

# Contents

<i>Chapter</i>	<i>Page</i>
1. Summary . . . . .	3
Overview . . . . .	3
The Allure of High-Technology Development . . . . .	4
Common High-Technology Initiatives . . . . .	5
Factors That Contribute to Success . . . . .	7
2. State Government Initiatives . . . . .	11
Summary . . . . .	11
Introduction . . . . .	12
Program Design and Operation . . . . .	14
Program Effectiveness and Impacts . . . . .	20
3. University Initiatives . . . . .	27
Summary . . . . .	27
Introduction . . . . .	28
University-Based Programs . . . . .	29
State Government Involvement . . . . .	33
Conditions That Foster Success . . . . .	34
4. Local Initiatives . . . . .	39
Summary . . . . .	39
Introduction . . . . .	40
Community Typology . . . . .	40
Common Initiatives . . . . .	44
Program Design and Effectiveness . . . . .	46
Factors Affecting Success . . . . .	48
5. Private Sector Initiatives . . . . . 4 . . . . .	53
Summary . . . . .	53
Introduction . . . . .	53
Private Sector Roles and Initiatives . . . . .	55
Factors Affecting Success . . . . .	63
Appendix A—Descriptions of Local High-Technology Initiatives. . .	67
Appendix B—Index of Initiatives Cited in This Background Paper.	91

## Tables

<i>Table No.</i>	<i>Page</i>
1. State High-Technology Programs by Type. . . . .	13
2. Distribution of Survey Respondents by State . . . . .	14
3. Targeted High-Technology Industries and Business Activities in the Survey States	15
4 <sub>0</sub> High-Technology Development Programs in the Survey States, by Type . . .	17
5. Number of Programs Providing Specific Services in Survey States . . . . .	18
6. Additional High-Technology Initiatives Desired . . . . .	21
7. Employment in the Survey States, 1980. . . . .	23
8. Employment Change in Survey States, 1975-80 . . . . .	24