

TABLE OF CONTENTS

INTRODUCTION 8

ECONOMIC REGION 24

- Economic Development 26
- Economic Infrastructure: Post-Secondary Education, Child Care, Workforce & Telecommunications 31
- Energy 36

SOCIAL REGION 44

- Infrastructure: Education, Libraries & Recreation Facilities 45
- Housing 50
- Community Health 57

PHYSICAL REGION 63

- Transportation 64
- Natural & Cultural Resources 76
- Land Use 88
- All-Hazards Disaster Resilience 99
- Infrastructure: Water Supply, Wastewater, Stormwater & Solid Waste 109

APPENDICES 114

- Appendix I, Definitions 114
- Appendix II, Northwest Energy Plan 118

LIST OF TABLES

INTRODUCTION

Table 1: Population Change 1990 - 2010	13
Table 2: Social and Economic Growth Trends	14
Table 3: Implementation	16

ECONOMIC REGION

Table 1: Community Meetings - Economic Region Key Themes	24
Table 2: The Regional Economy	27
Table 3: The Working Landscape Economy	28
Table 4: Six-Year Dropout Rate Status in Franklin County	32
Table 5: Education Attainment	33
Table 6: Estimated Need and Supply of Child-Care Services in the Region	33
Table 7: Northwest Regional Energy Plan Outline	37

SOCIAL REGION

Table 1: Community Meetings - Social Region Key Themes	44
Table 2: At a Glance - Education	45
Table 3: Median Price of Primary Residences Sold	54
Table 4: Housing Affordability in the Region	55
Table 5: Percentage of Adult Population Reporting Poor Mental Health	60

PHYSICAL REGION

Table 1: Community Meetings - Physical Region Key Themes	63
Table 2: Highway Sufficiency Ratings of Interstate and State Highways in the Region	65
Table 3: Sidewalk Locations in the Region	68
Table 4: Implementation Policies for Complete Streets	71
Table 5: Surface Water Threats	80
Table 6: State Designations	90
Table 7: Relative Risk	101
Table 8: Federal Disaster Declarations in the Region	101
Table 9: Structures Identified Within Flood Zones (Approximate)	102
Table 10: Tropical Storm Impact	103

APPENDIX I

Table 1: Substantial Regional Impact Threshold Within Regional Growth Areas: Housing Units	116
Table 2: Substantial Regional Impact Threshold Outside of Regional Growth Areas: Housing Units	116

LIST OF FIGURES

INTRODUCTION

Figure 1: Community Meeting Themes	10
Figure 2: Physiographic Regions	12
Figure 3: Housing and Transportation Costs	15
Figure 4: NRPC at Work	20
Figure 5: Vermont Planning Goals	23

ECONOMIC REGION

Figure 1: Educational Attainment - Residents Age 25+ Franklin & Grand Isle Counties, VT	31
Table 2: State and Greenhouse Gas Emission Goals	37
Table 3: Regional Generation Capacity	38
Table 4: Projected Energy Needs	39
Table 5: Generation Targets	39

SOCIAL REGION

Figure 1: Achievement Gap Between Students Who Receive Free/ Reduced Cost Lunch and Those Who Do Not	46
Figure 2: Change in Households From 2000-2010	50
Figure 3: Percent Change in Total Households	51
Figure 4: Age Distribution - Grand Isle County	51
Figure 5: Age Distribution - Franklin County	52
Figure 6: Ownership Verses Rental	52
Figure 7: Type of Housing	53
Figure 8: Trends in Housing	53
Figure 9: Median Sale Price of Primary Residences (2013)	54
Figure 10: Percentage of Residents with Chronic Disease (2010)	57
Figure 11: Adult Obesity Rate	57
Figure 12: Youth Obesity Rate in 9 th - 12 th Grade	58
Figure 13: Adult Healthy Eating	58
Figure 14: Youth Eating 2+ Servings of Fruit Daily	58
Figure 15: Number of People in Franklin and Grand Isle Counties Treated for Substance Abuse	59
Figure 16: Binge Drinking in High School	59
Figure 17: Alcohol Use in High School	59
Figure 18: Percentage of Adults Smoking	59

PHYSICAL REGION

Figure 1: Northwest Region Highways	64
Figure 2: Northwest Region Railroads	66
Figure 3: GMTA Shuttle Routes	67
Figure 4: Northwest Region Park & Ride Lots	69

Figure 5: Northwest Region Workers 70
Figure 6: Northwest Region Watersheds 79
Figure 7: Northwest Region Farms 90
Figure 8: Northwest Regional Growth Area 96
Figure 9: The Four Phases of Emergency Management 99
Figure 10: Regional Municipal Sewer and Water Systems 110

LIST OF MAPS

INTRODUCTION

Map 1: Northwest Region Base Map 9

SOCIAL REGION

Map 1: Northwest Region Facilities 47
Map 2: Northwest Region Trails 48

PHYSICAL REGION

Map 1: Agricultural and Forestry Soils 78
Map 2: Targeted Impaired Areas 81
Map 3: Water Resources 82
Map 4: Conserved Land 84
Map 5: Wildlife Habitat 85
Map 6: Current Land Use 88
Map 7: State Designated Growth Center, Downtown & Villages 89
Map 8: Proposed Land Use 93
Map 9: Northwest Region Designated Regional & Sub-Regional Growth Areas 95