LIST OF TABLES AND FIGURES

CHAPTER 1. INTRODUCTION AND OVERVIEW OF THE REPORT

Figure 1.1  Past Month Rates of Substance Use Among People Aged 12 or Older: Percentages, 2002-2014, 2014 National Survey on Drug Use and Health (NSDUH)  1-2
Table 1.1  Categories and Examples of Substances  1-5
Table 1.2  Past Year Substance Use, Past Year Initiation of Substance Use, and Met Diagnostic Criteria for a Substance Use Disorder in the Past Year Among Persons Aged 12 Years or Older for Specific Substances: Numbers in Millions and Percentages, 2015 National Survey on Drug Use and Health (NSDUH)  1-9
Figure 1.2  Trends in Binge Drinking and Past 30-Day Use of Illicit Drugs among Persons Aged 12 Years or Older, 2014 National Survey on Drug Use and Health (NSDUH)  1-10
Table 1.3  Past Year Alcohol Use, Past Month Binge Alcohol Use, and Met Diagnostic Criteria for a Substance Use Disorder in the Past Year Among Persons Aged 12 Years or Older: Numbers in Millions and Percentages, 2015 National Survey on Drug Use and Health (NSDUH)  1-11
Table 1.4  Past Year Substance Use, Past 30-Day Illicit Drug Use, and Met Diagnostic Criteria for a Substance Use Disorder in the Past Year Among Persons Aged 12 Years or Older: Numbers in Millions and Percentages, 2015 National Survey on Drug Use and Health (NSDUH)  1-11
Table 1.5  Criteria for Diagnosing Substance Use Disorders  1-17

CHAPTER 2. THE NEUROBIOLOGY OF SUBSTANCE USE, MISUSE, AND ADDICTION

Figure 2.1  A Neuron and its Parts  2-4
Figure 2.2  Areas of the Human Brain that Are Especially Important in Addiction  2-5
Figure 2.3  The Three Stages of the Addiction Cycle and the Brain Regions Associated with Them  2-7
LIST OF TABLES AND FIGURES

Figure 2.4  The Binge/Intoxication Stage and the Basal Ganglia  2-9
Figure 2.5  Actions of Addictive Substances on the Brain  2-10
Figure 2.6  Major Neurotransmitter Systems Implicated in the Neuroadaptations Associated with the Binge/Intoxication Stage of Addiction  2-11
Figure 2.7  The Withdrawal/Negative Affect Stage and the Extended Amygdala  2-13
Figure 2.8  Time-Related Decrease in Dopamine Released in the Brain of a Cocaine User  2-14
Figure 2.9  Major Neurotransmitter Systems Implicated in the Neuroadaptations Associated with the Withdrawal/Negative Affect Stage of Addiction  2-15
Figure 2.10  The Preoccupation/Anticipation Stage and the Prefrontal Cortex  2-16
Figure 2.11  Major Neurotransmitter Systems Implicated in the Neuroadaptations Associated with the Preoccupation/Anticipation Stage of Addiction  2-17

CHAPTER 3. PREVENTION PROGRAMS AND POLICIES

Figure 3.1  Past-Month Alcohol Use, Binge Alcohol Use, and Marijuana Use, by Age: Percentages, 2015 National Survey on Drug and Health (NSDUH)  3-3
Table 3.1  Risk Factors for Adolescent and Young Adult Substance Use  3-5
Table 3.2  Protective Factors for Adolescent and Young Adult Substance Use  3-6
Table 3.3  Cost-Benefit of EBIs Reviewed by the Washington State Institute for Public Policy, 2016  3-14
Figure 3.2  Alcohol- Versus Non-alcohol-related Traffic Deaths, Rate per 100,000, All Ages, United States, 1982-2013  3-19
Figure 3.3  Trends in 2-Week Prevalence of 5 or More Drinks in a Row among 12th Graders, 1980-2015  3-21
Table 3.4  Status of Selected Evidence-Based Strategies in States for Preventing Alcohol Misuse and Related Harms  3-24

CHAPTER 4. EARLY INTERVENTION, TREATMENT, AND MANAGEMENT OF SUBSTANCE USE DISORDERS

Figure 4.1  Substance Use Status and Substance Use Care Continuum  4-4
Table 4.1  Evidence-Based Screening Tools for Substance Use  4-7
Table 4.2  Principles of Effective Treatment for Substance Use Disorders  4-14
Table 4.3  Detailed Information on Substance Use Disorder Assessment Tools  4-16
Table 4.4  Pharmacotherapies Used to Treat Alcohol and Opioid Use Disorders  4-19
Table 4.5  Examples of Technology-Assisted Interventions  4-33
CHAPTER 6. HEALTH CARE SYSTEMS AND SUBSTANCE USE DISORDERS

Figure 6.1  Substance Use Disorders Services: Past and Future  6-8
Figure 6.2  A Continuum of Collaboration between Health Care and Specialty Services  6-14
Figure 6.3  Eligibility for Affordable Care Act Coverage Among the Nonelderly Uninsured by Race and Ethnicity, as of 2015  6-16
Figure 6.4  Percentage Distribution of Spending on Substance Misuse Treatment by Setting, 1986–2014  6-24

APPENDIX B. EVIDENCE-BASED PREVENTION PROGRAMS AND POLICIES

Table B.1  Evidence-Based Interventions for Children Under Age 10  17
Table B.2  Evidence-Based Interventions for Youth Aged 10 to 18  20
Table B.3  Evidence-Based Interventions for Age 18+  27
Table B.4  Evidence-Based Community Implementation Systems/ Coalition Models and Environmental Interventions  29
Table B.5  Community Preventive Services Task Force Recommendations for Preventing Alcohol Misuse  32