Contents

1 Executive Summary 1

Root Causes 1 Necessary Preconditions 2 Individual Factors 9 Community Contexts 15 policy Options **18**

2 Introduction 23

Root Causes 25 What Are Substance Abuse and Addiction? 25 Magnitude of the Problem 34 Measuring Substance Use and Abuse 35 Organization and Scope of the Report **38**

Part 1: Necessary Preconditions 41

3 Biology and Pharmacology 43

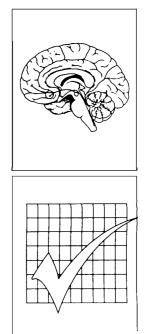
Drug Action 44 Genetic Factors 50 Role of Learning 55 Summary 55

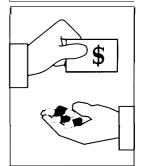
4 Availability 57

Availability 57 Are Drugs Readily Available? 62 Marketing 63 Summary 69

5 Substance Use and Transitions to Abuse and Addiction 71

Substance Use 72 Stages in the Initiation of Use 74 Stages in the Cycle of Use, Abuse, and Addiction 76 Stages in Problem Behaviors 77 Key Aspects of Use 78 Summary 80





Part II: Individual Factors 81

6 Individual Risk and Protective Factors 83

Demographics 65 Economics 105 Psychosocial/Behavioral **110** Summary **118**

Part III: Activity Settings 119

7 Ethnographic Drug Studies 121

Ethnographic Studies of Alcohol and Other Drug Use 121 Social Context of Drug Use 125 Poverty, Racism, and Cycle of Abuse 129 Future Research 132 Summary 133

8 Community Activity Settings 135

Homes and Families 137 Schools and Peers 145 Workplaces 153 Recreational Settings 157 Planning, Implementing, and Evaluating Community-wide Programs 161 Summary 163

9 Policy Options 165

Federal Focus and Prevention Program Structure **166** Research Needs 170 Community Activity Settings 172 Availability 175

APPENDICES

- A Drug Control Policy in the United States: Historical Perspectives 177
- B Federal Programs: Prevention and Causation 164
- C Perspectives on Defining Substance Abuse 194
- D List of Contracts 200
- E List of Workshops and Participants 202
- F Acknowledgments 206
- G References 210
- **INDEX 236**