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Changing Maine, 1960-2010: Teaching Guide

Richard Barringer
University of Southern Maine

New England Environmental Finance Center

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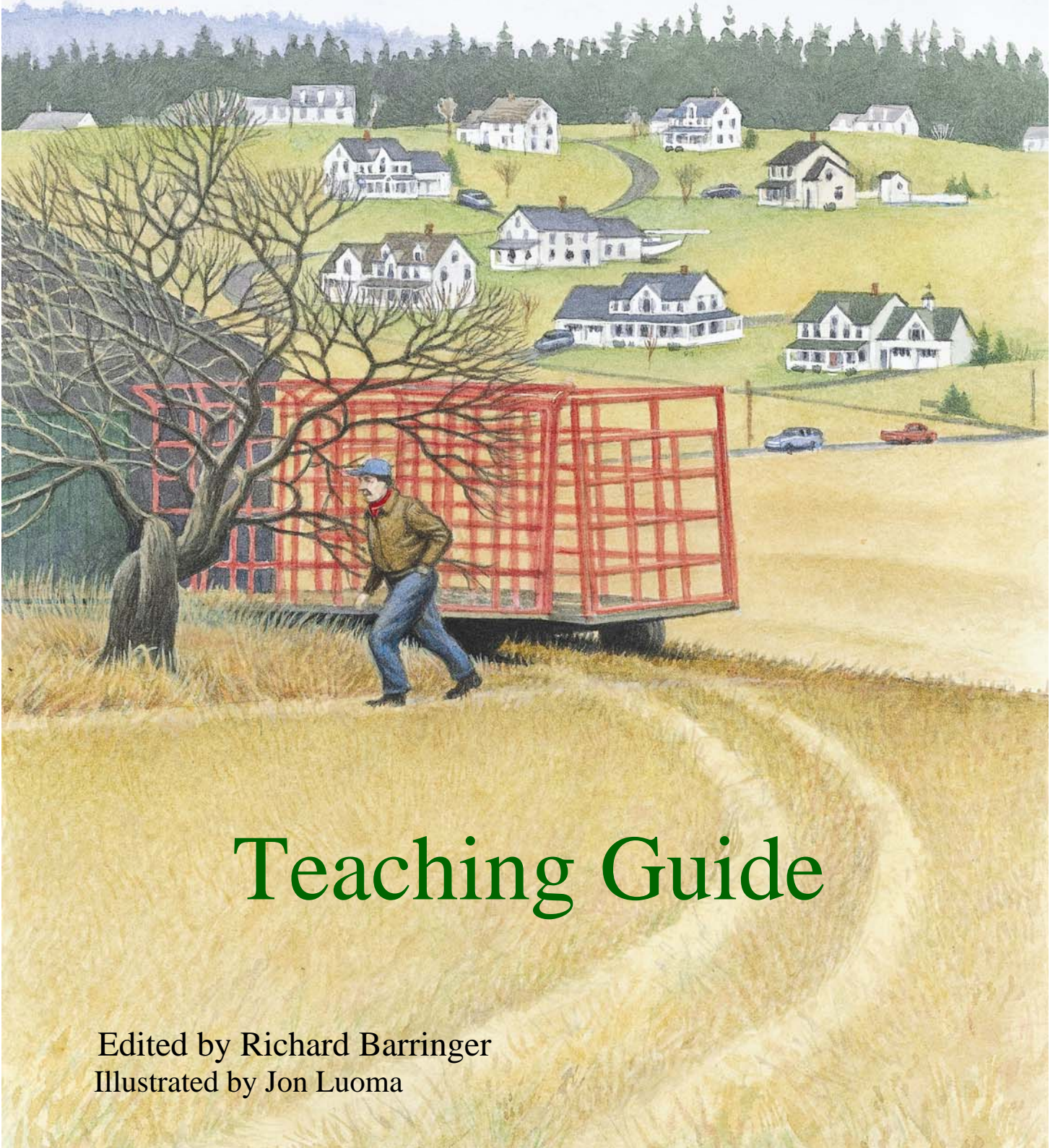
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CHANGING MAINE

1960 – 2010



Teaching Guide

Edited by Richard Barringer

Illustrated by Jon Luoma

Changing Maine, 1960-2010

Teaching Guide

Edited by Richard Barringer

Illustrated by Jon Luoma

With contributions by each of the authors

And a new essay by Catherine Reilly, Maine State
Economist

New England Environmental Finance Center
Muskie School of Public Service
University of Southern Maine
49 Exeter Street
Portland ME 04104-9300
efc.muskie.usm.maine.edu



Contents

Preface	4
Introduction	5
The Economy in Motion, by Catherine Reilly	8
Maine Transformed: An Introduction, by Richard Barringer	13
Toward Greater Economic Viability	
1. Demography and Maine’s Destiny, by Sherwood & Mageean	15
2. Maine’s Changing Economy, by Charles Colgan	16
3. Being Poor in Maine, by Lisa Pohlman	18
4. Housing for a Changing Maine, by Frank O’Hara	20
5. Health Policy in Maine, by Elizabeth Kilbreth	22
6. K-12 Education in Maine, by David Silvernail	23
7. Higher Education for All, by Terrence MacTaggart	25
8. Maine Tax Policy, by Peter Mills	27
Toward Greater Community Vitality	
9. Governing Maine, by Kenneth Palmer	30
10. Maine’s Civil Society, by Mark Lapping	32
11. Land Use in Maine, by Evan Richert	33
12. Maine Arts and Culture, by Alden Wilson	35
13. Maine’s New “Third Sector,” by Dahlia Lynn	37
14. Maine Women’s Changing Roles, by Marli Weiner	38
15. Native American in Maine, by Barry Dana	40
16. Electoral Politics in Maine, by Christian Potholm	41
Toward Greater Ecological Integrity	
17. The Law and Maine’s Environment, by Orlando Delogu	44
18. Maine Energy Policy, by Cheryl Harrington	45
19. Maine’s Forest Industry, by Lloyd Irland	47
20. Maine Agriculture, by Stewart Smith	48
21. Maine’s Fisheries, by James Wilson	50
22. Tourism in Maine’s Expanding Service Economy, by D. Vail	52
Index to <i>Changing Maine, 1960-2010</i>	54



Preface

With all our various backgrounds and life experiences, the contributors to *Changing Maine, 1960-2010* share a number of convictions that have motivated us throughout the creation of the book, the broadcast lecture series that preceded it, and now here, in this *Teaching Guide*. These include, first,

- that the Maine we love has come into a *new political-economic era*, one that requires of us new ways of thinking, of understanding ourselves and the world about us; second,
- that *ideas make a difference* in the course of events, by shaping the ways we understand ourselves, our times, and our world, its meanings and its possibilities; and, finally,
- that, in a democracy, *civic dialogue* and penetrating discourse are among the best tests we have of the truth of these ideas.

We have created the *Teaching Guide* in the hope that it will stimulate conversation around the challenges facing Maine, and the ideas we offer in *Changing Maine, 1960-2010*. It is our fond wish that it may lead teachers and students of Maine studies and history, and leaders and members of public discussion groups, to a deep appreciation of the abiding strengths and complexities of Maine culture; to a useful understanding of the challenges and opportunities we face; and to an effective grasp of the mind-set, or “narrative,” that will guide us through turbulent times.

As editor of the *Teaching Guide*, I am deeply grateful to each of the authors of *Changing Maine, 1960-2010* for their continuing contributions here; to Catherine (Kate) Reilly for her insightful, introductory essay; to Jon Luoma of Alna, for use once again of his cover drawing and fine illustrations; to Margery Niblock of Portland for the robust index she has created to the book; to actress, activist, and former student Tessy Seward for her creation of the chapter abstracts; to Tom Wood and Sam Merrill of the Muskie School of Public Service for their continuing assistance with this project; to the U.S. Environmental Protection Agency and its stalwarts, Rosemary Monahan and Diane Gould, for their financial and moral support; to colleague Richard Barnes of USM’s College of Education and Human Development for his encouragement and support; and, especially, to teachers of Maine history and studies, David Cook, Stephanie Doane, Larry Dyhrberg, Margie Fahey, Brian Payne, Caitlin Ruthman, Ted Sharp, Carol Toner, and Karl Trautman., for their guidance early on. Thank you, one and all, and may you find the result worthy of your effort!

R.E.B.
July 2006



Introduction

Unlike forty years ago, none of us is now certain what the future holds for Maine – except that it *will* be different. Maine has been transformed by the events of the recent decades. We have come into a new world, a new time – a new historical era, if you will. This new era, like previous eras in Maine history, will require of us new ways of thinking, new ways of understanding, new ways of organizing ourselves as a community of people, if the values and culture we share and cherish are to endure and flourish.

The *Teaching Guide to Changing Maine, 1960-2010* has been created for use in advanced placement (AP) high school, community college, and college classes, and in public discussion groups. The goals of the *Teaching Guide* are three-fold:

- to encourage *civic engagement* and discourse around challenging issues for Maine’s future, and the connections among them;
- to deepen *understanding* of where Maine is today, how we came to this place, and what are the choices before us as a community of people; and
- to stimulate critical thinking about the issues addressed here, and further research into their causes, effects, and cures.

Understanding differs from knowledge and skill, and requires both. *Changing Maine, 1960-2010* conveys knowledge in abundance, and requires a certain set of skills to master its content. What we seek in this *Teaching Guide* is to further the understanding that we in Maine have come to a wholly new place, one that asks much of us as a community of people; and that the best way forward is to be found in conversation about where we are, how we got here, what our choices are, and what values will guide us in making them.

We begin from the proposition that the past is an ever-present guide to our future; with re-thinking what we thought we knew and understood about Maine; and with questioning recent history in order to preserve the best in ourselves and in this place we share and love. Not that the answers we seek are clear or absolute; but that by asking the right questions, a journey will begin, and our commitment to one another will sustain the journey.

The *Teaching Guide* includes:

- a new essay on the history of economic development in Maine by State Economist Catherine (Kate) Reilly. This is followed by an abstract of her essay; a list of the “important ideas” it offers; a set of “essential questions” to probe these ideas in discussion; and a list of suggested, follow-on readings;
- similarly, for the Introduction and each chapter of *Changing Maine, 1960-2010*, an abstract of its content; a list of the “important ideas” the author believes it offers; a set of

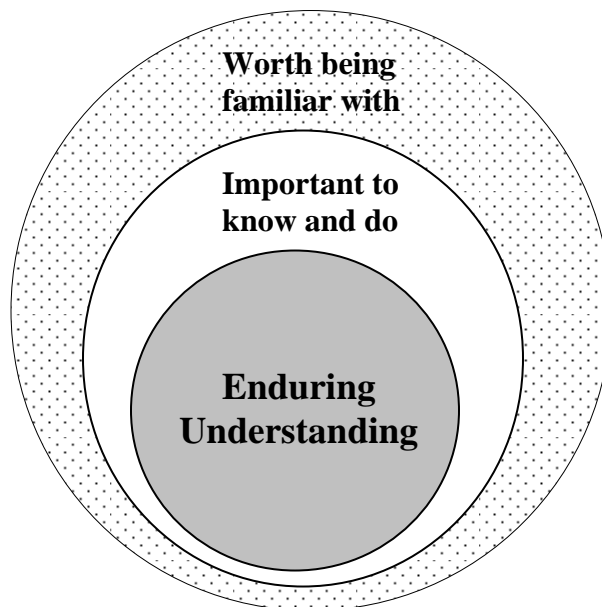
“essential questions” to probe these ideas in conversation; and a list of suggested, follow-on readings. The readings are designed both for general interest and as a basis for further research into the important ideas; and, finally,

- a robust index to *Changing Maine, 1960-2010*, created since its publication.

Following the framework for understanding offered by educators Grant Wiggins and Jay McTighe,¹ we try for each chapter to pose questions that:

- go to the heart of the matter at hand;
- raise other important questions;
- have no one “right” answer; and
- are framed to provoke and sustain interest.

In Wiggins and McTighe’s terms, the understanding we seek is embedded or “nested” deep within knowledge and skills, as shown here, in their diagram:



Within the outer ring is general knowledge that is worth being familiar with – knowledge that is useful but not essential to master – as, for example, in the realm of civics, the various forms of democratic governance in practice today. In the middle ring are the important knowledge and skills needed for mastery of essential tasks and performances – as, where, when, and how to vote.

¹ See their Understanding by Design, Prentice-Hall Inc., Upper River NJ, 1998; and The Understanding by Design Handbook, Association for Supervision and Curriculum Development, Alexandria VA, 1999.

The inner ring contains knowledge of the larger purposes for learning the subject matter – the “big ideas” and important understandings that will be retained after many of the details are forgotten. Again in the civic realm, this is the *why* of voting, the meaning of democracy, and the purpose and role of democratic institutions in society. Wiggins and McTighe define material worth *enduring* understanding as:

- being at the heart of the discipline,
- needing “uncoverage” through exploration, and
- being potentially engaging.

The questions that may lead to enduring understanding are what they term the *essential* questions.

For our present purposes, we recommend discussion of any or all of the questions offered by the author of each chapter, as a basis for reaching understanding of its most meaningful content. This conversation may be preceded, in the first instance, by discussion of the “rules of discourse” the discussants wish to abide, to get the greatest possible value from their effort. Recording and posting these rules will be a helpful reminder to all throughout the course of the dialogue.

In the course of discussing the questions for a chapter, it is fruitful to list the learning’s that are cited and then, collectively, to assign them to Wiggins and McTighe’s three categories of knowledge – that is,

- worth being familiar with,
- important to know and do, or
- of *enduring* understanding – the “big ideas,” the implications of which may be discussed in greater depth and detail for their full meaning and import, and as a basis for thoughtful action.

To use the example cited above, such a discussion of the *why* of voting might lead discussants to be more deeply appreciative of the enduring power of the franchise, more passionately committed to participatory democracy, and more deeply engaged in the policy choices affecting their lives.

Comments on the *Teaching Guide* and suggestions for its improvement will be welcome at neefc@usm.maine.edu



The Economy in Motion: Maine's Emerging Future²

by Catherine Reilly

In March 2006, people of Maine's Katahdin region gathered for an economic summit at their new higher education center in East Millinocket. Their goal was to plan the economic future of their community in the wake of two decades of shrinking job opportunities – no simple task. I was invited to talk about the economic state of rural Maine and its prospects for the future. I began, as economists must, with people and places.

Maine is an independent state. On a map, it juts out stubbornly from the rest of the country, into Atlantic Canada. Our work ethic and natural surroundings distinguish us, too. It is tempting to think that our challenges are also unique. In reality, many of them – the decline of manufacturing, youth migration, an aging workforce – confront many other states, as well. Maine is part of a structural economic evolution that is reshaping every rural state and, indeed, the global economy.

The Past: Farming and Manufacturing Sustain Early Economies. Rural America's story since European settlement begins with agriculture and manufacturing. A century ago nearly two-thirds of American workers were employed in farming or manufacturing, and roughly the same proportion lived in rural areas. Today, less than 13% of Americans work in those industries, and about 21% live in rural places. Rural America thrived when agriculture and manufacturing ruled the national economy. Why is today's service-based economy so different? Why do urban places seem to be getting a larger piece of the pie, while many rural places get a smaller piece?

The answer begins with agriculture. Farming once relied on large amounts of relatively unskilled, manual labor, which spurred population growth in rural areas. From 1860 to 1910, Aroostook was Maine's fastest growing county; by 1910, it was Maine's third most populous.

Then, new technologies, transportation improvements, and the opening of farmland in the mid-west allowed Americans to produce more food using fewer people. A field that once took three people a day to harvest could now be harvested in a few hours by one person and a tractor. Advances in farming made food cheaper, permitting consumers to spend more on things like clothes, furniture, and cars. People who could no longer find work on the farm took to the mills and factories that began producing these consumer goods.

Some manufacturers located in cities, but many built in rural areas where they drew from a surplus of semi-skilled workers, inexpensive land, and abundant waterpower. So, in addition to big manufacturing centers like Lewiston-Auburn and Biddeford-Saco, smaller operations arose in Augusta, Dexter, Skowhegan, Guilford, and Wilton. Some rural towns urbanized with the expansion of manufacturing.

² This essay originally appeared in the [Maine Sunday Telegram](#), Portland ME, April 23, 2006.

Then things changed again. New technology and investments allowed us to manufacture more goods with fewer people. Transportation and communication improvements expanded trade with places with large pools of cheap, low-skilled labor. These changes made goods less expensive. Now consumers had cheap food and cheap goods. They began to spend money on things like haircuts, chiropractors, and braces for their kids' teeth – what we know today as “services.” Today, many people who might have worked years ago in manufacturing find service jobs.

The Present: The Rise of Services Reveals a Rural-Urban Divide. This is where rural and urban places began to have very different experiences. Agriculture and manufacturing can thrive in rural places because producers of goods and their consumers can be far apart. Potatoes can be grown in northern Maine and served in a restaurant in southern Maine. Lobsters can be caught in Washington County and eaten fresh in Miami or Los Angeles. Paper can be made in Millinocket and used around the world.

Most services are different, however; with a few exceptions, the person providing a service and the person using it must be in the same place. So, with greater consumer spending on services, the places that began to grow were those where a critical mass of people created enough demand to make services profitable.

To some people, “services” seems to be a bad word; they think only of jobs at McDonalds and Wal-Mart. This is not an accurate or a fair picture. Many Maine people do very well in service jobs. Teachers, nurses, lawyers, doctors, accountants, merchant mariners, Maine Guides – they are all service providers. Many service jobs pay well, offer good benefits, and require a good deal of skill. Others don't require a great deal of formal training or skill; these don't pay very well and generally offer few if any benefits. Service jobs that require skill tend to end up in places where there are a lot of similarly skilled people, and where customers can afford to pay for high-skill services.

Employers looking for highly skilled workers seek out places with lots of potential employees from whom they may choose; in most cases, these have been urban rather than rural places. As a rule, large companies no longer build operations in rural America that employ large numbers of technically-trained workers. The day has past when mill towns like Millinocket magically emerge from the American wilderness. Today, Aroostook is Maine's fastest shrinking county, and 51% of all Maine employees are in the labor markets surrounding Bangor, Lewiston-Auburn, and Portland (up from 47% in 1990). Increasingly, new economic activity in Maine is concentrated in urban places.

A service-based economy is not inherently worse than one based on raw commodities or manufactured goods. It *is* different, however, in that it highlights disparities in workforce skills and market size in rural versus urban areas. It is these disparities that need to be overcome in Maine, not the economic forces that reveal them.

Defying the Odds Through Comparative Advantage. Rural states like Maine must respond to this challenge on their own. As Richard Barringer has pointed out, the federal government does not have a coherent rural development strategy. Federal rural policy was once land grants, price supports, and direct farm subsidies. Today there is no well-defined national strategy to support rural areas. This contrasts with the clear endorsement of free trade that has created economic opportunities for some but hurt many rural businesses and technically-trained workers.

Meeting this challenge requires rural states like Maine to be resourceful and creative. We will have to seek out and build upon comparative advantage. Moreover, states will have to compete with one another. Like Maine, many rural states are looking for answers in the retirement industry, tourism, and value-added products. Can Maine compete? Yes. Many Maine businesses are flourishing in the new service-based economy, in one of three ways.

The first is developing a new product through a unique idea, resource, or skill – as, companies like Hinckley Yachts, building jet-powered lobster boats, and Cherry Point Products, dehydrating sea cucumbers and shipping them to Japan. Some businesses are capitalizing on unique resources: as, Hancock Lumber, selling sustainably-harvested lumber, and Maine fishermen, harvesting lobster, scallops, and bloodworms. Still others are capitalizing on a unique skill. A Denver-based company has leased the old Bass Shoe factory to make specialized shoes for people with diabetes. It chose Wilton over sites in South Carolina, New Jersey, and Massachusetts, due largely to the presence of former Bass employees with special skills in shoemaking.

A second route for rural business is providing a service that may be used long-distance. This is the call-center model, working in one place with customers in another, and the merchant mariner model, living in one place and working in another. This requires a workforce that can compete nationally and globally. Services that can be provided long-distance are open to competition from around the world – just ask anyone whose customer service call has been answered by someone in India. Maine currently competes in this arena to some degree.

In the summer of 2005, employees at the Defense Finance and Accounting Service Center in Limestone faced losing their jobs because of a Department of Defense plan to consolidate its operations. Fortunately, the federal review panel saw that Limestone employees were providing a quality of service that far surpassed other centers in the nation. The high quality of their work saved their jobs and even convinced the panel to consider hiring 300 more people in Limestone.

The third path for rural businesses is providing a service or good that cannot be used long-distance but that people are willing to travel to consume, like attractions for tourists and retirees. Maine's long history with tourism and the more recent attraction of retirees are testament to the continuing potential of this market.

The Future: Ours to Create. The common thread through all three strategies is the need for skilled people to carry them out. Maine needs people who can identify unique ideas, resources, and skills; people who can provide services at a level that is unsurpassed globally; and people with the creativity to know what services tourists and retirees want, how to provide them, and how to market them. More and more, the opportunities available in rural areas are going to be those created by local residents. Maine has many unique assets that we can draw from, and famously hard working people. Translating these into increased economic opportunities will be up to us.

At the close of their economic summit, the people of the Katahdin region affirmed their commitment to building upon the enduring comparative advantage of their region. Their unique assets of forests and waterpower have supported paper mills for over a century. Now they must support a more diverse array of manufacturing and service businesses. The people of the Katahdin region have taken a first step toward this transition. The future of rural Maine lies in similar steps toward change.

Abstract: Maine is today part of a global, structural economic evolution that is reshaping each of the nation's rural states. Agriculture and natural resource-based manufacturing once sustained Maine's rural areas, employing hundreds of thousands of workers. Technological advances, international trade, and changing consumption patterns reduced demand for these workers. As a result, many rural areas – primarily in western, northern, and eastern Maine – have lost population. Growth in today's service-based economy has concentrated in urban areas with thick consumer and labor markets. Despite the challenges, many rural businesses thrive in Maine. These focus on comparative advantage; build on unique ideas, resources, or skills; or overcome the need for physical proximity in service delivery. More and more, new economic opportunities available in Maine's rural areas will be those created by local residents themselves, through ingenuity, innovation, and market-responsiveness.

Important Ideas:

1. Comparative Advantage – Economic opportunities arise when one region can produce a good or service of higher quality or at lower cost (either absolute cost or opportunity cost) than another region.
2. Demand for Labor Follows Consumer Demand – In a market economy, growth industries are often those that anticipate and satisfy new consumer demands. Rising demand for service-industry workers reflects consumers' rising demand for services.
3. Businesses Locate Near Consumers and Workers – Businesses generally locate near concentrations of potential consumers and/or qualified employees.
4. Extraction vs. Attraction – America's rural economies were once based on the *extraction* of natural resources and the labor of local workers. Today, rural businesses succeed by *attracting* economic opportunities to themselves, often through a unique idea, resource, or skill.

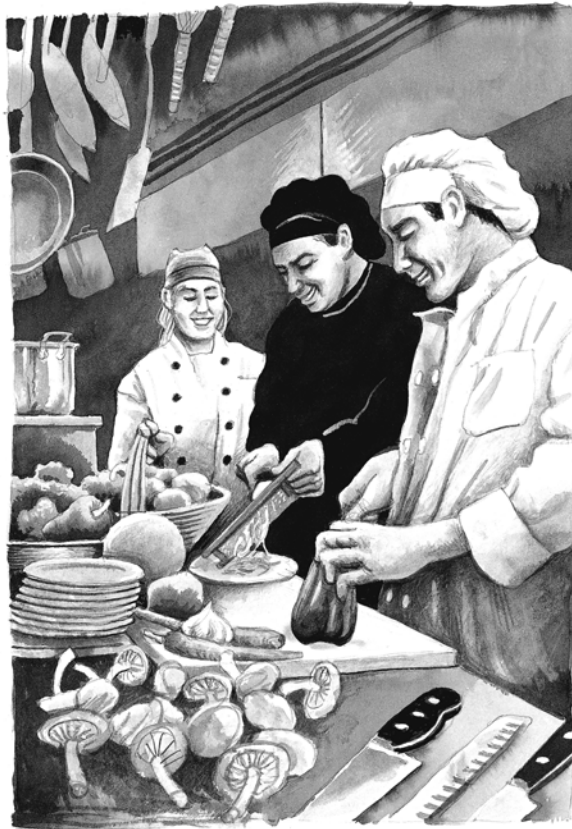
Essential Questions for Discussion:

1. How has international trade affected demand for workers in manufacturing and agriculture? What other developments have affected that demand? Why haven't federal programs such as Trade Adjustment Assistance prevented the migration of workers from many rural areas?
2. What factors do businesses consider when making location decisions? What will businesses in today's growth industries (professional and business services, health care, etc.) look for in coming years?
3. Some rural areas have gained population in the last decade, a few quite rapidly. What characteristics do they share? What challenges have they faced?
4. Can comparative advantage be created? How and by whom? What are Maine's current and potential areas of comparative advantage?

5. Maine's "quality of life" is one of its defining characteristics. Is it a resource that can generate new, sustainable economic opportunities? If so, how would those opportunities fit the skills and interests of workers currently in declining industries?

Follow-on Readings:

1. Economic Research Division, U.S. Dept. of Agriculture, publications on rural economies at www.ers.usda.gov/Browse/RuralEconomy/
2. Maine Rural Development Council, Entrepreneurship as a Rural Development Strategy: Defining a Policy Framework for Maine, U. of Maine Cooperative Extension, January 2001, at mrdc.umext.maine.edu/archive/Entrepreneurship.pdf
3. "Mainebiz Next List: Ten People Shaping the Future of Maine's Economy," published annually by Mainebiz Publications Inc., Portland, at www.mainebiz.biz/
4. Southern Rural Development Center, The Role of Education: Promoting the Economic and Social Vitality of Rural America, Mississippi State University and the U.S.D.A., January 2005, at srdc.msstate.edu/publications/ruraleducation.pdf
5. Whitener, Leslie A., Policy Options for a Changing Rural America, U.S. Dept. of Agriculture, April 2005, at www.ers.usda.gov/Amberwaves/April05/Features/PolicyOptions.htm



Eastern Maine Community College, Bangor



Maine Transformed: An Introduction

by Richard Barringer

Abstract: Much about Maine has changed since 1960. Today, after the demise, deregulation, and globalization of Maine's traditional industries, a once-static image of Maine life has been overtaken by events. Long-familiar, mainstay companies have vanished from the landscape, and the first substantial wave of in-migration in a century washed over Maine, with impacts in every corner and sphere of life. All this and more has literally *transformed* Maine, the Maine landscape, and Maine's prospects for the future. We have come into a new time – a new political-economic era, if you will. Like previous eras in Maine history, this will demand of us new ways of thinking, new ways of understanding, new ways of organizing ourselves as a community of people, if the values and culture we share and cherish are to endure. The challenge is nothing less than to “re-imagine” ourselves in this new era – not our values, which abide, but the outward forms and structures that give expression to them in our everyday lives. The question, then, is, “How do we re-imagine ourselves, and re-shape our lives, to assure the preservation of what we cherish most?” The choice, as we begin this new era, is ours to make.

Important Ideas:

1. Political-Economic Era. An extended period of time characterized by a particular organization of the means of economic production and governance of society – as, the Industrial Era, or the Ante-Bellum South.
2. Systems Thinking. A shift from viewing objects or entities as isolated from one another to understanding the *relationships* among them as the basis of their meaning, existence, and significance – as, that among the economy, the environment, and society.
3. Sustainable Community. An intentional community in which the economic, ecological, and social processes and activities work together, as a system, to maintain and regenerate its shared values and culture.
4. The Importance of Ideas. Not necessarily in the short run, but over the long-term ideas have great influence over events, human behavior, and history, shaping our responses to the challenges we face and their outcomes.
5. The Importance of Leadership. Liberal and conservative historians, alike, agree that democracy will rise and fall upon the quality, character, and ethics of its leadership.

Essential Questions for Discussion:

1. Can you identify four political-economic eras in Maine history since European settlement? Which one has greatest appeal to you, personally?

2. In what ways has Maine changed since 1960? Are these changes for the better, or the worse?
3. Do ideas make a difference in life? What “big ideas” might help Maine people better meet the challenges we face today?
4. What is a “sustainable community?” Do you feel the community in which you live is on a path to sustainability? Why or why not?
5. What choices do Maine people have respecting our future? As individuals? As a community of people? How might we best go about making them?
6. What are the qualities and character of leadership needed in Maine today to help us deal with the challenges we face? What can each of us do to encourage these qualities in our leaders?

Follow-on Readings:

1. Barringer, Richard, A Maine Manifest, Tower Publishing Co., Portland ME, 1973; _____, ed., Changing Maine: The 1989 Robert R. Masterton Lectures, U. of Southern Maine, Portland ME, 1990; and _____, ed., Toward a Sustainable Maine: The Politics, Economics, and Ethics of Sustainability, U. of Southern Maine, Portland ME, 1993.
2. Judd, Richard, E. Churchill and J. Eastman, eds., Maine: The Pine Tree State from Prehistory to the Present, University of Maine Press, Orono ME 1995.
3. Lockard, Duane, New England State Politics, Princeton University Press, Princeton, N.J., 1959, Ch. 4, “Maine,” pp. 79-118.”
4. Pease, Allen, and Wilfred Richard, eds., Maine: Fifty Years of Change, 1940-1990, University of Maine Press, Orono ME, 1983.
5. Putnam, Robert, “The Prosperous Community: Social Capital and Public Life” and “The Strange Disappearance of Civic America,” in The American Prospect, 4 (13) March 21, 1993, and 7 (24) December 1, 1996; see www.prospect.org
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Toward Greater Economic Viability

1. Demography and Maine's Destiny

by Richard Sherwood & Deirdre Mageean

Abstract: Five demographic forces critically affect Maine society today and tomorrow: the aging and passing of Maine's "baby boomers;" the changing composition of our family households; our lack of diverse populations; the trend toward low-density living arrangements; and the geographic divergence of employment opportunities. The results of these trends include heightened demand for housing despite slow population growth, a sprawling landscape, and increased concentration of the state's population along and near our shores and coast. Young people move south and leave the state in large numbers, even as retirees move in. As Maine looks to the future, the policy implications of these trends will demand the most careful consideration and energetic responses.

Important Ideas:

1. Baby-Boom Maine. The baby boomers' life course – their continuing needs and wants, their values and preferences – is seen in its effects on all of Maine's social, political, and economic institutions.
2. Sprawling Maine. The spreading out of the population across formerly rural, agricultural and forested lands changes the character of the rural landscape – with dramatic impacts on public services and local property taxes.
3. Housing Maine. The dramatic decline in the number of persons per household, and the resulting increase in the number of residences required to house Maine people, drive real estate prices and housing costs.
4. Concentrated Maine. The increasing concentration of Maine population growth along the southwest coast, especially in York and Cumberland Counties, poses economic, political, and cultural challenges to the state as a whole.
5. Vanilla Maine. The contrast between Maine's racial and ethnic homogeneity, and the U.S.'s increasing diversity, poses issues and challenges to the very fabric of our society.

Essential Questions for Discussion:

1. Auguste Comte, the founder of modern sociology, said "demography is destiny." Is this true of Maine? Will the current geographic distribution of Maine's population, its household organization, age composition, and ethnic and racial mix determine the state's

future? In what ways?

2. Is the ethnic and racial disparity between Maine and the nation likely to continue? If so, what implications does this have for Maine's place in American society? Will Maine be increasingly marginalized within the larger culture? How might Maine attract more minorities and immigrants?
3. Will Maine suffer any disadvantages in the wider American society as a result of having one of the oldest populations in the nation? Will it affect Maine's participation in the national economy? In what ways? What about Maine's influence in Washington? What about the State's contributions to general American culture? Are there any plus's in the wider society to having an old population?
4. Is the increasing concentration of population growth along the southwest coast of Maine problematic? In what ways? Should we be more concerned about the high rate of growth in a few coastal counties, or about the slow growth across the remainder of the state? What influence is this trend likely to have on Maine politics?

Follow-on Readings:

1. Clark, Jeff, "Invasion of the Boomers", Down East, January 2003, pp. 19-24.
2. Donahue, Sean, "Demographic Destiny", Mainebiz, April 18, 2005, pp. 16-19.
3. Francese, Peter, "Marriage Drain's Big Cost", American Demographics, April 2004, pp. 40-41.
4. Mageean, Deirdre M., Gillian AvRuskin, and Richard Sherwood, "Whither Maine's Population?" Maine Policy Review 9(1)pp. 28-43, University of Maine, Orono ME, 2000.
5. Heminway, Merritt T. Maine's Disappearing Youth: Implications of a Declining Youth Population, Maine Education Leadership Consortium, Augusta ME, 2002.
6. Morrow, James, "A Place for One", American Demographics, November 2003, pp. 24-29.

2. Maine's Changing Economy: The Rise of "Urban" Maine

by Charles Colgan

Abstract: In the past 50 years, Maine's economy has undergone historic change from an economy that was distinct in its high dependence on natural resources and manufacturing to one that is, in broad outline, now remarkably similar to the United States as a whole. The transition has included the loss of tens of thousands of jobs in the shoe, textiles, and apparel industries, as well declines in forest products, fisheries, and agriculture. These were offset by growth in industries such as retail trade, services, transportation, and government. These changes in industrial structure have also meant a change in the location of economic activity; and like the

rest of the U.S., Maine is becoming ever-more urban as a result. This is evidenced by the growing proportion of population and employment in Maine's urban places, and the growth in the number and size of these urban areas. This urbanization process has led to concerns about "sprawl" and its consequences. Part of sprawl is the natural expansion of urban regions, and part is the inefficient use of land in low density development. The future of Maine and the future of Maine's economy will largely be determined by *how* and *how well* the urban areas of the state grow and use land.

Important Ideas:

1. Industrial Economy. Until recent decades Maine's economy was dominated by industrial manufacturing activities, particularly those using the state's natural resources and its low-cost labor. While manufacturing is still important to Maine, it is much less so than in the past.
2. Post-Industrial Economy – one in which trade, services, finance, transportation, and government provide most of the growth.
3. Urban Region – one which has a central city and a surrounding set of interdependent communities. In the early development of urban regions, most jobs are in the central city, and people live there and in surrounding communities. Over time, jobs migrate out to the areas where people live, and create new employment and service centers throughout the region.
4. Sprawl. This is a general term that describes a variety of patterns of urban regional growth. In general, regional economists see the outward movement of jobs and housing as part of the natural evolution of urban regions, while land use planners see growth outside the central service center as the inefficient use of land.

Essential Questions for Discussion:

1. Has the transition from an industrial to a post-industrial economy made Maine better or worse off? In what ways?
2. Does the increasing concentration of economic activity in urban places mean a fundamentally different "Maine?"
3. What are the principal urban areas in Maine? How are they similar? How do they differ?
4. Is "sprawl" a major problem for Maine? In what areas is sprawl greatest? In what areas least? Which areas are dealing best with sprawl?
5. What does the increasing concentration of economic activity in urban areas mean for rural Maine? What are the opportunities and challenges for rural Maine in the post-industrial urban economy?

Follow-on Readings:

1. Barnes, William, and L. Ledebur, The New Regional Economies: The U.S. Common Market and the Global Economy, Sage Publications, Thousand Oaks CA, 1997. This is a general introduction to urban and regional economies.
2. Colgan, Charles, and Lloyd C. Irland, “The Sustainability Dilemma: Observations from Maine History,” in R. Barringer, ed., Toward a Sustainable Maine: The Politics, Economics, and Ethics of Sustainability, University of Southern Maine, Portland ME, 1993.
3. Pease, Allen, and Wilfred Richard, Maine: Fifty Years of Change, 1940-1990, University of Maine Press, Orono ME, 1983.
4. For a discussion of “sprawl” from a land use perspective, see Evan Richert’s Chapter 11 in this volume, “Land Use in Maine: From Production to Consumption.”
5. For recent studies of the Maine economy, see the website of the Maine State Planning Office, at www.maine.gov/spo
6. For information on current economic development efforts in Maine, see the website of the Department of Economic and Community Development, at www.econdevmaine.com

3. Being Poor in Maine: Working Hard, Falling Behind

by Lisa Pohlmann

Abstract: Though less visible than in states with greater income inequality, poverty is and always has been a reality in Maine. Fewer elderly people are now poor than forty years ago, thanks to Medicare, Medicaid, and Social Security, but more working families earn incomes below the federal poverty level. The minimum wage has not kept up with inflation, the costs of housing, transportation, and childcare have risen dramatically, and federal support for anti-poverty programs has suffered drastic cuts. Public policies such as deregulation and trade liberalization have accelerated wage and income inequality in Maine. More than ever before, we understand that income inequality incurs steep social costs, including negative effects on health, children, the environment, and community life. In recent years, Maine government has taken ground-breaking steps to help reduce poverty in the state, but federal tax cuts and a slowing economy point to a future that will continue to challenge Maine’s poor and policymakers.

Important Ideas:

1. Less Visible but No Less Harmful. Poverty is more easily hidden than it was 40 years ago, but remains no less isolating, stressful, and disempowering for poor families.
2. Demographics Are a Driver. Maine’s rising numbers of single-person households and, especially, of single female-headed households make up a large proportion of our poor.

3. The Income Gap Grows. Slow growth in wages has been the chief factor in Maine's increasing income inequality over the past 30 years. Most poor adults are working but do not make enough to adequately support themselves and their families.
4. Federal Policies Widen the Income Gap. Trade liberalization, inadequate minimum wage increases, the weakening of the social safety net, and tax cuts for the wealthy have increased the income gap between the poor and the wealthy in Maine and the nation. Federal program cuts have shifted the safety net burden onto the states.
5. Maine Works Hard to Help the Poor. Even with limited resources, Maine has supported low- and moderate-income families by increasing postsecondary education for welfare recipients, expanding access to health care, enacting minimum wage increases, and expanding eligibility for unemployment insurance. These policies and programs always face political opposition, however.

Essential Questions for Discussion:

1. What does it mean to be among the "working poor" in Maine today? Where do the working poor live and work in your area? What do you think their lives are like?
2. What are the social impacts of rising income inequality for a community? How does income disparity between northern and southern/coastal Maine counties impact the state as a whole?
3. In what ways has the dominant attitude of federal policymakers in relation to the poor changed over the last 40 years? What are the social and economic factors that have brought about those changes?
4. What do you think the role of government should be in supporting people with low-incomes? Where would you make public investments to reduce poverty in Maine?
5. If Maine has been relatively more generous in providing support to low-income families, what could threaten that commitment in the future?

Follow-on Readings:

1. Ehrenreich, Barbara, Nickel and Dimed: On (Not) Getting By in America, Metropolitan Books, New York NY, 2002.
2. Harrington, Michael, The New American Poverty, Holt, Rinehart and Winston, New York NY, 1984.
3. Shipler, David, The Working Poor: Invisible in America, Random House, New York NY, 2004.
4. Center on Budget and Policy Priorities, reports on federal policy proposals related to low-income families, available at www.cbpp.org
5. Center on Law and Social Policy, reports on issues of poverty and the working poor, available at www.clasp.org

6. Economic Policy Institute, reports on labor policy, particularly “State of Working America,” updated biennially and available at www.epinst.org
7. Maine Center for Economic Policy, annual “State of Working Maine” report, livable wage estimates, and state tax and budget policy analysis, available at www.mecep.org

4. Housing for a Changing Maine: It’s Not Working!

by Frank O’Hara

Abstract: Over the past four decades Maine’s housing stock has increasingly provided decent shelter and solid financial value to our people. Especially in recent years, however, it has not been so successful in providing access to jobs and services, and in fostering community. No- and slow-growth policies have limited the construction of needed multi-family housing, and facilitated the suburbanization of land use known as “sprawl.” Maine communities must re-evaluate these policies and practices, especially to meet the needs of young workers in our service centers and those of isolated older people living in suburban communities. For its part, the state must see itself as building communities, not just individual residential and commercial structures. With stronger state leadership, a more complex approach to distinguishing housing markets, and a bottom-up decision-making approach, Maine can ensure that our housing will once again foster access and community, as well as shelter and financial security.

Important Ideas:

1. The Many Functions of Housing. Housing provides several important functions for its occupants, including physical shelter, financial investment or value, access to jobs and services, and participation in community.
2. Higher Quality, Relatively Stable Cost. Over the past 50 years the quality of physical shelter in Maine has improved dramatically, while the cost of housing relative to incomes has remained stable.
3. A Diminished Federal Role. In the past the federal government provided public leadership in housing development. In the future, Maine state government will have to play this role – both because federal funding for housing has steeply declined, and the nature of housing issues has changed.
4. Regional Disparities. Because housing is a commodity that serves a limited market area (a “housing market”), cost and availability conditions vary widely across the state. In some Maine markets housing is inexpensive and available, while in others it is expensive and scarce.
5. The Diversity Challenge. The challenge is once again to build housing for Maine that supports diverse communities – for young and old, working and retired, large families and singles – and that has good access to jobs and services.

Essential Questions for Discussion:

1. How would you rate your home or apartment in terms of the four functions of housing (2.5 points for each)? That is, for:
 - physical shelter
 - economic investment or value
 - access to jobs and services
 - participation in communityWhat would it take to make your current housing into a perfect 10?
2. Is there a difference between building individual housing structures and building a community? How would you design a neighborhood that would do most to encourage community life? How does this compare to the place where you now live? Or,
3. The community of Celebration, Florida (see www.celebrationfl.com), is an example of recent community design also called the “new urbanism.” Can you describe the techniques that the Celebration builders used to promote community life in their design. Is this a model that could be copied in Maine? Why/why not?
4. In what ways has the automobile expanded the size of the “community” in which you live, work, play, shop, worship, etc? What are the results of this for your life? For government policymakers?
5. In what ways does a one-size-fits-all housing policy fail to take into account the realities of Maine’s many housing markets? What are the effects of this? How may it be corrected?

Follow-on Readings:

1. Jacobs, Jane, The Death and Life of Great American Cities, Random House, New York, 1961. (A classic in its field, and still the best description of what is important for neighborhood life.)
2. Harvard University’s Joint Center for Housing Studies produces excellent annual reports on the State of the Nation’s Housing, at www.jchs.harvard.edu/
3. The Maine State Housing Authority has current data on housing in Maine, as well as several reports on Maine housing written by Frank O’Hara, including “Houses, Jobs, and Maine People,” 2001; “The State of Maine’s Housing,” 1999; and “The State of Maine’s Housing,” 2002, all available at www.mainehousing.org/reports.html
4. The Maine State Planning Office is also a source of information on neighborhood design, sprawl, and affordable housing, at www.maine.gov/spo/landuse/resources/housing.php

5. Health Policy in Maine: Recurring Themes, Persistent Leadership

by Elizabeth Kilbreth

Abstract: The development of health policy in Maine over the past 50 years mirrors that of the nation at large. If it succeeds, Maine's innovative Dirigo Health Plan may lead the way for the nation in this era of needed health care reform. Research and development in medical science have combined to create a level and pace of change in health care delivery that requires skillful and innovative policymaking to address people's needs. How did a small state with a limited tax base reach the front of the pack in health policy? Maine's unique strengths include an intimate political arena where all the major players can and do interact regularly; leadership from a governor committed to universal access to health care, for both economic and humane reasons; and a strong consumer advocacy community that facilitates communications between legislators and constituents. Maine creatively pursues a time when all people will have access to quality, affordable health care.

Important Ideas:

1. The Health Policy Arena Is Complex . Like other states, Maine, must develop health policy initiatives within constraints imposed by federal health policy and private sector management of much of health care financing.
2. Unchecked Cost Growth Drives Policy. The very rapid growth of the health care industry over the past 20 years has been both a boon and a challenge for Maine. The health industry provides needed jobs: hospitals are the largest employers in many Maine cities and towns. On the other hand, rising insurance costs are a drag on the Maine economy and cause many Mainers to go without health coverage.
3. Maine Has Been a Health Policy Leader. Despite these challenges, Maine has a long history of legislative and gubernatorial activism in developing policy initiatives to expand health coverage for needy citizens. The Dirigo Reform initiative is but the latest in a long line of innovative programs.
4. Maine's Political Culture Facilitates Innovation. Strong grassroots activism and open communication among stakeholder groups (such as insurers, employers, and hospitals) contribute to policy innovation and a political culture of principled negotiation and compromise.

Essential Questions for Discussion:

1. What federal policies have had a significant impact on the health care system in Maine?
2. Who are the key stakeholders with an interest in state policy developments in the provision and oversight of health care?

3. How does the situation in Maine differ from other states in ways that might help explain Maine's activism in the health policy arena?
4. Why is it so difficult for Maine (or any other state) to devise policies to assure adequate health care for all its citizens?

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2. Blue Ribbon Commission, The Cost of Health Care In Maine: Report of the Year 2000 Blue Ribbon Commission on Health Care, Maine Development Foundation, Augusta ME, 2001.
3. Kilbreth, Elizabeth, E. Ziller, and S. Payne, Trends in Health Service Costs and Utilization, 1995 – 2001: An Analysis of a Privately Insured Population in Maine, Institute for Health Policy, Muskie School of Public Service, University of Southern Maine, Portland ME, 2005.
4. Rooks, Douglas, Darkness to Dawn: Maine's Mental Health System, Maine Center for Economic Policy, Augusta ME, 2001.
5. Oberlander, Jonathan, "The Politics of Health Reform: Why Do Bad Things Happen to Good Plans?" Health Affairs, 2003(1) at <http://content.healthaffairs.org/cgi/reprint/hlthaff.w3.391v1>
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6. K-12 Education in Maine: Steering from a Distance

by David Silvernail

Abstract: Maine's K-12 public school system is today one of the strongest in the nation due to the dedication and hard work of educators, increased financial commitment from Maine citizens, and passage by the Maine legislature of the Sinclair Act of 1957, the Education Reform Act of 1984, and the Learning Results of 1997. In the last ten years, the cost of providing K-12 education has risen steadily, even while enrollment has decreased. Today Maine school districts face pressure to regionalize and economize, as well as strong local resistance to these ideas from citizens accustomed to a high degree of "local control." Looking to the future, Maine faces the challenges of the federally-mandated "No Child Left Behind Act," and of funding equitable and accessible education for all students.

Important Ideas:

1. Among the Best in the Nation. Maine people have invested time, resources, and legislative effort over the last 40 years to make Maine's K-12 education system recognized as one of the best in the United States.
2. Three Basic Laws. Three key pieces of legislation over the last 40 years have had a profound effect on Maine's K-12 education system; these include the Sinclair Act (1957), the Education Reform Act (1985), and the Learning Results Act (1997).
3. Shifting Locus of Control. Many of the changes that have taken place in Maine's K-12 education system in these decades have resulted in a reduction of local control over our schools.
4. Persistent High Cost. Maine's K-12 education system remains expensive, even in a time of an aging population and declining school enrollments.
5. Persistent Equity Question. Even as it has become one of the best in the nation, Maine's education system still does not ensure equity and access to equal educational opportunities for *all* Maine youth.

Essential Questions for Discussion:

1. What should Maine's schools do to ensure that *all* children, regardless of where they are born or raised in the state, have the same opportunity to achieve high academic standards?
2. How should local control of our schools be balanced with the State's constitutional responsibility to ensure equal educational opportunities for all Maine's youth?
3. Maine's Constitution states that local communities are responsible for funding their public schools. Should the State continue to contribute the majority of funding for our schools? For ineffective schools? For inefficient schools?
4. How should Maine schools be held accountable for helping all children achieve high academic standards? Should there be rewards for achieving them, and sanctions for failure?
5. The federal government places many mandates on Maine's schools, but contributes little to help finance them. What role should the federal government play in mandating what Maine's schools teach, test, and fund?
6. Maine's aging adults will require more and more economic and social resources to meet their needs, while Maine schools will require more resources to ensure equity for all Maine children. How do we balance the needs of our youth and our aging population?

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2. Malen, B., "Tightening the Grip? The Impact of State Activism on Local School Systems." Educational Policy, 17(2), pp. 195-216, May 2003.
3. Mathis. W.J., "No Child Left Behind: Costs and Benefits." Phi Delta Kappan, 84(9), pp. 679-86, May 2003.
4. Silvernail, David L., and W.L. Bonney, "Essential Programs and Services: The Basics for a New Approach for Funding Maine's Public Schools," Maine Policy Review, Winter 2005, University of Maine, Orono ME.
5. Stone, Deborah, Policy Paradox: The Act of Political Decision Making, W.W. Norton & Company, New York NY, 1997.
6. Theobald, N.D., and J. Bardziel. "Balancing Local Control and State Responsibility for K-12 Education," in M.D. Theobald & B. Malen, eds., American Education Finance 2000 Yearbook, Eye on Education, Inc., Larchmont NY, 2000.
7. Zajac, E.E., "Normative Theories I: John Rawls," in E.E. Zajac, Political Economy of Fairness, MIT Press, Cambridge MA, 1995.

7. Higher Education for All: Time for Change

by Terrence MacTaggart

Abstract: For a sparsely populated state, Maine boasts an exceptional number of public and private education institutions; still, rates of higher education participation and attainment in Maine are relatively low. The costs of obtaining higher education remain prohibitive for many Maine student and their families. The structure and largely deregulated governance of higher education in Maine has demonstrated unusual stability, compared to other states. Stability has had its benefits, but it also makes higher education a continuing target for reformers and critics, as the changing economy and the decline in numbers of high school graduates put pressure on the system. For these institutions to meet the needs of Maine's citizens more effectively, the state must more closely and effectively link higher education to its overall economic development strategy, improve their operational effectiveness, and strengthen financial aid for low-income Mainers.

Important Ideas:

1. University Governance. As used in higher education, this term describes how various entities and interests – faculty, administration, politicians, the state executive branch, legislative committees, student groups, etc. – participate as stakeholders in the decision-making process.
2. Trustees. The United States is unique in the world in having its colleges and universities, and "systems" of these institutions, overseen by citizen boards of trustees rather than by

state agencies. In reality, trustees share governing authority with other groups, especially including public policy makers on the one hand and faculty on the other.

3. Coordination. Most states (though not Maine) provide some formal, overarching coordination or governing function, the purpose of which is to focus attention on public priorities and avoid unnecessary duplication of services. In Maine statewide coordination, where it exists, occurs informally and voluntarily among the leaders of two public systems and the trustees of Maine Maritime Academy.
4. Systems of Higher Education. Maine organizes its public higher education institutions into two separate systems: trustees of the University of Maine System oversee seven public universities, and a different group of citizens governs the Maine Community College System. The other public higher education institution, Maine Maritime Academy, is governed by a third board of trustees.
5. Governance Stability. Policy ideas put forward by boards of trustees, especially changes proposed for the University System, are frequently criticized and politicized in Maine; still, the underlying governance structure has remained largely unchanged for more than thirty years.

Essential Questions for Discussion:

1. Education beyond high school, once a luxury reserved for the few, is now a necessity for all. In light of this, what is the state's obligation to provide affordable, high-quality higher educational services for all its citizens?
2. What are some of the underlying reasons for the gap between the relatively large number of colleges and universities in Maine and the low levels of participation in higher education? What are some policy options for closing this gap?
3. What coordination exists among the three public entities comes about through informal, voluntary cooperation among their leaders. What are the advantages and disadvantages of this decentralized and informal approach to harnessing higher education resources in service of public needs?
4. In 2005, the trustees of the University of Maine System proposed to combine three small campuses – Fort Kent, Presque Isle, and Machias – and to join the Augusta campus with the University of Southern Maine; this was soundly rejected by the Maine legislature. What options exist for ensuring geographic access on the one hand and less costly services on the other in this large state with many small institutions of higher learning?
5. The long-term stability of governance of higher education in Maine is matched by equally long-term dissatisfaction with its costs and the effectiveness. What are the pro's and con's today of this stable governance structure? What alternatives exist to increase the effectiveness of higher education in Maine without doing damage to the organizations that deliver higher education? Does higher education in Maine require a total makeover, or is more gradual reform the way to go?

6. Several of Maine's private institutions play a major role in producing graduates for public service professions in health care, education, law enforcement, and other fields. Should the state provide greater support for these schools and their students, under the heading of using private means to supply public benefits? If so, how would you provide this additional state support?

Follow-on Readings:

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3. Libby, James D., Super U: The History and Politics of the University of Maine System, The Picton Press, Rockport ME, 2002.
4. Lindemann, Frances, "Higher Education for All Maine People," Maine Center for Economic Policy, Augusta ME, 2002, at www.mecep.org/higheredforall/
5. MacTaggart, Terrence J., Restructuring Higher Education: What Works and What Doesn't in Reorganizing Governing Systems, Jossey-Bass, San Francisco, 1996.
6. National Center for Public Policy and Higher Education, Measuring Up 2002: The State-by-State Report Card for Higher Education, San Jose CA, 2002, at <http://measuringup.highereducation.org/2002/stateprofilenet>
7. Silvernail, David L., "Increasing Postsecondary Enrollments in Maine," Maine Policy Review, (6)1997, University of Maine, Orono ME.
8. Trostel, Philip, "The Long-Term Effects of Declining State Support for Higher Education: Are States Shooting Themselves in the Foot?" paper and presentation at Wisconsin Center for the Advancement of Postsecondary Education, Madison WI, October, 2003.

8. Maine Tax Policy: Lessons from the Domesday Book

by Peter Mills

Abstract: During the latter half of the 20th Century, three new revenue sources – the sales tax, the income tax, and federal Medicaid – funded dramatic increases in state programs, enabling Maine (along with other states) to become a primary provider of health and social services, as well as an equal partner with the towns in paying for K-12 education. While dependency on these services continues to grow almost exponentially, supporting revenues are tapped out. Further, sales and income taxes are volatile, and tend to plummet in response to market downturns. Maine is seriously challenged to balance its growing demand for services against the limitations of its revenues. To control volatility, Maine should resist pressures to abandon its traditional taxes on wealth and property, ancient sources of revenue known for their stability.

Important Ideas:

1. Revenue Shifts. During the last half of the 20th century, Maine's traditional reliance on property and "sin" taxes shifted to three new and greatly expanded sources: the sales tax, the income tax, and federal Medicaid.
2. New Services. At the same time and as a direct result, state government's mid-century focus on spending for transportation was rapidly superseded by increased spending on medical and social services and the funding of K-12 education, thus redefining and expanding the role of state government in our society.
3. Revenue Adequacy. Ever-increasing demands for health and education services have run up against limits in the revenue systems that were invented and expanded to support them.
4. Volatility. The state's two major sources of tax revenue – sales and income – are notoriously volatile and create political upheaval when they fail to support the state's persistently growing demand for health and education services.

Essential Questions for Discussion:

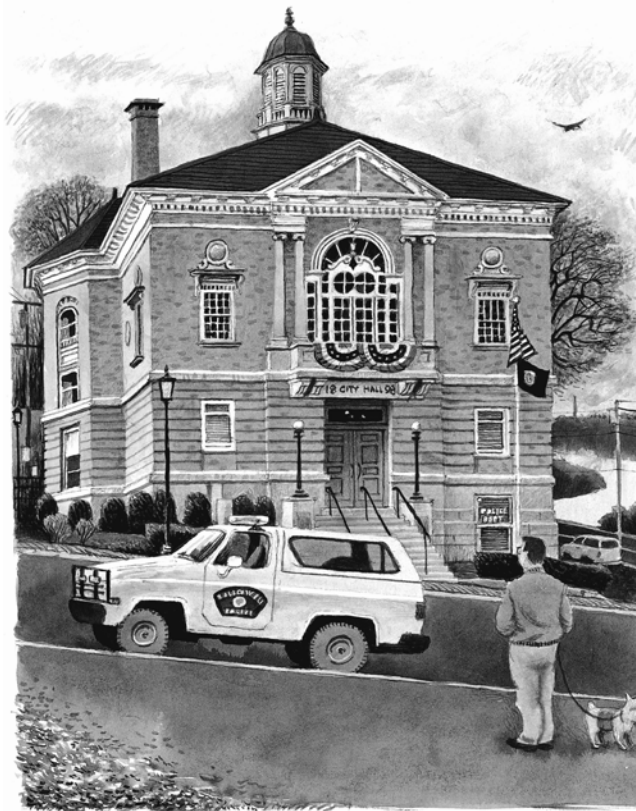
1. If Maine's revenues are no longer sufficient to meet escalating demand for health and education services, what are the long range policy options for Maine and other states?
2. To what extent does the economic "race to the bottom" among states (that is, the competition to cut revenues, to attract and retain businesses) constrain state revenue and service options? How may states like Maine best respond?
3. Should Maine be less ambitious in the level of services it provides? How might that be accomplished?
4. How might Maine induce its political subdivisions to spend less, through consolidating and regionalizing local services?
5. Are there potential sources of revenue that Maine is overlooking?
6. Each Maine municipality has discretion to raise only one tax, the two-digit number that sets its property tax mill rate. Should towns be given power to raise money by other means?

Follow-on Readings:

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4. Maine Education Policy Research Institute, The Condition of K-12 Public Education in Maine, Portland ME, annually. Assembles information on public education and school funding, as well as census and income data to put education into perspective. (K-12 school funding accounts for 30% of the General Fund budget.)
5. Office of Fiscal and Program Review, Maine Legislature, Compendium of State Fiscal Information, Augusta ME, annually. Summarizes the recent history of all major sources of operating revenue and expenditures, plus debt obligations and per capita comparisons with other states.
6. Office of Fiscal and Program Review, Maine Legislature, Summary of Major State Funding Disbursed to Municipalities and Counties, Augusta ME, annually. Summarizes the recent history of all state support flowing to Maine's municipalities.
7. Treasurer, State of Maine, Official Statement, Augusta ME, annually. Provides in narrative, tabular, and graphic form an analysis of the state's fiscal condition, as a guide to investors and bond rating agencies.



City Hall, Hallowell



Toward Greater Community Vitality

9. Governing Maine: Tensions in the System

by Kenneth Palmer

Abstract: Maine’s state and local governments have long struggled with a values clash that may be described as “citizen participation vs. government professionalism.” As the executive and judicial branches have moved toward professionalism, the legislature has been impeded in that journey by citizen attempts to retain control through the establishment of term limits and the increased use of citizen-initiated referenda. At the local level, similar battles are waged as municipalities struggle to balance the advantages of small size (participation) with the demands of modern governmental functions (professionalism). Maine’s consensus-driven political culture and willingness to innovate will be key factors in determining the state’s ability to bridge the divide between the two competing values.

Important Ideas:

1. A Participatory Political Culture. Maine has long had high citizen participation in public affairs. More people vote in our elections than in most other states. People not only elect their public officials, they have long helped directly manage the affairs of their communities through arrangements like annual town meetings.
2. The Need for Professional Expertise. Beginning in the 1960s, Maine began to employ large numbers of professionally-trained persons to manage and direct government agencies: state government created a governor’s cabinet, full-time judges took over the management of Maine’s trial courts, and the number of town and city managers grew in even greater proportion.
3. Participation v. Professionalism. A major disruption occurred in Maine’s citizen legislature in the early 1990s. Some voters believed too many legislators were becoming career politicians, and sought to remove them. In a 1992 referendum, they imposed term limits on state lawmakers and some constitutional officers, which became effective in 1996.
4. Our Richness of Local Governments. Maine has approximately 800 units of local government, including nearly 500 municipalities and 285 school districts. The effort to maintain all these units has caused Maine to more than double its number of full-time local government employees in the past forty years. That growth has, in turn, helped make Maine a state with one of the highest levels of taxes and spending in the country.

5. A New Concern for Reform. Maine has long been an innovator in the processes of governance. Currently, worry over the soaring costs of local governments has led officials and citizens to consider reforming their structure. One idea is a reduction in the number of school districts to about 35; another is the creation of municipal service districts, which would combine certain functions of towns.

Essential Questions for Discussion:

1. Maine has one of the highest levels of voter turnout in elections of any state. Why does Maine have a political culture in which people are encouraged to take a very active part in their government? What factors are involved?
2. How might Maine best deal with the necessity of experts in government and still maintain active citizen participation? Can the two goals be reconciled?
3. Maine currently limits its legislators to no more than four consecutive terms in office in the same chamber. Are term limits a good idea? Should the term limits law be abolished? Or perhaps modified to extend the permissible number of terms?
4. What reforms would be most effective in reducing the costs of local government? Should the number of school districts be reduced? Should towns find ways to consolidate services among them? To consolidate governance regionally?
5. What should be the proper balance between state and local government in Maine public affairs? What kinds of municipal services should the state support financially? Should the state in turn regulate the way localities spend state funds?

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10. Maine's Civil Society: An Enduring Strength

by Mark Lapping

Abstract: Maine has a rich tradition of civic organizations at the heart of our community life, where community members have gathered regularly and built a store of “social capital” that may be drawn down to address community needs. Recent developments across the nation have also affected Maine, contributing to a shift away from this kind of citizen-driven organization to professional third-parties, private and public. Sprawl has isolated people from their neighbors, and two-income families and longer commuting times have discouraged participation in civic organizations of all kinds, including local government. The “Two Maine’s” hypothesis serves further to widen the gap between Maine citizens in addressing state-wide issues that require cooperation and sharing of responsibilities. If Maine is to leverage social capital to strengthen communities as in the past, civic duty must be redefined for these times and emphasized in schools and today’s community organizations.

Important Ideas:

1. Social Capital. This refers to the norms of trust, reciprocity, and concern for mutual well-being that facilitate, even lubricate social, economic, and political exchange.
2. Civil Society. This is the realm of activity between the private market and the public sector that is inhabited by all who engage in voluntary associations to advance the common agenda or public good, where we seek a balance between the private and the public, the rights and responsibilities of a free people.
3. Narrative – the continuing story of how we do and can live together as members of a human community.
4. Associational Life. Alexis de Tocqueville found this “turn to one another” to address common problems to be the essential ingredient of civil society, and the essence of New England town life and government.
5. Sprawl. This is the hallmark of change in land use in Maine since the 1960s, in which the physical elements of the community have moved away from each other in low-density development powered by the automobile and old, anti-urban sentiments.

Essential Questions for Discussion:

1. Should schools require students to participate in voluntary community projects? Why, or why not?
2. The American philosopher John Dewey once observed that “schools are the laboratories of democracy.” Can you explain and defend the proposition that schools should be run as democratic institutions. How might schools function more democratically, and what would a democratic school look like?

3. What civic organizations do you or other members of your family belong to, and in what ways do these organizations contribute to the “common good” of your community?
4. What did Rabbi Hillel mean when he wrote: “If I am not for myself, who will be for me? And if I am only for myself, what am I”? Does this generations-old precept have meaning for us in Maine today? Why, or why not?

Follow-on Readings:

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2. Dahl, Robert A., A Preface to Democratic Theory, Yale University Press, New Haven CT, 1956.
3. Mansfield, Harvey, and Delba Winthrop, eds., Alexis de Tocqueville’s “Democracy in America,” University of Chicago Press, Chicago IL, 2000.
4. Polletta, Francesca, Freedom is an Endless Meeting: Democracy in American Social Movements, University of Chicago Press, Chicago IL, 2002.
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11. Land Use in Maine: From Production to Consumption

by Evan Richert

Abstract: The last 50 years have set into motion a basic change in the landscape of Maine’s settled territory, from one organized for production – what we know as “rural” – to one organized for consumption – what we recognize as “suburban.” Urban land is a tiny fraction of the state’s land base, and expanded only modestly over the last half-century to about 1.5% of the total; but it accommodates more than 40% of our population, about 525,000 people. Rural land still dominates statewide, but in the southern seven counties it has shrunk to about two-thirds of the total. In between the urban and the rural is a rapidly expanding suburban land mass, which by 2000 had grown to 6% of the statewide total land area and close to a third of the land area of the southern seven counties, with a population of about 600,000. The suburban growth has been at the expense of primarily rural lands, driven both by market preferences and the mandates of local government. A counter-attack on the suburban erosion of both urban centers and rural lands has begun to take form, but its success is far from assured.

Important Ideas:

1. Rural Land Is Distinctly Different from Suburban Land. Rural land is organized for production (of food, fiber, wildlife, raw materials, energy). Suburban land, including low-density suburban land, is organized for consumption (the buying and selling of house

lots, and the consumption of privacy and a lifestyle). Rural land cannot compete with suburban land in the market place.

2. Public Policy, Including State Subsidies and Local Zoning, Enable and Even Mandate a Suburban Pattern of Development. From the point of view of local government officials, zoning for low-density suburbs is an apparently rational act, even as it erodes the productive and environmental functions of rural lands, and weakens urban centers as hubs of population and economic activity.
3. A Nascent Movement Has Evolved to Check the Costly Effects of Suburbanization. This movement has found expression in official state land use policy, but implementation has been weak and ineffectual. The rise of organizations such as land trusts and service center coalitions is having more immediate effect.
4. Mandatory Low-Density Zoning Deprives a Large Segment of the Market of the Kinds of Neighborhoods They Would Prefer. A significant part of the market – as much as a third – prefers traditional neighborhood and village settings; but most suburban zoning bans this pattern of development through overly large lot size and restrictive density and use requirements. Many municipalities still equate traditional neighborhood development with overcrowding and environmental problems.
5. The Appeal and Political Power of the Low-Density Suburb Make Sprawl an Enduring Part of the Landscape. A new set of fiscal, regional planning, zoning, and housing policies will be required to contain this pattern of development, which is synonymous with sprawl, and to allow reasonable opportunity for the more traditional, village and neighborhood patterns to re-establish themselves.

Essential Questions for Discussion:

1. How do urban, suburban, and rural lands differ in the way they are organized and in the purposes they serve?
2. Does your town have a comprehensive plan that states its wish to preserve the town's "rural character?" When citizens and local governments say they want to preserve the rural character of their towns, what do they mean?
3. Why is the low-density suburban pattern of development so attractive? Does it pose problems for "sustainable" communities and environment? If it satisfies the desires of a large part of the market, why should it be constrained?
4. How many blocks of land with at least 100 undeveloped acres remain in your town? What percentage of homes in your town are within ¼ mile of at least a few stores, services, school, or places of worship? Given that the answer to the first question represents "rural" lands in your town, and the answer to the second represents village or neighborhood lands, how much of your town is now a low-density suburb?
5. Do local mandates for low-density suburban zoning deprive citizens and the market of other desirable lifestyle choices? What lot sizes are required in your town? How does

this protect rural character? How does it take away from the traditional functions of rural lands?

6. What large-scale shifts in public policy are necessary to bring better balance to the patterns of development that Maine has witnessed in the last half century? How do tax policy, planning policy, workforce housing policy, and land use regulation relate to sprawl? What are the large-scale obstacles that stand in the way of changes in public policy?

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2. Levine, Jonathan, Zoned Out: Regulation, Markets, and Choices in Transportation and Metropolitan Land Use, Resources for the Future, Washington DC, 2006.
3. O'Hara, Frank, The Cost of Sprawl, Maine State Planning Office, Augusta ME, May 1997, at <http://www.maine.gov/spo/landuse/pubs/>
4. Nelessen, Anton Clarence, Vision for a New American Dream, American Planning Association, Chicago IL, 1994.
5. Richert, Evan, Markets for Traditional Neighborhoods, Maine State Planning Office, August ME, 1999, at <http://www.maine.gov/spo/landuse/pubs/>

12. Maine Arts and Culture: The Emergence of a New Force

by Alden Wilson

Abstract: Maine has a long standing reputation as an inspirational setting for artistic creation, beginning with the rich artisan tradition of Maine's Native Americans. As a state of artists, craftspeople, and institutions that support them, Maine has nurtured writers, visual artists, performing artists, musicians, and artisans in communities all across the State. In the last one-third of the 20th century, growth in the state's arts community was stimulated by the creation of the National Endowments for the Arts and the Humanities under President Lyndon B. Johnson. The Maine Arts Commission, created in 1965, channeled state and federal resources into support for arts organizations in Maine's communities. The result is a strong, statewide arts and culture infrastructure, one that positions Maine communities to take advantage of the emerging national focus on the "creative economy." Support for the arts translates into dollars, and trends indicate that Maine's economic future will be closely tied to continuing investment in the state's artistic and cultural heritage.

Important Ideas:

1. Maine's Abiding Arts & Culture. The arts and culture in Maine are abiding resources, with deep roots in Native American traditions and 17th through 21st century expressions

in all art forms. Maine arts and culture are recognized internationally for their quality and historic significance.

2. Maine Culture & Environment. There is a strong interrelationship between Maine's cultural and environmental interests, both of which are considered assets not as prevalent or highly developed elsewhere. Both domains are supported by a cross section of Maine citizens and enjoy significant bi-partisan political support.
3. Maine Creative Economy Policy. The developing creative economy in Maine is now a formal part of the state's economic development policy, which distinguishes Maine's creative economy initiative from most other states; Vermont and Montana have similar state-level initiatives.

Essential Questions for Discussion:

1. In what ways do Maine's arts and culture resources differ from those in other parts of the nation? What are the historical roots of the differences?
2. Which art forms and cultural interests are predominant in Maine? What is the impact of this predominance within our local communities, and on our sense of place?
3. Why are Maine's arts and cultural resources the foundation for the state's creative economy movement? In terms of developing the creative economy, what is the necessary or desired relationship among the cultural non-profit organizations, for-profit businesses and business groups, and individual artists and creative entrepreneurs?
4. How does Maine's creative economy initiative compare with similar initiatives in the U.S. and other countries?
5. What strategies might Maine state government employ to support and enhance Maine's creative economy? What is the private sector's role?
6. Should the relationship between Maine's cultural and environmental interests be strengthened? Why, and how?

Follow-on Readings:

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3. Carpenter, James, et al., Maine and Its Role in American Art, The Viking Press, New York NY, 1963.
4. Cassidy, Donna, Marsden Hartley: Race, Region, and Nation, University Press of New England, Durham NH, 2005.
5. Gussow, Alan, A Sense of Place: The Artist and the American Land, Friends of Earth, San Francisco CA, 1971.

6. Little, Carl, Paintings of Maine: A New Collection, Down East Books, Camden ME, 2006.
7. For concepts, strategies and scholarly papers on the “creative economy,” see www.nasaa-arts.org/artworks/creativeeconomy_resources.html

13. Maine’s New “Third Sector”: The Emerging Nonprofit Landscape

by Dahlia Lynn

Abstract: In recent decades, nonprofit organizations have become an indispensable part of our communities’ well-being all across the nation. These “third sector” organizations provide a wide range of social services, artistic and cultural productions, political advocacy, and environmental protection activities. As a rural state with a land conservation ethic, artistic and creative traditions, and an increasing demand for social services, Maine has the 4th highest number of nonprofit organizations per capita in the nation. While nonprofits have become an integral part of Maine life, they face a number of challenges that threaten their viability, including slow growth in private charitable giving, limited support for nonprofit capacity building, and the lack of comprehensive data on their nature and operation. These challenges require attention to the Maine nonprofit sector and, by extension, to Maine communities if they are to thrive in coming years.

Important Ideas:

1. Traditions Run Deep. Maine’s history is deeply and inexorably linked to its charitable and voluntary associations at both the local and state levels.
2. The Nonprofit Sector as Economic Driver. The third sector is an employer of significance throughout Maine, with concentrations in its service centers.
3. As a Reflection of the Social Environment. The nonprofit sector embodies the tradition of Maine’s citizens as self-reliant and independent.
4. The Limitations of Capacity. Maine’s nonprofits are increasingly faced with the challenges of limited resources and capacities, and increasing demands for services.

Essential Questions for Discussion:

1. What role does “geography” play in understanding the importance of Maine’s nonprofit sector? Will population shifts within the state create even more dependence on the third sector for essential services and programs?
2. Do the notions of “independence” and “self reliance” help to explain the historical importance of the nonprofit sector in Maine? If so, how?

3. Why do you think the nonprofit sector's contributions as employers of significance in Maine have received so little attention and recognition? Does this lack of awareness limit the sector's ability to generate resources and capacity?
4. What are some of the reasons that nonprofit and private sector organizations have not developed a long history of collaboration in addressing community needs?
5. Contributions by the nonprofit sector are often hard to quantify. Does the lack of measurable data on the contributions of Maine's nonprofit sector affect its long term sustainability?

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2. Lord, Susan A., Wealth and Social Responsibility: A Study of Philanthropy in Southern New Hampshire and Southern Maine, Master's Thesis, University of New Hampshire, Durham NH, 2004.
3. Lord, Michael C., Cultural Resources of Androscoggin County Maine: Starting a Non-profit Corporation in Maine, Androscoggin Historical Society, Auburn ME, 2001.
4. Salamon, Lester M., and Stephanie Lessans Geller, Maine Nonprofit Employment, Johns Hopkins Center for Civil Society Studies, Baltimore MD, 2003.
5. Trotter, Bill, "Event Shines Light on Role of Nonprofits," Bangor Daily News, Bangor ME, May 24, 2005, pp. 5.
6. Turkel, Tux, "Nonprofits: An Employment Engine," Portland Press Herald, Portland ME, October 9, 2003, pp. 7B.
7. Turkel, Tux, "Nonprofits Poised to Fill Growing Economic Role," Portland Press Herald, Portland ME, November 6, 2005, pp.1.
8. Wagner, Davis, What's Love Got To Do With It? A Critical Look at American Charity, New York Press, New York NY, 2000.

14. Maine Women's Changing Roles: Hard Work and Some Progress

by Marli Weiner

Abstract: Their employment opportunities were listed in the "Help Wanted: Women" section of the newspaper; they earned about 59 cents for every dollar earned by men; domestic violence was not recognized as a crime; birth control pills were rarely prescribed for unmarried women; and abortions were illegal, expensive, and often dangerous. The world inhabited by Maine women in the early 1960s is practically unrecognizable to young women today, thanks to changes brought about by the women's movement and the dedicated, persistent efforts of women

in Maine and the rest of the nation. Maine organizations like the Mabel Wadsworth Women's Health Center, the Maine Coalition to End Domestic Violence, and The Maine Women's Lobby have worked for three decades to improve the quality of life and equality of opportunity for women in Maine. While significant discrimination still exists, a great deal of positive change has transpired since 1960. By fully understanding the magnitude and the history of the changes that have taken place, today's women may more successfully address the inequities that continue to plague Maine society today.

Important Ideas:

1. Unequal Opportunity. Women and men in Maine and the nation did not have equal social, political, economic, or sexual opportunities in 1960.
2. Women Making Change. Between 1960 and today, women experienced significant change in all these regards, mostly as a result of their own individual and collective efforts.
3. Continuing Challenges, Uncertain Outcome. Women now have redress for many overt forms of discrimination, but more subtle forms remain and the direction of change today is unclear.

Essential Questions for Discussion:

1. What might a society look like in which women and men were truly equal in every sense?
2. How is society different from that today? Why?
3. What keeps women from enjoying a full glass in terms of rights, opportunities, and self-determination?
4. In what ways are women working together today to overcome the challenges they face?

Follow-on Readings:

1. Coontz, Stephanie, The Way We Never Were: American Families and the Nostalgia Trap, Basic Books, New York NY, 1992.
2. Rosen, Ruth, The World Split Open: How the Modern Women's Movement Changed America, Penguin, New York NY, 2000.
3. Wandersee, Winifred, On the Move: American Women in the 1970s, Twayne, Boston MA, 1988.
4. Weiner, Marli F., ed., Of Place and Gender: Women in Maine History, University of Maine Press, Orono ME, 2005.

15. Native American in Maine: Toward a New Relationship

by Barry Dana

Abstract: From treaties established with the government of the Commonwealth of Massachusetts in 1796 and 1818, former Penobscot Nation Chief Barry Dana argues that Maine’s Indian tribes at statehood owned fully two-thirds of the land now called Maine. In 1975 the federal government sued the State of Maine on behalf of the tribes, and the resulting Settlement Act of 1980 has shaped life over the past quarter-century for members of the Penobscot, Passamaquoddy, MicMac, and Maliseet tribes living within Maine’s borders. While the Settlement Act recognized the tribes as a defined “sovereign,” legitimizing tribal government, Maine State government has often refused to recognize the tribes’ sovereign status and treated them instead as a minor political subdivision of the State of Maine. Chief Dana shares his personal memories of growing up as a Native American in Maine; and discusses from the Native American perspective the 1980 Settlement Act, Maine’s ongoing casino debate, and Indian development prospects.

Important Ideas:

1. Tribal Government as its own Sovereign. Sovereignty means the right to exercise supreme authority within a limited sphere defined by constitutional and negotiated agreements. This concept, for example, drives the Tribal Government’s relationship with Federal and State agencies in regard to Penobscot River pollution discharges.
2. Divergent Perspectives. Tribal and State government perspectives on the 1980 Settlement Act continue to drive a wedge between Native and non-Native American communities and their governments.
3. Persistent Myths. Contemporary myths continue to plague non-Native America, including those surrounding Columbus’ “discovery” of America, the celebration of Thanksgiving, etc.
4. Why Gaming? The issue of Tribal economic development centered in recent years around the question of gaming, raising troubling issues of opportunity, morality, and possible hypocrisy and discrimination.
5. Living in Two Worlds. Native Americans are asked to be Indian and, at the same time, non-Indian. Talk about a heavy burden: create housing, create economic development, and educate our children – and, at the same time – retain our culture. We work hard in *two* worlds!

Essential Questions for Discussion:

1. How did the Tribe come to sue the State for illegal land transfers?
2. What is the Tribe’s view of the 1980 Settlement Act? If you were a Tribal member in 1980, would you have voted for the Settlement Act?

3. How is sovereignty to be defined (that is, inherent sovereignty v. Federal recognition of Tribal sovereignty)?
4. Why does the State of Maine refuse to recognize Tribal sovereignty in, for example, the continuing disputes over pollution permits in tribal waters, positions on municipality status, and Maine's Freedom of Access law?
5. What are current views held by non-Native Americans in regard to prevalent stereotypes such as Columbus, Thanksgiving, taxation, and "red-skin?" How does the Tribal view differ from non-Natives?
6. The question of morality was used to defeat the casino referendum in 2002. Why did this same morality question not defeat the ensuing "racino" effort? Is it moral to impose your morality on others?

Follow-on Readings:

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2. Rolde, Neil, Unsettled Past, Unsettled Future: The Story of Maine Indians, Tilbury House, Gardiner ME, 2004.
3. "Barry Dana and the People of the White Rocks," Maine Times, Portland ME, March 29, 2001.
4. "Barry Dana," The Boston Globe Magazine, Boston MA, February 20, 2000.
5. "Crossing Over to Indian Island," The Bath-Brunswick Times-Record, Brunswick ME, October 10, 2001.
6. Chavaree, Mark, Penobscot Indian Nation attorney, "Tribal Sovereignty," at www.ptla.org/wabanaki/sovereign.htm
7. For a portrait of Native American communities struggling to preserve their cultural integrity and environmental stewardship in the face of ongoing governmental and corporate power, see Homeland: Four Portraits of Native Action, Bullfrog Films, Oley PA, 2005, available at www.katahdin.org
8. The archives of the Bangor Daily News (www.bangordailynews.com) and Portland Press Herald (www.pressherald.com) contain continuing stories on issues of tribal rights, sovereignty, water pollution control, and the gaming question.

16. Electoral Politics in Maine: Recent Trends, Enduring Archetypes

by Christian Potholm

Abstract: Maine’s political tradition offers a great deal to be proud of, including a preference for feisty, independent-minded legislators with a national view; a culture of political honesty, moderation, and civility; and a political system that remains remarkably open to talent and malleable. In the past 50 years Maine has produced such national leaders as Margaret Chase Smith, Edmund S. Muskie, William Cohen, and George Mitchell; elected two independent governors; and sent more women to the U.S. Senate than any other state. All the while, rising standards and increasing professionalism have made Maine elections more competitive, if more costly. The future of Maine electoral politics is being shaped by national trends in campaigning, especially the identification and targeting of “psychographics” and the enormous cost-driver of television advertising.

Important Ideas:

1. The Center Holds. Maine’s is a “moderate” political culture and moderate candidates and ideas tend to prevail in Maine elections.
2. The Importance of Ethnicity. Ethnicity remains important in Maine politics; and of all our ethnic groups, the most important for electoral purposes is the Franco-American.
3. The Importance of Primordial Archetypes – in particular, the “independent” national figure from Maine who often opposes the president of her or his own political party.
4. The Rise of Psychographics – that is, of voters’ social values, lifestyles, and psychological characteristics as campaign tools and weapons.

Essential Questions for Discussion:

1. In what ways does Maine politics seem to follow similar patterns from decade to decade? Which of these patterns do you think is the most important for understanding our state’s politics?
2. What role does ethnicity – national background or heritage, especially that of Franco Americans – play in the political life Maine? What other ethnic groups are important to the outcome of Maine elections?
3. What are some of the reasons Maine voters have chosen two independent governors, when the major political parties have such a wide range of capable candidates?
4. What differences and similarities do you see in the political lives, philosophies and national roles of Maine’s three women senators – Margaret Chase Smith, Olympia Snow, and Susan Collins?
5. Why do you think Maine has produced so many important national figures such as those three senators plus Senators Ed Muskie, Bill Cohen, and George Mitchell? Do you think Maine people expect their representatives to play an important role on the national scene? Why, or why not?

6. What are the positive and negative impacts on free speech and political discourse that television station managers can have as determiners of what may be said in political ads? Should there be some higher body to which candidates and causes might take their grievances with local station managers?

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1. Cole, John, In Maine, Islandport Press, Lunt Harbor ME, 2001.
2. Connolly, Michael, They Change Their Sky: The Irish in Maine, University of Maine Press, Orono, 2004.
3. Judd, Richard, Edwin Churchill, and Joel Eastman, eds., Maine: The Pine Tree State from Prehistory to the Present, University of Maine Press Orono, 1995.
4. Maisel, Sandy, and Elizabeth Ivry, "If You Don't Like Our Politics, Wait a Minute: Party Politics in Maine at Century's End," in Jerome Mileur, ed., Parties and Politics in the New England States, Polity Publications, Amherst MA, 1997, pp. 15-35.
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Little Spencer Mountain, East Middlesex Canal Grant



Toward Greater Ecological Integrity

17. The Law and Maine's Environment: Toward a New Ethic

by Orlando Delogu

Abstract: Maine's current approach to environmental protection developed over the last four decades in a remarkable display of public leadership, grassroots organization and efforts, and bi-partisan political action. Forty years ago the Androscoggin River was identified as one of the ten most polluted rivers in the nation. Today, Maine boasts pioneering environmental legislation in water pollution control, land use and preservation, shoreland zoning, and solid waste reduction. While the condition of Maine's environment is surely much improved since 1960, the State still faces the daunting problems of Maine Yankee's low level nuclear waste, poor air quality, and land-use sprawl. To address this "second generation" of environmental challenges, new approaches will be needed that go beyond governmental "command and control" and recognize personal responsibility. Maine must also develop and hew to an environmentally acceptable energy policy to ensure that the state is prepared to weather the inevitable future energy crises.

Important Ideas:

1. Environmental Constants and Change. Water and air pollution control, and the need to use land resources prudently require continuing attention; but as events in the larger world impact Maine, matters of energy alternatives, transportation, recycling, waste handling, the scale of new developments, and shortages of essential goods will rise and fall in their need to be attended,
2. The Non-Partisan Environment. We are all in this together: the ambient environment, public health, and the quality of life in Maine affect all of us – liberal or conservative, Republican or Democrat, rich or poor, young or old. We will continue to need intelligent policy responses fashioned in a bipartisan manner.
3. Expect the Environmentally Unexpected. New technologies arise, disasters occur (from avian flu to the speed of global warming), geo-political realities change over time. Our environmental strategies must learn to bend and adapt to these largely unforeseen conditions and phenomena.
4. Environment Without End. Environmental concerns and issues never go away, they are never completely solved. The issues change, evolve over time, are impacted by events in the larger world; but they will require the attention of our best minds indefinitely.

Essential Questions for Discussion:

1. Can one person make a difference with respect to any environmental issue? Can you cite evidence to this effect?
2. In the global scheme of things – that is, of war, genocide, and the threat of nuclear proliferation – where do environmental issues stand? Are they as threatening to the survival, length, and quality of life on earth as are these headline events?
3. Given the nature of environmental systems, will Maine – by virtue of its small population, relative isolation, and large land area – be able to weather whatever environmental cataclysms may occur in the future?
4. Are environmental issues best addressed at the international, national, state, or local level of government?
5. Given their multiple dimensions, what training or field of study will best equip you to deal effectively with environmental issues?

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18. Maine Energy Policy: More Like the Nation

by Cheryl Harrington

Abstract: Maine is more energy-dependent than many states due to its colder climate and more dispersed pattern of human settlement. Modern Maine has moved from reliance on locally-based natural energy sources to full integration into (and dependence upon) the New England regional electricity grid and national oil and gas markets. In the past forty years, reaction to outside influences and events has shaped Maine’s energy policy far more than any pro-active planning efforts. As a result, the state has failed to achieve a long-term, sustainable energy policy. Like the rest of the nation, we react to short-term price increases by finding greater efficiencies and diversifying sources, then neglect or abandon these efforts when prices fall. We fail to recognize the true costs of energy consumption, costs that are paid in environmental damage, increasing

health problems, and threats to national security and to industries that depend on healthy natural ecosystems. Maine's natural beauty is one of the state's greatest assets; to protect this resource and create a sustainable energy policy, Maine must increase energy conservation and efficiency, and diversify energy sources.

Important Ideas:

1. Thinking about Energy. There are a variety of ways to think about energy, each of which reveals part of its complexity: the sources and technologies we use to produce it; its end uses and their efficiency; its cost and price and other economic impacts; its environmental costs and impacts; and its control by markets v. regulation.
2. Alternatives to Fossil Fuels. Maine people, like the nation and the rest of the world, live in the age of fossil fuels dependency. Maine has no indigenous fossil fuels but does have several renewable and potentially important energy resources – solar, wind, biomass, hydro, and tidal.
3. Reaction, not Policy. Maine has not had a long-term, consistent energy policy; rather, it tends to waiver reactively between reliance on market forces and effective use of its regulatory authority.
4. Economically Embedded. The major drivers of energy economics in Maine have increasingly become regional, national, and global in origin.
5. Environmental Considerations. The environmental impacts of energy development, distribution, and use have come to play an increasingly important but inconsistent role in Maine energy policy.

Essential Questions for Discussion:

1. What are the different ways we may think about energy? How do these different points of view affect the development of energy policy?
2. How have cultural and economic changes in Maine affected energy policy, production, and use in Maine? What has caused these cultural and economic shifts?
3. In what ways do energy policy issues repeat themselves? What is the right role for the markets and what is the right role for the regulators in setting Maine energy policy? Is Maine today, once again, “repeating” our energy experiences/mistakes of the past?
4. How might Maine balance our concerns for the environment and our need for energy?

Follow-on Readings:

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2. Lovins, Amory B., “Energy Strategy: The Road Not Taken,” Foreign Affairs, Council on Foreign Relations, New York NY, October 1976.

3. Brennan, Timothy, K. Palmer, and S.Martinez, Alternating Currents: Electricity Markets and Public Policy, Resources for the Future, Washington DC, 2002.

19. Maine's Forest Industry: From One Era to Another

by Lloyd Irland

Abstract: The ways in which we use Maine's forests have changed significantly since 1960, with dramatic implications for employment and community vitality in much of the state. In the 1960s, "lumber and wood products" was a labor-intensive industry with growing markets that were largely insulated from foreign competition. Saw, woodworking, and paper mills were to be found in nearly every city and town across the state, providing stable, well-paid employment for generations of Mainers. The forty years since have brought the environmental movement, increased mechanization, global economics, and land-use sprawl. Together, these developments have forced enormous changes in Maine's forest-based industries. While forest management practices have been honed and developed, large-scale mill employment may well be gone for good. Maine communities and business leaders must find new ways to leverage our forest resources to yield a living in a new economic setting.

Important Ideas:

1. Continuing Importance of Manufacturing to Maine. Despite the decline in recent decades in natural resource-based manufacturing jobs, Maine still relies more heavily on manufacturing jobs than the US as a whole.
2. The Productivity Dilemma. Between the 1960's and 90's, Maine's production of lumber and paper rose steadily, leveled off, and declined a bit in the late 90's. Employment was stable throughout, however, then contracted from the mid 90's under the effects of competitively-driven mechanization, automation, computerization, and increased worker productivity.
3. Continuing Dependence on Forest-based Jobs. Wood products plants and paper mills remain critical to many small rural communities and to all larger mill towns.
4. Altered Community Prospects. The paper mill towns see an aging population, as a shrinking job base leaves younger workers with fewer opportunities; small southern and western Maine towns shift to service centers and bedroom communities; some smaller, more remote communities lose population.
5. Collective Decisions Come Harder. A more contentious and polarized political culture makes it more difficult today to reach compromise and resolve conflicts over forest uses, practices, and policies.

Essential Questions for Discussion:

1. Consider some recent stories in the newspaper or on television about Maine's forest products industry. How do any of these events illustrate the lessons of this chapter?

(Examples include the State's acquisition of Katahdin Lake, the Plum Creek proposal around Moosehead Lake, the proposed Maine Woods National Park, and the threatened shutdown of the Old Town pulp mill.)

2. Consider the chapters on Maine agriculture (S. Smith), fisheries (J. Wilson), and tourism (D. Vail). Do you see any common features among these three resource-based industries and the forest sector? What are they?
3. Think of a town you are familiar with. How do the themes described in these chapters relate to that town?
4. Do you think the future of Maine's forest is important to people who do not live in Maine? Why?
5. Maine has the least public forest ownership of any forested state. Some people believe that one solution to rural job losses is for the government to own a much larger part of Maine's forest. Do you agree?

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20. Maine Agriculture: Adapting to a More Complex Setting

by Stewart Smith

Abstract: Recent reports in the mainstream press portray a Maine agriculture in steady decline, as dairy and potato farmers struggle to compete with large commodity growers elsewhere in the

nation. These reports mask a new and emerging trend which offers great promise for Maine agriculture if it is nurtured and developed effectively. Industrialization has deeply impacted agricultural economies all across the nation and, as a result, farm size has grown while the number of farmers has declined precipitously. The news may sound bleak, but emerging evidence suggests that since the 1970s Maine's agricultural sector has steadily moved in a different direction from the rest of the country. A "dual agricultural structure" is emerging in Maine, with more diversified, small scale farms producing for local consumption. Through more sophisticated techniques of production and marketing, these farms are establishing themselves as a new if more complex model for agriculture in Maine.. While the commodity system will continue to expand and comprise a large portion of the state's agricultural production, "local agriculture" offers new promise for farmers and new options for consumers.

Important Ideas:

1. Industrial Agriculture. The industrialization of Maine agriculture has shifted significant economic activities and returns from the farming to the non-farming sectors of the agricultural system, eliminating the need for many farmers.
2. Crop Monoculture and Specialization. Synthetic fertilizers and pesticides, the use of which became prevalent after World War II, allowed Maine farmers to adopt monoculture practices and to specialize in commodity production.
3. Economies of Scale. Except in a few areas, Maine lacks the land resource base that allows farmers to remain competitive in the commodity markets by expanding farm size and capturing economies of scale.
4. Resurgence of a Local Agriculture. Maine today is enjoying a resurgence in agriculture, as new farmers – using more diversified, complex, and smaller systems – offset the continuing loss of commodity farm numbers.
5. Marketing Margins. Most newer, smaller, more complex farms rely on capturing marketing margins by selling directly or closer to the final consumer.

Essential Questions for discussion:

1. How does the industrialization of agriculture diminish the role of farmers in the agricultural system? What are the implications for farm employment?
2. How did the so-called chemical revolution in agriculture affect cropping choices in Maine, and what were its effects on regional production patterns?
3. What are some similarities and differences between Cochrane's *technology treadmill* and *farm cannibalism*, and Goodman et al.'s *appropriationism* and *substitutionism*?
4. How does Maine's land base influence the ability of Maine farmer's to capture economies of scale? What effect does this have in a competitive market place?
5. What are some differences between Maine commodity farms and local agriculture farms? How do their production patterns differ? How do their marketing patterns differ? What are the connections between them?

6. What are the differences between the policy needs of Maine's commodity agriculture and those of local agriculture? Is it better for Maine citizens that these differences are highlighted or diminished?

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2. Goodman, David, Bernardo Sorj, and John Wilkinson. From Farming to Biotechnology: A Theory of Agro-Industrial Development, Basil Blackwell, New York NY, 1987
3. Smith, Stewart, Pam Bell, and Andrew Files, Understanding the Dichotomy between Industrial Agriculture and Sustainable Agriculture: Types and Characteristics of Maine Farms, NESARE, University of Vermont, Burlington VT, 2004, at www.umaine.edu/mafes/elec_pubs/sare/SARE_Final_Report_Oct04.pdf
4. A new national initiative seeks to renew what is being called the "agriculture-of-the-middle," that is, of mid-scale farms and related enterprises that are unable to market bulk commodities or sell food directly to consumers; at <http://www.agofthemiddle.org/>

21. Maine's Fisheries: Learning to Govern Effectively

by James Wilson

Abstract: Since the 1970s, Maine's fishing industry has been marked by erratic booms and busts. Poor management, unenforceable or un-enforced regulations, and inadequate understanding of and attention to marine ecosystems have contributed to unchecked over-fishing and rapid stock depletions, leading to a "tragedy of the commons." The notable exception to this is the lobster fishery, where fishermen have developed a collective ethic of self-regulated conservation and strictly enforced it. Other fisheries can learn from this example. Successful management of a sustainable fishery requires effective social, not just technical solutions, as well as decentralization of authority and shared decision-making at the local, regional, state, and federal levels.

Important Ideas:

1. A Commons Problem. Managing ocean fisheries is a social, not an individual problem. Fish and most other things in the ocean move at some time in their lives. As a result, it is not possible to create property boundaries as we do on land; we have instead to manage fisheries as a social endeavor.
2. Conservation Requires Mutual Restraint. Unless there are enforceable agreements to restrain fishing, competition drives people to harvest with little care for the resource, as fast and as much as possible. So long as there is a market, this almost always leads to overfishing and depletion of stocks.

3. Finding the Right Rules for Mutual Restraint Is Not Easy. The ecology of the ocean is very complex, so learning what kinds of rules will conserve the resource is neither easy nor obvious. Even if everyone realizes we are overfishing, there remains the practical problem of finding an effective and fair way to conserve.
4. No Scientific Silver Bullets. Good conservation is not simply a scientific or technical problem; scientific and social approaches must be meshed for effective conservation.
5. A New Approach. Maine's lobster fishery is pioneering a new approach to democratic management of fisheries. Lobstermen along Maine's coast have strong incentives to conserve the resource at their doorstep. Local harbor groups have created territories that restrain fishing, and the state has formalized this traditional approach with a system of lobster zones, each with an elected council and the power to change fishing rules whose principal impact is at the local level.

Essential Questions for Discussion:

1. Why does unrestrained competition lead to overfishing? What incentives drive each individual fisherman? Are there fisheries, or species, where this doesn't happen? Why?
2. Look further into the history of the herring fishery or a fishery that is important to your town or family. Did it follow the broad pattern of overfishing we have observed in so many of our fisheries? If not, why not?
3. Why are lobster zones an important experiment in ocean conservation? What makes them different from other ways of managing fisheries? Why do you suppose this approach to fisheries management arose in Maine and not elsewhere?
4. Lobster zone decision-makers can implement rules whose impact is mostly local. Why can't they change other rules?

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2. Acheson, James, Terry Stockwell, and James A. Wilson, "Evolution of the Maine Lobster Co-Management Law," Maine Policy Review, Fall 2000, pp. 52-63, University of Maine, Orono ME.
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22. Tourism in Maine’s Expanding Service Economy

by David Vail

Abstract: Tourism revenues in Maine have grown five-fold since the early 1970s, making tourism now the second largest sector of Maine’s economy, generating \$5.4 billion annually. Because Maine tourism relies critically upon our renewable natural and cultural resources, it offers great potential for sustainable economic development. Still, Mainers have historically remained lukewarm toward tourism, due to such negative side-effects as summer traffic congestion, soaring waterfront real estate prices, frequently low-wage jobs, and sprawling land development. For Maine to benefit more substantially from tourism, greater investment is necessary in its planning and development, and in education, research, and extension efforts. If Maine is able to shape its tourism growth in ways that realize its potential benefits, tourism may emerge as a powerful and welcome economic driver for *all* regions of the state.

Important Ideas:

1. The Concentration of Tourism Dollars. Maine tourism consists of a broad array of services, from whitewater rafting to whale watching; however, nearly ninety percent of tourist spending is concentrated in *four areas*: shopping, dining, lodging, and transportation.
2. The Concentration of Tourists. Tourism has spread to every corner of the state and all seasons of the year; however, the majority of tourists – more than 20 million annually – are concentrated in *coastal Maine in the summer months*.
3. The Challenge Varies by Region. Coastal Maine faces a major challenge in managing the flood of summer tourists, while the major challenge facing the Northern Forest and Downeast regions is to shape destinations that will attract more “experiential tourists” to offset declines in hunting, fishing, and camping.
4. The Challenge of a “Livable” Wage. Tourism has grown to become Maine’s largest source of employment, but a large proportion of tourism jobs are “low end services” that do not by themselves pay a livable wage.
5. The Challenge of Sustainable Tourism. Tourism growth may be viewed either as exploiting places until they are depleted, or as carefully planning and managing growth so that tourism assets are sustained for the indefinite future.

Essential Questions for Discussion:

1. Tourism affects Maine's economy, host communities, and residents in many ways. What are tourism's most important positive contributions? What do you view as its costs or downsides?
2. Over the past few decades, what major changes have occurred in Maine tourism? Why?
3. What forces and trends *outside Maine's control* have shaped and are reshaping tourists' travel patterns?
4. What is your personal favorite Maine destination as a tourist? How has it changed since you first visited? Would more tourists create a danger of "loving it to death"?
5. Why do most jobs in tourism services pay less than a 'livable wage'? What state policies might help create more high quality careers in tourism?
6. What will it take to see that tourism growth will not diminish the resources and qualities that make Maine special and your home region attractive to tourists?

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3. Howe, J., E.McMahon, and L. Propst, Balancing Nature and Commerce in Gateway Communities, Island Press, New York NY, 1997.
4. Maine Department of Economic and Community Development., Strategic Plan for Implementing the Maine Nature Tourism Initiative, prepared by Fermata, Inc., Augusta ME, 2005.
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Index to *Changing Maine, 1960-2010*³

- Abbott, Berenice, 238
Abenaki, 237
abortion, 281
 restrictions on, 285
access
 ease of, in Maine politics, 327
 housing as, 78–80
 price of higher education
 geographic, 146–147
 to quality education, 124
 legislation connected to, 114
 strategies for health care, 98–101
Act Relating to the Coastal
 Conveyance of Petroleum,
 333
Act to Create a Land Use Regulation
 Commission (LURC), 333
Act to Establish Patient's Bill of
 Rights, 106
Act to Implement School Funding
 Based on Essential Programs
 and Services, 129
Act to Regulate the Alteration of
 Wetlands, 333
Adams, Angela, 253
Agenda 21, xxix
Agricultural Census, 400
agriculture
 addressing cost disadvantages
 between commodity and
 local agriculture, 402, 404–
 408
 adoption of rBST (recombinant
 bovine somatotropin) in, 395
 appropriationism, 394–395
 commodity agriculture, 388, 391–
 392, 394, 402, 408
 dual, 388, 389, 390
 emerging paradigm of, 390
 "farm cannibalism," 395
 industrialization of, 394–396
 chemical revolution, 395
 consolidation, concentration,
 and regionalization based on,
 397
 and farm types, 396–397
 mechanical revolution, 395
 local agriculture, 388, 389, 393–
 394, 402, 408
 Maine cash farm receipts without
 aquaculture, 391
 natural resource challenges to, 402,
 404
 need for supplemental irrigation,
 404, 405–406
 policy implications for profile of
 new, 399–402

³ Note: The index was created by Margery Niblock of Portland ME. Italic page numbers indicate graphs, tables, and figures.

- press portrayal of Maine, 388, 389
- regional specialization, 396–397
- relation of food processors to, 407–408
- resurgence of, xxii
- rise of more complex, 397–399
- simplification in, 395
- size consolidation of Maine farms (1880–1997), 397
- substitutionism in, 395
- sustainable, 397–398, 401
- two perspectives of, 391–394
- U.S. domestic agro-food system
 - shares as linear trends, 1910–1997, 396
- Aid to Families with Dependent Children (AFDC), 64
 - benefit increases passed by Maine, 66
- Air Pollution Control Act, 333
- Alden v. Maine* (1999), 179
- Allagash Wilderness Waterway, 335, 438
- Allen, Tom, 126, 316
- American Association of University Women, 283
- American Medical Association (AMA), 94, 96
- American Revolution, 172
- American Woman's Suffrage Association, 279
- Ames, Ted, 413
- Androscoggin River-to-the-Sea trail corridor, 445
- Angela Adams Designs, 253
- Anthem Blue Cross, 107
- apartments. *See also* housing
 - need for construction of, 79
 - Section 8, 83
 - substandard, 72, 73
- Appalachian Mountain Club, 444
- Army Corps of Engineers, 351
- Arthur D. Little study, 432–436
- arts and culture, xvii
 - creative economy, 248–251, 249
 - examples of, 253–254
 - culture wars of the '90s, 243–244
 - disciplines, communities of interest within, 240
- Discovery Research process, 244–245
- federal stimulus and influence, 241–242
- history of Maine's, 237–239
- impact on economy of (2000), 241
- infrastructure in Maine, 236
- Maine Arts Commission, 242
- Maine public leadership, 245–247
- Percent for Art Law, 245
- put down roots, 239–241
- recommendations, 254–256
- tourism related to, 443
- "As Maine Goes" (McKee), 332
- Audubon, John James, 238
- Augusta Mental Health Institute (AMHI), 92
- Austin, Phyllis, xix
- baby boom, xi, 4
 - end of, 6
 - generation, retirement of, xiv
 - wave, continuation of, 10
- baby boomers
 - in 2026, 22
 - back-to-the-land movement among, 8
 - entering labor force, 8–9
 - maturation of, 7
 - passage of Maine's, 4–11
 - 1960, 5
 - 2000, 6
 - projected to 2025, 9
- back-to-the-landers, 8
- Baldacci, John E., 67, 316, 317
 - Act to Implement School Funding Based on Essential Programs and Services, 129
 - appointment of task force dealing with school district consolidation, 130
 - celebration of Robert Indiana's art by, 239
 - commitment of, to bond issue for Land for Maine's Future

- program, 405. See also Land for Maine's Future program
 - commitment to creative economy of, 250
 - Health Action Team, 108
 - health reform under, 110
 - information-gathering and policymaking initiatives undertaken by, 272
 - laptop program, 128
 - Maine Woods initiative of, 445
 - municipal service district concept of, 189
 - Office of Energy Independence, 360
 - school funding and, 188
 - support for local agriculture by, 400
 - support of community college initiative, 144
 - on taxes, 165
 - as wild card regarding higher education, 141
- Bangor
 - declining population in, 188
 - as example of creative community, 251
 - Mabel Wadsworth Women's Health Center, 282
- Bangor Hydroelectric, 349, 357
- Bangor Mental Health Institute (BAMHI), 92
- Bangor Symphony Orchestra, 242
- Barrett, Jo, 390
- Barringer, Richard, 85, 259, 301
 - background of, xxxiv
- Bates College, 143, 240
- Bates Dance Festival, 240
- Baxter, Percival, 45
- Baxter State Park, 45, 343, 444
- Bay Chamber Concerts, 242
- Belcher, Supply, 238
- The Beloit Poetry Journal, 239–240
- Beverage, Albion, 317
- Bigelow Preserve protection referendum, 438
- birth rates, 3, 4
- Bishop, Neil, 319
- Blaine House Conference on Maine's Creative Economy, 250, 254
- Blaine House Conference on Natural Resource-based Industries, 384, 402, 407, 438, 445
- Blakeman, Linda, 203
- Blue Cross and Blue Shield of Maine, 101
 - background of, 102–104
- Blue Ribbon Commission to Study Health Care Costs, 107
- Blue Ribbon Commission to Study Hospitals, 98
- Blue Shield, 93
- Board of Environmental Protection, 333
- bond referendums, 170
- Books, Alice James, 240
- Bourdieu, Pierre, 197, 200
- Bowdoin College, 143, 286, 332
- Bowdoin International Music Festival, 240
- Bowling Alone (Putnam), 197
- Boy Scouts, 209
- Bradford, Peter, 333
- Brennan, Joseph, xix, 66, 316, 321
 - Commission on the Status of Education in Maine, 119
- Briggs, Ezra, xix
- Brookings Institution, xvii
- Brown, Dona, 431
- Brown, Marian Fuller, xix
- Brown, Richard D., 208
- Brundtland, Gro Harlem, xxviii
- Brundtland Report, xxviii
- Brunswick-Topsham Land Trust, 445
- Buffett, Warren, 171
- built environment, 49
 - developing sense of design for, 44
- Bureau of Forestry, 383
- Bureau of Geology and Natural Areas, 383
- Bureau of Health, 91
- Bureau of Indian Affairs, 309
- Bureau of Insurance, 101, 102
- Bureau of Parks and Lands (BPL), 444

Bureau of Parks and Recreation, 383
 Bureau of Public Lands, 383
 Bush, George H. W., 126
 Bush, George W., 66, 318
 budget proposals of, 206
 Energy Bill, 347
 regulatory federalism under, 190
 "Business Charter for Sustainable Development," xxix
 business recruitment. *See also*
 economy
 barriers to, 16
 Byrd, Robert, 318
 Caler, Maxine, 203
 Carlisle report, 138
 Carson, Rachel, xi, xix, xvii, 332
 Carter, Jimmy, 300
 Carville, James, 171
 casino gambling
 Chief Barry Dana responds to
 questions regarding, 309–311
 referendum, 322, 323, 326
 Catastrophic Illness Program, 99
 Census of Manufacturers, 366
 Center for Furniture Craftmanship of
 Metalwork, 253
 Center for Maine Contemporary Art,
 256
 Center for the Study of Responsive
 Law, 332
 Central Maine Power, 181, 335, 347,
 349
 bombing of corporate offices of,
 352
 replacement of senior management
 at, 356
 sale of generating assets by, 357
 Central Maine Railroad, 181
 Certificate of Need (CON) program,
 98, 101, 109
 Charles Stewart Mott Foundation,
 246–247
 child care, 154
 children
 with disabilities, 115
 enrolled in Medicaid, 94
 harmful effects of poverty and
 income inequality on, 62
 in homeless families, 74–75
 living in poverty, 53
 sexual abuse of, 158
 State Children's Health Insurance
 Program (SCHIP), 101
 varied backgrounds of public
 school, 128
 Children's Rights Council, 113
 Chisholm, Hugh, 86–87
 circuit breaker program, 66, 168
 cities, 211–212
 Citizen Survey (2001), 266
 Civil Rights Act, 284
 Civil Rights movement, xviii, 279–
 280
 expansion of, for gay men and
 lesbians, xviii, 283, 289
 civil society
 essence of Maine, 200–201
 focal point of, 196
 and free flow of information, 208
 good news regarding, 204–205
 learning civic culture, 208–209
 and local governance, 203–204
 in Maine, defined, 195–196
 and social capital, 197, 200
 some lessons from Estonia, 205–
 206
 and sprawl, 202
 "Clean Elections Act" of 1996, 317
 Clean Water Act, 227, 294, 305
 clear-cutting, referendum to ban, 322,
 383
 Clinton, Bill, 65, 98, 101, 126
 Cochrane, Willard, 394
 Cohen, William, 314, 315, 318, 320
 Colby College, 143
 Cole, John, v, 332–333
 Coleman, James, 197, 200
 Cole, Thomas, 238
 Colgan, Charles, xiii, xxix
 background of, 49
 College of the Atlantic, 232
 Collins, Susan, 316, 318, 321
 Colson, Christy, 390

Colson, Dave, 390
 Colwell, Patrick, 114
 combined-cycle combustion turbine technologies (CCCT), 348
 Commission on the Status of Education in Maine, 119
 commodity agriculture, 388, 391–392, 394, 402, 408
 differences between local agriculture and, 398–399
 Common Cause, 201
 Common Core of Learning, 120–122
 core areas comprising, 120
 community
 civic values and, xvi
 consumer advocacy, in Maine, 110
 ending of rural, 220
 farm connection with local, 389
 in forest environment, 377
 harmful effects of poverty and income inequality on, 63
 housing as, 80, 82–83
 life
 richness added by nonprofit organizations to, 262
 splintering of, 197
 negative aspects of sprawl on, 339
 physical elements of contemporary, 220
 role of nonprofit sector in creating, 270
 sense of, necessary for democracy, 197
 shared, 60
 ten useful principles of sustainable, xxxi–xxxii
 Community Action Programs, 64, 154
 community colleges, 134
 enrollment in, 133
 technical colleges become, 142–143
 Community Development Block Grants, 83, 189
 Compact for Maine's Forests, 339
 The Company State (Center for the Study of Responsive Law), 332
 Comprehensive Employment and Training Act (CETA), 64
 Congress. See also United States
 banning of late-term abortions by, 285
 cutting of taxes by, 171
 education legislation passed by, 115
 and governance of oversight for Medicare and Medicaid recipients, 104
 laws prohibiting discrimination passed by, 284–285
 regulatory apparatus developed by, 105
 conservation
 choices, 45. See also land trust movement
 community, legal challenges affecting fishing industry initiated by, 415
 easements, 369
 funding, private, 369
 ocean, 420
 ownership, new age of, 385
 problems of fisheries, 425–426
 self-regulated, in lobster fishery, 410, 416
 Conservation Law Foundation, 336
 consolidated school districts, 117
 consumer advocacy, 110
 Corey, Walter, 333
 counterculture, 279
 courts, Maine, 177, 179
 relationship between Maine Supreme Judicial Court and U.S. Supreme Court, 179
 Cox, Peter, v, 332–333
 creative economy, 248–251, 249
 commitment of Governor Baldacci to, 250
 components of, 249–250
 examples of, 251, 253–254
 need to support and grow, 254
 The Creative Economy Initiative: The Role of the Arts and Culture in the New England

- Economy (New England Council and New England Foundation for the Arts), 248–249
- Cuban missile crisis, xi
- Cultural Affairs Council, 246, 256
 - New Century Community Program, 246–247
- The Culture Wars, 243–244
- Cummings, Bob, xix
- Curtis, Kenneth, xxv, 153, 165, 180, 181, 320, 333, 336
 - environmental management and protection under, xix
 - reorganization of state government by, 383
- Daly, Herman, xxviii
- Dana, Barry, xviii
 - background of, 313
 - on casino gambling, 309–311
 - personal recollections, 296–297
 - the 1960s and 1970s, 297–299
 - the 1980s, 299–301
 - questions and answers, 308–312
- DaPonte String Quartet, 240
- DeAngelo, James, 203
- death rates, 3, 93
- Defense of Marriage Act, 289
- deinstitutionalization, 74, 92
- Delogu, Orlando, xx
 - background of, 345
- Democracy in America (Tocqueville), 196
- demography
 - forces tied to nonprofit sector, 270
 - higher education and, 143
 - shaping Maine's destiny, 3
- density
 - attitudes about, 210, 227
 - increasing patterns of residential, 42
 - myths about, 227, 229
 - need for allowing moderate residential, 233
 - negative aspects of suburban, 229
- Department of Agriculture, 400, 405, 443
- Department of Commerce and Industry, 438
- Department of Conservation, 335, 383
- Department of Economic and Community Development, 438, 446
- Department of Education, 154
- Department of Human Services, 100, 154
- Department of Labor, 157, 169, 442
- Department of Marine Resources, 423
- Department of Transportation, 154
 - Explore Maine tourism transport plan, 444
- dependency ratio, 10
- design codes, 44, 232. See also Great American Neighborhood
- development
 - and high-risk areas of environment, 232
 - loss of farmland to, xvi–xvii
 - mixed-use, 232
 - pattern of sprawling, 339
 - proposals, need to expand state's role with large-scale, 344
- Devlin, Robert, 161
- Dewey, John, 209
- Diamond International, 369
- Dighe, Atul, 269–270
- Diminished Democracy (Skocpol), 201
- Dirigo Health Plan, 88, 142
 - description of, 108–110
 - funding mechanism, 109–110
- disabled people
 - children, 66
 - Education for All Handicapped Children Act, 115
 - developmentally, 92
 - state coverage for, 158
 - housing problems of, 73
 - living below poverty level, 54
 - receiving welfare assistance who are single parents, 66
- Discovery Museum, 251
- Discovery Research process, 244–245, 254

- divergence, geographic, 22–26
 - 1960 to 2000, 23
- diversity, 67
 - ethnic, 270
 - importance to Maine's future of, 16–17
 - lack of, xiii
- Division of Community Health (Bureau of Health), 91
- Domaine School, 239, 240
- Domesday Book, 156, 166
- domestic violence
 - full-time lobbyist monitoring
 - legislation affecting issues of, 282–283
 - legal access for protection against, 291
 - Maine Coalition to End Domestic Violence, 281
 - Spruce Run, 280–281
- Dominie, Holly, 83
- Douglas, William, 332
- Downeaster service, 444
- Down East Heritage Center, 443
- Drucker, Peter, 146
- Duchesneau, Thomas, 146
- Duncan, Cynthia, 195–196
- Durgin, Warren, 201
- Early Head Start, 154
- Earned Income Tax Credit (EITC), 65
 - expansion of, 66
- Earth Day, 333
- Eastern Maine Medical Center, 282
- Eastland, James, 318
- Eco-Eco, 232
- economic development
 - barriers to, 16
 - challenge of, for Native Americans, 309
 - expectations for higher education to become engine of, 136
 - promise of tourism for sustainable, 429
 - relationship of affordable housing to, 78–80
- Economic Distress and the Changing Nature of Rural Maine, 17
- economy
 - achievements of post-World War II national, xi
 - attraction of knowledge industries to knowledge workers, 146
 - beneficial effect of independent power industry on, 353
 - change in
 - 1970–2000, 30
 - structure of, 30
 - choices for, facing Maine, 41–42
 - commitment to good design, 44
 - governance, 45, 47–48
 - land conservation, 45
 - patterns of commercial growth, 42, 44
 - patterns of residential growth, 42
 - transportation, 44–45
 - creative, 248–251
 - components of, 249–250
 - examples of, 253–254
 - depressed, falling sales tax revenues during, 161
 - economic growth and change, 1970–2000, 29–32
 - economic self-sufficiency, 56
 - health care, 97. *See also* health care impact of nonprofit arts and culture segment on (2000), 241
 - importance of agriculture to, 392, 393
 - importance of urban regions to fate of, 48
 - "knowledge," xv
 - knowledge-driven, 141–142
 - low average wages in tourist-dependent, 434
 - and Maine's future prosperity, needs of, xxiv
 - necessity of two-career families due to, 197
 - and nonprofit organizations, 262–264
 - ongoing transition in, 28
 - safety net services counter-cyclical to, 164

- shift toward service, 39
 - and retail, 383
 - and trade, 370
 - similarity of U.S. and Maine, 48
 - "third" sector of, xviii
 - tourism, as second largest sector of Maine's, 428
 - transition of, 87
 - "urbanization" of Maine, xiii
 - urban jobs, suburban living, 32–34
- ecotourism, 444. See also tourism
 - development of accreditation program for, 447–448
- edge cities, 37
- education, 130
 - expenditures for special, 115
 - higher. See higher education
 - K-12. See public school system
 - public, xv. See also public school system
 - reasons for increased costs of, 160–161
 - spending over past forty years, 114
 - wages segregated by, 57
- Education Amendments (1972), 284
- Education for All Handicapped Children Act, 115
- Education Reform Act (1985), 114, 119–120
 - provisions, 120
- Education Week, 160
- Egan, Andrew, 382
- Ehrenreich, Barbara, 55–56
- Eisenhower, Dwight D., xi, 318
- elderly. See also retirees
 - adapting housing to needs of poor, 73
 - impact of Medicare program on, 94
 - reduction of poverty among, 52, 64
 - in rural Maine, 264
 - tax refunds for, 66
 - women, 291
- Electric Industry Restructuring Act, 336
- electricity, 349, 350, 357
 - contracting by PUC for, 359
 - drop in cost of producing, 357
 - from renewable resources, 353, 356
 - wholesale purchases of, from independent power producers, 353
- Elementary and Secondary School Act. See No Child Left Behind Act (NCLB)
- Employees Retirement Income Security Act (ERISA), 179
- employment
 - associated with tourism, xxii
 - growth of government, xvi
 - increase in, 29
 - in Maine, 1970 and 2000, 31
 - Maine non-farm, 1940–2000, by industry, 367
 - by nonprofit organizations, xviii, 262–264
 - opportunities for women, 284, 287
 - opportunities in tourism, 442
 - in paper mill towns, 378
 - provided by sawmills, woodworking, and paper mills, 362
 - specialization, 1970 and 2000, Maine and U.S., 32
- energy, xx
 - 1960s: good times, 349–351
 - 1970s: turmoil and new ideas, 351–353
 - 1980s: rise of the independents, 353, 356–357
 - 1990s: greater reliance on private markets, again, 357–358
 - 2000 and beyond, 358–361
 - consumption costs to environment, 346, 349
 - economic aspects of, 348–349
 - efficiency, 348
 - electrical, from renewable resources, 353, 356
 - end use analysis of, 348
 - escalation in cost of, 352
 - lessons learned, 360–361
 - nuclear power. See Maine Yankee NUGs, 353

- policy, lack of long-term sustainable, 346
- resources used to produce, 347
- technology used to create, 348
- Energy Bill, 347
- Energy Conservation in Buildings Act, 335
- Energy Resources Council, 336
- environment, xix–xx
 - bottle redemption, 335
 - burst of legislation related to, 333, 335–336
 - costs of energy consumption to, 346, 349
 - costs of tourism to, 445
 - demand for energy decisions to reflect impact on, 351
 - development and high-risk areas of, 232
 - early years, 331–333
 - ecotourism and, 447–448
 - goals for early twenty-first century, 342–345
 - harmful effects of pulp and paper industry on, 332
 - mistakes made regarding, 337–339
 - political addressing of, 383
 - public policy on, in 1960, xix and sustainable development, xxvii–xxix
- Environmental Protection Agency (EPA), 294, 304
 - creation of, xix
- Equal Employment Opportunity Commission, 284
- Equal Rights Amendment, 285
- Erwin, James, 319, 320
- Essential Programs and Services Model, 128
- Fare Share Market, 253
- Farm and Ranch Lands Protection Program (FRPP), 405
- Farmers Home Administration (FHA), 64, 74, 83, 229
- Farmland and Open Space Tax Law, 405
- farms, xiii, xvi–xvii, 388
 - diversified, 390, 398
 - increasing numbers of, 389
 - size consolidation of Maine farms (1880–1997), 397
 - stability of numbers of, 397
- Farms for the Future (FFF) programs, 401
- Farnsworth Museum, 251
- Federal Clean Air Act, 338
- fisheries
 - under stress, xxii
- fishing industry
 - demise of urchin fishery, 411
 - Maine sea urchin landings and value, 412
 - erratic booms and busts in, 410
 - groundfishery, 412–415
 - dragger fleet, 413
 - herring fishery, 418–419
 - lobster fishery, 410, 415–418
 - establishment of system of lobster zones, 417–418
 - ethic of self-regulated conservation enforced by, 410
 - Maine lobster landings 1900–2002, 417
 - new conservation ethic of, 416
- Marine Patrol, 416
- policy implications for
 - groundfishery, 421–424
 - lobster fishery, 424–425
- quota approach in, 414
- sustainable fisheries
 - needs of, 410
 - problem of scale and, 419–421
- U.S./Canadian maritime boundary set by World Court, 414–415
- Fishman, Robert, 213
- Florida Power and Light Company, 357
- Florida, Richard, 248
- folk traditions, 238
- Food Stamp Act, 64
- Ford administration, revenue sharing, 189
- Ford Foundation, 195

- Fordham Institute for Innovation in Social Policy, 67
- Forest Compact, 322, 325
- forest management, 368, 385–386
- forest products industry
- background, 366–367
 - challenges facing, xx
 - changes in, 368–369
 - changing civic culture and new policies, 382–384
 - distribution of primary wood-processing plants—1970, 375
 - effects of globalization on, 370–371, 376
 - employment peak of, 370
 - future prospects for, 384–386
 - historical vignettes, 363
 - need for electrical energy by, 349
 - number of plants, lumber and wood products industry, 1949–1997, 374
 - paper industry—1999, 379
 - paper mill towns, 377–378
 - employment, 378
 - at the present time, 369–371
 - problems with cutting and hauling, 381–382
 - production of power by, 353
 - spruce budworm epidemic, 383
 - success of small companies in wood business, 376
 - wood products towns, 371, 374, 376–377
- forests, xiii, xx
- important values of, 385
 - managing, 385–386
 - occupied by managed stands, 384
 - output, 369
 - resource, decline of, 370
 - underutilized, 368
 - using, for fuel, 353
- Fort Halifax Packing Co. v. Coyne (1987), 179
- Fortman, Laura, 286
- Foundation for Blood Research, 144
- Fox, Scott, 153
- free trade agreements, 68
- From Farming to Biotechnology: A Theory of Agroindustrial Development (Goodman, Sorj, and Wilkinson), 395
- Frontiero v. Richardson, 285
- G-7 Summit, xxviii–xxix
- gag rule, 281
- Garreau, Joel, 37
- gasoline, 349
- Gates, Bill, 171
- General Fund, 165, 169, 241
 - appropriations given to Maine's state arts agency by, 241
 - loss of appropriation to arts from, 243
- George III (king of England), 172
- Georges Bank, 413–414
 - Hague Line bisection of, 414
 - herring spawning groups on, 419
 - perturbation of ecosystem in, 414
- Georgia Pacific Corporation, 369, 370
- GI Bill, xi
- Gilbert, Cass, 86
- Girl Scouts, 209
- Girls' Day at the State House program, 283
- globalization, 68
 - effects on forest products industry of, 370–371, 376
 - of Maine's traditional industries, xii
 - tourism and, 445
- Goldsmith, Sir James, 369
- Goodman, David, 395
- Goranson Farm, 390, 392–393
- Goranson, Jan, 390
- government. See Maine government
- Governor's Blue Ribbon Report on Cost Management (1973), 138
- "Grandpa and Jennifer" test, 233
- Grange, 200–201
- Great American Neighborhood, 82, 83, 85, 202, 232
- "Grandpa and Jennifer" test for, 233
- hallmark of, 233

Great Northern Paper Company, 363, 369
 Great Society, xii, xvii
 Great Society program, 157, 165, 241
 Green Design Furniture, 253
 Green, Doug, 253
 Greenleaf, Moses, 234
 Griswold v. Connecticut, 285
 GrowSmart Maine, 202, 232
 Growth Management Act, 230–231
 Guilford Industries, xxxi
 Gulf of Maine, 413–414
 ecosystem
 impoverishment of, 426
 lack of knowledge regarding, 416
 perturbation of, 414
 need for access to resources of, 422
 stocks, assessment of, 419
 Gulf of Maine Research Institute, 144
 Handel Society of Maine, 238
 Hardin, Garrett, xxviii, 212
 The Harmony of Maine (Belcher), 238
 Harrington, Cheryl, xx
 background of, 361
 Harrington, Michael, xiii, 64
 Hart, Heidi, 69
 Hartley, Marsden, 238
 Haskell, James, 333
 Hathaway, William, 320, 321
 Haystack Mountain School of Crafts, 239, 240
 Head Start, 64, 154
 health
 relation of income inequality to, 60, 62
 status, predictors of, 60
 Health Action Team, 108
 health care
 access strategies, 98–101
 bureaucratized industry of, xiv
 complexity of, 89–90
 costs, rise of Maine, 106–107
 federal impact on Maine, 92–93
 growing responsibility in state government, 91–92
 hyperinflation in, 158–159
 industry in trouble, signs of, 107
 inflation, effect on state tax receipts of, 159
 insurance market regulation: from laissez-faire to comprehensive management, 101–104
 Maine's innovative policy responses to, 97
 Medicare, Medicaid, and managed care, 104–106
 momentum for Dirigo reform, 106–108
 needs of women, 281–282
 non-system, xxiii
 policy, challenges to effective, xv
 policy leadership in Maine, regarding, 90
 referendum campaign in Portland, 107
 reform goes to front burner, 108
 snapshot from fifty years ago, 90–91
 state policy efforts to contain costs of, 97–98
 today, 89
 Health Care Financing Administration (HCFA), 96
 Health Insurance Association of America (HIAA), 159
 Health Insurance Portability and Accountability Act (HIPAA), 104
 Health Plan Accountability Act, 106
 Health Plan Improvement Act, 106
 higher education, 133–150
 attraction of knowledge industries to knowledge workers, 146
 continuing barriers to, xxiii–xxiv
 costs of pursuing, 132
 direction of change, 144–149
 funding mechanisms, 147
 many small units, 146–147
 operational improvements, 146
 strategy, economic strategy as, 145–146
 student financial aid, 149

- two systems with increasingly shared agenda, 148–149
- and economic development expectations, 136
- forces for change, 141–144
 - budget woes, 142
 - fewer high school graduates, 143
 - knowledge-driven economy, 141–142
 - new governor, 144
 - public mission of private institutions, 143–144
 - technical colleges become community colleges, 142–143
- growth in, 156
- how Maine is different, 136–138, 140–141
 - civility within, 138
 - forces for change, 141
 - frequent criticism and calls for reform, 138
 - informal solutions, 140–141
 - largely deregulated environment, 140
 - organizational stability, 137
- institutions, expectations of Maine people from, 135
- participation and attainment rates, 133
- public, xv
- structure and expectations in Maine, 134–136
- High Risk Insurance Program, 99
- High Risk Pool, 99–100, 104
- Highway Fund, 156
- Hildreth, Horace, Jr., 336
- Hill-Burton Act, 93
- Hillel, 195, 209
- HMOs, 104–105
- homelessness, 60
 - contributing factors to, 74–75
- Hospital Association, 98
- households
 - female-headed or single-person, 288
 - Maine's changing, 11–13
 - 1960 and 2000, 12
 - owning their own homes, 73
 - two-income, 154, 197
- housing
 - as access, 78–80
 - affordable, xiv
 - apartments, 72, 73
 - areas where Maine should assert leadership, 84
 - as community, 80, 82–83
 - functions of, 71
 - growing demand for, 37
 - implications for state policy, 83–87
 - innovation in Maine, 82
 - policy, need for proactive, 87
 - prices, 78
 - in relation to incomes, 73
 - relationship of affordable, to economic development, 78–80
 - rental, 74
 - as shelter, 72–73
 - stock, need for diverse, 80
 - trailers, 72, 73
- Housing Act of 1949, 83
- Huber, Sherry, xix, 319
- human services, growth in, 156, 157
- Hunt, John, 238
- Husson College, 133, 143
- Hydro-Quebec, 353
- immigrants, 13–17
 - early, 238
 - refugee resettlement programs, 270
 - resistance to, 68
- The Impact of Arts Education on Workforce Preparation, 247
- income. See also income growth; income inequality
 - average weekly earnings and job growth by Maine industry, 54
 - of women, 286–287
- income growth. See also income; income inequality
 - by fifth of families, Maine family late 1970s to late 1990s, 61
 - late 1980s to late 1990s, 61

- by fifth of families, U.S. family
 - 1947–1979, 59
 - 1979–1999, 59
- pattern, Maine's, 58, 60
- income inequality, 50. See also
 - income; income growth
 - harmful effects of, 60, 62, 63
 - public policies contributing to increase in, 60
 - rise of Maine's, 58
- income tax, 154, 157
 - instability and unpredictability of, 166
 - reliance on, 161–164
- Indiana, Robert, 239
- Indian Island, 295
- Industrial Revolution, 213, 227
- Institute for Women's Policy
 - Research, 287
- Insull, Samuel, 347
- International Chamber of Commerce, xxix
- International Paper Company, 369, 378
- Internet
 - distance education via, 137, 147
 - new forms of social activism facilitated by, 270
 - opportunities for tourism making use of, 445
- Inventing New England (Brown), 431
- Irland, Lloyd, xx
- Irland, Lloyd C.
 - background of, 387
- Island Explorer bus service, 444
- Jackson Labs, 144
- Jackson, Robert, 213
- Jacobs Report, 116
- J. L. Jacobs & Company (Chicago), 115
- Johanson, Rob, 390
- John F. Kennedy School of Government (Harvard University), 197, 247
- Johnson, Arthur, xxiii
- Johnson, Lyndon B., 64, 157, 165, 236, 241, 318
 - extension of civil rights provisions to women under, 284
- Great Society, xii, xvii
- War on Poverty, xiii, 64, 65
- Kelly, Richard
 - maps, xxxiv, 35, 38, 43, 221–223, 375, 379
- Kennedy, John F., xi, xix, 64
 - New Frontier, xii
- "Kicking in Groups" (Leeman), 200
- Kilbreth, Elizabeth, xv
 - background of, 111
- King, Angus, Jr., 67, 316, 319, 321
 - Blue Ribbon Commission to Study Health Care Costs, 107
 - fostering of retirement industry by, 11
 - laptop program, 127–128
 - raising of unemployment compensation fund reserves under, 169
 - welfare reform under, 67
- King, Dennis, 390
- King Hill Farm, 390
- King, Stephen, 136
- King, Tabitha, 136
- Kneisel, Franz, 239
- Kneisel Hall, 239, 240
- Koffman, Theodore, 232
- Ku Klux Klan, 200
- L/A Arts (Lewiston-Auburn), 239
- land conservation, 45
- Land for Maine's Future Board, 336, 343
- Land for Maine's Future program, 45, 231, 369, 444–445
 - bond issue to continue work of, 384
 - commitment of governor to, 405
- land preservation movement, 231
- land trust movement, 202, 231, 444–445. See also conservation
- land use, xvii
 - active, 212
 - for consumption purposes, 213, 220
 - expansion of, 225–226

- Maine
 - 1940, 221
 - 1980, 222
 - 2020, 223
- mistakes regarding, 339
- organizing, for humans, 211–213
- for production purposes, 212
 - transition away from, 225–226
- responding to the challenge, 230–234
- for speculation and exchange, 212, 213
- suburbanization of, 70. See also sprawl; suburbanization
- suburban mandate, 226–227, 229–230
- transition from rural to suburb, 216, 219–220, 224–226
- Land Use Regulation Commission, 383, 438
- LaPlante, Josephine, 161
- Lapping, Mark, xvi
 - background of, 209
- League of Women Voters, 283
- Learning Results, 120–122, 167, 209
 - changes brought about by, 121
- Leeman, Nicholas, 200
- Legislative Council, 183
- Leopold, Aldo, xvii
- Libby, James, 137
- Libra Foundation, 443
- Lipez, Kermit, 333
- liquefied natural gas (LNF), 358
- livable wage, 56–57
 - annual income compared to other benchmarks for family of three in 2002, Maine, 57
- L. L. Bean, 326, 433, 439
- local agriculture, 388, 389, 393–394, 402, 408
 - development of program to support, 400
 - suggestions for content, 400–402
 - differences between commodity farms and, 398–399
- Lockard, Duane, 175
 - thesis of, xxv–xxvi
- Longley, James, Sr., 138, 319, 321
- Lott, Trent, 318
- Louisiana Pacific Company, 382
- Loving v. Virginia, 285
- Lund, Jon, xix
- Luoma, Jon
 - illustrations, xxi, 15, 20–21, 40, 46, 62, 76–77, 81, 95, 118, 139, 162–163, 178, 198–199, 207, 214–215, 228, 252, 266–267, 290, 303, 334, 340–341, 354–355, 364–365, 372–373, 392–393, 403, 422, 434–435, 437, cover
- Lynn, Dahlia, xviii, 196
 - background of, 273
- Lyons, Charles, 147
- Mabel Wadsworth Women's Health Center, 274, 281–282
 - picketing of, 285–286
- MacTaggart, Terrence, xv
 - background of, 151
- Mageean, Deirdre, xiii
 - background of, 27
- Maine
 - anti-tax fury in, 63
 - assistance given by, to help poor, 66–68
 - baby boomers, passage of, 4–11
 - 1960, 5
 - 2000, 6
 - borrowing through bonds in, 170–171
 - branding, as Creative Economy State, 255
 - change in industrial base of, 30–32
 - changing households in, 11–13
 - 1960 and 2000, 12
 - civic culture of, xvi
 - "Clean Elections Act" of 1996, 317
 - demise, deregulation, and globalization of traditional industries in, xii
 - distinct political-economic eras of, xxvi–xxviii

economic growth and change,
 1970–2000, 29–32
 edge cities in, 37
 effect of escalation in health care
 costs on, 158
 energy use per capita in, 348
 expectations for state services in,
 157–158
 exporting Vacationland, 430–431.
 See also tourism
 fostering of retirement industry in,
 11
 Freedom of Information law, 304
 geographic divergence of, 22–26
 1960 to 2000, 23
 geographic isolation of, xvi
 "Golden Age" of, xxvii
 government. See Maine
 government
 great growth spurt in, 156–158
 image of, 262
 improvements needed in, xxiii–
 xxiv
 income inequality in, 50
 intimate style of politics in, 110
 K-12 public school system, 113–
 130
 Ku Klux Klan in, 200
 life, "Americanization" of, xxiii
 metropolitan areas, 33–34
 1960–2000, 35
 and micropolitan areas, 2000, 38
 and urbanized places, 2000, 43
 migration, 4, 79
 minimum-wage workers in, 56
 missing populations, 13–17
 minorities, in 2000, 14
 model of leadership in, xxv–xxvi
 national leaders from, 314. See also
 specific individuals
 and the nation, comparisons
 between, 3–4
 economy, 31
 employment specialization,
 1970 and 2000, 32
 Native Americans in, 295–312
 need for different housing goals
 and policies for different
 parts of, 75
 need for government role in
 housing and community
 development, 84–87
 historical precedents, 86–87
 nonprofit organizations per capita
 in, 258
 North Woods, 213, 325, 342–343,
 370, 437–438, 447
 "bonded" workers in, 381
 people without health care
 coverage in, 99
 per capita personal income ranking,
 33
 Percent for Art Law, 245
 policy leadership, reflections on,
 110–111
 preparation for uncertain future of,
 xxiv
 real estate, as most important
 attribute of, 167
 recognition for, in state cultural
 policy leadership, 255
 regional poverty in, 53–54
 regulatory reform in small group
 insurance market, 104
 rich cultural history of, 237–239
 rise of health care costs in, 106–
 107
 rise of urban, 29
 role of, in demand and supply sides
 of electric markets, 359
 rural, 47–48
 "social health" ranking of, 67
 society, demographic forces
 affecting, 2
 spending for education, 160–161
 state and local governmental
 employment in the United
 States and in, 187
 suburbanization of, 17–19, 22
 taxes, 63, 67
 tradition of activist women in, 278–
 279
 transformation of, xi–xxxiii

- changes since 1960, xi–xii
- some questions and learnings, xxii–xxvi
- toward greater ecological integrity, xix–xx, xxii
- toward greater economic viability, xii–xix
- toward more sustainable communities, xxix–xxxiii
- toward the fourth era in history of, xxvi–xxix
- Unorganized Territory, 333
- urbanization of, xiii
- values of, 259
- Maine Alliance for Arts Education, 240
- Maine Archives and Museums, 240
- Maine Art Museum Trail, 254–255
- Maine Arts Commission, 236, 238, 241, 246, 443
 - forming partnerships in private sector and, 255
 - grant programs, 242–243
 - loss of money by, 243
 - policy change in, 244
- Maine Association of Nonprofits, 272
- Maine Audubon Society, 336
- MaineCare, 97, 108–109. See also Medicaid
- Maine Centers for Women, 283
- Maine Central Railroad, 432
- Maine Charitable Mechanic Association, 238
- Maine Coalition to End Domestic Violence, 274, 281
- Maine Coastal Island Registry, 335
- Maine Coast Heritage Trust, 45, 231, 336
- Maine College of Art, 238
- Maine Community College System, xv, 134, 137
- Maine Community Foundation, 204–205, 247–248, 272
- Maine Crafts Association, 240
- Maine Department of Agriculture, Food and Rural Resources, 405
- Maine Department of Environmental Protection (DEP), 306
- Maine Department of Inland Fisheries and Wildlife (IFW), 444
- Maine Development Foundation, 266, 272
- Maine Downtown Center, 253
 - forming partnerships in private sector and, 255
- Maine Economic Growth Council, "livable wage" standard, 442
- Maine Education Assessments (MEAs), 120
- Maine Electricity Restructuring Act of 1997, 357
- Maine Federation of Women's Clubs, 279
- Maine Forestry District (MFD), 382
- Maine Forest Service, 371, 374
- Maine government
 - challenges to, xxv
 - citizen involvement in, xvi, 176
 - civil society and local governance, 203–204
 - consolidated, 47
 - county, 186
 - employment, growth of, xvi
 - employment in local, 187, 188
 - executive department, 179–181
 - growing responsibility in state, regarding health policy, 91–92
 - growth of local, 184–189
 - harmful effects of income inequality on, 63
 - judicial branch, 177, 179
 - lingering general cynicism toward, xii
 - looking toward 2010, 191–192
 - political values and policymaking, 175–176
 - professionalization of, xvi, 176–177, 179–183
 - receding federal partner, 189–190
 - reorganization of state, by Governor Curtis, 383
 - state legislature, 182–183

- style of, 191–192
- town and city manager
 - administration, 185
- transformation in, 175
- values clash, 174
- Maine Health Care Financing
 - Commission (MHCFC), 98
- Maine Health Program, 100–101
- Maine Historical Society, 238, 246
- Maine Historic Preservation
 - Commission, 246, 253
 - forming partnerships in private sector and, 255
- Maine Housing Authority, 255
- Maine Humanities Council, 242, 246
- Maine Human Rights Commission, 291
- Maine Indian Basketmakers Alliance, 237
- Maine Indian Land Claims Settlement
 - Act of 1980, 294
 - from American independence to, 295–296
 - effect on Maine of, xviii
 - federal money given at signing of, 308
 - signing of, 300
- Maine Island Trail, 443–444
- Maine Island Trail Association
 - (MITA), 444
- Maine Landscape Garden Trail, 444
- Maine League of Historical Societies and Museums, 240
- Maine Learning Results (1997), 114, 129
- Maine Learning Technology Initiative
 - (MLTI), 127
- Maine Lesbian/Gay Political Alliance, 283–284
- Maine Library Association, 256
- A Maine Manifest (Barringer), xxii–xxiii, xxvi
- Maine Maritime Academy, 134–135, 140, 286
- Maine Maritime Museum, 242
- Maine Municipal Association (MMA), 171, 188, 204, 322
- Maine Office of Tourism, 438, 443, 446
- Maine People's Alliance, 107
- Maine Philanthropy Association, 272
- Maine Philanthropy Center, 247
- Maine Policy Review, 201
- Maine Preservation, 240
- Maine Preservation for Arts
 - Education, 256
- Maine Public Broadcasting Network, 255
- Maine Public Radio, 208
- Maine Public Service, 349, 357
- Maine Public Television, 208
- Maine Public Utilities Commission
 - (PUC), 351
 - contracting for electricity by, 359
- Maine Quality Forum, 109
- Maine Resident Homeowners and Renters Property Tax Relief Program, 66
- Maine Sea Kayak Guides and Instructors (MASKGI), 444
- Maine State Archives, 246
- Maine State Commission on the Arts and the Humanities, 241, 242
- Maine State Housing Authority, 73
- Maine State Library, 246
- Maine State Museum, 246
- Maine State Music Theater, 242
- Maine State Park and Recreation
 - Commission, 335
- Maine Sunday Telegram, 320
- Maine Supreme Judicial Court, 177, 179, 185
 - Moody Beach cases, 343
- Maine Times, 181, 332–333
 - demise of, 208
- Maine Tourism Commission, 438, 446
 - Natural Resources Committee, 438, 446–447
- Maine Turnpike, 366
- Maine Turnpike Authority, 183
- Maine Vacation Travel Analysis
 - Committee (VTAC), 432
 - recommendations, 436–438
 - study commissioned by, 432–436

- Mainewatch Institute, 377
- Maine Women's Fund, 283
- Maine Women's Lobby, 274, 282–283, 286
- areas of concern for, 283
- Maine Woods initiative, 445
- Maine Writers and Publishers Alliance, 240
- Maine Yankee, 330, 350
- acceptance of nuclear energy at, 335
 - building of, 337
 - completion of, 351
 - decision to dismantle, 357
 - referendum, 356
 - shutdown referendum, 322
- Maine Yankee Atomic Power Company. See Maine Yankee
- Making Democracy Work (Putnam), 197
- Maliseet tribe, 294, 295
- managed care plans
- major strategy of, 105
- Mandatory Shoreland Zoning and Subdivision Control Act, 333
- manufacturing, 369–370
- in 1960, 366
 - growth of durable goods, 31
 - jobs, loss of, 30, 41
 - in late nineteenth and first half of twentieth centuries, xx
 - shrinking of, 383, 384, 385
 - tourist spending to buffer impact of long-term decline in, 439
- Mapplethorpe, Robert, 243
- Margaret Chase Smith Center for Public Policy, 265
- Marine Patrol, 416
- Marin, John, 238
- Martin, John, xix, 182, 184
- Massachusetts Constitution of 1780, 175–176
- McGowan, Patrick, 316
- McHarg, Ian, 213
- McKee, John, 332
- McKernan, John, xix, 230
- Measuring Up 2002, the State-By-State Report Card for Higher Education, 149
- Mechanics Institute, 87
- Medicaid, 52, 64, 67, 157, 261
- abortion and, 285
 - changes to state government due to enactment of, 92
 - impact of, 94, 96–97
 - state administration of, 97
 - in state budget, 189–190
 - state coverage for, 158
- Medicare, 52, 64, 261
- changes to state government due to enactment of, 92
 - impact of, 94, 96–97
- Menario, John, 319
- mental illness
- deinstitutionalization of people with, 74, 92
 - expansion of community mental health centers, 93
 - state coverage for, 158
- Mental Retardation Facilities and Community Mental Health Center Construction Act (1963), 92
- Michaud, Michael, 321, 327
- Micmac tribe, 294, 295
- migration, 4, 25–26
- flow, reversal of, 7
 - in-
 - of people under thirty-five, 79
 - of upper-income retirees, 54
 - want of normal, xiii
 - net, 23
 - out-
 - for further education, 143
 - of people under thirty-five, 79
 - racism accompanying early, 227
 - in the United States, 4
- Millay, Edna St. Vincent, 238
- Miller, Zell, 144
- Millett, Sawin, 161
- Millinocket, 378
- age structure, 1960 and 2000, 381
 - in early 1970s, 363

Mills, Peter, xiv, xv
 background of, 172
 mill towns, 370, 377–378
 minimum wage
 declining value of, 56
 real value of federal, 55
 Mining Conservation and Land
 Rehabilitation Act, 333
 Minkoff, Debra, 201
 minorities, 13–17
 Maine's missing, in 2000, 14
 poverty and, 54
 Mitchell, Elizabeth, 138
 Mitchell, George, 136, 149, 314, 318,
 319, 320, 321
 Mitchell Scholars program, 149
 Monks, Robert, Sr., 320
 Monsanto Corporation, 395
 Monteux, Pierre, 239
 Moody Beach cases, 343
 Morgan Quitno Corporation, 113
 Mountain Counties Heritage Network,
 443
 Mumford, Lewis, 211–212
 Muskie, Edmund S., xi, xix, 116, 180,
 314, 315, 318, 319
 change in Maine politics
 inaugurated by, xviii–xix
 environmental leadership of, 331
 Nader, Ralph, 332, 383
 National Arts Stabilization, 255
 National Assessment of Educational
 Progress (NAEP), 122
 National Association of
 Homebuilders, 75
 National Center for Education
 Statistics, 6
 National Center for Public Policy and
 Higher Education, 122–123,
 149
 National Commission on Excellence
 in Education, 119
 National Defense Highway Act, xi
 National Education Goals Panel, 113
 National Endowment for the Arts,
 xvii, 236, 241, 242
 congressional attacks on, 243
 National Endowment for the
 Humanities, 236, 241, 242
 National Folk Festival, 251
 National Governors Association, 247
 National Marine Fisheries Service,
 419
 National Organization for Women,
 283
 National Register of Historic Places,
 261
 National Women's Conference
 (Houston, 1977), 282
 A Nation at Risk report, 119
 Native Americans, xviii, 295–312
 artisan tradition of Maine's, 236
 arts and industry of, 237
 challenge of economic
 development for, 309
 maintenance of culture and
 autonomy by, 301–302, 304–
 305
 natural environment, 49
 passion about, 44
 natural gas
 heightened demand for, 358
 lost cost of, 357
 pipeline, construction across Maine
 of, 358
 shortage of, 359
 natural increase, 23
 Natural Resources Council of Maine,
 183, 336, 338
 The Nature Conservancy, 45, 231,
 336, 369
 Nelessen, Anton, 233
 Nevelson, Louise, 238
 New Century Community Program,
 246–247
 New England Board of Higher
 Education, 135
 New England Council, 248–249
 New England Fishery Management
 Council, 414
 Amendment 13, 415, 424
 closures and rules imposed by, 415
 New England Forestry Foundation,
 369

- New England Foundation for the Arts, 240–241, 248–249, 251
- New England Power Pool (NEPOOL), 350–351
- New England School of Metalwork, 253
- New England State Politics (Lockard), 175
- New Frontier, xii
- New Girls' Network, 283
- New Leaf Farm, 390
- New Left, 279
- Nezinscot Farm, 390
- Nickel and Dimed (Ehrenreich), 55–56
- NIMBYism, 231. See also sprawl; suburbanization
- Nixon administration, 65
revenue sharing during, 189
- Nixon, P. Andrews, 333
- Nixon, Richard M., xix, 318
- No Child Left Behind Act (NCLB), 125–126
effects of, 125–126
problems with, 126
- nonprofit organizations, xvii–xviii, xxiv
assets of, 268
causes of, 260
commitment to mission of, 269
creative sector, 240–241
diverse pressures for future of, 268–271
diversity of, 259–260
economic and political roles of, 260
as employers of significance, 262–264
environmental, 336
forces affecting, 261
funding, volunteerism, and philanthropy, 265–268
"lost continent" of, 259–261
Maine's tradition of service and, 261–262
recommendations to strengthen, 271–272
as reflection of environment, 264–265
revenue sources of, 261
threats to, 258
- non-utility generators of power (NUGs), 353
- Norman Conquest, 156
- Norquist, Grover, 165
- Northeast Power Blackout (1965), 350
- Northern Forest Canoe Trail, 444
- North Woods, 213, 325, 342–343
"bonded" workers in, 381
branding, as tourist destination, 447
concern for fire protection in, 382
development, backlash to, 437–438
pulpwood harvest in 1970s, 366
selling of portions of, 370
- nursing home industry, expansion of, 93
- Nutter, Fred, 208
- Oakhurst Dairy, 395
- Occupational Health and Safety Administration (OSHA), 89
"target industries" of, 377
- Office of Energy Independence, 360
- Office of Fiscal Analysis, 183
- Office of Policy and Legal Analysis, 182–183
- Office of Program and Policy Review, 183
- O'Hara, Frank, xiv
background of, 87
- oil, 352, 356, 358
- Old Town waste disposal facility, 344–345
- OPEC
escalation of energy costs by, 352
oil embargo, 335
- The Other America: Poverty in the United States (Harrington), xiii
- Palmer, Kenneth, xvi
background of, 193
- paper companies, 363, 367, 369, 382
building of mills by, 378
purchase of sawmills by, 368
selling of land by, 370

- paper mills
 - employment provided by, 362
 - "greenfield," 378
 - loss of, 370
 - need for electrical energy by, 349
 - paper mill towns, 377–378
 - population trends, 380
 - socioeconomic traits of, 380
 - production of power by, 353
- Parents as Scholars (PaS) program, 67, 69
- Parr, George, 411
- Passamaquoddy tribe, 294, 295
- Passamaquoddy v. Morton, 296
- Patrons of Husbandry, 200–201
- Patton, Paul, 144
- Penobscot Nation, xviii, 294, 295
 - from American independence to the Settlement Act, 295–296
 - Boys and Girls Club, 306
 - dispute between EPA and, 304–305
 - opposition to handling of pollution permits by State of Maine, 305
 - to the present, 305–308
- Penquis CAP, 64
- Perpich, Rudy, 144
- Pesticides Control Law, 333
- Pew Charitable Trusts, 246
- philanthropy
 - corporate, 268
 - new venture model of, 269
- Pineland Institute for the Mentally Retarded, 92
- Pine Tree Legal Assistance, 64
- Pingree, Chellie, 201
- Pingree, David, 369
- PIRG, 336
- Piss Christ (Serrano), 243
- Planning Decisions, 82
- Plantinga, Andrew, 216
- Pohlmann, Lisa, xiv
 - background of, 69
- politics
 - ballot measures. See also referenda
 - increasing importance of, 322–323
 - role played by psychographics related to, 324–326
 - threat to process of, 323–324
- development of environmental concerns in, 383
- enduring archetype of, 317–319
- hallmarks of Maine, 327
- power of the center in Maine, 315–316
- rise of the Franco-American voter, 319–321
- special features of Maine's, 326–327
- time of rising costs and professionalism in, 316–317
- polycentric urban region, 36, 37
 - origins of, 41
- Pop Art movement, 239
- population, xvi
 - aging, xiii, 27
 - changes in, 3, 4
 - two sources of, 23
 - decentralization of, 219
 - declining, 188
 - dispersal, 188
 - evenly divided, 26–27
 - fluctuation, wave-like character of, 5
 - growth of year-round, 219
 - loss in mill towns, 378
 - in metro areas, proportion of Maine's, 34
 - missing, xiii, 13–17
 - shifting, 376, 376
 - trends, selected paper mill towns and Portland for comparison, 380
- Porter, Fairfield, 238
- Portes, Alejandro, 200
- Portland
 - area, commuting patterns in, 36
 - declining population in, 188
 - health care referendum campaign, 107
 - low-income people in center of, 60
 - population trends, selected paper mill towns and, 380

- PROP, 64
- rents in Greater, 75
- sprawl in Greater, xvii
- Portland Area Comprehensive Transportation Committee, 227
- Portland Fish Exchange, 415, 421
- Portland Museum of Art, 238, 242
- Portland Society of Art, 238
- Portland Stage Company, 239, 242
- Portland Symphony Orchestra, 239, 242
- Potato Market Improvement Fund (PMIF), 401
- Potholm, Christian, xix
 - background of, 327
- poverty, xiii
 - among elderly, reduction of, 52, 64
 - Baldacci's commitments to help reduce, 67
 - federal role in addressing, 64–66
 - harmful effects on children of, 62
 - persistence of, xiv, xxiii
 - populations living in, 52–55
 - ethnic minority, 54
 - rate of, in S.A.D. 51 and S.A.D. 77, 224–225
 - reduction strategies and actions, need for, 68
 - social cost of, 60, 62–66
 - striking feature of, 265
 - substandard housing and, 72, 73
 - today, experience of, 51–52
 - U.S., rates by age: 1959 to 2001, 53
 - War on Poverty, 64
 - what Maine has done to help alleviate, 66–68
 - women and children living in, 287, 288
- Poverty in Maine report, 265
- President's Council on Sustainable Development, xxx
- Profile Theater Company, 239
- PROP, 64
- property taxes, 4, 156, 166–167, 225.
 - See also economy
- circuit breaker program, 66, 168
- coastal Maine, 75
- northern Maine, 75
- recent history of, 155
- referendum on reform of, 323
- repairing, 167–168
- stability of, 164
- uneven burden of, 167
- Proposition 13 (California), 164
- psychographics, 324–326
 - defined, 325
- Public Administration Service (PAS) of Chicago, 180
- Public Housing Authorities, 83
- Public Law 94-142, 115
- public policy
 - agricultural challenges that may be eliminated or mitigated by, 406–407
 - challenges of higher education in Maine, 133–134
 - citizen influence on, due to ballot measure campaigns, 322–323
 - contributing to increase in wage and income inequality, 60
 - electricity, 357
 - on environment in 1960, xix
 - health care, 90
 - housing implications for, 83–87
 - implications for fishing industry
 - groundfishery, 421–424
 - lobster fishery, 424–425
 - implications for profile of new Maine agriculture, 399–402
 - implications of trends affecting Maine society, 2
 - issues in the humanities, addressing, 242
 - lack of energy, 344
 - lack of long-term sustainable energy, 346
 - lack of poverty reduction strategies, 68
 - leadership of Maine in state cultural policy, 256
 - Maine's leadership, reflections on, 110–111

- mandate to develop indigenous renewable resources and energy efficiency, 360
- need for different housing goals and, for different parts of Maine, 75
- need for proactive housing, 87
- during Nixon administration, 65
- requirement of energy efficiency investments by electric utilities, 356
- and service center communities, 232
- significant changes for women in realm of, 284–286
- state efforts to contain health care costs, 97–98
- toward suburbs, 224
- public school system, 112, 130
 - Education Reform Act (1985), 119–120
 - enrollment in, 6, 160
 - future for, 124–125
 - growth in, 156
 - high school graduates, declining rates of, 141, 143
 - Learning Results, 120–122
 - new Maine initiatives, 127–130
 - laptop program, 127–128
 - regionalization, 129–130
 - school funding, 128–129
 - No Child Left Behind Act (NCLB), 125–126
 - quality of, 113
 - reasons for high ranking of, 113–115
 - residencies for artists in, 242
 - Sinclair Act (1957), 115–117, 119
 - special education services, increased enrollments, 160
 - today, 122–124
- public transportation. *See* transportation
- Public Utilities Regulatory Policy Act (PURPA), 352
- Public Utility Holding Company Act of 1935, 347
- Putnam, Robert, xvi, 197, 200, 202
 - critics of, 201
 - Saguaro Seminar in Civic Engagement, 204–205
- Quimby, Roxanne, 369
- racism
 - accompanying early migration, 227
 - Ku Klux Klan, 200
- Raye, Kevin, 321
- rBST (recombinant bovine somatotropin), 395
- Reagan, Ronald, 65, 96, 189, 300, 350
 - housing policies under, 79
- referenda
 - to ban clear-cutting, 322, 383
 - casino gambling, 322, 323, 326
 - citizen influence on public policy related to, 322–323
 - Forest Compact, 322, 325
 - health care campaign, in Portland, 107
 - held by state, 183
 - Maine Yankee, 356
 - shutdown, 322
 - property tax reform, 323
 - protection of Bigelow Preserve, 438
 - school funding, 188
 - on term limits, 184
- refugee resettlement programs, 270
- regionalization, 188–189
- rents, 74
 - in Greater Portland, 75
- retirees
 - benefits of, 25
 - housing built for, 82
 - in-migration of upper-income, 54
- retirement industry
 - benefits of, 25
 - desirable features of, 11
- Richardson, Harrison, xix, 153, 336
- Richert, Evan, xvii
 - background of, 235
- Rio Earth Summit, xxix

The Rise of the Creative Class
 (Florida), 248
 Roberts, Kenneth, 24
 Robinson, Edwin Arlington, 238
 Roe v. Wade, 281, 285
 Rohman, John, 251
 Rolde, Neil, 294
 Rule 850 (Insurance Code), 106
 Saco River Festival, 240
 Saguaro Seminar in Civic
 Engagement, 204–205
 Salamon, Lester, 260
 sales tax, 154, 157
 instability and unpredictability of,
 166
 reliance on, 161–164
 A Sand County Almanac (Leopold),
 xvii
 Saving Maine's Farmland: A
 Collaborative Action Plan
 (Main Department of
 Agriculture, Food and Rural
 Resources), 405
 sawmills, 366
 employment provided by, 362
 increase in size of, 368
 School Administrative Districts, 189
 school funding formula, 167
 penalization caused by, 224
 Schumpeter, Joseph, xxxiii
 Schwartz, Dorothy, 242
 Scott Paper Company, 378
 Sebago-Long Lake Chamber Music
 Festival, 240
 Second Law of Thermodynamics, xxx
 Section 8 apartments, 83
 Seguino, Stephanie, 287
 Serrano, Andreas, 243
 service center communities, 232
 service occupations, 39, 48
 little advanced education required
 in, 58
 in Maine's tourism sector, 442
 shift to, 370, 383
 Settlement Act of 1980. See Maine
 Indian Land Claims
 Settlement Act
 Seven Islands Land Company, xx
 Sewell, Sumner, 317
 sexual revolution, 280
 Shakespearean Theater at Monmouth,
 239
 Sherwood, Richard, xiii
 background of, 27
 Shettleworth, Earle G., Jr., 253
 Shibles, Mark, 116
 Sierra Club, 336
 Silent Spring (Carson), xix, 332
 Silvernail, David, xv, 142
 background of, 131
 Sinclair Act, xi
 Sinclair Act (1957), 114, 115–117,
 119, 160, 184
 provisions, 117
 Sinclair, John, xx
 Sinclair, Roy, 116
 single mothers, 53
 entry into low-wage job market of,
 65
 Site Regulation of Development Act,
 333
 Skocpol, Theda, 201, 202
 Skowhegan School of Painting and
 Sculpture, 238, 240
 Small Power Production Act, 352
 Smith, Adam, xxxi, 197
 Smith, Clyde, 317
 Smith, Margaret Chase, 279, 314,
 317–318, 320, 321
 Smith, Stewart, xxii
 background of, 408
 Snell, John, 390
 Snell, Ramona, 390
 Snowe, Olympia, 316, 318
 social capital
 civil society and, 197, 200
 defined, 197
 good news regarding, 204–205
 Social Security, 52, 64, 89, 291
 Sorj, Bernardo, 395
 Spencer, Richard, 332
 sprawl, xvii, 219, 370, 385
 civil society and, 202
 cumulative impacts of, 230–231

- economic explanation of, 34, 36–37, 39, 41
- effects of, 18–19, 194, 339
- finding alternatives to, 232
- important source of, 19
- lack of identification of, 227
- necessity for counterattack on, 233–234
- potential of land trusts to stem, 231
- relation of rising incomes to, 39
- role of, in eroding public values, 229–230
- social segregation, as cost of, 82
- Spruce Run, 280–281
- Standish, Town of, 226–227
- Starn, Michael, 204
- State Children's Health Insurance Program (SCHIP), 101
- State Health Plan, 109
- State Highway Commission, 179–180
- State Planning Office, xvi–xvii, 233, 336, 344
- Steneck, Bob, 411
- Stephens, Ross, 203
- Stonecoast Writers Conference, 240
- Stonington Opera House, 261, 271–272
- Strathglass Park, 86–87
 - in 2000, 87
- suburbanization, 17–19, 22. See also suburbs
 - 1960 and 2000, 18
 - of land use, 70, 220. See also sprawl
 - rapid rate of, 383
 - Standish, 226–227
- suburbs. See also suburbanization
 - low-density, 219
 - expansion of, 220
 - place and role for, 225
 - relation to rural land of, 224
 - negative aspects of density in, 229
 - purpose of land use in, 213
 - of southern and mid-coastal Maine and Bangor metro area, new and emerging, 217–219
- Super U: The History and Politics of the University of Maine System (Libby), 137
- Survey of the State of Maine (Greenleaf), 234
- sustainable development, xxvii–xxix. See also forests
 - agriculture and, 397–398, 401
 - "Business Charter for Sustainable Development," xxix
 - defined by Brundtland Report, xxviii
 - and fisheries, 410, 419–421
 - of places in which we live our daily lives, xxx
 - plan, Agenda 21, xxix
 - ten useful principles of sustainable community, xxxi–xxxii
 - "three-legged stool" of, xxix, xxx
- systems theory, xxiv
- "Taking Responsibility: Standards for Ethical and Responsible Behavior in Maine Schools and Community," 209
- taxes, xv, 63, 67
 - alcohol and tobacco, 164
 - curbing the borrowing binge, 170
 - effect of health care inflation on receipts from, 159
 - on farmland, 405
 - general, 157
 - General Fund, 156
 - history of Maine, 155–158
 - importance of, 153–155
 - increases, desire for caps on, 188
 - justification of real estate, 166–167. See also property taxes
 - our town, regionalism, and avuncular federalism, 171–172
 - payment of, by Native American tribes, 307–308
 - property. See property taxes
 - reaching our limits, 164–166
 - regressive, 164, 168
 - repeal of estate, 171

- revenues from, generated by
 - tourism, 433
- survival of, by consent of those
 - who pay, 172
- upheavals related to, 155
- volatility of revenues from
 - existing, 161–164
 - remedying, through adequate reserves, 168–169
- voter resistance to increases in, 142
 - on wealth, 166–167
- Tax Increment Financing, 85
- Taylor v. Louisiana, 285
- teachers
 - need for more, 160
 - salaries of, 115, 119, 160
- Technical College System. See
 - Community College System
- technology treadmill, 395
- Temporary Assistance for Needy Families (TANF), 65, 287, 291
- Tennessee Valley Authority, 351
- term limits, xxiv, 184, 191
- Thayer, Gail, 169
- Third International Mathematics and Science Study, 122
- third sector. See nonprofit
 - organizations
- Thompson, Cynthia, 253
- Thoreau, Henry David, 431
- Tierney, James, 16–17
- Title V Maternal and Child Health
 - block grants, 91
- Tocqueville, Alexis de, 196, 201, 260
- tourism, 343
 - in 1960, xii
 - agencies to involve in effective planning for, 446–447
 - automobile, 432
 - vulnerability of, to energy shortages, 436
 - costs to environment of, 445
 - dependent businesses, 430
 - dependent economies, problems facing, 434
 - early, 238
 - ecotourism model, 444
 - employment associated with, xxii
 - facts and figures, 432–434
 - as important sector of economy, 428
 - looking backward, 431–439
 - looking forward, 429–430
 - Maine innovations, 443–444
 - Maine Office of Tourism, 438
 - as nature-based industry, 430–431
 - offering promise for sustainable economic development, 429
 - opportunities, sustainable, 445–48
 - public-private partnerships in, 254–255
 - since September 11, 2001, 436
 - tax revenues generated by, 433
 - today: dealing with unevenness, 439
 - coastal Maine, 439–440
 - interior Maine, 441–442
 - quality jobs, 442
 - in twenty-first century, 438–439
 - visiting Vacationland: a special kind of export industry, 430–431
- Tourism in Maine (study commissioned by VTAC), 432–436
- town meetings, 176, 192
- Trade and Non-Intercourse Act of 1790, 295, 296
- trailers, 72, 73. See also housing
- Transformit, Inc., 253
- transportation, 44–45
 - alternatives, 344
 - changes caused by automobiles, 37
 - commuting patterns in Portland area, 36
 - Downeaster service, 444
 - driving habits, 359
 - ending of passenger service on Maine Central Railroad, 432
 - Explore Maine tourism transport plan, 444
 - Island Explorer bus service, 444

- land use matching current modes of, 211–212
- negative aspects of sprawl on, 339
- regional perspective of, 47
- ride-share programs, 352–353
- Tree Growth Tax law, 383
- Turnpike Authority, 154
- "two Maines"
 - of opportunity, xxiii
 - persistence of, xiii
- "two" Maines, 26
 - growing gap between poverty in, 60
 - hypothesis, gap caused by, 194
 - negative aspects of portrayal of, 206
 - other (urban and rural), 32
- United Nations General Assembly, xxviii
- United Nations World Conference on Environment and Development (Rio de Janeiro), xxix
- United States. See also Congress
 - Department of Housing and Urban Development (HUD), 74
 - domestic agro-food system shares as linear trends, 1910–1997, 396
 - extension of jurisdiction to 200 miles offshore, 414
 - federal fuel-efficiency standards (CAFÉ), 352
 - federal matching funds, 157
 - federal minimum wage, real value of, 55
 - federal poverty threshold, 52
 - federal revenue sharing, 189, 190
 - federal role in addressing poverty, 64–66
 - fishing fleet, restriction of, 414–415
 - income growth, 59
 - and Maine
 - similarity of economy, 48
 - state and local governmental employment in, 187
 - migration in, 4
 - nonprofit sector in, 259–261
 - people without health care coverage in, 99
 - poverty: rates by age 1959 to 2001, 53
 - as receding federal partner of Maine government, 189–190
 - role of federal government to improve housing, 83
 - Supreme Court
 - decisions affecting women, 285 and relationship with Maine Supreme Judicial Court, 179
 - today's view of, in 1960, xi–xii
 - total health care spending in (2003), 96
- United Way of America, 269
- University of Maine, 133, 137
 - advances for women at, 286
 - Cooperative Extension Service, 443
 - Museum, 251
 - at Orono. See University of Maine Parks, Recreation, and Tourism program, 446
 - programs that can help with tourism in, 446
 - research regarding sustainable agricultural systems, 401
 - Resource Economics and Policy program, 446
 - scholarship program for high school valedictorians, 149
 - support of Maine's traditional industries by, 146
- University of Maine at Augusta, 137
- University of Maine at Farmington, 133
- University of Maine at Fort Kent, 147
- University of Maine School of Law, xviii, 283
- University of Maine System, xv, 6, 116, 134, 136, 137
 - boards of governors for campuses in, 138
 - creation of, 144

- proposal for \$11 million student aid fund, 147
- stability of, 136
- University of New England, 133, 143
- University of Southern Maine, 133, 137
 - Muskie School of Public Service, 142
- Unorganized Territory, 333
- Unsettled Past, Unsettled Future: The Story of Maine Indians (Rolde), 294
- Urban Renewal, 83
- U.S. News & World Report, rankings of colleges, 133
- Vail, David, xxii
 - background of, 449
- Varney, Gloria, 390
- Varney, Gregg, 390
- Vietnam War, 65
- Vincent, Christine, 239
- Violence Against Women Act, 284
- Violette, Elmer, 320
- volunteerism, 265–268
- Wabanaki, 295
- wages
 - issues regarding, 58
 - segregated by education, 57
 - in tourism sector, 442
 - in tourist-dependent economy, 434
- Walzer, Michael, 196
- War on Poverty, 64
 - curtailment of, 65
- Water and Air Environmental Improvement Commission, 333
- Water Improvement Commission, 331, 333
- Water Pollution Control Act, 333
- Watershed Center for the Ceramic Arts, 245
- WBRC Architects and Engineers, 251
- Wealth of Nations (Smith), xxxi, 197
- Webster decision, 285
- Weiner, Marli, xviii
 - background of, 293
- welfare reform, 65
 - under Governor Angus King, Jr., 67
 - Parents as Scholars (PaS) program, 67, 69
- West Side Neighbors (Augusta), 83
- Whitman, Christine Todd, 144
- Wihry, David, 146
- Wikstrom, Nelson, 203
- wildlands, 213, 216
- Wilkinson, John, 395
- Williams, Raymond, 213
- William the Conqueror, 156, 164, 166, 172
- Wilson, Alden, xvii
 - background of, 257
- Wilson, James, xxii
 - background of, 427
- women, xviii. See also single mothers
 - activists, 278–279
 - addition of, to labor force, 29, 57
 - areas of under-representation for, 286, 287
 - concerned about domestic violence, 280–281
 - court decisions having impact on, 285
 - earnings of, 286–287
 - effect of Civil Rights movement and New Left on, 279–280
 - employment opportunities for, 284, 287
 - heading households, 288
 - increase in, 53
 - health issues of, 281
 - learning from the past, for the future, 291–293
 - limited options in 1960 for, 275–278
 - long, hard struggle for autonomy, 278–284
 - significant changes in policy realm for, 284–286
 - assessing effects of, 286–288
 - the glass: half empty or half full?, 288–289, 291
- Women's Christian Temperance Union, 279

Women Unlimited, 284
Wood, Sally, 238
Work & Community, 283
Workers Compensation, 161
Workforce Investment Act, 66
working poor, 54–55
 expansion of number of, 65
World Commission on the
 Environment and
 Development, xxviii
World Court, 414
Worlds Apart: Why Poverty Persists
 in Rural America (Duncan),
 195–196
Wright, Frank Lloyd, 212
Wyeth, Andrew, 238
Wyman Dam, sale of, 357
Wyman, Walter, 347
YWCA, 283
zoning ordinances
 control exerted by, 213
 large-lot, 339
 need for reform of exclusionary,
 210, 234
 origins of, 227
 suburban, 233



York Harbor