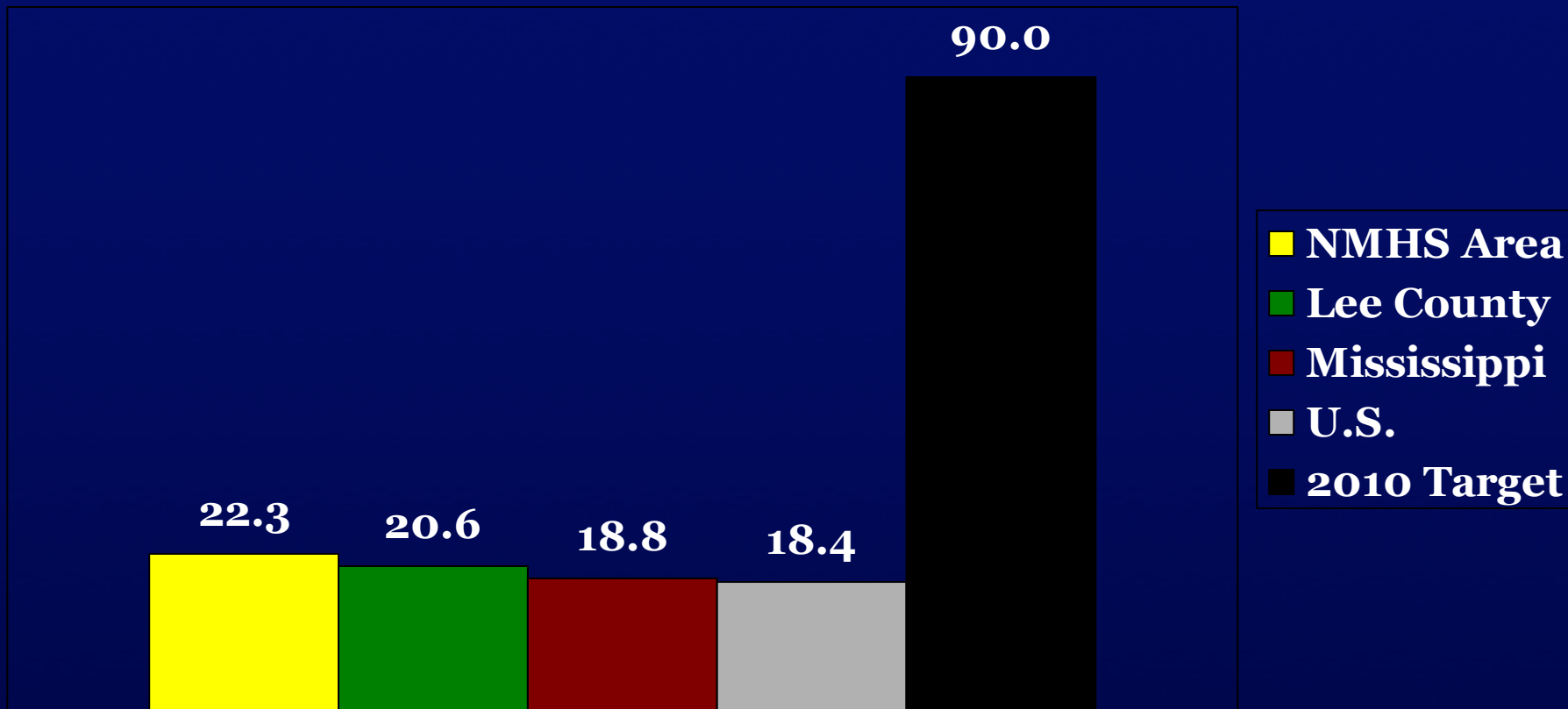
9. Immunization

Adults ages 65 or older who received influenza vaccination



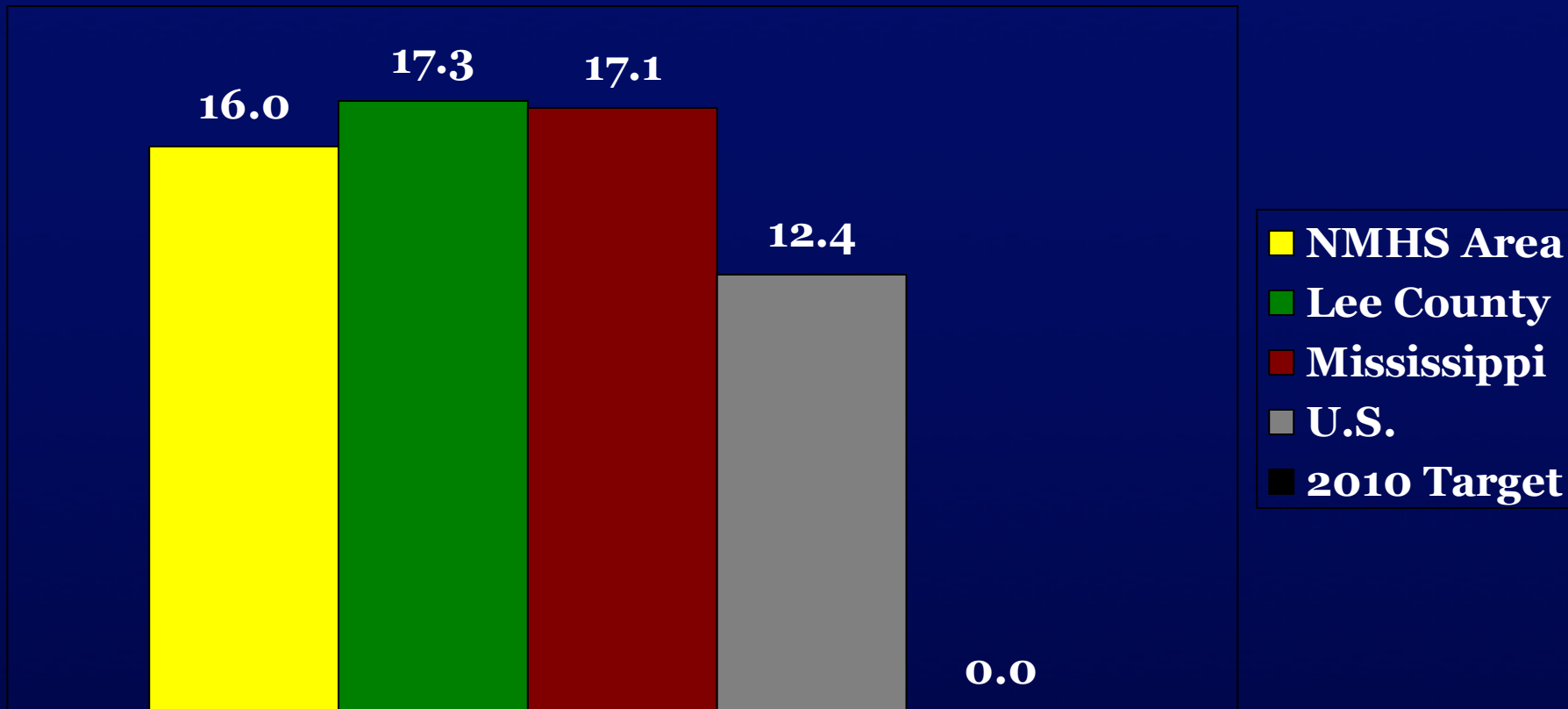
9. Immunization

Adults ages 65 or older who received pneumonia vaccination



10. Access to Health Care

Adults without Health Care



The NMHS Catchment Area Compared to Mississippi and the Nation

A Step Behind

- Poor overall health status
- Adults who report that they could not afford health care
- Overweight adults & obese adults
- Bicycle helmet use among children
- Dental visit in the past year
- Blood stool test in the past year
- Breast exam in the past year
- Pap smear in the past year

A Step Ahead

- Adult smokers who have attempted to quit within the past year
- Binge drinking in the past month

Applications of These Data

- Snapshot of the catchments area
- Identify priority areas, as well as community resources that can be tapped to address these areas
- Starting place for developing strategies for health improvement

