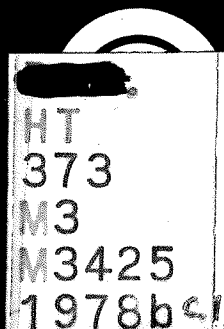
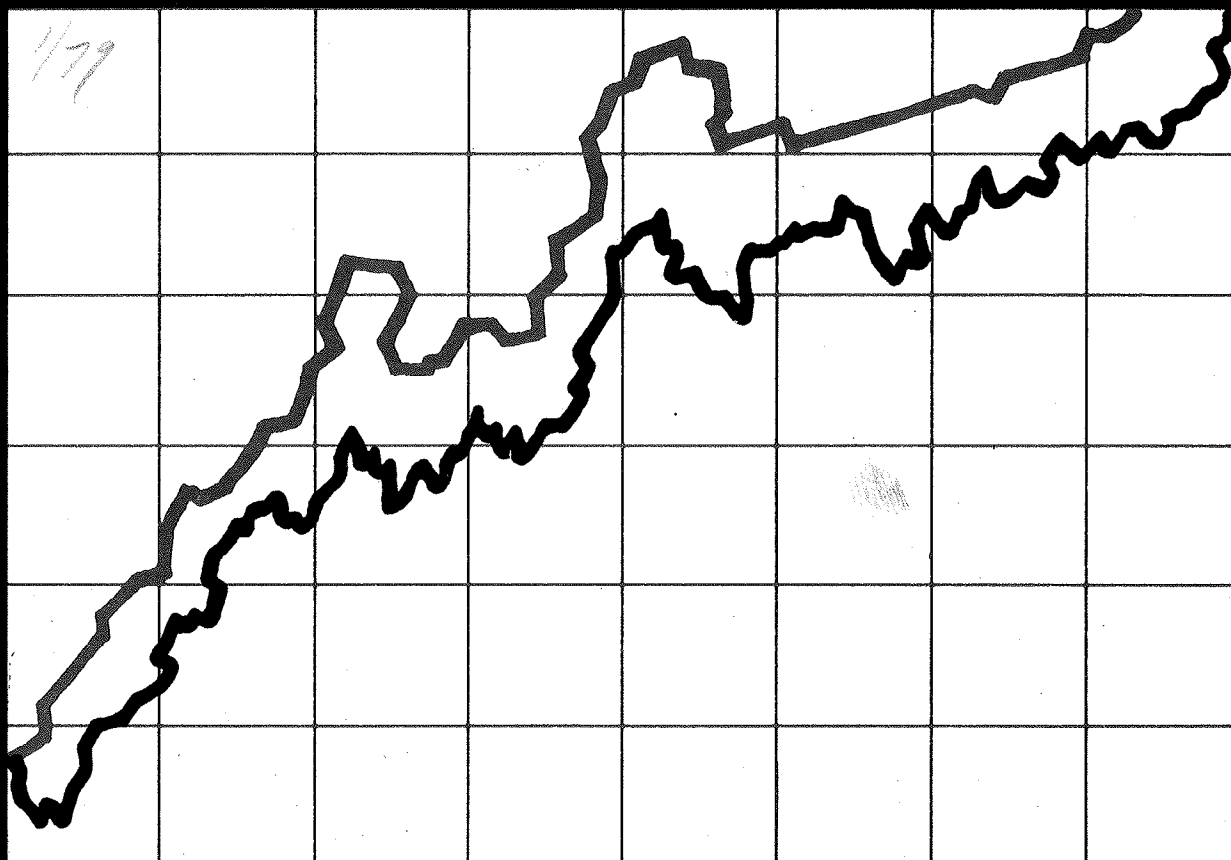


The Maine Coast, A Statistical Source



Maine Coastal Program
Natural Resource Planning Division
Maine State Planning Office



This book was produced by the Natural Resource Planning Division, Maine State Planning Office and New England Coastal Oceanographic Group in cooperation with Technical Services Division and Economic Planning and Analysis Division, Maine State Planning Office.

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Relation to Maine's Coastal Program

Dear Reader:

This publication, *The Maine Coast, A Statistical Source*, is part of the continuing effort by the Coastal Program of the State Planning Office to provide accurate information relevant to planning to private citizens, local officials, state and federal agencies, service organizations, and others.

We believe that good data leads to good decisions and wise use of resources.

This book focuses on statistical information about the social and economic conditions in the coastal area. It is a companion to the coastal map series which presents information on natural resources and land use in the same area.

We hope you will find this book both informative and useful.

A handwritten signature in cursive script that reads "Allen Pease". The signature is written in black ink and is positioned above the printed name and title.

Allen Pease,
Director

Preface

Maine's coast is a special place, both in terms of its natural characteristics and as a source of enjoyment and economic benefit. It is also a place experiencing changes that are causing increasing conflicts over the use of its resources.

Today, the Maine coast contains an incredibly diverse and complex human and natural environment. It includes the "near-suburbs" of urban regions to the south, the growing Portland urban-industrial region, fishing villages, remote island communities, and wild timberland areas without local government or permanent settlement. The natural setting for this varied human environment is equally diverse; including long expanses of sand beaches; mountainous areas; numerous islands; large marshes; and rocky, highly indented shorelines.

In comparison with other areas, the demands placed on the Maine coast have, until recently, produced only modest changes. One reason for this moderate impact is that Maine has a relatively small population scattered over 4,000 miles of coastline.

Recently, however, large parts of the coast have begun to change rapidly. The following facts give an indication of the pressures on the coast and the changes they are causing:

- Nearly half of the state's population lives in the coastal area, which comprises less than 12 percent of the state's land area.
- Sagadahoc, Lincoln, Waldo, and Hancock counties, all coastal, were the fastest growing counties in the state from 1970 to 1975, with average population increases of about 13 percent. Hancock County experienced a 16 percent increase, the highest in the state.
- With increased tourism, the seasonal population of some coastal towns has increased to more than three times the year-round population.
- Many proposals for heavy industrial use of the Maine coast have been made in the last ten years; these include proposals for four electrical generating plants, three oil refineries, four oil terminals, and an aluminum smelter.
- In communities, the amount of land developed for residential, commercial, and industrial purposes increased by more than 100 percent between 1966 and 1974. Most of that development was strip development along roads, much of it on former agricultural land.

Increases in population, tourism, and residential, commercial, and industrial development, together with increasing interest in conservation and concern for the fragile coastal environment, are resulting in increased conflicts over the use of resources. Our political, social, and economic institutions are hard pressed to adapt to such rapid changes. The occurrence of moratoriums on subdivision development is one indication that

the coastal communities are unable to deal with change at such a rapid pace.

In response to the pressures being placed on the coast and in recognition of its diversity and special values, a coastal program has been undertaken to improve the process of making resource use decisions so that it is more orderly and better informed. This program was initiated and has been carried on with the support of the Governor and the Legislature.

The goal of Maine's Coastal Program is to achieve a balance between conservation and development in the coastal area that will satisfy the short and long term social, economic, and environmental needs and aspirations of the people of the State of Maine.

The Program seeks to achieve its goal by working with and assisting coastal land use decision makers, including individual land owners, industries, conservation organizations, town and regional governments, the Legislature, state agencies, and federal agencies. To improve the process of making decisions on the use of coastal resources, the Program provides the following services:

1. Information

This book is an example of the statistical information made available through the program. It gives a picture of the coastal area through figures. This information is made available so that people will be more fully informed about the coastal area and hence make better decisions about the use of its resources. Other kinds of information are also available through the program, these include:

- a. **Natural Resource Inventory Maps** — over 200 maps in all; describe the natural resources of the coastal towns. These maps depict: topography, slopes, soil conditions, fish and wildlife habitats, vegetation, marine resources, recreational facilities, and characteristics of watersheds and bodies of surface water. The maps are available free of charge from the State Planning Office.
- b. **Coastal Geology Maps** — specialized maps depicting bedrock, groundwater conditions, near-shore marine environments, surficial geology, and other coastal geological features. These maps are available from the Bureau of Geology at the cost of reproduction.
- c. **Natural Areas** — identification of features of unusual significance for special consideration in planning and management.

- d. **Some Other Socioeconomic Information** — compilations of data on population, land use, economics, housing, education, social services, etc.; opinion polls.

- e. **Data Analysis** — analysis of the relative favorability of coastal areas for large-scale residential, commercial, and industrial development.

- f. **Publications** — reports, source books, and guide books to inform and assist decision makers; available free of charge as long as supplies last. These have included:

- *Comprehensive Planning Guide for Local Planning Boards*
- *Maine's Coast: Special Considerations for the Municipal Planning Process*
- *The Penobscot Bay Resource Plan*
- *Maine Coastal Resources Renewal*
- *Coastal Zone Management in Maine: A Legal Perspective*
- Appraisals of the fishery and wildlife resources of each of the coastal counties.
- *Directory of Natural Resource Organizations*
- *Maine Coastal Inventory Handbook*
- And Others

2. Technical Assistance

- a. **Through Coastal Regional Planning Commissions** — funds were provided for Regional Planning Commissions to help towns with their planning problems. These have included working on comprehensive plans, subdivision ordinances, solid waste disposal, planning for appropriate economic development, etc.

- b. **State Planning Office Assistance** — information and advice provided to towns, private organizations, and industries in response to requests for assistance with specific projects.

- c. **Education** — courses sponsored to teach coastal municipal officials and other interested individuals to conduct their own natural resource inventories; taught in cooperation with the University of Maine, Maine Association of Conservation Commissions, and Southern Maine Regional Planning Commission.

3. Increased Coordination Among Agencies and Organizations Involved with the Coast

The coordination accomplished by the Coastal Program has resulted from sharing information between programs and organizations, designing the work programs of related projects in separate

organizations to be complimentary rather than conflicting or duplicative, and meeting with representatives of various organizations to determine what the interrelationships between programs should be and what the overall direction of Maine's Coastal Program should be. The Committee on Coastal Development and Conservation described earlier has played a key role in the latter. Meetings with local officials, state agencies, regional agencies, federal agencies, and private development and conservation organizations have resulted in improved coordination with these groups.

4. Increased Funding

Increases in funding are provided to make Maine's system of resource planning and management work better. The emphasis in this regard is on providing funding for the towns and cities in the coastal area. Eligible town projects include: town comprehensive planning, planning for economic development, developing town ordinances, gathering detailed resource information needed to resolve a problem, hiring a code enforcement officer, and other similar. Increased funding is also provided for regional and state agency resource planning and management projects.

5. Recommendations on Coastal Issues of Broad Concern

Issues such as heavy industrial siting, port development, and Outer Continental Shelf oil and gas development have been identified by coastal residents, the Governor, the Maine Legislature, and the Committee on Coastal Development and Conservation as being important concerns. As part of the Coastal Program an analysis of these issues is being conducted, and recommendations will be prepared for the consideration of coastal residents, the relevant agencies, the Governor, and the Legislature.

This book gives a statistical picture of the coast today without attempting to judge whether existing conditions or trends are good or bad. Each section of the book deals with a different subject which is important to understanding the coast. We hope that by making this information available people will be able to understand the forces shaping the coast more fully and make better decisions about the uses of coastal resources.

Introduction

Why a Book of Coastal Statistics?

During the course of the development of Maine's Coastal Program it became clear that nowhere was there a central collection of socioeconomic data on the coastal areas. This book brings together most major sources of statistical information from a variety of federal and state governmental, as well as other published sources. Traditionally such data were mostly available only on a state-wide basis, or perhaps by county. Our aim has been to assemble facts for the coastal region by individual town or, where more practical, by coastal planning areas and coastal counties.

Does the Coast of Maine Deserve Special Attention?

People who have been long-time residents of coastal towns as well as those who have summered along Maine's nearly 4,000-mile long coast, will adamantly agree that the coast is very different from inland areas of the State. The coast is different in cultural heritage, occupations, land use, tourism and recreation, to name a few. Most importantly, coastal people are beginning to see the difference in *rate* of change in the once quiet, slow-paced villages that stretch from Kittery to Eastport. Data available at the statewide level only partially reflect these changes. Whenever possible, we have included facts that will accurately document changes or trends in coastal communities.

What Is the Definition of Coastal in this Book?

We have been working with the first tier of towns

which includes 142 communities in nine counties. For purposes of Maine's Coastal Program, this includes such towns as those lying at the head-of-tide, Augusta and Bangor, on the Kennebec and Penobscot River corridors, as well as those fronting on ocean waters. A complete list of all towns, alphabetically arranged, as well as the County Regional Planning Commissions (RPC), and coastal mapping area that each town occurs in is presented on Table 0-1 for quick reference. There are two topic arrangements for the tables, by Coastal Planning Area and by county.

What's In this Book?

We have assembled the book into nine sections dealing with the social and economic facts of the coast. These categories are:

- Population
- Land Use and Taxation
- Economy
- Housing
- Transportation
- Education
- Recreation
- Social Services
- Natural Resources

Each of these sections contains an introduction or overview showing the specific relevance to the coast. A brief set of technical notes* or glossary follows each section. Finally, we have included a comprehensive index for quick reference as well as a list of publications used in this document.

*The definitions for words with this symbol will appear in the technical notes following each chapter.

Where Did These Data Come From?

In the course of data assembly we collected information from existing sources such as the federal agencies, various state departments, non-government agencies and private organizations. A complete list of these sources appears in the acknowledgement section. Each table or chart also shows the source of the data as well. We have avoided any subjective information, which although useful, is unfortunately inconsistent from town to town or over large regions.

What Can You Do with the Book?

This book has been organized to let those who wish to get a clearer understanding of the coast get a variety of facts and make their own interpretation. We hope that proper use of the statistics presented here will allow a wide variety of persons to get a better understanding of what constitutes the coast. Interested citizens, members of town planning boards, school teachers, local officials, journalists, and the business community can all draw facts and figures from these tables for their own conclusions of what's going on on Maine's coast.

Statistics in this book are organized in several different ways, according to the source of information. Table 0-1, below, shows what county, regional planning commission, and coastal mapping area the different coastal towns occur in. You may wish to use this table as a reference.

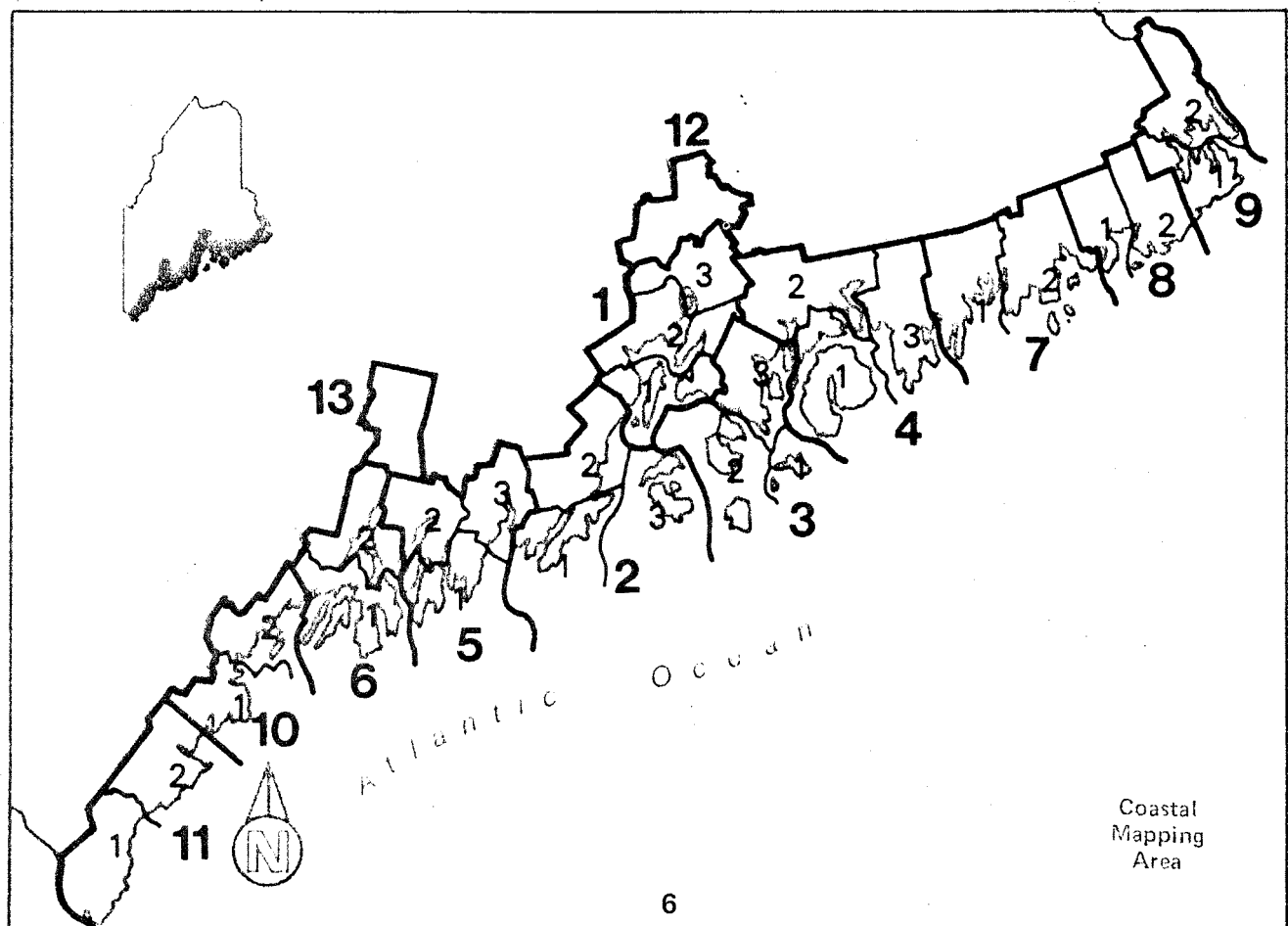
0-1 Coastal Maps

Town	County	Regional Planning Commission	Coastal Mapping Area
Addison	Washington	WCRPC	7.2
Alna	Lincoln	SMCRPC	5.2
Arrowsic	Sagadahoc	SMCRPC	6.1
Arundel	York	SMRPC	11.2
Augusta	Kennebec	SKVRPC	13.0
Bangor	Penobscot	PVRPC	12.0
Bar Harbor	Hancock	HCPC	4.1
Bath	Sagadahoc	SMRPC	6.2
Beals	Washington	WCRPC	7.2
Belfast	Waldo	EMCRPC	1.2
Biddeford	York	SMRPC	11.2
Blue Hill	Hancock	HCPC	3.3
Bremen	Lincoln	SMCRPC	5.3
Brewer	Penobscot	PVRPC	12.0
Bristol	Lincoln	SMCRPC	5.1
Brooklin	Hancock	HCPC	3.3
Brooksville	Hancock	HCPC	1.1
Brunswick	Cumberland	SMRPC	6.1
Boothbay	Lincoln	SMCRPC	5.1

Town	County	Regional Planning Commission	Coastal Mapping Area
Boothbay Harbor	Lincoln	SMCRPC	5.1
Bowdoinham	Sagadahoc	SMCRPC	6.2
Bucksport	Hancock	HCPC	1.3
Camden	Knox	EMCRPC	2.2
Calais	Washington	WCRPC	9.2
Cape Elizabeth	Cumberland	GPCOG	10.1
Castine	Hancock	HCPC	1.2
Centerville	Washington	WCRPC	7.2
Chelsea	Kennebec	SKVRPC	13.0
Cherryfield	Washington	WCRPC	7.1
Columbia	Washington	WCRPC	7.1
Columbia Falls	Washington	WMCP	7.2
Cranberry Isles	Hancock	HCPC	4.1
Cumberland	Cumberland	GPCOG	10.2
Cushing	Knox	EMCRPC	2.1
Cutler	Washington	WCRPC	8.2
Damariscotta	Lincoln	SMCRPC	5.3
Deer Isle	Hancock	HCPC	3.2
Dennysville	Washington	WCRPC	9.2
Dresden	Lincoln	SMCRPC	5.2
Eastport	Washington	WCRPC	9.2
Edgecomb	Lincoln	SMCRPC	
Edmunds	Washington	WCRPC	9.1
Eliot	York	SMCRPC	11.1
Ellsworth	Hancock	HCPC	4.2
East Machias	Washington	WCRPC	8.1
Falmouth	Cumberland	GPCOG	10.2
Farmingdale	Kennebec	SKVRPC	13.0
Friendship	Knox	EMCRPC	2.1
Frankfort	Waldo	PVRPC	1.3
Franklin	Hancock	HCPC	4.2
Freeport	Cumberland	GPCOG	10.2
Gardiner	Kennebec	SKVRPC	13.0
Georgetown	Sagadahoc	SMCRPC	6.1
Gouldsboro	Hancock	HCPC	4.3
Hallowell	Kennebec	SKVRPC	13.0
Hampden	Penobscot	PVRPC	12.0
Hancock	Hancock	HCPC	4.2
Harpwell	Cumberland	SMCRPC	6.1
Harrington	Washington	WCRPC	7.1
Isle au Haut	Knox	EMCRPC	3.2
Islesboro	Waldo	EMCRPC	1.1
Jonesboro	Washington	WCRPC	7.2
Jonesport	Washington	WCRPC	7.2
Kennebunk	York	SMRPC	11.2
Kennebunkport	York	SMRPC	11.2
Kittery	York	SMRPC	11.2
Lamoine	Hancock	HCPC	4.1
Lincolnton	Waldo	EMCRPC	2.2
Long Island Pt.	Hancock	HCPC	3.1
Lubec	Washington	WCRPC	9.1
Machias	Washington	WCRPC	8.1
Machiasport	Washington	WCRPC	8.1
Marion	Washington	WCRPC	8.2
Marshfield	Washington	WCRPC	8.1
Matinicus	Knox	EMCRPC	2.3
Milbridge	Washington	WCRPC	7.1
Monhegan	Knox	EMCRPC	5.1
Mt. Desert	Hancock	HCPC	4.1
Newcastle	Lincoln	SMCRPC	5.2
Nobleboro	Lincoln	SMCRPC	5.3
North Haven	Knox	EMCRPC	2.3
Northport	Waldo	WCRPC	1.1
Old Orchard Beach	York	SMRPC	11.2
Orrington	Penobscot	PVRPC	12.0
Orland	Hancock	HCPC	1.3

Town	County	Regional Planning Commission	Coastal Mapping Area	Town	County	Regional Planning Commission	Coastal Mapping Area
Owls Head	Knox	EMCRPC	2.1	T7SD	Hancock	HCPC	4.3
Pembroke	Washington	WCRPC	9.2	T8SD	Hancock	HCPC	4.3
Penobscot	Hancock	HCPC	1.2	T9SD	Hancock	HCPC	4.3
Perkins Twp.	Sagadahoc	SMCRPC	6.2	T10SD	Hancock	HCPC	4.3
Perry	Washington	WCRPC	9.2	Thomaston	Knox	EMCRPC	2.2
Phippsburg	Sagadahoc	SMCRPC	6.1	Topsham	Sagadahoc	SMCRPC	6.2
Pittston	Kennebec	SKVRPC	13.0	Tremont	Hancock	HCPC	4.1
Portland	Cumberland	GPCOG	10.1	Trenton	Hancock	HCPC	4.1
Prospect	Waldo	PVRPC	1.2	Trescott	Washington	WCRPC	9.1
Randolph	Kennebec	PVRPC	13.0	Verona	Hancock	HCPC	1.3
Richmond	Sagadahoc	KVRPC	6.2	Vinalhaven	Knox	EMCRPC	2.3
Robbinston	Washington	WCRPC	9.2	Waldoboro	Lincoln	EMCRPC	5.3
Rockland	Knox	EMCRPC	2.2	Warren	Knox	EMCRPC	2.2
Rockport	Knox	EMCRPC	2.2	Wells	York	SMRPC	11.1
Roque Bluffs	Washington	WCRPC	7.2	West Bath	Sagadahoc	SMCRPC	6.1
Saco	York	SMRPC	11.2	Westport	Lincoln	SMCRPC	5.1
St. George	Knox	EMCRPC	2.1	Whiting	Washington	WCRPC	8.2
Scarborough	Cumberland	GPCOG	10.1	Whitneyville	Washington	WCRPC	8.1
Searsport	Waldo	PVRPC	1.2	Winter Harbor	Hancock	HCPC	4.3
Sedgewick	Hancock	HCPC	3.3	Winterport	Waldo	PCRPC	12.0
Sorrento	Hancock	HCPC	4.3	Wiscasset	Lincoln	SMCRPC	5.2
South Berwick	York	SMRPC	11.1	Woolwich	Sagadahoc	SMCRPC	6.2
South Bristol	Lincoln	SMCRPC	5.1	York	York	SMRPC	11.1
Southport	Lincoln	SMCRPC	5.1	Yarmouth	Cumberland	GPCOG	10.2
South Portland	Cumberland	GPCOG	10.1				
South Thomaston	Knox	EMCRPC	2.1				
Southwest Harbor	Hancock	HCPC	4.1				
Steuben	Washington	WCRPC	7.1				
Stockton Springs	Waldo	PVRPC	1.2				
Stonington	Hancock	HCPC	3.2				
Sullivan	Hancock	HCPC	4.3				
Surry	Hancock	HCPC	4.2				
Swans Island	Hancock	HCPC	3.1				

LEGEND:
 SMRPC—Southern Maine Regional Planning Commission
 SMCRPC—Southern Mid-Coast Regional Planning Commission
 HCPC—Hancock County Planning Commission
 WCRPC—Washington County Regional Planning Commission
 EMCRPC—Eastern Mid-Coast Regional Planning Commission
 PVRPC—Penobscot Valley Regional Planning Commission
 GPCOG—Greater Portland Council of Governments
 SKVRPC—Southern Kennebec Valley Regional Planning Commission



1 Demography

Introduction

This section deals with population statistics for the coast. Those statistics presented are: population by age, population shifts, current population estimates and projections; also places of birth, life expectancy, fertility, death rates, and net migration. Accompanying these data are graphic illustrations which show the differences in the population growth trends on the coast and within the State as a whole.

Census estimates for 1975 showed that 44 percent of the State's population live in the coastal area on less than 11.3 percent of the land area.

While the southern counties of York and Cumberland showed a faster growth in population from 1960 to 1970 than the rest of the State, the period from 1970 to 1975 shows a shift in the mid-coast counties of Waldo, Hancock, and where high rates of growth — 13.4, and 13.2 percent respectively as opposed to Cumberland's 5.2 percent and York with 8.7 percent are indicated. Overall, the coastal communities increased from 1970 to 1975 by 7.3 percent while the total State population grew at a rate of only 5.5 percent.

These recent population changes are significant for the coast because of the new pressures they are creating. Many small coastal communities had considerably larger populations 75 to 100 years

ago during a time when there was far greater emphasis on coastal and offshore banks fishing and boat building than there is today. Several of these towns presently have less than half the population they had from 1850 to 1875. Many other towns experienced a strong population decrease during the period of 1940 to 1970. This trend of out-migration finally reversed in nearly all the southern and mid-coast towns around 1970. The immigration which started at that time appears to be strong and still increasing as of 1975.

These recent higher rates of growth along the coast as well as the national trend of urban-to-rural migrations have placed significant and new expansion pressures on the coastal communities of Maine.

1.1 Population by Age (Coastal Counties)

	Total	0-4	5-17	18-44	45-64	65 +
Cumberland	202,972	15,307	47,740	73,903	41,622	24,400
Hancock	38,687	2,974	9,085	13,352	7,678	5,588
Kennebec	100,696	7,551	25,314	36,033	19,834	11,964
Knox	31,887	2,332	7,323	10,807	6,509	4,916
Lincoln	23,163	1,735	5,602	7,522	4,688	3,616
Sagadahoc	26,361	2,274	6,793	9,212	5,025	3,057
Waldo	26,178	2,141	6,720	9,648	4,785	2,884
Washington	32,854	2,586	8,025	11,034	6,419	4,790
York	121,499	9,730	29,930	43,347	23,873	14,619
Coastal County Total:	604,297	46,630	146,532	214,858	120,433	75,834
State Total:	1,057,955	81,740	261,912	384,266	204,709	125,329

Source: Maine Department of Human Services, Office of Research and Vital Records, 1975 estimates

1.2 Population Change 1970-1975 (Coastal Planning Areas)

	Town	1970 Population	1975 Population	Percent Change	Total Percent of 1975 Coastal Planning Area Population
1. Upper Penobscot Bay	Belfast	5,957	6,495	9.03	4.65
	Brooksville	673	779	15.75	
	Bucksport	3,756	4,398	17.09	
	Castine	1,080	1,266	17.22	
	Frankfort	620	773	24.67	
	Islesboro	421	451	7.12	
	Northport	744	745	0.13	
	Orland	1,307	1,621	24.02	
	Penobscot	786	822	4.58	
	Prospect	358	361	0.83	
	Searsport	1,951	2,070	6.09	
	Stockton Springs	1,142	1,156	1.22	
	Verona	437	623	42.56	
		19,232	21,560	12.10	
2. Knox Region	Camden	4,115	4,289	4.22	6.28
	Cushing	522	546	4.59	
	Friendship	834	952	14.14	
	Lincolnville	955	1,085	13.61	
	Matinicus Isle Plt.	90	100	11.11	
	North Haven	399	550	37.84	
	Owls Head	1,281	1,417	10.61	
	Rockland	8,505	8,899	4.63	
	Rockport	2,067	2,260	9.33	
	So. Thomaston	831	913	9.86	
	St. George	1,639	1,786	8.96	
	Thomaston	2,646	2,908	9.90	
	Vinalhaven	1,135	1,151	1.40	
	Warren	1,864	2,223	19.25	
		26,883	29,079	8.16	

		1970	1975	Percent	Total Percent of 1975 Coastal Planning Area Population
Town		Population	Population	Change	
3. Eastern Penobscot Bay	Blue Hill	1,367	1,603	17.26	1.31
	Brooklin	598	686	14.71	
	Deer Isle	1,211	1,311	8.25	
	Isle au Haut	45	62	37.77	
	Long Island Plt.	56	61	8.92	
	Sedgewick	578	648	12.11	
	Stonington	1,291	1,256	-2.71	
	Swans Island	323	422	30.65	
		5,469	6,049	10.60	
4. Eastern Hancock Co.	Bar Harbor	3,716	3,564	4.09	4.4
	Cranberry Isles	186	202	8.60	
	Ellsworth	4,603	4,785	3.95	
	Franklin	708	847	19.63	
	Gouldsboro	1,310	1,352	3.20	
	Hancock	1,070	1,308	22.24	
	Lamoine	615	726	18.04	
	Mount Desert	1,659	1,744	5.12	
	Sorrento	199	337	69.34	
	Southwest Hbr.	1,657	1,815	9.53	
	Sullivan	824	820	-0.48	
	Surry	623	623	0	
	Tremont	1,003	1,265	26.12	
	Trenton	392	658	67.85	
	Winter Harbor	1,028	1,239	20.52	
	T7SD	9	9	0	
	T8SD	110	110	0	
	T9SD	-	-	-	
	T10SD	4	4	0	
		19,716	21,408	8.58	
5. Lincoln County	Alna	315	381	20.95	4.24
	Boothbay	1,014	1,938	6.83	
	Boothbay Harbor	2,320	2,196	5.34	
	Bremen	454	529	16.51	
	Bristol	1,721	1,943	12.89	
	Damariscotta	1,264	1,250	1.10	
	Dresden	787	928	17.91	
	Edgecomb	549	645	17.48	
	Monhegan Plt.	44	63	43.18	
	Newcastle	1,076	1,152	7.06	
	Nobleboro	850	938	10.35	
	South Bristol	664	758	14.15	
	Southport	473	442	-6.55	
	Waldoboro	3,146	3,637	15.60	
	Westport	228	307	34.64	
	Wiscasset	2,244	2,527	12.61	
		17,149	19,634	14.4	
6. Bath-Brunswick Western Mid-Coast	Arrowsic	188	217	15.42	9.70
	Bath	9,679	10,029	3.61	
	Bowdoinham	1,294	1,559	20.47	
	Brunswick	16,195	17,003	4.98	
	Georgetown	464	500	7.75	
	Harpwell	2,552	2,694	5.56	
	Phippsburg	1,229	1,284	4.47	
	Perkins Twp.	4	6	50.00	
	Richmond	2,168	2,447	12.59	
	Topsham	5,022	6,262	24.69	
	West Bath	836	1,102	31.81	
	Woolwich	1,710	1,841	7.66	
		41,341	44,944	8.70	

		1970	1975	Percent	Total Percent of 1975 Coastal Planning Area Population
	Town	Population	Population	Change	
7. Western Washington County	Addison	773	795	2.84	
	Beals	663	666	.45	
	Centerville	19	20	5.26	
	Cherryfield	771	809	4.92	
	Columbia	162	176	8.64	
	Columbia Falls	367	445	21.25	
	Harrington	553	607	9.76	
	Jonesboro	448	555	23.88	
	Jonesport	1,326	1,504	13.42	
	Milbridge	1,154	1,248	8.14	
	Roque Bluffs	153	336	119.60	
	Steuben	697	846	21.37	
		7,086	8,007	12.99	1.72
8. Central Washington County	Marion	32	32	0	
	Cutler	588	797	35.54	
	East Machias	1,057	1,216	15.04	
	Machias	2,441	2,588	6.02	
	Machiasport	887	1,057	19.16	
	Marshfield	227	273	20.26	
	Whiting	269	257	-4.46	
	Whitneyville	155	240	54.83	
		5,656	6,460	14.21	1.39
9. Eastern Washington County	Calais	4,044	3,933	-2.74	
	Dennysville	278	273	-1.79	
	Eastport	1,989	2,172	9.20	
	Lubec	1,949	1,910	-2.00	
	Pembroke	700	1,009	44.14	
	Perry	878	1,061	20.84	
	Robbinston	396	384	-3.03	
	Trescott Twp.	219	219	0	
	Edmunds Twp.	241	241	0	
		10,694	11,202	4.75	2.41
10. Greater Portland Area	Cape Elizabeth	7,873	8,091	2.76	
	Cumberland	4,096	4,177	1.97	
	Falmouth	6,291	6,177	-1.81	
	Freeport	4,781	5,166	8.05	
	Portland	65,116	63,373	-2.67	
	Scarborough	7,845	9,291	18.43	
	So. Portland	23,267	23,641	1.60	
	Yarmouth	4,854	5,247	8.09	
		124,123	125,163	0.83	27.11
11. York County	Arundel	1,322	1,543	16.71	
	Biddeford	19,983	19,826	.78	
	Eliot	3,497	3,848	10.03	
	Kennebunk	5,646	6,005	6.35	
	Kennebunkport	2,160	2,207	2.17	
	Kittery	11,028	10,958	-0.63	
	Old Orchard Beach	5,404	5,878	8.77	
	Saco	11,678	12,306	5.37	
	South Berwick	3,488	3,907	12.01	
	Wells	4,448	5,029	13.06	
	York	5,690	6,149	8.06	
		74,344	77,656	4.45	16.77

		1970	1975	Percent	Total Percent of 1975 Coastal Planning Area Population
Town		Population	Population	Change	
12. Bangor Area	Bangor	33,168	32,330	-2.52	
	Brewer	9,300	9,258	-0.45	
	Hampden	4,693	4,933	5.11	
	Orrington	2,702	2,828	4.66	
	Winterport	1,963	2,287	16.50	
		51,826	51,636	-0.36	11.15
13. Augusta Area	Augusta	21,945	21,614	-1.50	
	Chelsea	2,095	2,808	34.03	
	Farmingdale	2,423	2,510	3.59	
	Gardiner	6,685	6,547	-2.06	
	Hallowell	2,814	2,673	-5.01	
	Pattston	1,617	1,989	23.00	
	Randolph	1,741	1,967	12.40	
		39,320	40,108	2.00	8.66
Total Planning Area Population		442,839	462,906	4.53	43.75
Total State Population		993,722	1,057,955	6.47	

Source: Maine State Planning Office

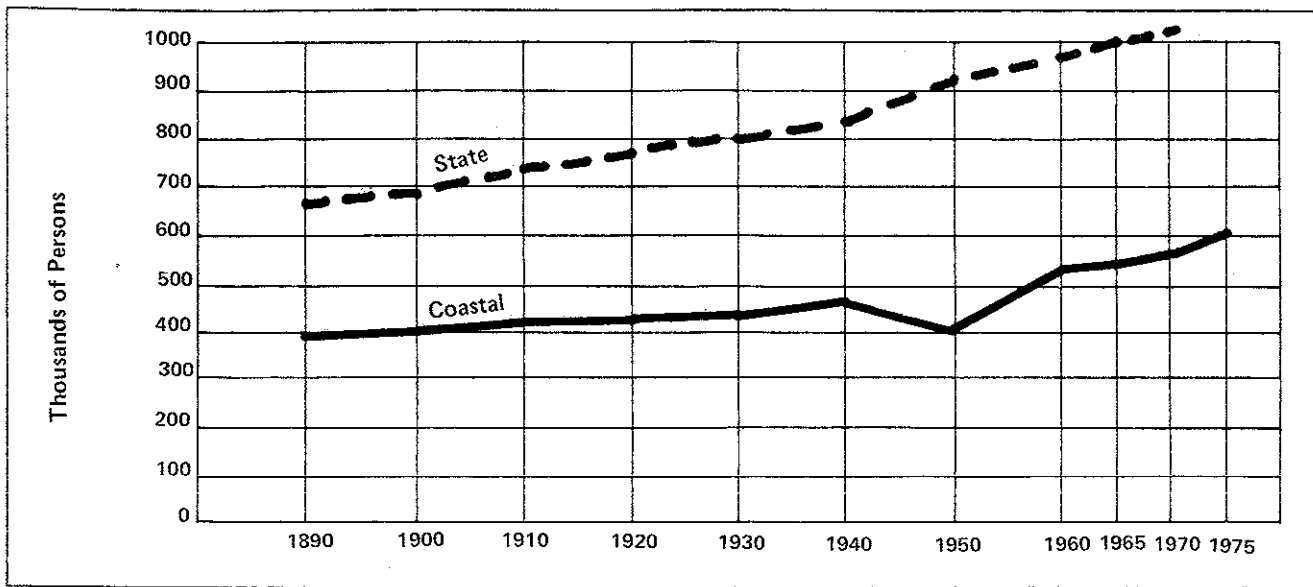
1.3 Current Population Estimates (Coastal Counties)

County	July 1, 1977 (Provisional)	July 1, 1976	July 1, 1973	April 1, 1970 (census)	Change, 1970-1977	
					Number	Percent
Cumberland	205,200	204,400	200,000	192,528	12,600	6.6
Hancock	39,900	39,400	37,500	34,590	5,300	15.4
Kennebec	103,600	102,000	99,400	95,306	8,300	8.7
Knox	32,700	32,400	31,000	29,013	3,700	12.6
Lincoln	24,600	23,800	22,100	20,537	4,000	19.6
Sagadahoc	26,500	26,100	25,400	23,452	3,100	13.1
Waldo	27,300	27,000	25,100	23,328	4,000	17.1
Washington	34,700	34,100	31,700	29,859	4,900	16.4
York	126,300	122,500	118,500	111,576	14,700	13.2
Coastal Total	620,800	611,700	590,700	560,189	60,600	13.7
Coastal Total as Percent of State	57.2%	57.1%	56.9%	56.3%	66.5%	
Maine	1,085,000	1,071,000	1,039,000	993,722	91,000	9.2

Source: U.S. Bureau of the Census yearly estimates.

¹ The total for the State shown here includes all corrections to the 1970 census made subsequent to the release of the official counts. The official 1970 census count for Maine was 993,663

1.4 Maine State — Coast Population Trends



Source: Maine State Planning Office, 1975.

1.5 Population Projections* (Coastal Counties)

	Number of Persons		
	1977	1980	1982
Cumberland	205,700	211,000	213,700
Hancock	40,700	43,500	45,300
Kennebec	103,200	106,500	108,200
Knox	33,300	35,200	36,400
Lincoln	23,900	25,400	26,300
Sagadahoc	27,300	29,100	30,200
Waldo	27,400	29,300	30,400
Washington	33,600	35,200	36,200
York	126,000	132,300	136,200
Total	621,100	647,500	662,900
State Total	1,080,900	1,117,100	1,137,200

Source: Maine State Planning Office, Division of Technical Services

1.6 Birthplace for Coastal Residents (Coastal Planning Areas)

	Percent Total						Not Recorded
	Maine	N.E.	North Cen.	South	West	Foreign	
Upper Penobscot Bay	82	9	1	1	1	1	5
Knox Region	81	10	1.3	2	1	1	3
East Penobscot Bay	84	10	1	1	0	1	3
East Hancock County	76	11	2	3	2	1	4
Lincoln County	75	15	2	2	1	1	5
Bath-Brunswick	69	15	4	5	2	1	3
West Washington County	88	6	1	3	—	1	2
Central Washington County	77	11	2	4	1	6	4
East Washington County	80	7	1	1	1	4	6
Greater Portland Area	77	15	2	2	1	1	3
York	65	20	2	3	1	1	4
Bangor Area	79	11	2	2	1	1	3
Augusta Area	84	9	0.8	1.5	0.6	0.9	2

Note: All figures do not add to 100% due to rounding

Source: U.S. Bureau of the Census

1.7 Fertility Rates* (Coastal Counties)

	Birth/Thousands	
	1960	1970
Cumberland	3.7	2.6
Hancock	3.7	2.6
Kennebec	3.6	2.4
Knox	3.5	2.6
Lincoln	3.7	2.9
Sagadahoc	3.9	3.0
Waldo	4.3	2.5
Washington	3.8	2.6
York	3.6	2.7
State Average	3.7	2.6

Source: Future Population Projections, PARC 1975; Maine State Planning Office

1.8 Life Expectancy* at Birth by Sex (Coastal Counties)

	Age in Years	
	Male	Female
Cumberland	66.6	73.7
Hancock	66.9	73.2
Kennebec	66.6	73.5
Knox	66.3	74.3
Lincoln	67.1	73.2
Sagadahoc	66.6	73.6
Waldo	65.9	72.9
Washington	67.2	73.3
York	66.5	73.7
State Average	66.8	73.6
U.S.	67.1	74.0

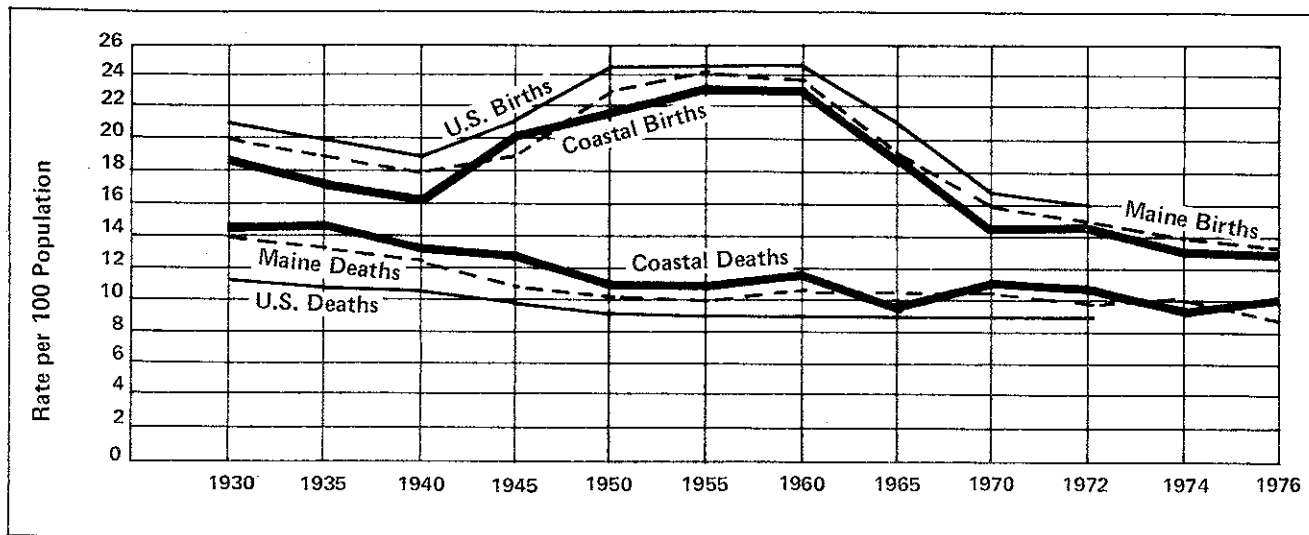
Source: A New Look at Maine's Future Population, Maine State Planning Office

County	Crude Death Rates	Neonatal Death Rates	Infant Death Rates
Cumberland	13.5	12.09	16.6
Hancock	13.6	10.83	13.2
Kennebec	14.5	12.82	17.2
Knox	13.4	15.96	21.1
Lincoln	13.6	11.83	16.7
Sagadahoc	15.4	9.35	14.2
Waldo	15.0	14.82	21.9
Washington	15.1	17.41	22.6
York	15.2	11.70	15.3
Coastal Average	14.3	12.50	17.0
State Average	14.4	13.07	17.5

Source: Maine Department of Human Services, Office of Research and Vital Statistics, 1969-1975

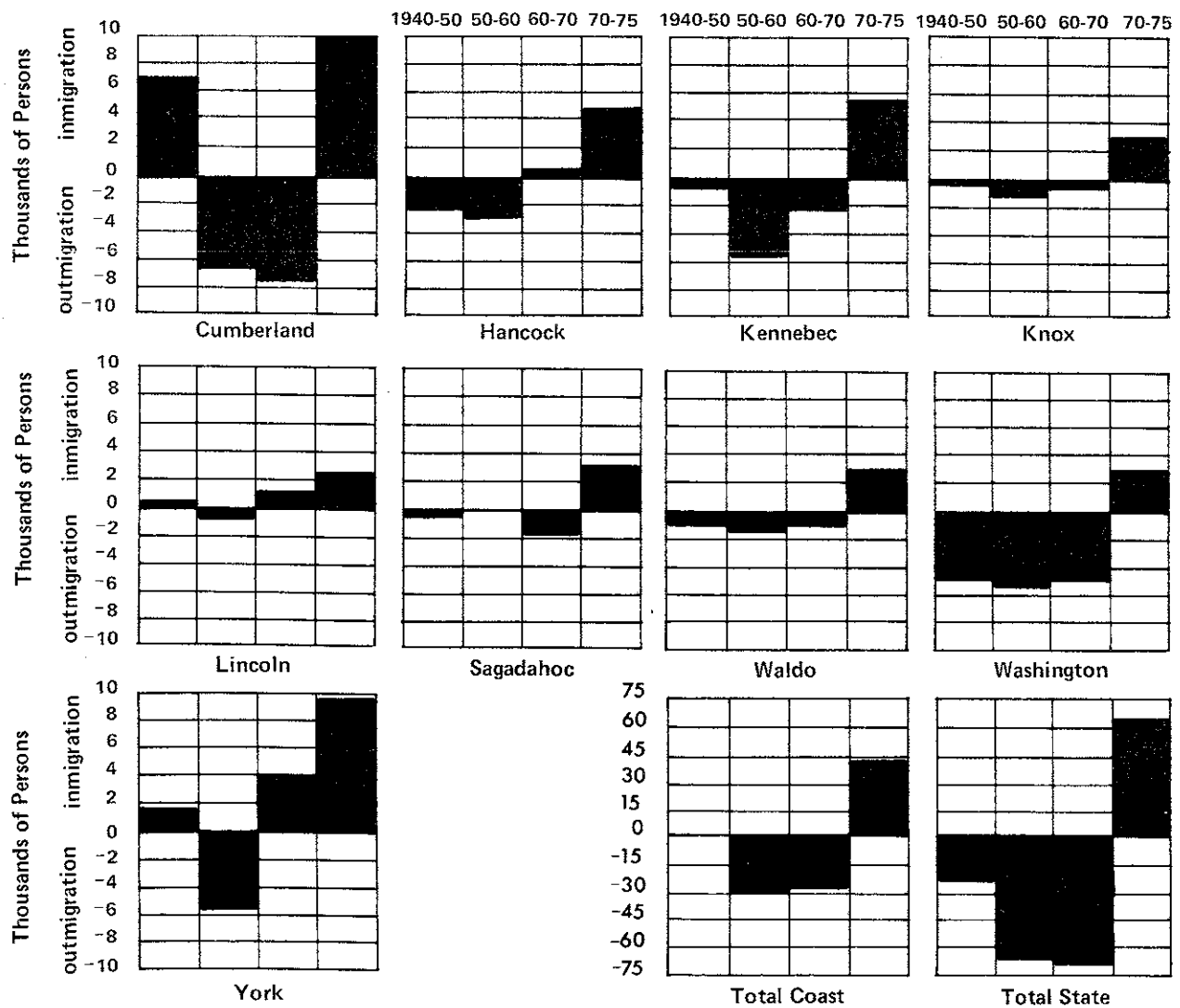
1.9 Crude Death*, Neonatal*, Infant Death Rates* (Coastal Counties)

1.10 Crude Birth and Death Rates* (in Maine Coastal Counties)



Source: Maine Department of Human Services, Office of Research and Vital Statistics

1.11 Net Migration* (Coastal Counties)



Technical Notes

Demography

Population Projections — These were obtained by assigning to each county a portion of the projected State population. The proportion was determined as follows: The average, annual rate of change in the share of the State population residing in the county during the years 1970 through 1975 was ascertained. The rate of change was then assumed to continue through 1982 and the resultant share of the State population assigned to the county. The effect of this procedure is to simultaneously take account of shifting residential patterns while forcing county projections, within the limits of the rounding error, to sum to the State total.

Crude Birth and Death Rate — The crude birth and death rate is reported as the number of deaths per 100,000 population. It does not take into account the effect upon deaths of the age composition of the population.

Fertility Rate — Crude Fertility Rate is the number of children born to women of childbearing age — 15 to 45 and multiplied by 1,000.

Infant Death Rate — The infant death rate is the number of infants dying in the first year of life of every 1,000 born live.

Life Expectancy — Point at which half of a censused population will have died.

Neonatal Death Rate — The neonatal death rate is the number of infants dying in the first month of life of every 1,000 born live.

Net Migration — That part of population growth which cannot be accounted for by births and deaths.

2 Land Use and Taxation

Introduction

This section provides statistics about the ways in which the coastal lands are used, the population density of towns, the comparative valuation of towns for taxable property, the linear shoreline lengths, lands classified under various tax laws, conservation easements and public lands, and finally those coastal lands belonging to the federal government.

The statistical base that determines population densities is closely related to the previous section. The Maine coast has an average population density of 65 persons per square mile, nearly double that of the State as a whole which is 35 persons per square mile. The range of coastal densities varies from the Portland area of 3,400 per square mile to 0.45 per square mile in Centerville, Western Washington County.

The State property valuations figures follow the population density trends with the highest values generally existing in the southern and mid-coast counties, then decreasing to the east.

Maine is unique on the U.S. Atlantic coast insofar as it has deeply indented estuaries and tidal rivers over 60 miles inland. The coast from Kittery to Eastport is about 250 miles in a straight line and over 4,100 miles long when all islands and estuary shorelines are measured. Of this extent of shoreline, a relatively small percent, about 160 miles are in the public domain. Maine ranks high among

the States in the percent of privately owned shoreline.

Two tax reform laws, the Tree Growth Tax Law and the Farm and Open Space Law, aid coastal property owners in keeping lands undeveloped. In 1975, there was a total of 199,049 acres in the coastal area classified under both laws.

Other recent laws such as the Maine Coastal Islands Registry have helped in clarifying ownership of the many coastal islands.

2.1 Population Density* by Town (Coastal Planning Areas)

Town	Acres	Square Miles	1974 Pop.	Persons Per Square Mile
1. Upper Penobscot Bay				
Belfast	21,786	34.04	6,306	185
Brooksville	21,631	33.80	767	23
Bucksport	34,699	54.22	4,381	81
Castine	5,053	7.90	981	124
Frankfort	16,200	25.31	624	25
Isleboro	9,967	15.57	500	32
Northport	15,801	24.96	740	30
Orland	33,023	51.60	1,615	31
Penobscot	26,955	42.12	782	19
Prospect	11,993	18.74	344	18
Searsport	19,180	29.97	2,005	67
Stockton Springs	12,739	19.90	1,421	71
Verona	4,247	6.64	382	58
Total	233,274	364.50	20,849	57
2. Knox Region				
Camden	12,554	19.62	4,311	219
Cushing	13,278	20.75	548	26
Friendship	8,153	12.74	871	75
Lincolnville	25,057	39.15	1,100	28
Matinicus	16,332	25.25	116	4
North Haven	7,474	11.68	452	47
Owls Head	5,682	8.88	1,420	160
Rockland	8,299	12.97	8,806	685
Rockport	14,601	22.81	2,309	101
St. George	14,834	23.18	1,854	77
So. Thomaston	8,834	13.80	924	67
Thomaston	7,247	11.32	2,884	257
Vinalhaven	14,172	22.14	1,205	52
Warren	31,744	49.60	1,986	45
Total	188,261	293.89	28,786	98
3. Eastern Penobscot Bay				
Blue Hill	36,301	56.72	1,341	24
Brooklin	11,883	18.57	664	35
Deer Isle	18,560	29.00	1,290	44
Isle au Haut	7,408	11.58	61	5
Long Island Pt.	1,539	2.40	53	22
Sedgewick	17,676	27.62	549	20
Stonington	5,482	8.57	1,287	150
Swans Island	7,118	11.12	353	32
Total	105,967	165.68	5598	34
4. Eastern Hancock County				
Bar Harbor	28,465	44.48	3,730	84
Cranberry Isles	2,043	3.19	202	63
Ellsworth	59,754	93.37	4,834	52
Franklin	25,061	39.16	831	21
Gouldsboro	32,225	50.35	1,448	29
Hancock	20,005	31.26	1,247	40
Lamoine	12,853	20.08	828	41
Mt. Desert	25,699	40.15	1,665	41
Sorrento	2,580	4.03	271	67
Southwest Harbor	8,884	13.88	1,731	125
Sullivan	17,928	28.01	908	32
Surry	25,124	39.26	623	63
Tremont	10,329	16.14	1,390	86
Trenton	12,529	19.58	591	30
Winter Harbor	8,031	12.55	1,190	10
Total	291,516	455.49	21,485	47

Town	Acres	Square Miles	1974 Pop.	Persons Per Square Mile
5. Lincoln County				
Alna	14,476	22.62	374	17
Bremen	10,483	16.38	483	29
Bristol	22,754	35.55	2,002	56
Boothbay	13,089	20.45	1,877	92
Boothbay Harbor	3,620	5.66	2,286	404
Damariscotta	8,933	13.96	1,281	98
Dresden	20,623	32.22	840	26
Edgecomb	11,893	18.58	710	38
Monhegan	500	0.78	54	67
Newcastle	19,957	31.17	1,129	36
Nobleboro	15,201	23.75	1,022	43
So. Bristol	7,847	12.26	739	60
Southport	3,051	4.77	456	96
Waldoboro	47,996	74.99	3,542	47
Westport	5,698	8.90	301	34
Wiscasset	16,474	25.74	2,484	97
Total	222,595	246.2	19,580	56
6. Western Mid-Coast				
Arrowsic	5,664	8.85	261	29
Bath	6,300	9.84	9,935	1,010
Bowdoinham	23,645	36.95	1,536	42
Brunswick	31,524	49.73	17,516	357
Georgetown	12,555	19.62	458	23
Harpswell	14,024	21.91	2,516	115
Richmond	19,712	30.80	2,185	71
Topsham	21,244	33.19	6,040	182
West Bath	7,890	12.33	1,037	84
Woodwich	24,067	37.60	1,964	52
Total	166,625	260.82	43,448	167
7. Western Washington County				
Addison	28,191	44.05	819	19
Beals	3,564	5.57	717	129
Centerville	26,458	44.47	20	1
Cherryfield	29,324	45.02	797	17
Columbia	23,447	36.64	172	5
Columbia Falls	14,105	22.04	493	22
Harrington	14,657	22.90	586	26
Jonesboro	24,168	37.76	502	13
Jonesport	16,556	24.31	1,286	53
Milbridge	15,667	24.79	1,345	54
Roque Bluffs	7,529	11.76	236	20
Steuben	29,100	45.47	830	18
Total	232,766	364.78	7,803	21
8. Central Washington County				
Cutler	29,293	45.77	783	17
East Machias	28,942	45.22	1,017	22
Machias	9,172	14.33	2,359	165
Machiasport	14,212	22.21	1,221	55
Marshfield	12,063	18.85	248	13
Whiting	33,533	52.40	235	4
Whitneyville	9,465	14.79	163	11
Total	136,680	213.57	6,026	28
9. Eastern Washington County				
Calais	23,699	37.03	3,943	106
Dennysville	9,614	5.02	285	56
Eastport	2,911	4.55	2,194	482
Lubec	23,937	37.40	2,016	54
Pembroke	18,784	29.35	808	28
Perry	22,104	34.54	1,020	30
Robbinston	19,151	29.92	367	12
Total	120,200	177.81	10,633	60

Town	Acres	Square Miles	1974 Pop.	Persons Per Square Mile
10. Greater Portland Area				
Cape Elizabeth	9,337	14.59	7,947	567
Cumberland	14,865	23.23	4,458	192
Falmouth	19,861	13.03	6,273	202
Freeport	23,727	37.01	5,049	136
Portland	12,254	19.15	65,101	3,400
Scarboro	31,350	48.98	9,141	187
So. Portland	8,273	12.93	23,036	1,782
Yarmouth	8,007	12.51	5,149	412
Total	127,674	181.43	126,154	695
11. York County				
Arundel	15,450	24.14	1,391	58
Biddeford	19,707	30.79	20,078	652
Eliot	13,013	20.33	3,765	185
Kittery	11,868	18.54	11,059	596
Kennebunk	23,032	35.99	5,976	166
Kennebunkport	13,719	21.44	2,274	106
Old Orchard Beach	4,803	7.50	5,776	770
Saco	24,831	38.80	12,575	323
So. Berwick	21,057	32.90	3,765	114
Wells	39,617	61.90	5,123	83
York	35,941	56.16	6,104	109
Total	223,038	348.49	77,826	223
12. Bangor Area				
Bangor	22,135	34.59	32,840	949
Brewer	9,761	15.25	9,381	615
Hampden	24,515	38.30	4,749	124
Orrington	17,081	26.69	2,763	104
Winterport	23,095	36.09	2,286	63
Total	96,587	150.92	52,019	345
13. Augusta Area				
Augusta	36,707	57.35	21,609	377
Chelsea	12,516	19.56	2,685	137
Farmingdale	7,264	11.35	2,457	216
Gardiner	10,222	15.97	6,953	435
Hallowell	3,690	5.77	2,676	463
Pittston	20,895	32.65	2,022	62
Randolf	1,333	2.08	1,947	936
Total	96,627	144.73	40,349	280
Coastal Total	2,241,804	3467.7	460,560	133.3

Note: See Table 0-1, page 5, for a complete alphabetical listing of towns, counties, Regional Planning Commissions, and Coastal Map Area Number

Source: Maine Departments of Inland Fisheries and Wildlife, Marine Resources, and U.S. Bureau of the Census population estimates.

*Note—Figures for the coastal unorganized territories are not included in this table.

2.2 State Property Valuation* by Town (Coastal Planning Areas)

	Town	Tax Ratio	Tax Rate	Total Real Estate and Personal Property Assessment (\$000)
1. Upper Penobscot Bay	Belfast	100	23.0	54,217
	Brooksville	65	24.0	13,277
	Bucksport	100	9.5	171,322
	Castine	68	21.0	16,114
	Frankfort	95	12.5	5,179
	Islesboro	100	13.8	26,159
	Northport	100	11.2	16,963
	Orland	90	17.0	15,762
	Penobscot	60	26.0	5,884
	Prospect	50	76.0	636
	Searsport	90	15.9	32,028
	Stockton Springs	100	14.2	14,031
	Verona	100	12.0	4,429
2. Knox Region	Camden	55	31.5	48,668
	Cushing	100	14.5	17,494
	Friendship	36	40.0	5,719
	Lincolnville	80	17.5	19,865
	Matinicus Isle Plt.	80	22.0	2,252
	North Haven	50	31.7	8,538
	Owls Head	70	19.5	16,321
	Rockland	100	24.5	100,712
	Rockport	100	17.0	49,903
	So. Thomaston	80	17.0	13,362
	St. George	100	14.5	36,824
	Thomaston	100	24.0	30,709
	Vinalhaven	100	10.7	32,984
	Warren	80	14.5	23,420
3. Eastern Penobscot Bay	Blue Hill	70	20.0	31,612
	Brooklin	64	22.5	10,732
	Deer Isle	25	52.0	10,227
	Isle au Haut	100	30.0	3,436
	Long Island Plt.	50	56.0	411
	Sedgewick	43	46.0	4,245
	Stonington	88	23.0	14,390
	Swans Island	100	12.0	11,877
4. Eastern Hancock Co.	Bar Harbor	75	27.2	64,358
	Cranberry Isles	100	9.5	12,983
	Ellsworth	100	13.7	101,747
	Franklin	100	13.7	7,766
	Gouldsboro	100	18.0	20,267
	Hancock	70	14.0	18,537
	Lamoine	100	12.2	13,537
	Mount Desert	100	41.0	39,952
	Sorrento	100	13.8	9,016
	Southwest Harbor	75	31.0	20,875
	Sullivan	100	17.0	7,550
	Surry	60	34.5	6,563
	Tremont	50	46.0	7,099
	Trenton	60	20.0	9,200
	Winter Harbor	100	24.0	7,763

	Town	Tax Ratio	Tax Rate	Total Real Estate and Personal Property Assessment (\$000)
5. Lincoln County	Alna	100	20.4	7,941
	Boothbay	30	44.8	18,507
	Boothbay Harbor	47	44.1	26,852
	Bremen	100	11.9	19,140
	Bristol	100	14.5	42,897
	Damariscotta	50	41.0	10,342
	Dresden	75	25.0	6,289
	Edgecomb	50	27.0	6,526
	Monhegan Plt.	20	229.0	232
	Newcastle	80	21.5	14,765
	Nobleboro	60	19.4	9,858
	South Bristol	100	15.0	19,518
	Southport	54	29.5	19,779
	Waldoboro	60	27.0	25,724
	Westport	50	71.0	2,981
	Wiscasset	50	37.5	131,639
6. Bath-Brunswick Western Mid-Coast	Arrowsic	60	46.0	1,334
	Bath	95	24.0	132,507
	Bowdoinham	100	31.0	8,937
	Brunswick	63	30.7	128,689
	Georgetown	80	17.0	16,777
	Harpwell	50	41.0	29,319
	Richmond	67	45.0	10,019
	Topsham	80	19.5	58,540
	West Bath	625	25.5	11,059
	Woolwich	50	36.5	1,060
	Perkins Twp.	---	---	---
7. Western Washington County	Addison	100	10.3	14,566
	Beals	50	37.0	2,357
	Centerville	60	90.0	264
	Cherryfield	50	21.5	5,788
	Columbia	70	17.0	2,981
	Columbia Falls	100	6.2	7,090
	Harrington	70	26.0	3,950
	Jonesboro	70	41.6	1,785
	Jonesport	50	23.4	9,797
	Milbridge	75	19.0	10,649
	Roque Bluffs	60	298.0	163
	Steuben	100	15.0	10,732
8. Central Washington County	Cutler	50	56.0	1,398
	East Machias	60	31.0	4,647
	Machias	55	27.5	14,425
	Machiasport	83	16.5	7,178
	Marshfield	80	12.8	3,577
	Whiting	80	14.0	3,531
	Whitneyville	10	154.0	217
	Marion	---	---	---
9. Eastern Washington County	Calais	66	28.5	36,329
	Dennysville	71	20.0	1,544
	Eastport	100	22.0	18,249
	Lubec	100	18.5	13,613
	Pembroke	80	23.0	4,409
	Perry	100	15.5	6,392
	Robbinston	100	20.0	3,135
	Trescott Twp.	---	---	---
	Edmunds Twp.	---	---	---

	Town	Tax Ratio	Tax Rate	Total Real Estate and Personal Property Assessment (\$000)
10. Greater Portland Area	Cape Elizabeth	50	42.9	61,501
	Cumberland	65	30.0	44,904
	Falmouth	91	21.0	106,628
	Freeport	100	15.2	68,125
	Portland	86	33.7	693,602
	Scarborough	85	24.6	114,178
	So. Portland	100	29.0	259,434
	Yarmouth	60	29.5	86,386
11. York County	Arundel	65	20.3	10,624
	Biddeford	100	23.0	167,245
	Eliot	90	30.5	23,008
	Kennebunk	80	35.0	53,654
	Kennebunkport	100	15.0	85,885
	Kittery	75	31.5	53,688
	Old Orchard Beach	100	19.0	105,239
	Saco	60	38.3	73,443
	South Berwick	59	39.0	13,528
	Wells	100	15.6	165,538
12. Bangor Area	York	25	56.0	46,317
	Bangor	71	45.3	200,668
	Brewer	80	26.3	87,831
	Hampden	122	15.0	57,264
	Orrington	80	19.0	21,018
13. Augusta Area	Winterport	50	80.0	3,551
	Augusta	65	33.0	139,733
	Chelsea	60	27.0	5,636
	Farmingdale	100	19.5	19,307
	Gardiner	50	43.0	26,381
	Hallowell	60	34.0	11,620
	Pittston	70	19.5	10,576
	Randolph	40	71.0	2,269

Source: Maine Bureau of Taxation 1976

2.3 Major Tax Map Contractors (Coastal Planning Areas)

Upper Penobscot Bay

Belfast	Wright & Pierce (58)
Brooksville	
Bucksport	Sewall (75)
Castine	Sewall (74)
Frankfort	Sewall (75)
Islesboro	Sewall (75)
Northport	O'Donnell
Orland	Sewall (75)
Penobscot	
Prospect	
Searsport	Sewall (56)
Stockton Springs	
Verona	Knowles (58)

Knox Region

Camden	WPA Project (36)
Cushing	O'Donnell (75)
Friendship	Sewall (67)
Lincolnville	Sewall (61)
Matinicus Isle P	
North Haven	Sewall (74)
Owls Head	Sewall (75)
Rockland	O.H. Tripp (40)
Rockport	Sewall (74)
So. Thomaston	Sewall (75)
St. George	Sewall (65)
Thomaston	Sewall (73)
Vinalhaven	Sewall (74)
Warren	O'Donnell (75)

The absence of a name indicates no tax maps available for that town.

Eastern Penobscot Bay

Blue Hill	
Brooklin	Sewall (74)
Deer Isle	
Isle au Haut	(No Name) (76)
Long Island Pt	
Sedgewick	(No Name) (66)
Stonington	Buxton (75)
Swans Island	

Eastern Hancock County

Bar Harbor	Sewall (49)
Cranberry Isles	
Ellsworth	Sewall (75)
Franklin	Sewall (46)
Gouldsboro	
Hancock	
Lamoine	Sewall (74)
Mount Desert	Sewall (74)
Sorrento	Sewall (75)
Southwest Harbor	Sewall (56)
Sullivan	Sewall (75)
Surry	
Tremont	Sewall (67)
Trenton	
Winter Harbor	Sewall (75)
T7SD	
T8SD	
T9SD	
T10SD	

Southern Mid-Coast

Alna	O'Donnell
Boothbay	Wright & Pierce (55)
Boothbay Harbor	Sewall (69)
Bremen	Sewall (75)
Bristol	Sewall (75)
Damariscotta	Sewall (75)
Dresden	
Edgecomb	
Monhegan Pt	
Newcastle	Sewall (66)
Nobleboro	
South Bristol	
Southport	Sewall (76)
Waldoboro	O'Donnell (69)
Westport	
Wiscasset	O'Donnell (75)

Bath-Brunswick, Western Mid-Coast

Arrowsic	
Bath	Sewall (65)
Bowdoinham	O'Donnell (68)
Brunswick	Wright & Pierce (74)
Georgetown	O'Donnell (74)
Harpwell	Babbidge (75)
Phippsburg	Sewall (75)
Richmond	
Topsham	O'Donnell (75)
West Bath	O'Donnell (75)
Woolwich	O'Donnell (73)

Western Washington County

Addison
Beals
Centerville
Cherryfield
Columbia
Columbia Falls

Harrington
Jonesboro
Jonesport
Milbridge
Roque Bluffs
Steuben

Sewall (71)

Sewall (74)

Central Washington County

Cutler	
East Machias	
Machias	Sewall (67)
Machiasport	
Marshfield	
Whiting	Sewall (72)
Whitneyville	

Eastern Washington County

Calais	Sewall (49)
Dennysville	
Eastport	U.S. Army (30)
Lubec	Sewall (75)
Penbroke	
Perry	
Robbinston	
Trescott Twp.	
Edmunds Twp.	

Greater Portland Area

Cape Elizabeth	Wright & Pierce (56)
Cumberland	O'Donnell (75)
Falmouth	O'Donnell (75)
Freeport	Sewall (53)
Portland	Portland (26)
Scarborough	Jordan (57)
So. Portland	Sewall (57)

York County

Arundel	O'Donnell (75)
Biddeford	Sewall (73)
Eliot	O'Donnell (69)
Kennebunk	Sewall (73)
Kennebunkport	Avis Air Map (74)
Kittery	Sewall (60)
Old Orchard Beach	Avis Air Map (74)
Saco	Sewall (66)
South Berwick	Sewall (75)
Wells	Sewall (75)
York	Sewall (68)

Bangor Area

Bangor	American Air Survey Inc.
Brewer	Sewall (75)
Hampden	Hanson (75)
	printed by
	Sewall
Orrington	Sewall (70)
Winterport	Wright & Pierce (64)

Augusta Area

Augusta	Sewall (54)
Chelsea	Sewall (73)
Farmingdale	Sewall (72)
Gardiner	Sewall (74)
Hallowell	Sewall (65)
Pittston	O'Donnell (75)
Randolph	O'Donnell (75)

Note: Sewall (54) indicates Sewall Co. was the map contractor and the survey was conducted in 1954. See the list below for all the contractors.

TAX MAP CONTRACTORS

Avis Airways Company
233 Harvard Street
Brookline, MA 02146

Babbidge, Howard
Ward Town Road
Freeport, ME 04032

Hanson
Town Office
Hampden Highlands, ME 04445

E.C. Jordan Company
379 Congress Street
Portland, ME 04101

Knowles, Jerome
Northeast Harbor, ME 04662

Lord, John
193 Exchange Street
Bangor, ME 04401

O'Donnell Associates
81 Maine Street
Auburn, ME 04210

Portland
City Hall
389 Congress Street
Portland, ME 04101

Sewall Company
Old Town, ME 04468

Wright, Pierce, Barnes,
& Wyman
Main Street
Topsham, ME 04086

Source: State Planning Office

2.4 Linear Miles of Shoreline (Coastal Planning Areas)

	Estimated % of Total	Estimated Number of Miles
1. Upper Penobscot Bay	6.1	250
2. Knox Region	13.4	544
3. Eastern Penobscot Bay	10.3	439
4. Eastern Hancock County	9.9	403
5. Lincoln County	10.7	435
6. Bath-Brunswick, Western Mid-Coast Region	15.3	608
7. Western Washington County	11.1	452
8. Central Washington County	3.4	142
9. Eastern Washington County	7.6	311
10. Cumberland—Greater Portland	5.2	206
11. Southern Maine—York County	5.6	230
12. Bangor	1.2	50
13. Augusta	1.0	39
Coastal Total Miles		4,109

Note: Percentages do not add to 100 due to rounding

Source: *Conservation Priorities Plan for the Maine Coast*—Center for Natural Areas, South Gardiner, Maine, 1973

2.5 Land Under Jurisdiction of the Bureau of Public Lands (Coastal Planning Areas)

Location	Name	Acreage
Upper Penobscot Bay		
Northport	Durham Forest	105
Knox Region		
Warren/Thomaston	State Prison Farm	973
Bath-Brunswick, Western Mid-Coast		
Topsham	Beatrice Baxter Memorial Forest	125
Eastern Hancock County		
T8SD	Public Lot	640
T10SD	Public Lot	960
Southern Maine— York County		
Kennebunk	Bragdon Memorial Forest	87

Source: Maine Bureau of Public Lands, 1977

2.6 Land Under Tree Growth* — Open Space Laws (Coastal Planning Areas)

	Land Classified (Acres)
Upper Penobscot Bay	16,134
Knox Region	736
Eastern Penobscot Bay	5,998
Eastern Hancock County	24,985
Lincoln County	773
Bath-Brunswick, Western Mid-Coast	43,939
Western Washington County	37,110
Central Washington County	42,092
Eastern Washington County	12,048
Cumberland—Greater Portland	4,415
Southern Maine—York County	9,247
Bangor Area	417
Augusta Area	1,155
Coast Total	199,049
Maine	2,758,622

Source: Maine Bureau of Taxation, 1976 Valuation Return

2.7 Conservation Easements* (Coastal Counties)

	Town	Acres	Recipient
Cumberland	Harpwell	100.0	P/R
	Falmouth	6.0	P/R
	Freeport	200.0	P/R
	Gray	17.9	Town of Gray
	Total	323.9	
Hancock	Swans Island	1,205.0	ANP
	Brooklin	22.0	ANP
	Southwest Harbor	109.9	ANP
	Cranberry Isles	120.0	ANP
	State of Maine	698.5	ANP, TNC
	Deer Isle	13.0	ANP
	Bar Harbor	320.9	ANP
	Tremont	408.3	ANP, FW
	Brooklin	48.0	ANP
	Stonington	130.5	ANP/TNC
	Mt. Desert	32.6	ANP
	Long Island Pt.	430.0	ANP
	Sorrento	114.6	ANP, TNC
	Hancock	65.0	P/R
	Lamoine	120.0	F/W
	Gouldsboro	78.0	ANP
	Total	3,916.6	
Knox	Isle au Haut	219.0	ANP, TNC
	North Haven	312.5	ANP
	St. George	60.0	F/W, P/R
	Friendship	104.0	Aud
	Matinicus	225.0	F/W
	Total	920.5	
Lincoln	Bristol	50.0	P/R
	South Bristol	60.0	F/W
	Boothbay	3.0	F/W
	Bremen	27.0	F/W
	Westport	5.0	F/W
	Total	145.0	

	Town	Acres	Recipient
Sagadahoc	Bowdoinham	200.0	F/W
	Woolwich	65.0	F/W
	Total	265.0	
Waldo	Lincolntonville	25.0	P/R
	Islesboro	22.5	P/R, F/W
	Total	47.5	
Washington	Harrington	675.0	F/W, P/R, TNC
	Perry	50.0	TNC
	Cutler	77.0	F/W
	Total	802.0	
York	Lebanon	400.0	P/R
	Biddeford	33.0	Aud., P/R
	Total	433.0	
Index: P/R = Parks & Recreation ANP = Acadia National Park TNC = The Nature Conservancy F/W = Inland Fisheries and Wildlife Aud = Audubon Society			

Source: Maine Coast Heritage Trust, Bar Harbor, Maine, 1977

2.8 Federal Lands*(Coastal Planning Areas)

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
8-1	Machias	Food Commercial Storage and Distribution Center	0.2	Office of Economic Opportunity	Washington/Hancock Comm. Agency, Machias, ME 255-3431
5-1	Boothbay Harbor	Biological Laboratory McKown Point	7.1	Dept. of Commerce, National Oceanic Atmospheric Administration	Phil Goggins, Dept. of Marine Resources, Hallowell, ME 289-2291 or 3371
9-2	Calais	St. Croix Island National Monument	22.2	Dept. of the Interior, National Park Service	Keith Miller, Superintendent, Acadia National Park, RFD #1 Box 1, Bar Harbor, ME 04609 288-3338
4-1	Bar Harbor	Acadia National Park	34,378.0		
4-2					
4-3					
1-3	East Orland	Craig Brook National Fish Hatchery	134.7	Dept. of the Interior, Fish and Wildlife Service	Michael Hendrix, Craig Brook National Fish Hatchery, East Orland, ME 469-2803

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
4-2	Ellsworth	Green Lake National Fish Hatchery	128.9		Bernard Dennison, Green Lake National Fish Hatchery, Ellsworth, ME 04605 667-9531
2-3	Southwest of Isle au Haut	Seal Island National Wildlife Refuge	65.0		Dept. of the Interior, Fish and Wildlife Service, Moosehorn National Wildlife Refuge, Baring, ME 454-3521
6-1	Popham Beach	Phippsburg-Pond Island Wildlife Refuge	10.0		William Koch, Acting Refuge Manager, Parker River National Wildlife Refuge, Newburyport, MA 01950 617-465-5753
9-2	Baring, Calais	Moosehorn National Wildlife Refuge	16,065.0	Dept. of the Interior, Fish and Wildlife Service	Refuge Manager, Moosehorn National Wildlife Refuge, Calais, ME 04619 454-3521
9-1	Edmunds		6,665.49		
	York County	Rachel Carson National Wildlife Refuge	1,406.4		William Koch, Acting Manager, Parker River N.W.R., Newburyport, MA 10950 617-465-5753
11-1		a. Brave Boat Harbor Division	233.26		
11-2		b. Goose Rocks Division	308.50		
11-2		c. Little River Division	105.10		
11-1		d. Moody Division	170.54		
11-2		e. Mousam River Division	24.0		
11-1, 11-2		f. Upper Wells Division	185.20		
11-1		g. Lower Wells Division	367.26		
10-1		h. Spurwink River Division			
2-1	Friendship	Franklin Island National Wildlife Refuge	12.0		Refuge Manager, Moosehorn National Wildlife Refuge, Calais, ME 04619 454-3521
7-1	Steuben	Petit Manan National Wildlife Refuge	1,562.0		

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
1-2	Belfast	Monitoring Station Monitoring Station	138.3	Federal Communi- cation Commis- sion	Federal Communi- cation Commis- sion, Route 137, PO Box 470, Belfast, ME 04915 338-4088
9-1	Lubec	Waterways Ex. Sta- tion, Treat Island	3.1	Corps of Engineers	Gardner Blodgett, U.S. Army Corps of Engineers, Needham, MA, 617-894-2400 Ex. 215
11-2	Kennebunkport	Kennebunk River Jetty	6.0		
10-1	Portland	Court House, 156 Federal St.	0.9	General Services Administration	Beverly James, OPER Planning STFF GSA, McCormack Post Office and Court House, Boston, MA 02109 617-223-2601
10-1	Portland	Post Office and Custom House, 312 Fore St.	0.3		
10-1	Portland	Parking Lot, Ex- change St.	0.4		
10-1	Portland	Motor Pool, 21 Pearl St.	0.6		
10-1	Portland	Parking Lot, Brattle St. & Parris St.	0.1		
10-1	Portland	Naval Training Site, Commercial St.	6.7		
4-2	Ellsworth	Post Office, 41 Main St.	0.2		
13	Augusta	Post Office, Federal Blds., 40 Western Ave.	2.9		
12	Bangor	Post Office and Court House, 202 Harlow St.	3.0		
9-2	Calais	Milltown Border Station, North St.	0.2		
9-2	Calais	Ferry Point Border Station, Main St.	0.4		
11-2	Biddeford	Post Office, 35 Washington St.	0.4		

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
1-1	Islesboro	Grindel Point Light	0.1	U.S. Coast Guard	Capt. Royal E. Grover or David Wood, Navigation Aid, 1st USCGO, 150 Causeway St., Boston, MA 02114 617-494-2709
1-2	Stockton Springs	Fort Point Light Station	2.1	U.S. Coast Guard	<i>OR</i> J.P. Driscoll or John Wofford, Chief, Logistics and Property Branch, c/o Commander, 1st CG District, 150 Causeway St., Boston, MA 02114 223-6903
2-1	Friendship	Franklin Island Light	12.0		<i>OR</i>
2-1	Owls Head	Owls Head Light Station	4.3		L.A. Roe, Chief Warrant Officer, c/o Commander, Coast Guard Group, 259 High St., So. Portland, ME 04106 799-5531 ext. 34
2-1	Port Clyde	Marshall Point Light Station	5.6		
2-1	St. George	Whitehead Light Station	11.1		
2-2	Camden	Curtis Island Light Station	0.1		
2-2	Rockland	Rockland Station	1.1		
2-2	Rockland	Rockland Light	1.1		
2-3	North Haven	Goose Rocks Light Station	0.1		
2-3	Rockland, Matinicus	Matinicus Rock Light Station	8.0		
2-3	Muscle Ridge, South Thomaston	Two Bush Island Light Station	2.0		
2-3	Vinalhaven	Brown's Head Light Station	6.0		
2-3	Vinalhaven	Heron Neck Light Station	10.0		
3-1	Long Island Pt.	Great Duck Island Light Station	10.1		
3-1	Swan's Island	Burnt Coal Harbor Light Station	1.0		
3-2	Deer Isle	Eagle Island Light	6.0		
3-2	Isle au Haut	Isle au Haut Light	.1		
3-2	Isle au Haut	Ram Island Light	4.0		
3-2	Stonington	Deer Island Thoro- fare Light	1.0		
3-3	Brooklin	Blue Hill Bay Light	.1		
4-1	Bass Harbor, Tremont	Bass Harbor Head Light Station	2.0		
4-1	Cranberry Isles	Baker Island Light	.1		
	Mount Desert Rock	Mount Desert Rock Light	10.0		

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
4-1	Northeast Harbor,	Bear Island Light	2.0		
	Mount Desert	Station			
4-1	Southwest Harbor	Southwest Harbor	1.5		
		Base			
4-1	Southwest Harbor	Southwest Harbor	8.7		
		Base Housing			
4-3	Gouldsboro	Egg Rock Light	3.0		
		Station			
4-3	Gouldsboro	Prospect Harbor	.2		
		Light			
5-1	Boothbay Harbor	Burnt Island Light	5.0		
		Station			
5-1	Boothbay Harbor	Boothbay Harbor	2.8		
		Station			
5-1	Bristol	Pemaquid Point	.1		
		Light			
5-1	Monhegan	Manana Island SOC	.1		
		SIG Station			
5-1	Monhegan	Monhegan Island	.1		
		Light Station			
5-1	Newagen, South-	Cuckolds Light Sta-	7.0		
	port	tion			
6-1	Arrowsic	Coubling Point	4.5		
		Range Light Sta-			
		tion			
6-1	Arrowsic	Squirrel Point Light	4.5		
		Station			
6-1	Georgetown	Seguin Island Light	20.0		
		Station			
6-1	Georgetown	Perkins Island Light	9.0		
		Station			
6-1	Harpwell	Little Mark Island	1.0		
		Mon. Light			
6-1	Phippsburg	Kennebec River	.7		
		Station			
6-1	Phippsburg	Kennebec River	.2		
		Station Wharf			
6-1	Popham Beach,	Pond Island Light	10.0		
	Phippsburg				
7-1	Steuben	Petit Manan Light	9.0		
		Station			
7-2	Addison	Nash Island Light	4.0		
		Station			
7-2	Jonesport	Moose Pk. Light	4.0		
		Station			
7-2	Jonesport	Jonesport Station	4.1		
7-2	Jonesport	Jonesport Station	9.9		
		Housing			
8-1	Machiasport	Avery Rock Light	.8		
8-1	Machiasport	Libby Island Light	45.0		
		Station			
8-2	Cutler	Little River Light	15.0		
		Station			
9-1	Lubec	Lubec Channel	9.0		
		Light			
9-1	Lubec	West Quoddy Head	9.0		
		Light Station			
9-2	Calais	St. Croix River	2.0		
		Light			
9-2	Calais	Whitlock's Mill	2.0		
		Light Station			
9-2	Eastport	Dog Island Light	.8		
10-1	Cape Elizabeth	Cape Elizabeth	17.6		
		Light			
10-1	Cape Elizabeth	Portland Head Light	.7		
		Station			

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
10-1	Portland	Crow Island Light	2.2		
10-1	Portland	Halfway Rock Light Station	1.5		
10-1	Portland	Ram Island Ledge Light	5.0		
10-1	South Portland	Fort Scammel Point Light	.1		
10-1	South Portland	Spring Point Ledge Light Station	8.3		
10-1	South Portland	South Portland Base	11.0		
11-1	Kittery	Whaleback Light Station	.5		
11-1	York	Cape Neddick Light Station	6.0		
11-1	York	Boon Island Light Station	3.0		
11-2	Biddeford	Fletcher's Neck Station	.8		
11-2		Goat Island Light Station	3.5		
11-3	Cape Porpoise, Kennebunkport	Stage Island Daybeacon	.1		
12	Winterport		260.0	U.S. Dept. of Agri- culture, Forest Service	Graham T. Munkit- trick or Warwick Tinsely, Soil Con- servation Service, U.S. Dept. of Agriculture, Room 522, Hart- wick Bldg. 4321 Hartwick Road, Orono, ME 04473 866-2132 Forest Service, Soil Conservation Ser- vice, U.S.D.A. 5-942-8388 (Bangor Ex- change)
12	Bangor	U.S. Army Reserve Center	5.0	MILITARY IN- STALLATIONS Army	Mr. Maillet, Advisor, 931 Union St., PO Box 1050, Bangor, ME 5-942-8271
11-2	Saco	U.S. Army Reserve Center	3.0		Joseph Donahue, 101 Franklin St., Saco, ME 284-4822
6-1	Brunswick	Brunswick Naval Air Station	3,472.0	Navy	Commanding Offi- cer, Brunswick Naval Air Station, Bath Road, Bruns- wick, ME 04011 921-1110
6-1	a. Harpswell	Casco Bay Fuel Farm	(fee) 70.4 (easement) 5.0		
6-1	b. Phippsburg	RAKE Station, Sabino Hill	.23		
6-1	c. Phippsburg	RAKE Station, Small Point	.23 (easement) 8.63		
6-2	d. Topsham		(fee) 43.35 (easement) 11.0		
13	Augusta	Reserve Center	4.0		Commanding Offi- cer, Naval Reserve Training Center, Union St., Augusta, ME 622-6171

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
12	Bangor	Reserve Center	3.0	Navy	Commanding Officer, Naval Reserve Training Center, 402 Essex St., Bangor, ME 04401 942-8271 or 947-0669
8-2	Cutler	Cutler Radio Station	2.988.0		Commanding Officer, U.S. Naval Radio Station, Cutler ME 259-8551
5-1	South Bristol	Industrial Reserve Plant Rep. Office	15.0		
11-1	Kittery	Portsmouth Naval Shipyard, Seavey Island	277.0		Commanding Officer, Portsmouth Naval Shipyard, Kittery, ME 439-1000
10-1	South Portland	Reserve Center	4.0		Commanding Officer, U.S. Naval Reserve Center, Commercial St., Portland, ME 775-6555
2-3	Owls Head, Muscle Ridge	Trail Course Range	1.0		
4-3	Gouldsboro	Astronautics Group	5.8		Commanding Officer, Security Group Activity, Navy Base, Winter Harbor, ME 963-5534 or 963-7700
	a. Winter Harbor	Security Group Activity Housing			
	b. Gouldsboro	Security Group Activity Operations	465.00		
	c. Winter Harbor	Security Group Activity Housing	177.0		
	d. Winter Harbor	Security Group Activity			
6-1	Harpwell	Whaleboat Island	1.0		Commander, CEC, Real Property Management, Naval Facilities Engineering Command, Dept. of the Navy, Washington, D.C. 20390
11-1	Kittery, Isles of Shoals	Duck Island Target Range	9.5		
2-3	Matinicus	Seal Island Target Range	65.0		
8-1	Machiasport	Bucks Harbor Air Force Station	48.0	Air Force	Commanding Officer, Bucks Harbor A.F.S., Bucks Harbor, ME 255-8316
1-2	Searsport	P.O.L. Retail Distribution Station	1,203.0 (easement) 43.0 (lease) 20.0 (fee)		Petrol Dept., U.S.A.F. Depot, Searsport, ME 548-2201

Coastal Map Area	Location	Name Property	Acreage	Agency	Contact
12	Knox County	Pease Medical Annex	880 ft.		
	Great Pond Plt.	Loring Rec. Annex			
	Bangor	Bangor Interna- tional Airport		Air National Guard	Commanding Offi- cer, Air National
		Bangor Ammunition Storage Annex			Guard, Bangor
		Bangor Housing Site No. 2			International Air- port, Bangor, ME
		Bangor Housing Site No. 3			947-0571
		Bangor Middle Marker Annex			

Source: Maine State Planning Office, unpublished data, 1977

2.9 Public and Quasi-Public Lands*

	Percent of Total Acres	Percent of Total Public and Quasi-Public
Coastal Acreage	100	—
Federal	2.1	49.7
State	1.0	24.7
(Bureau of Parks and Recreation)	(0.6)	(13.5)
Municipal	0.7	17.5
Quasi-Public	0.3	8.1
Total Public and Quasi-Public	4.1	100

Source: *Maine Coastal Recreation and Open Space Conservation* (Draft) Bureau of Parks and Recreation, 1977

Islands — Note

There are approximately 3,000 islands off the Maine Coast. Of these, approximately 1,500 are registered to private ownership under the Maine Coastal Island Registry, and 1,500 are within State jurisdiction. Ownership of all of these islands has not been determined at this point.

Technical Notes

Conservation Easement — A legal means by which a land-owner may voluntarily set permanent limitations on the future uses of his land.

Federal Lands — Any land held in fee simple by any agency of the federal government.

Population Density — This is usually calculated by dividing the number of acres or square miles of a town by the most recent population.

Quasi-Public — For the purpose of this report, quasi-public areas are defined as lands held by private owners but which accrue some public benefit from their open space values by having restrictions on their use or development. Most of the lands classified here as quasi-public are held by non-profit, natural resource, or conservation organizations.

State Valuation — Estimated value of all taxable property subject to the property tax in the State.

Tree Growth, Farm, and Open Space Tax Laws — These tax laws are a result of an Amendment to Article 9 of the Maine State Constitution which allows for a "current use" assessment of these lands as opposed to a "highest and best use" assessment

3 Economy

Introduction

In this section the economy of the coast is described through the presentation of data on personal and household income, total and projected employment, employment rates, taxable sales, major products, and major coastal industrial expansion.

1975 average after tax income for coastal counties was generally lower than the average income in Maine for the same period. Coastal counties showing high incomes consistently above the State average were Cumberland, Kennebec, and Knox. Coastal counties showing low incomes consistently below the State average were Washington, Hancock, and Waldo.

In 1975, about 233,030 persons were employed in coastal counties as compared to 391,100 in the entire State. Unemployment in 1976 in the coastal counties averaged 8.5 percent which is slightly less than the State average, although there is a larger seasonal fluctuation in coastal areas.

There are eight basic industrial activities in Maine's coastal planning area. According to 1970 statistics, the largest by far is manufacturing. About 30 percent of the total coastal workforce is employed in manufacturing with the highest density in the Portland-Brunswick areas. Industries having the most highly valued products in the coast are food, paper, and transportation equipment.

Although overall the coastal economy is still based on manufacturing, the fastest rate of growth in non-manufacturing industry is occurring in the trades and services.

Most of the coastal industrial expansion continues to occur in larger, more developed towns and cities with generally more than half of the new activity taking place in York and Cumberland counties.

3.1 Mean Per Capita Personal Income (Coastal Counties)

	1965	1970	1974	1975
Cumberland	\$2,688	\$3,820	\$5,242	\$5,718
Hancock	2,121	3,146	4,450	4,720
Kennebec	2,274	3,387	4,654	5,103
Knox	2,172	3,188	4,402	4,809
Lincoln	2,201	3,969	4,547	4,932
Sagadahoc	2,385	3,232	4,242	4,588
Waldo	1,868	3,044	4,065	4,308
Washington	1,666	2,527	3,540	3,875
York	2,351	3,494	4,479	4,864
Coastal County Average	2,191	3,311	4,402	4,768
State Average	2,307	3,302	4,536	4,785

Source: U.S. Department of Commerce, Division of Economic Analysis

3.2 Net Household Income (Coastal Counties)

	Median Household Income	\$0 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	to \$25,000 +
Cumberland	\$15,232	22.7%	6.8%	19.5%	33.9%	17.1%
Hancock	12,226	30.7	9.2	21.4	28.1	10.6
Kennebec	15,236	22.1	6.5	20.4	33.2	17.8
Knox	12,594	30.1	8.5	22.2	28.1	11.1
Lincoln	11,668	32.6	9.5	21.5	27.5	8.9
Sagadahoc	13,151	26.3	7.7	25.0	31.5	9.5
Waldo	12,216	29.5	9.8	22.7	27.9	10.1
Washington	9,813	41.0	9.9	21.2	21.0	6.9
York	13,289	27.2	7.8	23.0	31.5	10.5
Coastal Counties Total	12,825	30.2	8.4	21.8	29.1	11.3
State Total	13,394	26.8	8.2	22.1	30.8	12.1

Source: Sales Management Magazine, Survey of Buying Power (1977)

3.3 Total and Projected Employment (Coastal Counties)

	1950	1960	1970	1975	1980	1990
Cumberland	61,520	68,567	78,640	84,380	87,800	93,100
Hancock	10,792	10,876	14,430	16,890	14,200	15,400
Kennebec	30,632	32,502	36,800	38,140	41,800	44,200
Knox	9,787	9,772	11,240	11,660	11,800	12,100
Lincoln	5,957	6,058	8,000	7,310	8,500	8,900
Sagadahoc	6,457	8,492	8,650	9,880	10,600	11,800
Waldo	7,123	7,289	8,690	9,020	9,700	10,100
Washington	10,168	9,695	10,890	11,200	9,900	10,200
York	35,268	36,595	43,630	44,550	50,200	54,000
Coastal County Total	177,704	189,846	220,970	233,030	244,500	259,800
State Total	NA	NA	378,800	391,100	NA	NA

Source: Maine State Planning Office

3.4 Civilian Labor Force Unemployed (Maine and Coastal Counties)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Coastal												
Counties Average	11.0	11.4	11.3	10.1	8.3	8.1	8.3	6.6	6.3	7.1	8.0	8.7
State Average	11.1	10.9	10.7	10.0	12.9	8.4	9.8	7.1	6.8	7.2	8.0	8.5
County Average = 8.8 percent						State Average = 9.3 percent						

Source: Maine Department of Manpower Affairs, Employment Security Commission, 1976.

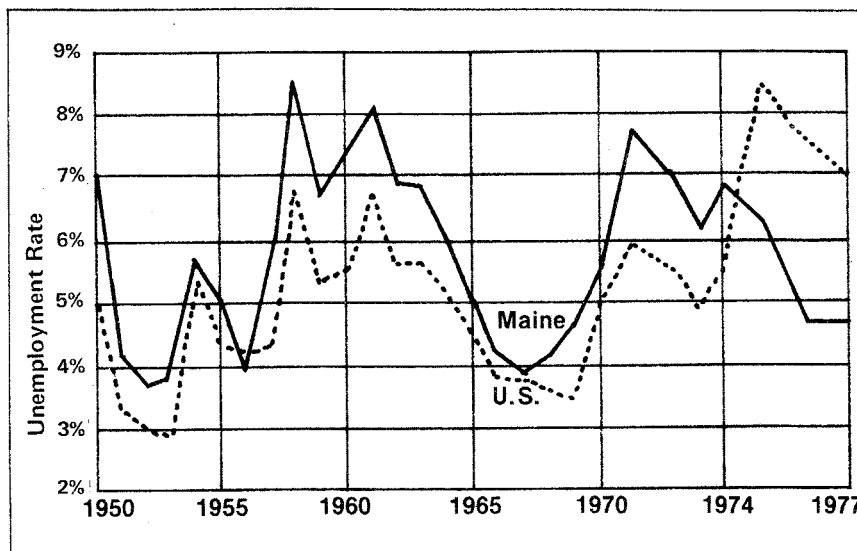
3.5 Industry of Employed Workers (Coastal Planning Area)

	Total Employed	Agriculture Forestry Fisheries	Mining	Construction	Manufacturing	Transportation
Upper Penobscot Bay	6,182	244	64	479	2,522	405
Western Penobscot Bay	8,655	722	32	632	2,435	526
Eastern Penobscot Bay	1,587	299	92	311	190	56
Eastern Hancock County	6,210	364	15	858	904	413
Lincoln County	5,902	640	6	670	1,333	360
Bath-Brunswick	13,464	440		932	4,736	568
Western Washington County	2,124	652	7	108	526	52
Central Washington County	1,503	209		106	258	37
Eastern Washington County	2,987	114		322	1,038	198
Greater Portland Area	45,294	538	44	2,651	8,644	3,990
York County	25,085	569	13	1,565	10,821	1,216
Bangor Area	17,935	347	29	819	2,688	1,744
Augusta Area	14,379	371	8	1,042	3,778	751
Coastal Planning Areas Total	151,307	5,509	310	10,495	39,873	10,316
State Total	365,850	15,061	482	23,015	115,539	11,384

	Wholesale & Retail Trade	Finance & Business Services	Personal Services	Professional & Recreation Services	Public Administration
Upper Penobscot Bay	1,020	277	405	925	246
Western Penobscot Bay	2,040	342	723	1,359	567
Eastern Penobscot Bay	165	76	145	325	73
Eastern Hancock County	1,424	409	580	1,433	390
Lincoln County	1,295	305	398	915	378
Bath-Brunswick	2,342	518	652	2,979	949
Western Washington County	329	134	78	205	111
Central Washington County	303	125	104	266	199
Eastern Washington County	567	139	148	398	211
Greater Portland Area	12,643	5,062	2,397	9,279	2,443
York County	4,844	1,374	1,151	3,786	897
Bangor Area	5,230	1,441	948	4,547	1,090
Augusta Area	2,923	813	713	2,958	1,735
Coastal Planning Areas Total	35,125	11,015	8,442	29,375	9,289
State Total	71,331	14,986	16,892	93,334	17,455

Source: Maine State Planning Office, U.S. Bureau of the Census, 1970

3.6 U.S. and Maine Employment Rates



Source: Maine Department of Manpower Affairs, Bureau of Labor, Division of Research and Statistics, 1977.

3.7 Major Products (Coastal Planning Areas)

Industry Rank	Number of Established Companies	Rank Value of Product (in thousands of \$)	Valued Product and Percent of State Total	Total Employed	Average * Gross Wage	Capital * Expenditures (in thousands of \$)
1 Food	167	\$386,942,291	62	7,128	\$ 6,438	\$ 5,403
2 Paper & Allied Products	16	166,687,995	13	2,292	9,721	13,923
3 Transportation Equipment	76	146,453,245	92	11,141	10,711	6,954
4 Electrical Machinery	17	145,892,832	68	3,061	6,305	7,321
5 Leather	33	115,566,843	30	5,504	5,962	1,174
6 Fabricated Metals	37	76,609,931	76	1,958	9,503	2,736
7 Textiles	18	64,704,132	25	2,391	6,780	2,129
8 Machinery	45	49,561,104	61	1,622	8,713	1,535
9 Printing	98	45,308,876	75	2,010	7,759	2,295
10 Chemicals	24	37,776,432	69	620	7,520	1,915
11 Apparel	27	36,145,619	82	2,152	4,976	273
12 Lumber & Wood	142	29,991,540	7	844	6,350	2,375
13 Rubber & Plastics	15	22,847,366	20	784	5,692	2,011
14 Stone, Clay & Glass	28	21,303,078	52	399	10,693	1,248
15 Petroleum and Coal Products	13	13,686,053	42	300	10,481	1,210
16 Miscellaneous Manufacturing	24	13,577,377	56	656	5,241	233
17 Instruments	7	6,325,337	84	386	6,680	608
18 Furniture	15	2,620,010	11	131	6,075	15
19 Primary Metals	3	975,430	10	59	5,425	59
Coastal Total	805	\$1,382,975,491	36	43,438	\$ 7,917	\$53,461
State Total	2,386	\$3,803,864,567	100	105,849	7,646	N.A.

Source: Maine Department of Manpower Affairs, Bureau of Labor, Division of Research and Statistics, 1974

3.8 Taxable Sales* (Coastal Counties)

County	In thousands of dollars				Percent Change '71-'74
	1971	1972	1973	1974	
Cumberland	394.7	445.2	502.1	513.6	30.1
Hancock	60.6	67.8	79.8	86.5	42.7
Kennebec	159.8	174.0	197.7	203.5	27.3
Knox	44.7	49.9	56.0	57.3	28.2
Lincoln	31.3	33.8	37.8	39.1	24.9
Sagadahoc	16.6	18.7	20.9	22.3	34.3
Waldo	25.1	26.5	28.4	35.0	30.4
Washington	28.8	33.1	36.3	39.9	38.5
York	131.4	143.7	165.4	173.1	31.7
Coastal County Total	\$ 893.0	\$ 992.7	\$1,124.4	\$1,170.3	31.0
Maine Total	\$1,502.8	\$1,665.8	\$1,896.8	\$1,985.2	32.1

Tabulation based on Sales and Transient Rentals Tax assessment only. Does not include power and telephone companies.

Source: Maine Bureau of Taxation, "Maine Sales and Use Tax"

3.9 Major Industrial Expansion* (Coastal Counties)

Location	County	Product
1973:		
Brunswick	Cumberland	Packaging Tapes
Portland	Cumberland	Synthetic Paper Sizing
Portland	Cumberland	Generators
So. Portland	Cumberland	Semi-Conductors (3)
So. Portland	Cumberland	Steel Fabrication
Camden	Knox	Paper Felts
Rockland	Knox	Gums & Pectin
Rockland	Knox	Fiberglass Yachts
Rockland	Knox	Bathrobes
Wiscasset	Lincoln	Wool Reels
Bangor	Penobscot	Electronic Corporation
Bangor	Penobscot	Turbine Engines
Bangor	Penobscot	Hand-Sewn Moccasins
Brewer	Penobscot	Soft Sole Slippers
Bath	Sagadahoc	Paint, Sand Blast, Section Fabrication
Topsham	Sagadahoc	Chip Mill
Biddeford	York	Heat Resistant Fabrics
Biddeford	York	Uniforms, Sportswear
Biddeford	York	Men's Clothing
Saco	York	Polyethylene Bars
1974:		
Falmouth	Cumberland	Sail Making
Freeport	Cumberland	Hand-Sewn Shoes
Portland	Cumberland	Forged Fittings
Portland	Cumberland	Hydraulic Lifiable
Portland	Cumberland	Metal Fabrication
Scarborough	Cumberland	Boots & Shoes
Yarmouth	Cumberland	Rope & Twine
Bucksport	Hancock	Coated Paper
Rockland	Knox	Business Forms
Rockland	Knox	Seafood Products
Rockland	Knox	Commercial Printing

Warren
Wiscasset
Searsport
Biddeford
Biddeford

1975:

Portland
Portland
So. Portland
Westbrook
Augusta
Hallowell
Bangor
Calais
Biddeford
Biddeford

1976:

Westbrook
Augusta
Augusta
Knox
Knox
Belfast
Searsport
Biddeford
Kittery

1977:

Lewiston
Brunswick
Brunswick
Brunswick
Portland
Portland
Portland
Scarboro
South Portland
Westbrook
Yarmouth
Gouldsboro
Thomaston
Boothbay
Bristol
Waldoboro
Bangor
Brewer
Dover-Foxcroft
Greenville
Topsham
Harmony
Madison
Pittsfield
Skowhegan
Calais
Biddeford
Sanford

Knox
Lincoln
Waldo
York
York

Cumberland
Cumberland
Cumberland
Cumberland
Kennebec
Kennebec
Penobscot
Washington
York
York

Cumberland
Kennebec
Kennebec
Rockland
Rockland
Waldo
Waldo
York
York

Androscoggin
Cumberland
Cumberland
Cumberland
Cumberland
Cumberland
Cumberland
Cumberland
Cumberland
Cumberland
Cumberland
Hancock
Knox
Lincoln
Lincoln
Lincoln
Penobscot
Penobscot
Piscataquis
Piscataquis
Sagadahoc
Somerset
Somerset
Somerset
Somerset
Washington
York
York

Limestone
Stainless Steel Fabrication
Amonium Sulphate
Molded Plastics
Tantalum Capacitors

Can Manufacturing
Brakes & Clutches
Ball Bearings, Small Tools
Computers & Related Products
Meat Products
Computer Devices
Radio Transmitters
Shoes
Protective Clothing
Research & Development Laboratory

Computer Chassis
Processed Meats
Computer Modules
Can Manufacturing
Leather Tanning
Shoes
Clam Depuration
Stitching Shoes
Screw Machine Parts

Book Binding
Shoes
Medical Research
Furniture Manufacturing
Sheet Metal Fabrication
Medical Research & Diagnostics
Recycle Glass & Metal Containers
Insulation Manufacturing
Electric Switches
Semiconductor Devices
Printing
Incandescent Lamp Components
Sand Flower Pots
Boat Building
Oyster Breeding
Depth Finders
Shoes
Fire Warning Devices
Dimension Lumber
Dimension Lumber
Recycle Glass & Metal Containers
Outerwear
Paper Mill
Apparatus Service
Shoe Soles
Clapboards - Wooden Bowls
Ignition Coil Parts
Solid Insulation

Source: Maine State Development Office, 1977

Technical Notes

Average Gross Wage — Sum of wages paid divided by number of workers.

Capital Expenditures — Money spent on land, buildings, machinery, and equipment and other goods used to produce a product.

Current Dollars — The buying power of a dollar in today's market.

Effective Buying Income — Gross income minus Federal, State, and local taxes.

Industrial Expansion — Those industries both new and existing making a major expansion or capital improvement as recorded by State Development Office.

Industry — The industrial classification of the labor force categorizes workers by product or service provided by business firms or office in which they work. An industry usually includes persons of many different occupations.

Labor Force — The civilian labor force includes all those persons with jobs plus those unemployed who are seeking employment. It excludes members of the armed forces on active duty.

Per Capita Personal Income — This is calculated by adding together all the incomes received by persons; by subtracting from that total all money paid into social income programs and by dividing the remainder by all persons present in the population whether or not these actively received any income.

Taxable Sales — Dollar value of all goods and services subject to the State Sales Tax.

Value of Product — Total sales of a given product in current dollars.

4 Housing

Introduction

This section presents information on the age of coastal housing units, estimates of occupied year-round units, estimates of new housing starts, the proportion of rural and urban housing, and on seasonal homes. In addition, this section contains a listing of wastewater treatment facilities recently completed.

In 1970, nearly 70 percent of all houses in the Coastal Planning Area were greater than 30 years old. During the period from 1970 to 1975, new year-round housing on the coast increased 14

percent, while the rest of the State grew at only 10 percent. In 1975, over 5,000 new homes were started on the coast with roughly one-fifth being mobile homes and more than half being single family dwellings. Seasonal homes, which form an important part of the coastal town's economy, represent only one-tenth of the housing starts in the coast.

An important aspect of the housing industry is the construction of wastewater treatment facilities. Since 1966, there have been 54 new treatment plants constructed in Maine with 40 percent of these located in coastal towns.

4.1 Housing Units*, Percent by Year Built (Coastal Planning Areas)

	Total Number Housing Units	Percent Built 1969-70	Percent Built 1960-68	Percent Built 1940-59	Percent Built Before 1940
Upper Penobscot Bay	7,483	2.0	13.0	14.7	70.2
Knox Region	10,542	2.2	7.6	12.8	77.2
Eastern Penobscot Bay	2,750	2.0	7.7	10.1	79.9
Eastern Hancock County	7,505	3.0	11.8	16.5	68.5
Lincoln County	7,051	2.3	12.4	16.3	68.8
Bath-Brunswick	16,158	3.0	16.1	23.8	58.0
Western Washington County	2,921	3.8	8.5	18.3	69.2
Central Washington County	1,860	2.6	12.5	16.1	68.6
Eastern Washington County	4,103	0.68	5.4	10.5	83.3
Greater Portland Area	41,312	2.4	11.7	21.4	64.2
York County	25,178	2.5	12.3	23.7	61.3
Bangor Area	10,949	1.4	8.8	19.1	70.8
Augusta Area	7,117	1.2	11.6	19.1	68.0
Coastal Planning Areas Total	144,925	2.2	10.7	17.1	69.8

Source: U.S. Bureau of the Census, 1970; Maine State Planning Office

4.2 Estimates of Occupied-Year-Round Housing Units* (Coastal Counties)

	Occupied Units ¹ 1970	Units Constructed ² 1970-1974	Units Demolished ³ 1970-1974	Occupied Units ⁴ 1975
Cumberland	60,363	10,910	1,283	69,900
Hancock	11,334	1,930	27	13,200
Kennebec	28,476	4,480	257	32,600
Knox	9,682	1,410	52	11,000
Lincoln	6,825	1,250	3	8,000
Sagadahoc	7,437	1,300	39	8,600
Waldo	7,117	1,200	—	8,300
Washington	9,468	1,300	12	10,700
York	34,430	7,720	202	41,900
Coastal Counties Total	175,132	31,500	1,875	204,200
State Total	302,923	48,500	3,135	347,300

Sources: ¹ U.S. Census of Housing, 1970

² Cooperative Extension Service, *Indicators of Housing in Maine* (annual—1970 data partly estimated by PARC)

³ U.S. Department of Commerce, *Construction Reports C-45*

⁴ Summation of columns 1 and 2, less column 3—totals are rounded

4.3 Estimates of New Housing (Coastal Counties)

	Mobile Homes	Conventional 1-Family Homes	2-Family & Apartment Units	Total Year-Round Dwellings	* Seasonal Dwellings
Cumberland	70	820	370	1,260	100-130
Hancock	120	180	20	320	60-80
Kennebec	190	460	230	880	100-120
Knox	30	160	30	220	40-50
Lincoln	160	160	—	320	50-70
Sagadahoc	20	90	10	120	10-20
Waldo	90	140	50	280	20-30
Washington	100	130	30	260	40-50
York	280	1,040	10	1,330	90-140
Coastal Counties Total	1,060	3,180	750	4,990	510-690
State Total	2,150	4,750	1,450	8,350	750-1,010

Source: *Indicators of Housing in Maine*, 1977, University of Maine, Orono

* 1975 Estimates

4.4 Characteristics of Seasonal Homes*

	Number of Seasonal Homes
Cumberland	9,591
Hancock	5,918
Kennebec	4,678
Knox	2,317
Lincoln	3,960
Sagadahoc	918
Waldo	2,198
Washington	2,493
York	9,657
Coastal Counties Total	41,730
State Total	60,162

Source: U.S. Bureau of the Census, 1970

	Average Days of Use Per Year				Resident Owned Seasonal Homes	Non-Resident Owned Seasonal Homes	
	Resident		Non-Resident				
	Days	Percent	Days	Percent			
By Owner and Family	83.6	90.9	64.6	78.6	Usage Average Day of Usage Per Year	92.0	82.2
Renting to Others	1.3	1.4	11.8	14.4			
Lending to Others	7.1	7.7	5.8	7.0			
Total	92.0	100.0	82.2	100.0	Total Tourist Days	2,987,200	1,267,700

Source: Report of the Maine Travel Analysis Committee,
Maine Bureau of Parks and Recreation, 1974

Origin of Seasonal Homeowners

Massachusetts	51.3
New Hampshire	8.8
New York	9.7
Connecticut	9.7
New Jersey	7.1
Pennsylvania	2.7
Vermont	1.8
Rhode Island	2.7
All Others	6.2
	100.0

Source: Report of the Maine Travel Analysis Committee,
Maine Bureau of Parks and Recreation, 1974

	Resident Owned Seasonal Homes	Non-Resident Owned Seasonal Homes
Usage		
Average Day of Usage Per Year	92.0	82.2
Total Tourist Days	2,987,200	1,267,700
Facilities		
Percent on Waterfront Property	80.0%	59.0%
Percent Winterized for Year-round Use	29.0%	51.0%
Financing		
Percent Mortgaged	7.0%	35.0%
Percent of Mortgages held by Maine Financial Institutions	100.0%	82.0%
Length of Ownership		
Average Years of Ownership	12.7 years	10.6 years
Percent Acquired in Past Five Years	34.4%	50.4%
Value		
Average Present Market Value as Estimated by Owner	\$15,400	\$30,900

Source: Report of the Maine Travel Analysis Committee,
Maine Bureau of Parks and Recreation, 1974

4.5 Coastal Wastewater Treatment Facilities

Town	Year
Augusta (will include Hallowell, Gardiner, Randolph)	1978
Bangor	1968
Bath	1971
Belfast	1972
Blue Hill	1976
Brewer	1976
Brunswick Sewer District (includes Topsham)	1967
Calais	1968
Camden	1970
Cape Elizabeth	1966
Castine	1974
Falmouth	1971
Freeport Sewer District	1977
Kennebec Sanitary Treatment District	1977
Kennebunkport	1972
Kittery	1970
Machias	1976
Mt. Desert	1973
Northern Portion of Cape Elizabeth (operated by So. Portland)	1977
Portland Public Works Department	1968
Richmond Utilities District	1967
Scarborough Sanitary District	1969
Southwest Harbor	1976
Thomaston	1967
Waldoboro Sewer District	1968
Yarmouth	1967

Source: Department of Environmental Protection, 1977.

Technical Notes

Housing — A household consists of all those who share separate living quarters. Not included among households are such group quarters as dormitories, barracks, etc.

Housing Unit — A housing unit is a house, an apartment, a set of rooms, or a single room intended to serve as separate living quarters.

Seasonal Units — A seasonal housing unit is one not intended for continuous year-round use.

Year-round Housing Units — Year-round units include all housing occupied during the census week, plus those vacant units intended for continuous year-round use.

5 Transportation

Introduction

In this section information is supplied as to the ways coastal people are transported to work, motor vehicle registration, ferry service to islands, coastal public transportation, port facilities, airline, and railroad routes.

Coastal Maine, as the rest of the State, has a limited transportation system and is heavily dependent on automobiles and trucks for passenger and freight transport. Nearly 80 percent of the coastal work force uses automobiles to get to work while only 1 percent uses public transportation for the same purpose.

Approximately 45 percent of all the State's passenger vehicles are registered in the coastal area, as well as 40 percent of the commercial vehicles. These figures closely parallel the population size.

The railroad, at one time an important mode of passenger transportation between many Maine towns, is now limited to freight service. However, even historically at the height of the railroad development, this mode of transport was less useful to the coast because few rails went beyond the heads of bays, leaving the coastal peninsulas isolated.

Traditionally, prior to the advent of motor vehicles and passable roads, however, the coastal towns were better served by water where steamship routes were numerous. Today, the only remnant

of the earlier coastal water transportation is a network of ferry boats operated by the State and private companies. These continue to operate in Penobscot Bay and between various islands such as Monhegan, Matinicus, and in Casco Bay. Use of these ferries has been steadily increasing over the past several years.

As for airline transportation, there are five airports in the coastal area where four scheduled airlines are available. These are supplemented by air taxi services available both at the larger airports and at a number of smaller airports along the coast where private airplanes and air taxi services can land. Working in conjunction with airline service, are one coastal airport limousine, taxis, and several buslines serving the whole coast at all major towns. As might be suspected, overall public transportation availability is best in the Portland area, average in the southern central coastal area, and below average in the eastern sections.

Several Maine ports are also under consideration for potential outer continental shelf (OCS) support facilities. The choice of one or more of these ports will depend on the location of actual production drilling operations.

5.1 Means of Transportation to Work* (Coastal Planning Areas)

	Private Auto Driver	Private Auto Passenger	Public Transportation	Walked	Other	Worked At Home	Number of Workers
Upper Penobscot Bay	68.1%	15.0%	2.3 %	6.8%	3.4%	4.1%	6,742
Knox Region	65.9	11.3	2.0	12.0	2.2	6.3	10,122
Eastern Penobscot Bay	76.8	7.4	—	8.6	4.3	6.0	1,837
Eastern Hancock County	67.3	12.7	1.6	11.9	2.4	3.8	7,386
Lincoln County	61.3	18.4	.4	9.8	4.7	5.2	6,535
Bath-Brunswick	63.2	17.0	.53	12.4	2.7	3.9	18,327
Western Washington County	81.7	16.8	.75	11.5	4.0	4.5	2,146
Central Washington County	54.6	10.9	1.8	16.6	2.2	3.6	1,850
Eastern Washington County	55.6	11.1	.73	15.5	3.1	3.8	3,424
Greater Portland Area	63.3	11.7	7.1	12.7	2.5	2.5	47,696
York	59.5	17.4	1.5	13.4	4.2	3.7	29,219
Augusta Area	63.6	18.1	.6	13.0	1.7	3.1	28,794
Bangor Area	68.2	14.7	4.1	8.6	1.7	2.7	20,299
Coastal Areas Total	65.3	14.0	1.1	14.1	3.0	4.1	184,377
State Total	64.4	14.9	2.1	11.5	3.3	4.8	307,767

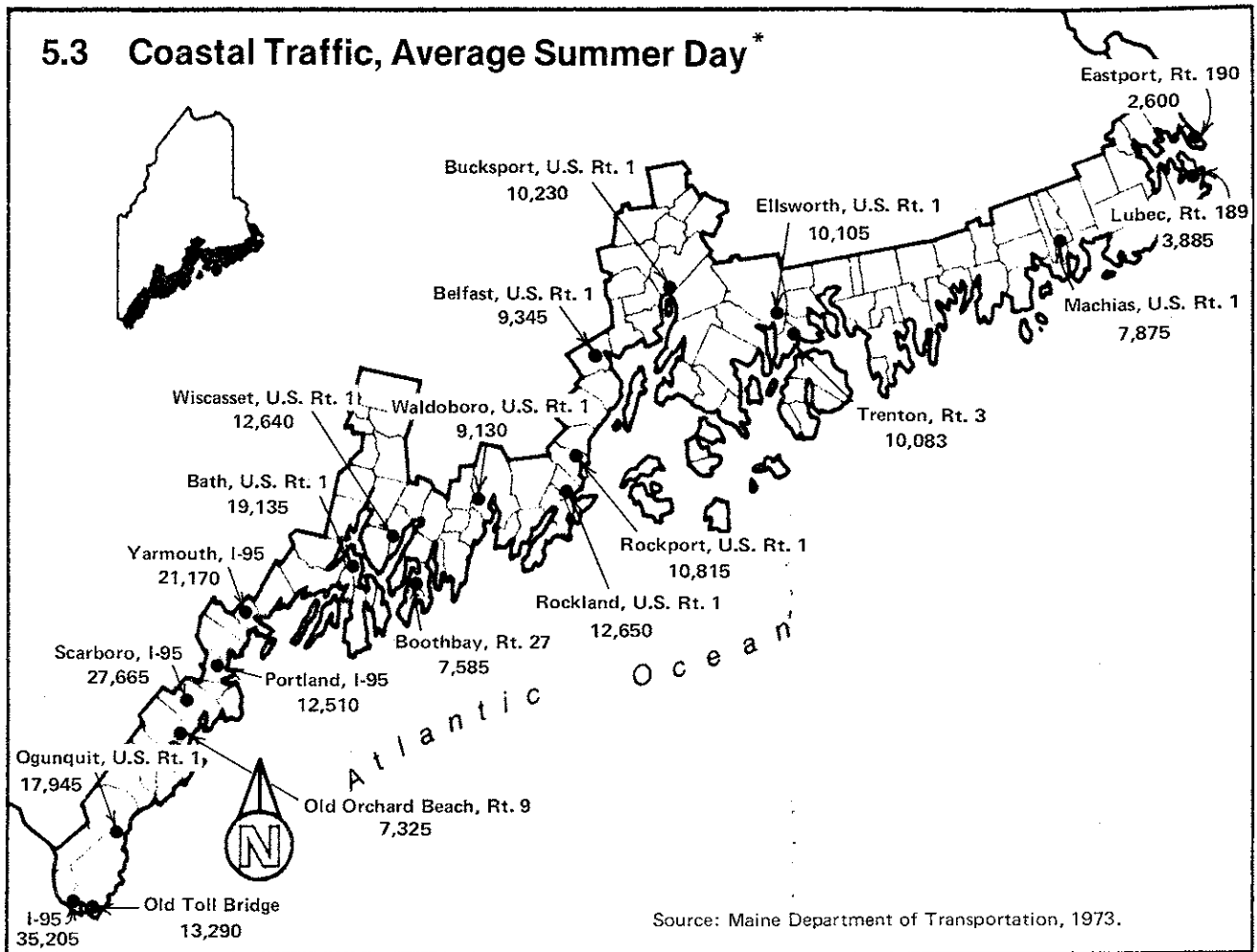
Source: U.S. Bureau of the Census, 1970

5.2 Vehicle Classification (Coastal Planning Areas)

	Passenger Vehicles	Commercial Vehicles	Emergency Vehicles	Hire Vehicles	Motorcycles	Tractors	Excised Trailers
Upper Penobscot Bay	10,331	2,671	5	19	627	223	300
Knox Region	14,611	3,487	8	36	692	281	383
Eastern Penobscot Bay	3,202	1,040	5	11	147	94	61
Eastern Hancock County	12,075	3,332	16	16	537	241	308
Lincoln County	11,191	2,880	8	14	414	198	255
Western Mid-Coast	19,241	4,033	2	20	868	207	599
Western Washington County	4,029	1,497	3	0	142	110	106
Central Washington County	2,620	859	1	2	101	48	85
Eastern Washington County	5,162	1,455	5	6	167	92	147
Greater Portland	63,208	11,117	18	88	2,635	401	1,177
York County	40,014	7,013	13	31	1,707	354	810
Bangor Area	24,754	5,190	13	68	641	210	454
Augusta Area	18,996	1,786	20	32	998	197	645
Coastal Planning Areas Total	229,434	46,360	117	343	9,676	2,656	5,330
State Total	512,385	122,013	283	565	27,196	8,287	16,009
Coastal Planning Areas Total as a Percent of State Total	45%	40%	41%	61%	36%	32%	33%

Source: Maine Secretary of State, Motor Vehicle Division 1977

5.3 Coastal Traffic, Average Summer Day *



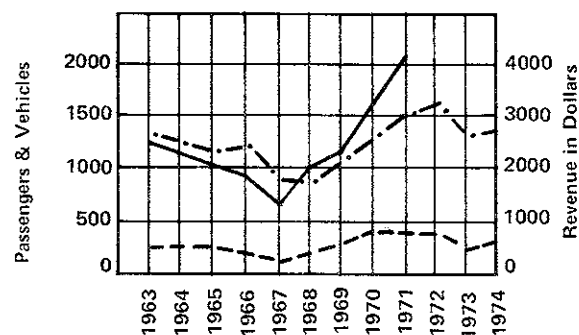
5.4 Maine Truck Registration by Use

Major Use	Number of Trucks	Percent of Total
Personal Transportation	48,753	42.0
Agriculture	15,787	13.6
Forestry & Lumbering	3,134	2.7
Construction	11,608	10.0
Manufacturing	2,205	1.9
Wholesale & Retail Trade	14,045	12.1
For-hire	4,527	3.9
Utilities	3,250	2.8
Services	8,822	7.6
All Other	4,063	3.5
Total Trucks	116,194	100.0

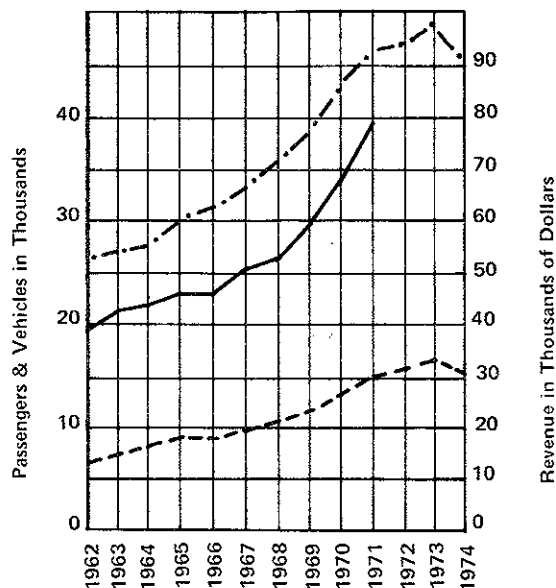
Source: U. S. Department of Commerce, 1972 Census of Transportation.

5.5 Operations of Maine State Ferry Service

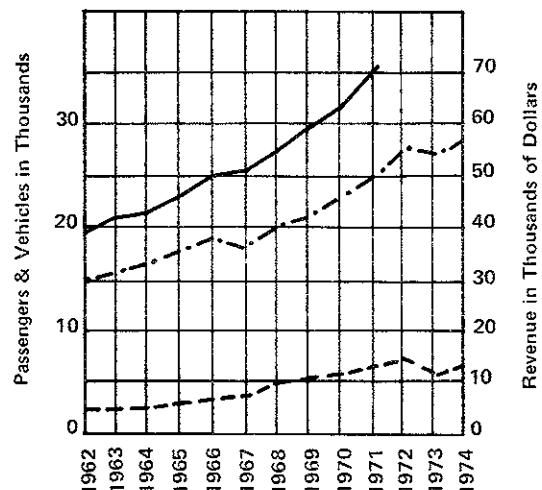
Bass Harbor-Long Island Pt.



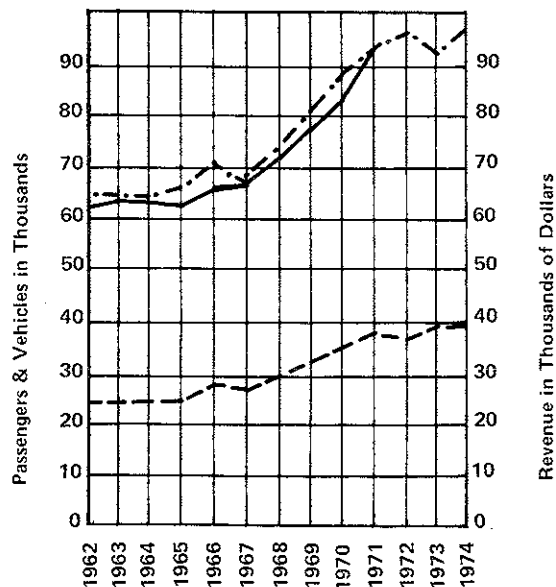
Bass Harbor-Swans Island



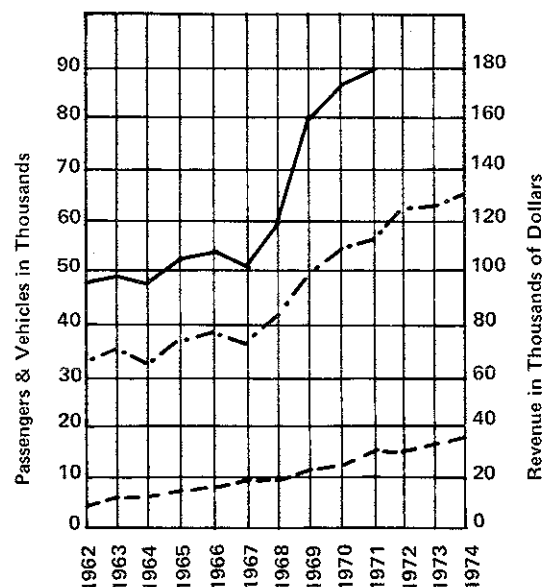
Rockland-North Haven



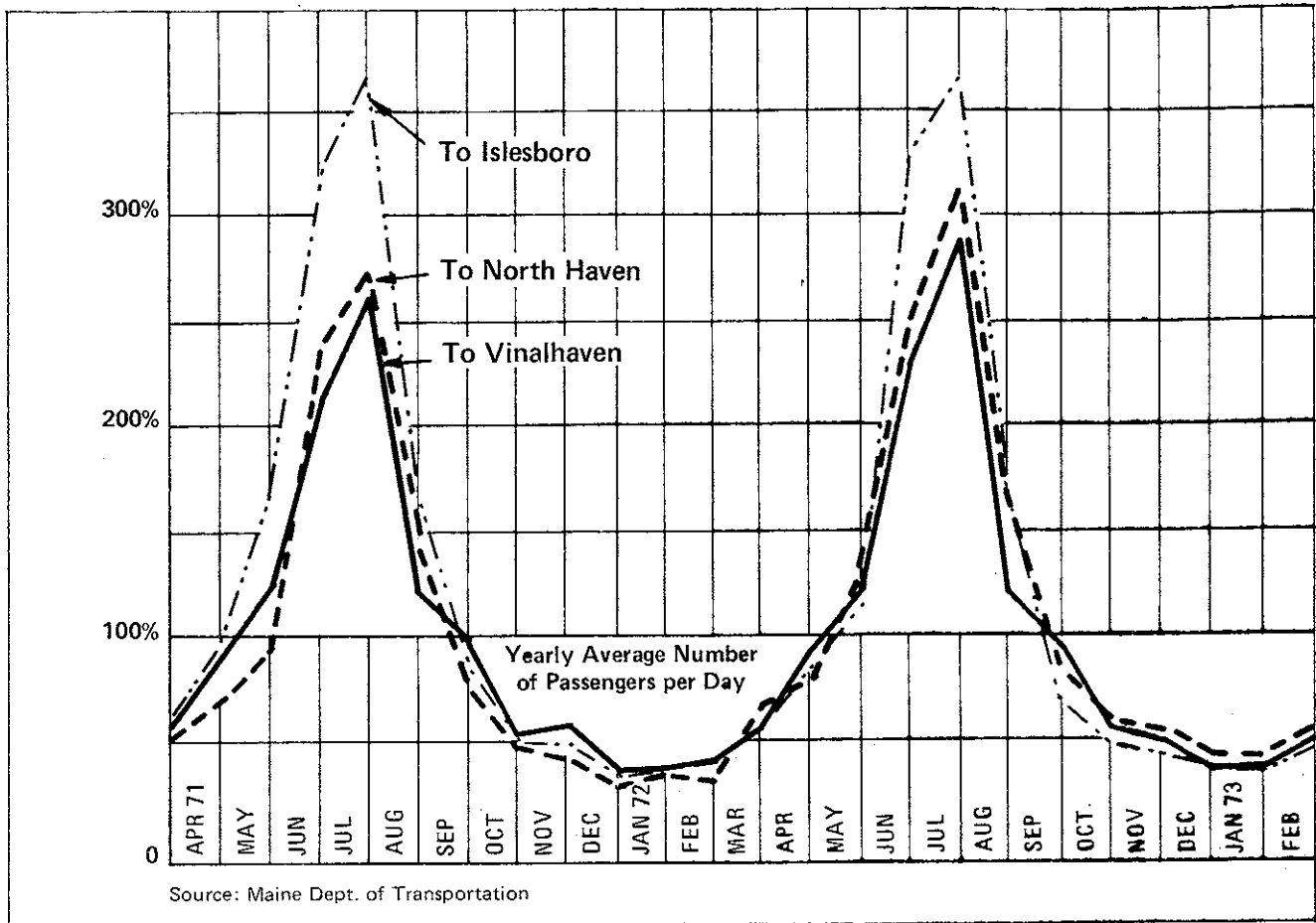
Lincolnville-Islesboro



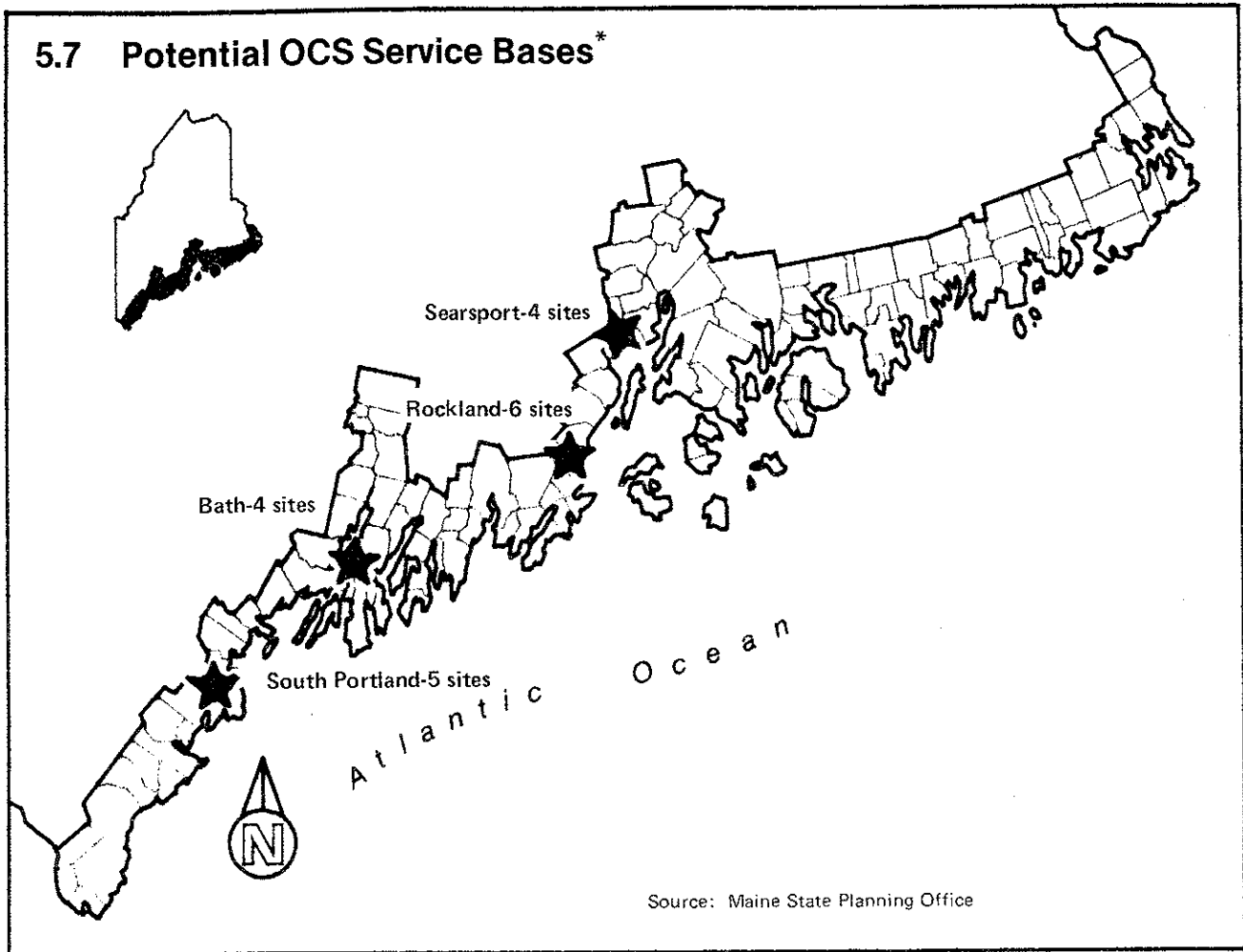
Rockland-Vinalhaven



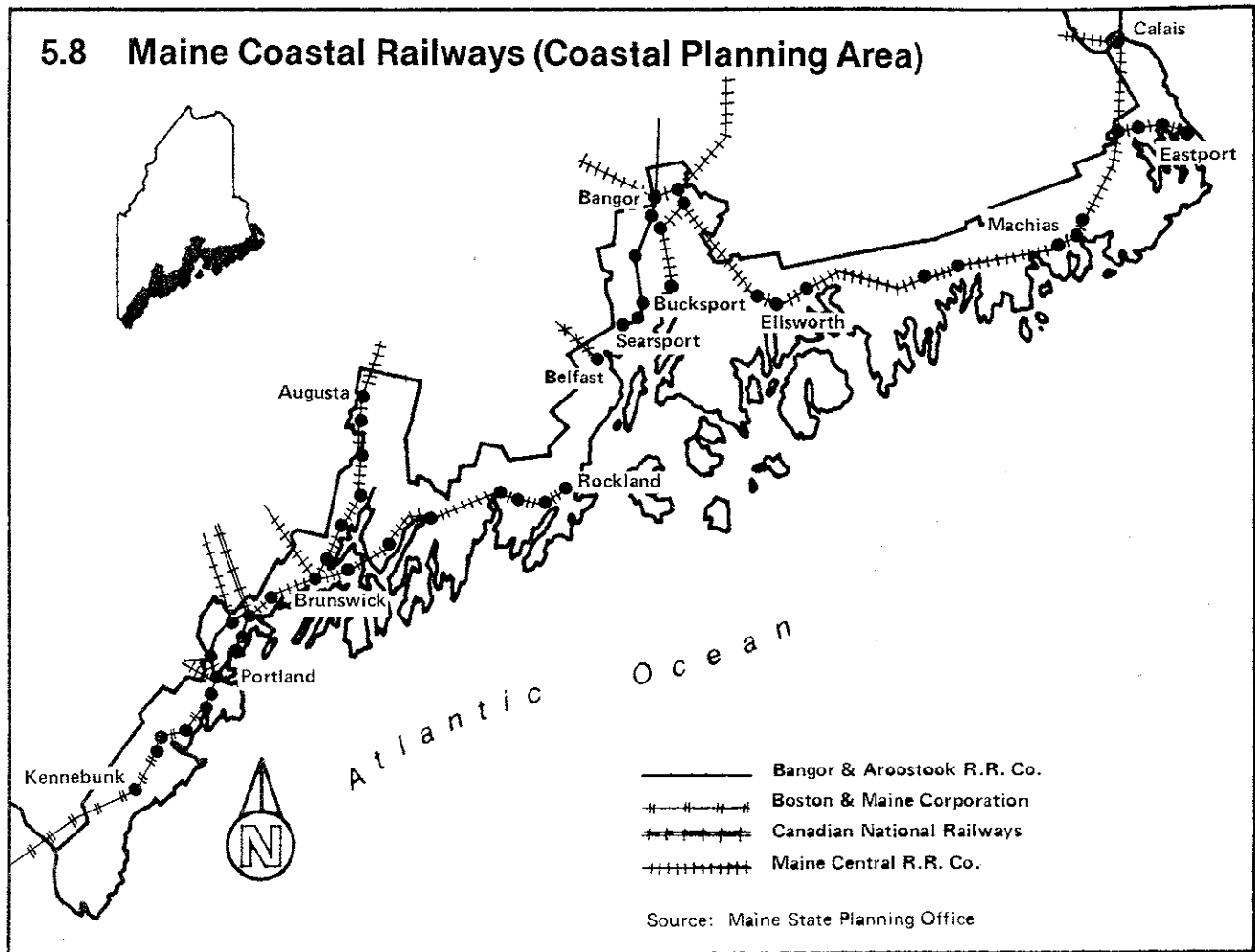
5.6 Passenger Travel on Penobscot Bay Ferries



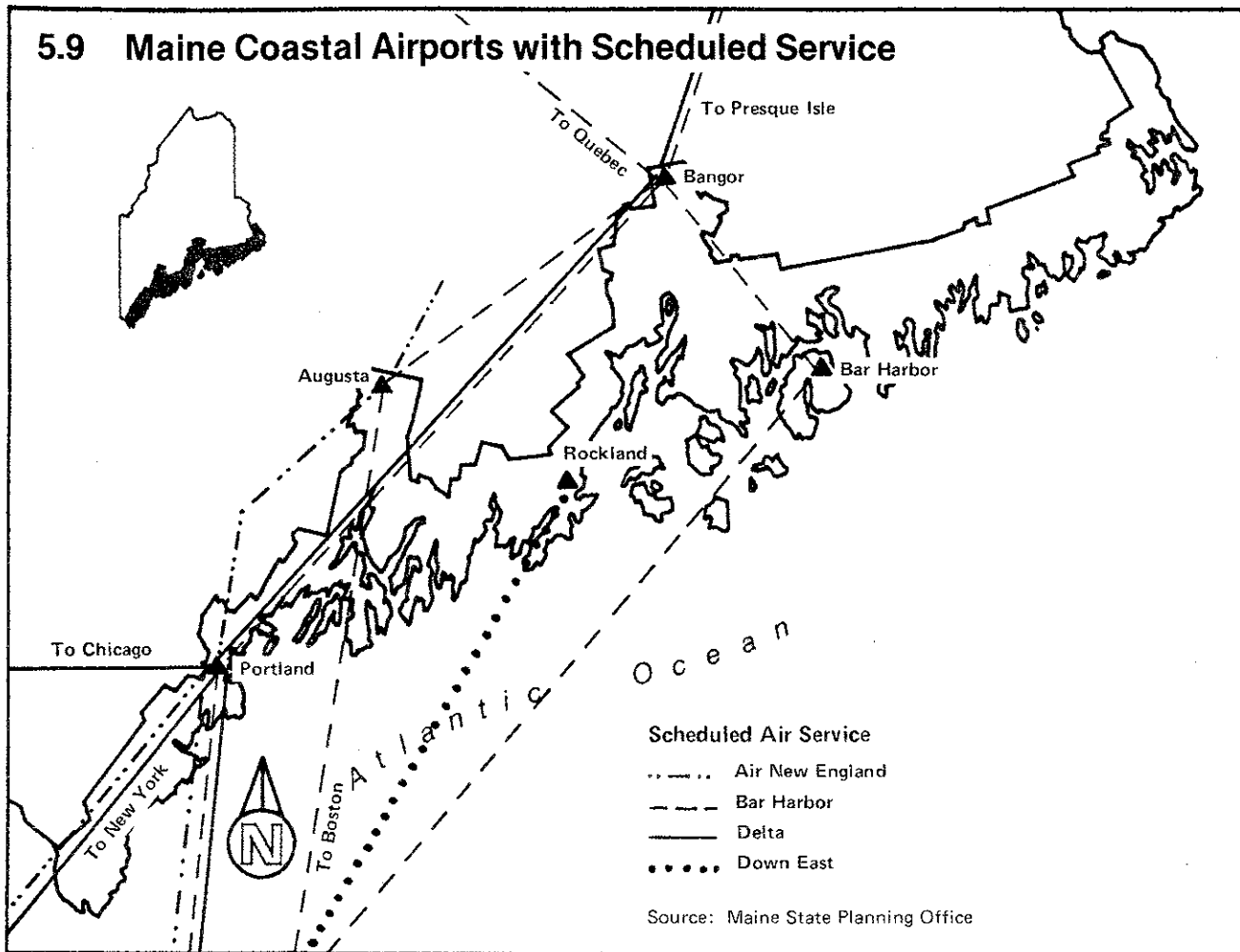
5.7 Potential OCS Service Bases*



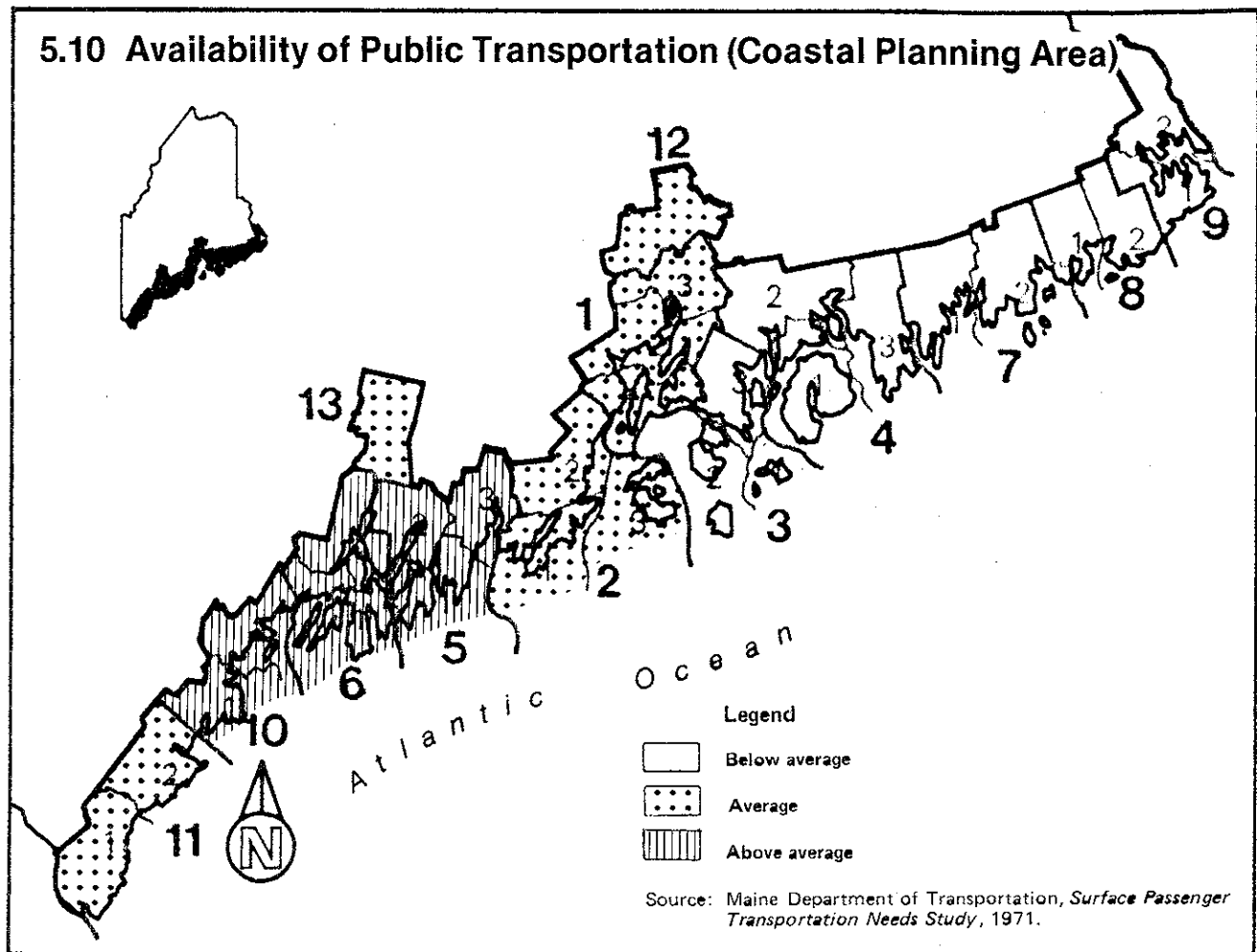
5.8 Maine Coastal Railways (Coastal Planning Area)



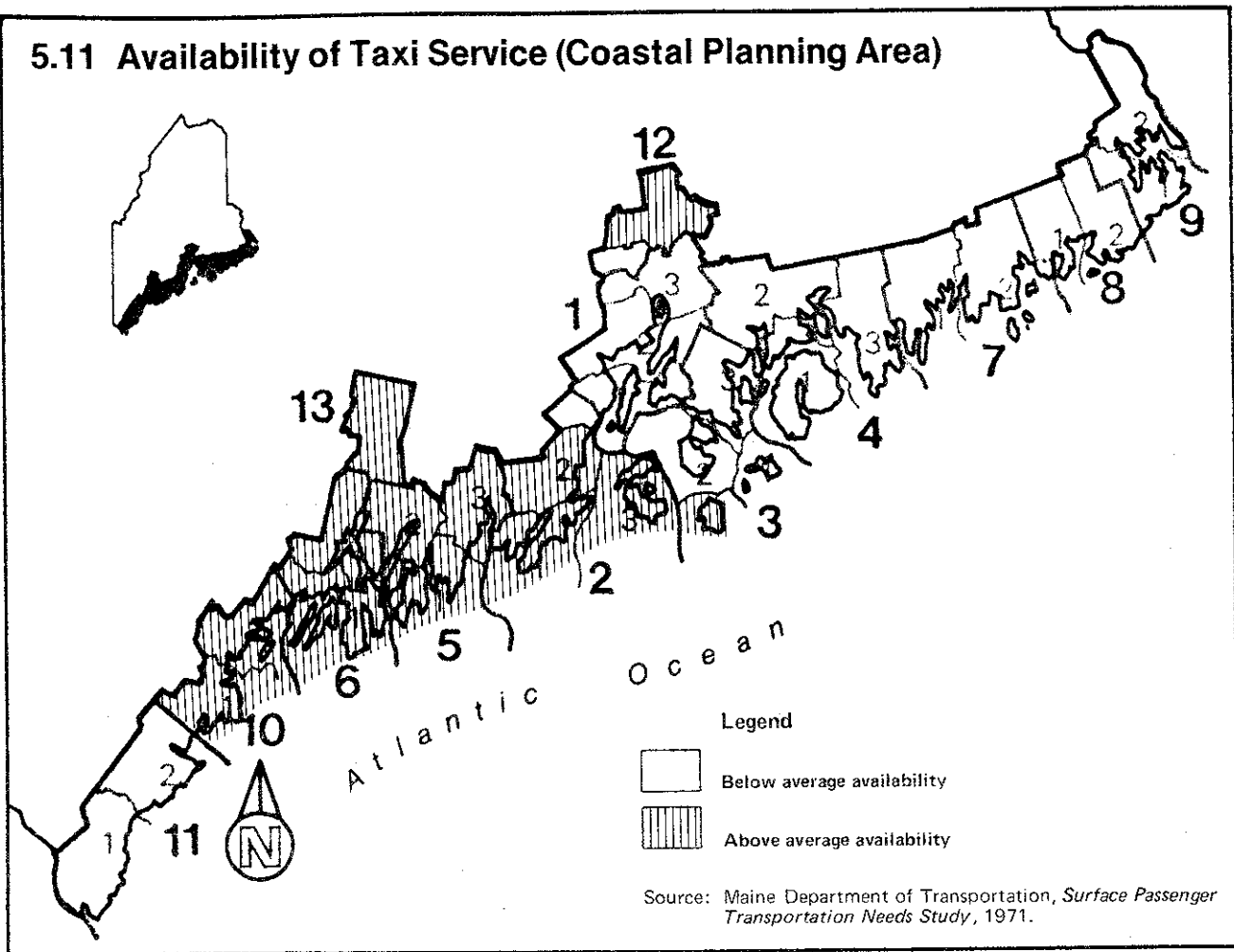
5.9 Maine Coastal Airports with Scheduled Service



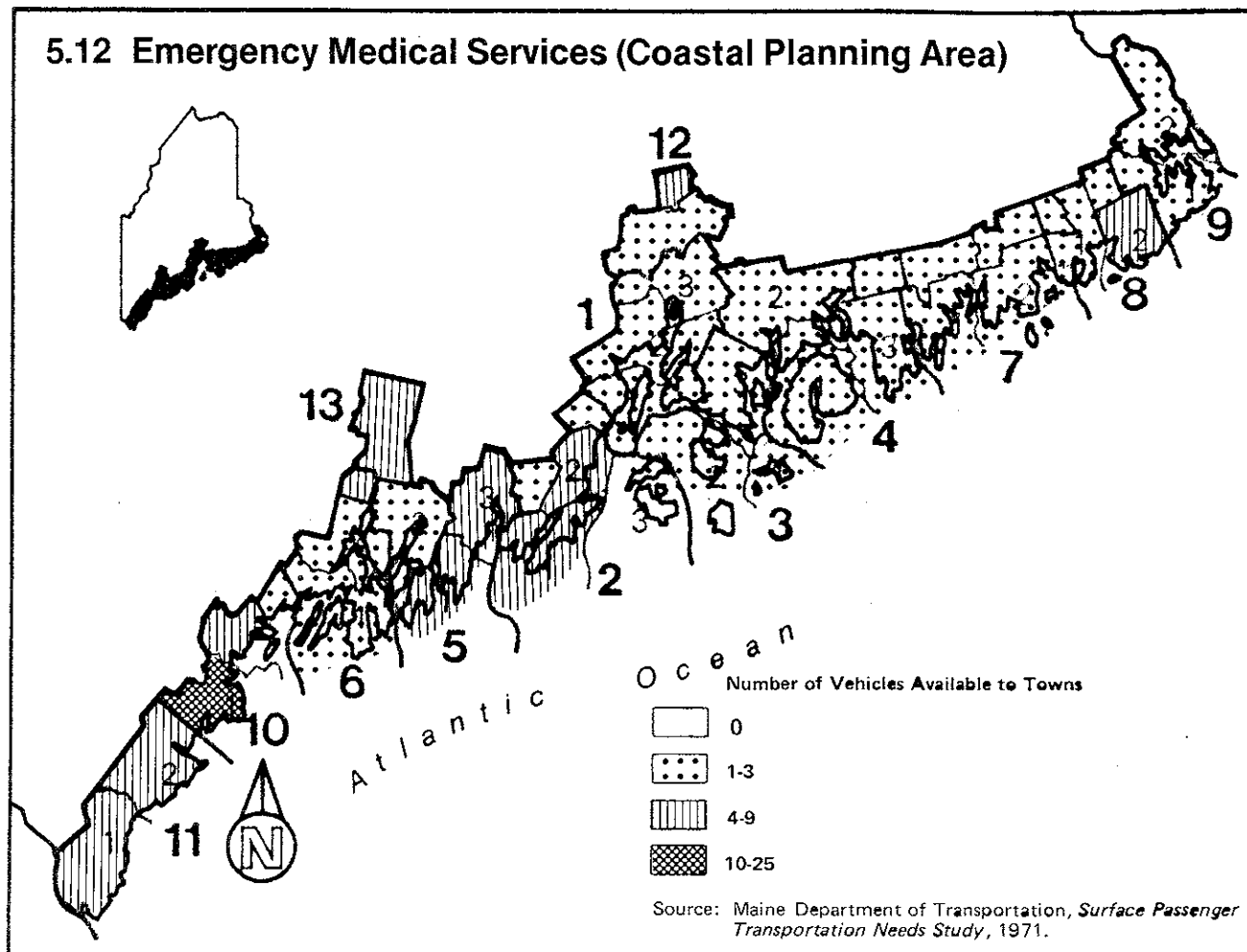
5.10 Availability of Public Transportation (Coastal Planning Area)



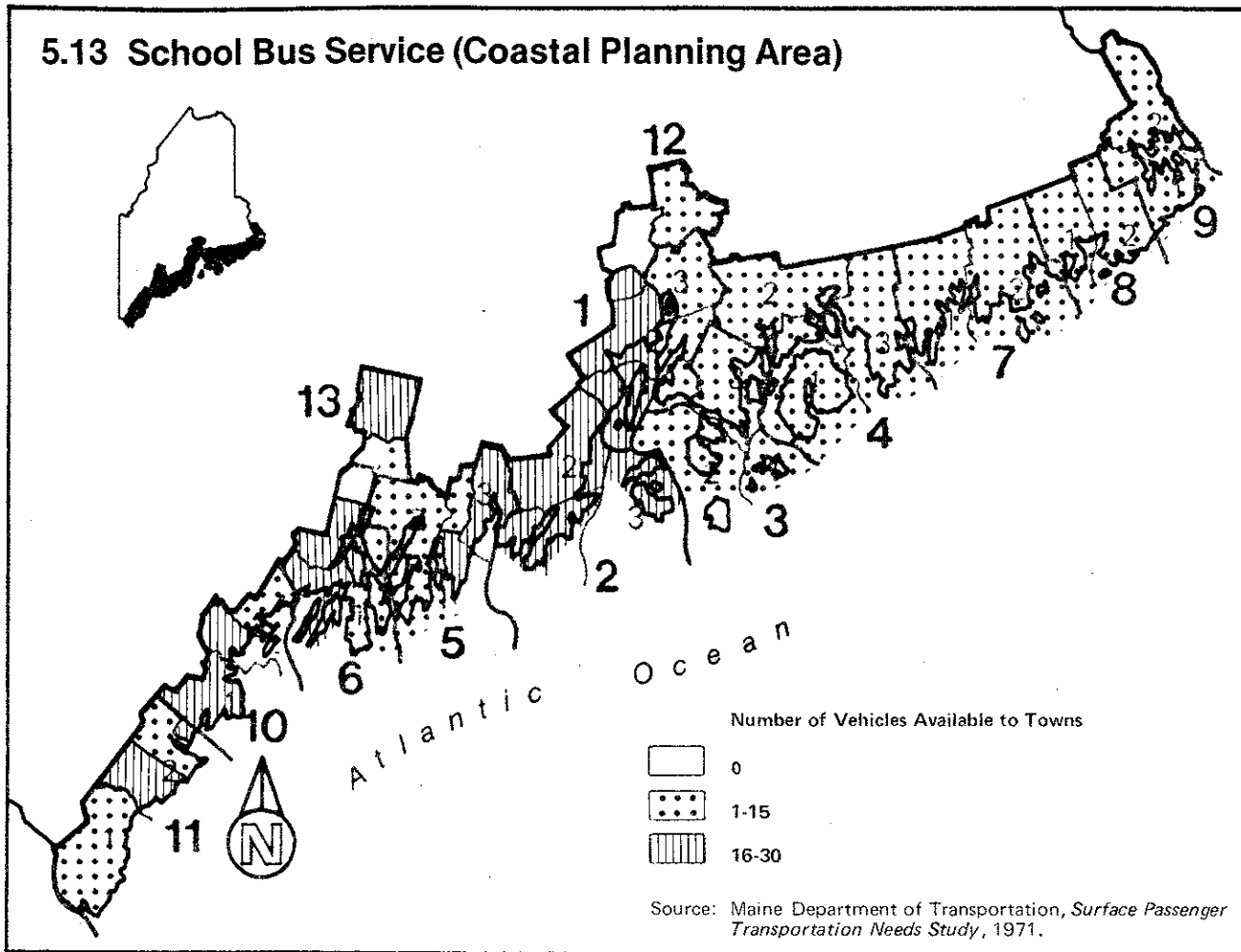
5.11 Availability of Taxi Service (Coastal Planning Area)



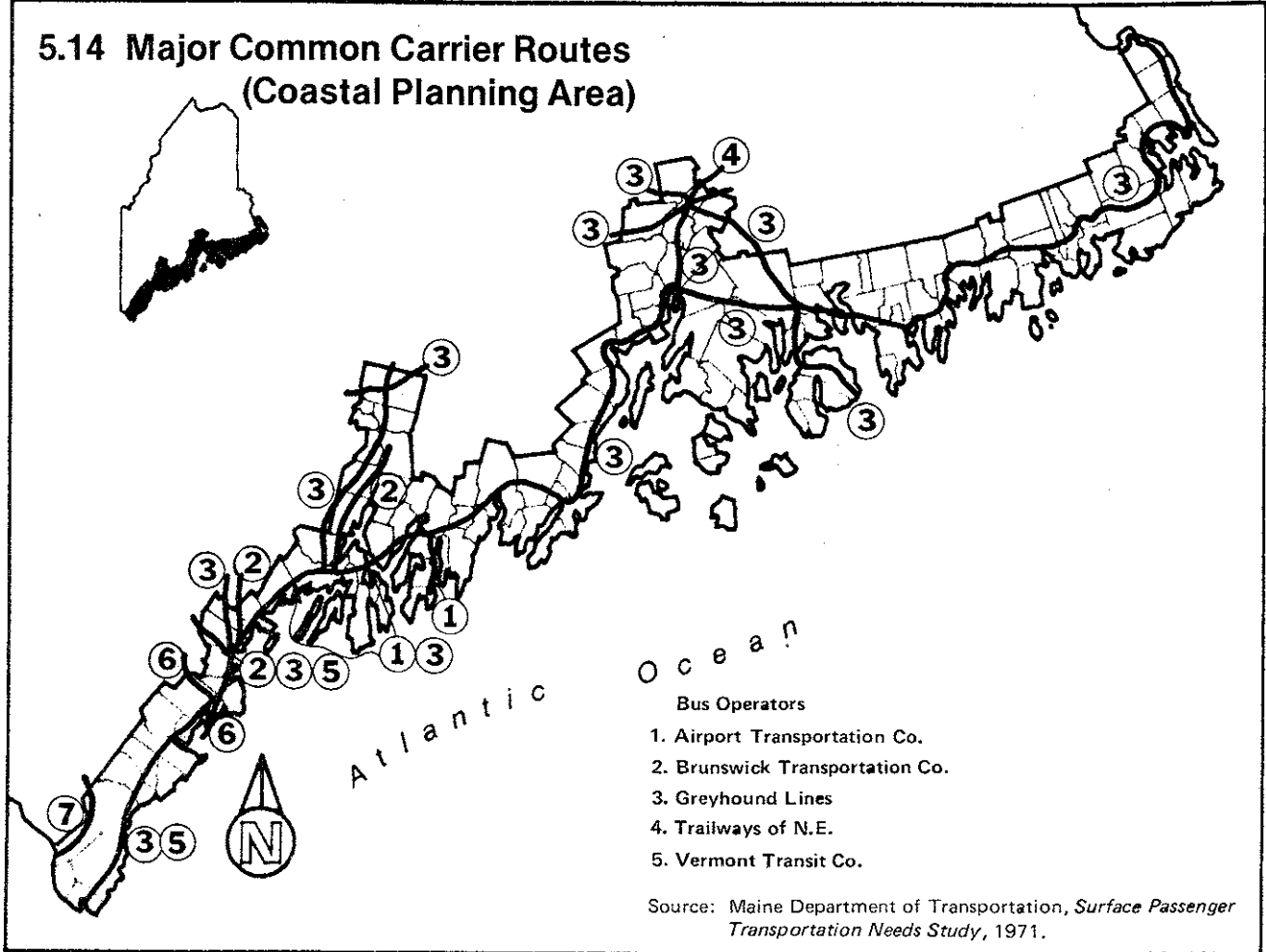
5.12 Emergency Medical Services (Coastal Planning Area)



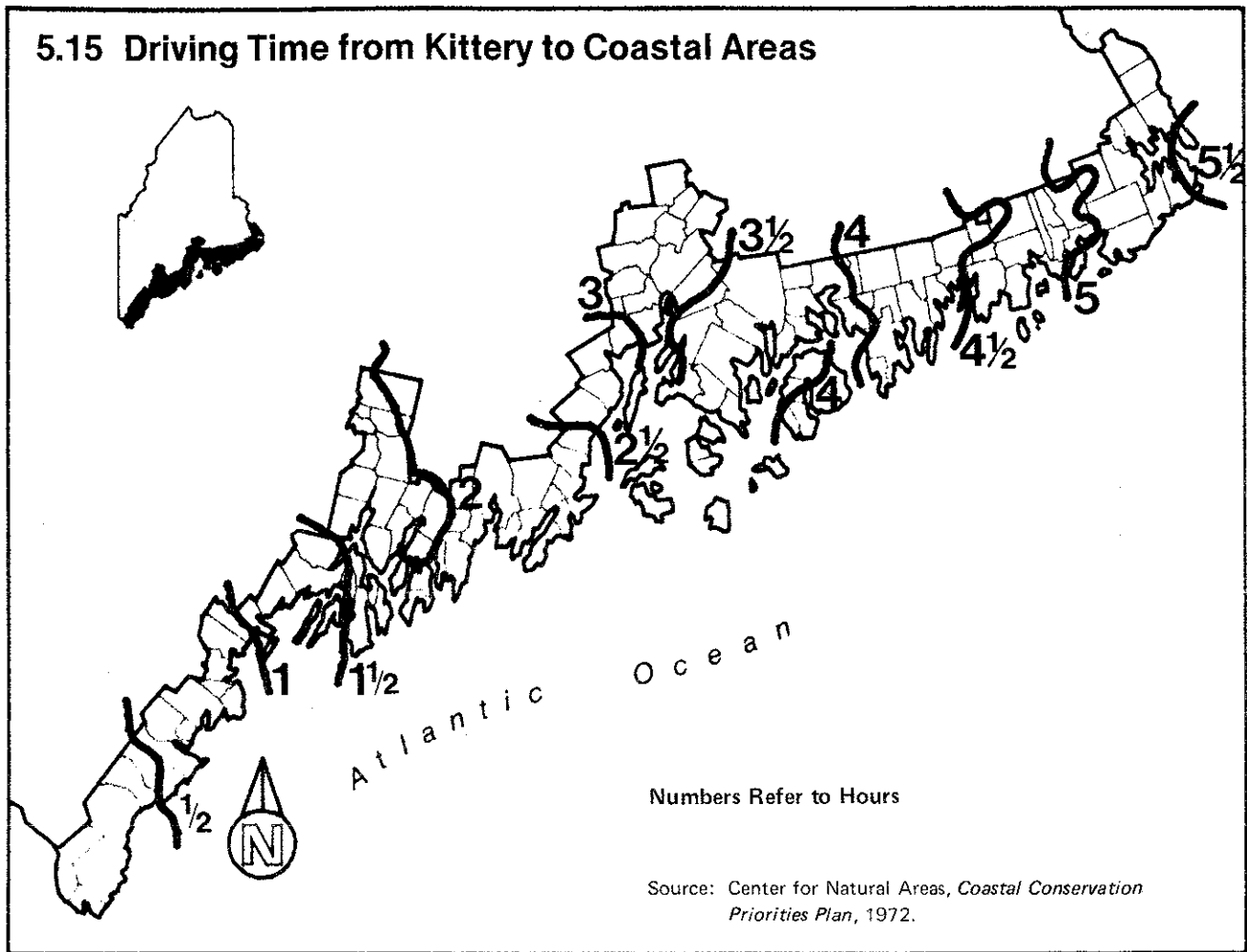
5.13 School Bus Service (Coastal Planning Area)



5.14 Major Common Carrier Routes (Coastal Planning Area)



5.15 Driving Time from Kittery to Coastal Areas



Technical Notes

Means of Transportation to Work — Major mode of transportation used by residents during the census week.

Average Summer Day — The average traffic on a summer day calculated from the last week in June to the third week in August.

Outer Continental Shelf Service Area — Logistical link between on-shore supplies and off-shore drilling activity.

6 Education

Introduction

Educational data collected for this section comprise an educational profile of the coastal population over 25 years of age, school enrollments for all State and the coastal counties, municipal budgets for education, and some details on vocational technical institutes on the coast.

Educational statistics along Maine's coast are similar to the rest of the State but there is a marked variation from south to north, within the coastal area. Surprisingly, the southern part of the State has fewer college-trained persons, the mid-coast area shows an average equal to the remainder of the State, and the sections to the east have greater high school attendance but fewer in college and the professions than the State average.

With respect to school funding, as might be expected, the smaller towns of 500 to 1,000 inhabitants generally allocate nearly 80 percent of their budget to education whereas the percentage drops rapidly with increased town size.

The coastal average for students completing high school is 57 percent while only an estimated ten percent complete college. Areas with the highest percentage of those completing college are Greater Portland, Bangor, and Lincoln County. Sagadahoc and Washington Counties have the highest drop-out rate from secondary schools, while southern and mid-coast approach the State average of 4.5 percent.

Vocational training is very important to the education picture on the coast. Both Regional Technical Centers and Technical Institutes are represented on the coast and account for about half of the State's total of these schools.

6.1 Educational Profile (Coastal Planning Area)

	Elementary Percent 1-8 Yrs.	High School Percent 9-12 Yrs.	College Percent 1-3 Yrs.	College Percent 4 Yrs. +
Upper Penobscot Bay	17.7	63.6	10.5	8.0
Knox Region	21.0	57.6	12.2	9.0
Eastern Penobscot Bay	21.9	60.7	9.8	7.4
Eastern Hancock County	19.1	59.0	12.1	9.5
Lincoln County	12.6	62.8	13.8	10.8
Bath-Brunswick	20.1	57.4	11.9	10.4
Western Washington County	30.8	55.9	8.5	4.6
Central Washington County	27.0	63.4	6.4	3.0
Eastern Washington County	28.6	55.6	10.0	5.6
Greater Portland	14.8	57.8	14.6	12.7
York County	28.4	53.5	10.3	7.5
Bangor Area	17.2	56.0	15.6	11.2
Augusta Area	23.5	61.5	8.5	6.6
Coastal Planning Areas Average	21.7	58.8	11.0	8.1

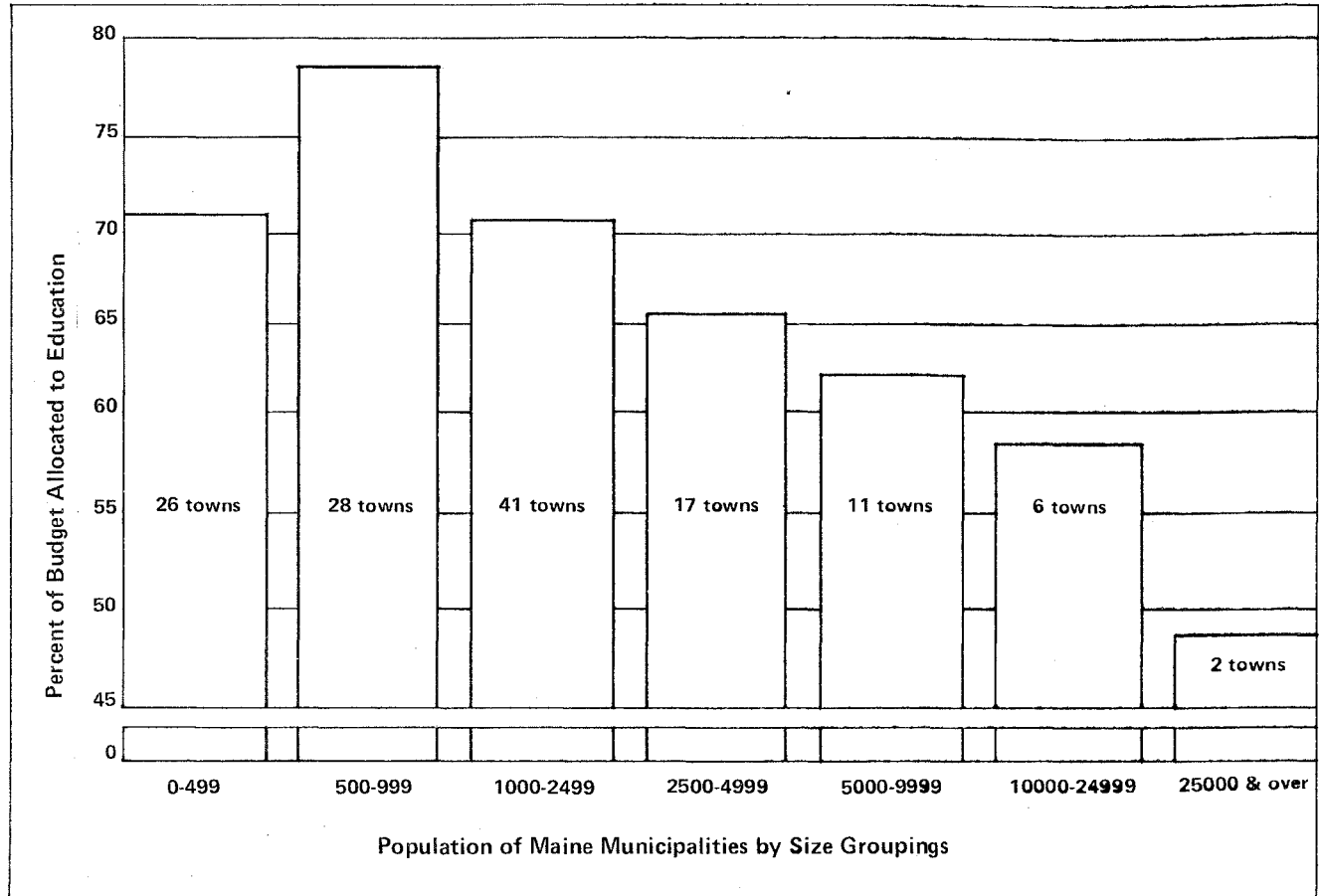
Source: U.S. Bureau of the Census, 1970

6.2 School Enrollment (Coastal Counties)

	Elementary			Secondary			Percent Drop-out *
	Public	Private	Total	Public	Private	Total	
Cumberland	30,336	2,031	32,367	13,939	953	14,892	4.4
Hancock	6,193	78	6,271	2,527	297	2,824	4.7
Kennebec	16,190	1,258	17,448	6,888	818	7,706	4.6
Knox	4,774	146	4,920	1,796	165	1,961	4.7
Lincoln	3,600	18	3,618	1,338	515	1,853	4.8
Sagadahoc	4,637	28	4,665	2,068	221	2,289	6.0
Waldo	4,388	31	4,419	1,547	0	1,547	4.5
Washington	4,425	19	4,444	1,664	317	1,981	6.7
York	19,346	2,191	21,537	7,987	1,386	9,373	5.0
Coastal Counties Total	93,889	5,800	99,689	39,754	4,672	44,426	5.0
State Total	171,742	9,144	180,886	73,687	7,666	81,353	4.5

Source: Maine Department of Education and Cultural Services, Division of Statistical Services 1975-76

6.3 Municipal Budgets Allocated to Education (Coastal Planning Area)



Source: Maine Department of Educational & Cultural Services, *Maine School Statistics*, July 1972-June 1973.

6.4 Vocational Technical Institute* Enrollment by Course

Subject	Eastern Maine Bangor	Southern Maine South Portland	Washington County Calais
Applied Marine Biology		36	
Air Conditioning-Heating		35	12
Auto Tech. Coop.		13	
Auto Mechanics	45	72	18
Auto Certificate		35	
Boat Building & Carpentry			50
Construction & Maintenance	68	69	
Culinary Arts		82	
Culinary Arts Cert.		36	
Distributive Education	84		
Diesel Service			20
Domestic Home Construction			
Electrical Power			
Electrical Technology		32	
Electronics Technology	45	44	
Electrons Communication		46	12

Subject	Eastern Maine Bangor	Southern Maine South Portland	Washington County Calais
Environmental Control	20		
Fire Science Technology			
Food Service			14
Hotel-Motel Management		36	
Home Construction			18
Industrial Electricity		33	
Institutional Foods	19		
Law Enforcement Tech.		80	
L. P. Nursing	26	53	
Machine Tool	49	42	
Marine Electronics			
Marine Science		88	
Marine Technology			
Marine Science License		37	
Med. Lab Technology	37		
Nurse Aid			
Plant & Soil Tech.		22	
Plumbing & Heating		14	19
Radio Logic Tech.	18		
Respiratory Therapy		14	
Technical Power			
Residential Electricity			20
Waste Water Tech.	13	37	
Secretarial Studies			16
Wood Harvesting			28
Welding			18
Total	424	956	245

Source: Maine Department of Educational and Cultural Services

Technical Notes

Drop-outs — These are students who begin the academic year, but do not complete it. Drop-outs as a percentage of enrollment is calculated by multiplying the number of drop-outs during the year by one hundred and dividing the result by the number of students enrolled during the year.

School Age — The years five through 20 years.

Vocational Technical Institutes — These are post-secondary schools and programs which are for the most part trade-related training.

7 Recreation

Introduction

Recreation forms an important part of coastal Maine's economy. In this section, lands administered by the State Department of Parks and Recreation are identified as well as information on day use and camping data for coastal State parks, non-resident tourist activities, municipal parks, historic districts and landmarks, and the origin of non-resident tourists in Maine.

An estimated six million tourists come into Maine in a typical year. The majority use the coastal beaches, camping areas, and town recreation facilities.

There are 39 State parks and 21 memorials along the coast, 14 of which are developed and supervised and only three of which have camping grounds. These facilities received over one million visitors (day use) in 1976, doubling the day use of coastal State parks since 1965. There are a number of private campgrounds along the coast that have also experienced rapid growth. For example, Acadia National Park, Maine's only federally administered park, recorded 2.7 million visits in 1976, a 23 percent increase in ten years.

Nearly one-third of Maine's non-resident tourists are from Massachusetts, followed by New Hampshire, New York, Connecticut, New Jersey, and Canada. This northeast region is home for 70 percent of the State tourists.

The traditionally popular coastal communities for summer tourists include Old Orchard Beach, Kennebunk, Boothbay Harbor, Penobscot Bay Area, and Bar Harbor. Many of these areas were the sites of numerous large hotels built during the latter 19th century. These hotels, like the steam boat, have disappeared and been replaced by large numbers of tourists who camp or stay in motels, recreational vehicles, and cottages.

7.1 Coastal Lands Administered by Maine Bureau Parks and Recreation

Location		Acreage			
I. State Parks (Supervised)			II. Memorials (Supervised)		
Camden Hills	Camden- Lincolntonville	5,217.39	Ancient Pemaquid Restoration Site	Bristol	9.38
Cobscook Bay (lease)	Edmonds Twp.	868.00	Eagle Island	Harpsswell	17.00
Crescent Beach (Includes Kettle Cove)	Cape Elizabeth	255.45	Fort Edgecomb	North Edgecomb	3.10
Damariscotta Lake	Jefferson	19.20	Fort George	Castine	2.75
Holbrook Island Sanctuary	Brooksville	1,230.25	Fort House	Bristol	2.89
Lamoine	Lamoine	55.00	Fort Knox	Prospect	124.50
Moose Point	Searsport	146.64	Fort McClary	Kittery	27.54
Peacock Beach	Richmond	100.00	Fort Popham	Phippsburg	7.93
Popham Beach	Phippsburg	554.68	Fort Pownall	Stockton Springs	5.00
Quoddy Head	Lubec	481.71	Fort William Henry	Bristol	1.53
Reid	Georgetown	769.77	John Paul Jones	Kittery	1.75
Two Lights	Cape Elizabeth	41.09	Mere Point	Brunswick	0.23
Warren Island	Islesboro	70.40	Montpelier	Thomaston	4.25
Wolf Neck	Freeport	233.40	Storer Garrison	Wells	0.32
			Vaughan Woods	South Berwick	165.40
Total Acreage:		10,042.98	State Total Acreage:		373.56
State Parks (Undeveloped and Unsupervised)			Memorials (Unsupervised)		
Branch Lake	Ellsworth	1,273.00	Battery Gosselin	Castine	0.25
Carver's Island	Vinalhaven	15.00	Fort Baldwin	Phippsburg	45.13
Ferry Beach	Saco	109.78	Fort St. George	St. George	2.60
Fort Island	Boothbay	36.00	Fort Webber	East Boothbay	2.75
Fort Point	Stockton Springs	149.50	North & South Sugarloaf Islands	Phippsburg	3.00
Good's Point	Steuben	.25	Shell Heaps	Damariscotta	4.50
Harpsswell Sound	Harpsswell	21.00	Total Acreage:		58.23
Jewell Island	Portland- Cumberland	128.00			
Jordan Beach	Scarborough	5.30			
Lamoine Beach	Lamoine	12.80			
Loudholm Farm	Wells	198.50			
Little Chebeague Island	Portland- Cumberland	86.00			
Lobster Cove	Boothbay Harbor	9.83			
Long Island	Portland	16.45			
Merrymeeting Bay	Bowdoinham	435.00			
Mount Waldo	Frankfort	124.00			
Beng Island	Cumberland	54.00			
Owls Head Beach	Owls Head	56.25			
Owls Head Light Station	Owls Head	12.90			
Perry-Gleason's Point	Perry	100.00			
Pickering Cove	Deer Isle	106.00			
Roque Bluffs	Roque Bluffs	274.04			
Sabatis Island	Bridgton	15.00			
Scarborough River (17.0 Acres Leased to town)	Scarborough	55.00			
Trescott	Trescott	263.00			
Total Acreage:		3,556.60			

Source: Maine Bureau of Parks and Recreation, 1977

7.2 Day Use at Coastal State Parks, 1965-1976

Park Name	1965	1966	1967	1968	1969	1970
Camden Hills	136,056	209,926	131,275	173,946	174,342	182,105
Cobscook Bay	4,736	6,434	7,685	8,147	10,976	7,788
Crescent Beach	28,865	58,196	97,459	94,908	126,239	146,769
Damariscotta Lake						15,038
Holbrook Island						
Lamoine	4,689	7,679	7,397	5,216	6,575	12,560
Moose Point	74,732	105,170	95,126	100,440	110,509	118,192
Peacock Beach				9,017	14,843	14,517
Popham Beach				41,126	68,545	92,315
Quoddy Head	25,570	28,157	25,876	36,480	44,828	56,340
Reid	148,674	159,088	150,211	164,096	168,671	196,833
Two Lights	96,960	90,935	84,525	102,563	112,382	126,424
Warren Island			1,035	1,993	2,612	3,348
Wolf Neck						
Coast	520,282	662,585	600,589	737,932	840,522	972,229
Maine	719,427	938,129	859,585	1,024,291	1,200,818	1,348,542

Park Name	1971	1972	1973	1974	1975	1976
Camden Hills	150,620	138,083	146,768	139,738	148,988	153,535
Cobscook Bay	8,842	10,715	9,117	12,751	15,715	20,296
Crescent Beach	144,038	112,940	132,273	148,547	150,069	168,379
Damariscotta Lake	17,737	16,489	16,465	20,582	18,102	16,976
Holbrook Island	2,935	2,176	2,992	1,999	1,606	2,906
Lamoine	16,460	18,455	17,687	21,218	20,840	11,355
Moose Point	118,675	106,185	74,800	48,819	78,086	104,697
Peacock Beach	13,797	12,354	12,537	24,169	16,599	10,377
Popham Beach	91,862	88,182	100,669	108,401	112,887	111,079
Quoddy Head	57,884	62,040	64,264	59,372	62,852	53,572
Reid	200,843	194,091	192,143	199,343	200,633	202,716
Two Lights	121,212	111,997	120,216	117,497	134,166	147,336
Warren Island	3,167	2,883	3,062	2,620	1,763	1,927
Wolf Neck			8,038	16,759	27,000	33,606
Coast	949,905	876,588	901,031	921,815	989,906	1,038,757
Maine	1,336,242	1,266,720	1,329,808	1,329,808	1,312,530	1,512,049

Source: Maine Bureau of Parks and Recreation, 1975-76

7.3 Camping Visits to Coastal State Parks, 1965-1976

Parks	1965	1966	1967	1968	1969	1970
Camden Hills	34,746	36,747	46,384	46,757	48,829	55,214
Cobscook Bay	8,905	8,807	9,109	13,212	16,836	20,435
Lamoine	9,185	10,545	9,816	13,453	14,636	17,223
Warren Island			287	525	799	942
Coast:	52,836	56,099	65,596	73,947	81,100	93,814
Maine:	224,630	235,642	246,855	262,108	300,688	331,377

Parks	1971	1972	1973	1974	1975	1976
Camden Hills	56,535	50,262	49,280	46,033	49,744	48,196
Cobscook Bay	25,437	25,402	23,830	20,945	26,627	22,684
Lamoine	20,720	19,622	16,608	15,793	19,669	14,696
Warren Island	1,642	1,637	1,375	870	673	630
Coast:	104,334	96,923	88,093	83,641	96,713	86,206
Maine:	326,863	303,816	292,514	269,323	290,323	281,971

Source: Maine Bureau of Parks and Recreation, 1975-76

7.4 Boating Facilities in the Coastal Planning Areas

Developed, State Owned or Operated		State Owned, Undeveloped and Unsupervised	
Area	Town	Area	Town
Highland Lake	Falmouth	Boat Parks	Swans Island
Jonesport Marina	Jonesport	Buttermilk Cove	Brunswick
Kennebec River	Hallowell	Duck Trap	Lincolntonville
Long Pond	Somesville	Pemaquid River	Bristol
Lubec Town Landing	Lubec	Pleasant Pond	Gardiner
Meetinghouse Eddy	Biddeford		
Narraguagus River	Milbridge		
Nonesuch River	Scarborough		
Penobscot River	Orrington		
Piscataqua River	Eliot (Leased to town, operated by town)		
Rockport Harbor	Rockport (Leased to town, operated by town)		
St. Croix River	Robbinston		
Toddy Pond	Orland		
Verona Island	Verona Island		
Westport Island	Westport (Dept. of Transportation owned land)		

Developed, Town Owned and Operated	
Area	Town
Bar Harbor Town Landing	Bar Harbor
Cathance River	Bowdoinham
Damariscotta Town Landing	Damariscotta
Kennebec River	Augusta
Murray Hill	Boothbay
New Meadows	Brunswick
Port Clyde	St. George
Richmond Park Landing	Richmond
Searsport Town Landing	Searsport
Swans Island	Swans Island
Vinalhaven	Vinalhaven
Tenants Harbor	St. George
Bath Boat Facility	Bath
Union River	Ellsworth
Frenchman's Bay	Lamoine
Stockton Harbor	Stockton Springs

Source: Maine Bureau of Parks and Recreation, 1977

7.5 Visits to Acadia National Park, Recreation and Non-Recreation *

7.5								
	1966	1967	1968	1969	1970*	1971	1972	1973
Total	2,158,364	2,102,007	2,303,202	2,489,757	2,776,272	2,455,747	2,645,416	2,767,391
	1974	1975	1976					
Total	2,778,005	2,786,681	2,775,065					

* Increase due to ideal conditions for winter use activity, i.e. increasingly popular sport of snowmobiling.

** Non-Recreational use defined as: The time spent in the park by persons engaged in nonconforming (i.e. non-recreation) use, such as commuters using park roads, personnel of other agencies working in the park, etc.

Source: Acadia National Park, U.S. National Park Service

7.6 Non-Resident Tourist Activities (Coastal Counties)

Destination	Sight-seeing	Fish/Hunt	Business	Fresh Water Bch'g	Salt Water Bch'g	Fresh Water Boat'g	* Camping	Snow-mobiling	Salt Water Boat'g	Skiing	Con-vention	Other	County Total
Cumberland	3.9	1.1	3.5	2.8	1.4	1.4	3.2		1.1	0.5	0.3	7.2	26.4
York	1.9	0.5	0.7	0.4	3.6	0.2	0.8		1.0			3.6	12.7
Sagadahoc	1.3	0.4	0.2		0.4		0.8		0.5			1.2	4.9
Lincoln	1.7	0.8	0.4	0.2	0.2	0.3	0.4		0.8			2.8	7.6
Knox	1.5	1.3	0.3		0.1	0.3	0.6		0.5			2.0	6.6
Waldo	0.5	0.2	0.2			0.2			0.1			0.8	2.1
Washington	0.3	0.6	0.3		0.1		0.2		0.1			0.6	2.1
Hancock	4.5	0.4	0.3	0.2	0.8		1.9		1.2			2.3	11.6
Kennebec	0.3	0.3	0.5	0.2		0.3	0.2					1.4	3.3

Source: Report of the Maine Vacation Travel Analysis Committee, Maine Bureau of Parks and Recreation, 1974

7.7 National Historic Landmarks* (Coastal Counties)

Location	County	Historic Landmark
Brunswick	Cumberland	Harriet Beecher Stowe House
Harpwell	Cumberland	Old Harpswell Meeting House
Portland	Cumberland	Wadsworth Longfellow House
Portland	Cumberland	McLellan-Sweat Mansion
Portland	Cumberland	Morse-Libby House
Scarborough	Cumberland	Winslow Homer Studio, Prout's Neck
Northeast Harbor	Hancock	Daniel Coit Gilman Summer House ("Over Edge")
E. Sullivan	Hancock	Admiral Richard E. Byrd Estate ("Wicky Up")
Augusta	Kennebec	James G. Blaine House (Governor's Mansion)
Winslow	Kennebec	Fort Halifax
Wiscasset	Lincoln	Nichols-Sortwell House
Prospect So. Berwick	Waldo	Fort Knox
York	York	Jonathan-Hamilton House
York	York	Old Gaol
	York	McIntire Garrison House

Source: Maine Comprehensive Outdoor Recreation Plan, Vol. 1, Maine Bureau of Parks and Recreation, 1972

7.8 Historic Districts* (Coastal Counties)

County	Town	District Name
Cumberland	Portland	Stroudwater
Cumberland	Westbrook	Richmond
Cumberland	Portland	Portland Waterfront
Cumberland	Freeport	Harraseeket
Cumberland		Cumberland & Oxford Canal
Cumberland	Brunswick	Federal Street Historic District
Cumberland	Brunswick	Lincoln Street
Hancock	Castine	Castine
Hancock	Bar Harbor	Somesville
Kennebec	Hallowell	Hallowell
Knox & Waldo	Warren et al.	George's River Canal
Knox	Thomaston	Thomaston
Knox	Rockport	Rockport
Lincoln	Bristol	Pemaquid Restoration & Museum
Lincoln	Wiscasset	Wiscasset
Lincoln	Alna	Head Tide
Sagadahoc	Bath	Bath
Sagadahoc	Richmond	Richmond
Sagadahoc	Woolwich	Day's Ferry
Waldo	Belfast	Primrose Hill
Waldo	Winterport	Winterport
Washington	East Machias	East Machias
York	York	York
York	Kittery	Isles of Shoals
York	Kennebunk	Kennebunk
York	Kennebunkport	Kennebunkport

Source: Maine Historic Preservation Commission, 1977

7.9 Origin of Non-Resident Maine Tourists

	Percent of Total
Massachusetts	29.4
New Hampshire	12.9
New York	9.6
Connecticut	7.7
New Jersey	6.2
Pennsylvania	4.1
Vermont	3.0
New Brunswick	2.6
Rhode Island	2.5
Ohio	2.0
Maryland	1.9
California	1.8
Virginia	1.7
Florida	1.5
Illinois	1.3
Michigan	1.2
Ontario	1.0
Quebec	1.0
Texas	0.7
Wisconsin	0.7
Total	92.8
Other	7.2
Total	100.0

Source: Maine State Development Office, 1976.
Report of the Maine Vacation Travel Analysis Com-
mittee, Maine Bureau of Parks and Recreation, 1973

Technical Notes

Day Use History — A summary of the use of state parks by day visitors for the past several years. A day visitor is any person visiting a state park during open hours.

Camping Visits — A summary of the use of state parks by campers for the past several years. A camping visitor is any person staying overnight in a state park.

Historic District — Those areas protected from federal, federally licensed, or federally funded projects and listed on the National Historic Register.

National Historic Landmark — Houses or other man-made structures listed on the National Historic Register.

Non-Recreation Visits — The time spent in a park by persons not engaged in recreation such as park employees and those commuting on park roads.

Tourist Day — An averaging term used to describe a full day of tourist use.

8 Social Services

Introduction

In this section data are included on the number of coastal residents receiving food stamps and aid to families with dependent children, as well as general assistance. Further, the numbers of physicians, dentists, and nurses available in the coastal counties are given.

Coastal counties as a whole receive slightly less food stamp aid than the State average of 11.4 percent of the total population.

The highest number of physicians per person are found in Cumberland County while the fewest number of physicians per person are found in Waldo County. The same statistic applies for dentists and nurses. Four of the nine coastal counties, Cumberland, Kennebec, Knox, and Sagadahoc have a better physician to patient ratio than the State's average of 945 persons per doctor. Overall, the coastal counties had a slightly better ratio than the State for physicians and dentists, and nurses.

The total estimated expenditures in 1976 for AFDC in the coastal counties was similar to the proportion of the population living in those counties (56%), while the 1976 total estimated expenditure for general assistance in the coastal counties was slightly less than the proportion of the population living in those counties (54%).

8.1 Households* Receiving Food Stamps (Coastal Counties)

	Number of Households
Cumberland	5,942
Hancock	1,038
Kennebec/Sagadahoc	3,295
Knox/Lincoln/Waldo	2,945
Washington	2,066
York	3,405
Coastal Counties Total	18,691
State Total	31,607

Source: Maine Department of Human Services, Division of Income Maintenance, June 1977

8.2 Total Expenditures for AFDC* Families (Coastal Counties)

	(In Thousands of Dollars)							
	1974		1975		1976		1977	
	Jan.	July	Jan.	July	Jan.	July	Jan.	July
Cumberland	\$ 544	\$ 560	\$ 765	\$ 753	\$ 674	\$ 695	\$ 759	\$ 768
Hancock	81	85	123	113	108	107	114	109
Kennebec	283	286	370	359	330	323	337	325
Knox	92	94	124	116	100	98	114	117
Lincoln	57	59	85	71	60	59	67	70
Sagadahoc	75	82	109	98	79	76	79	76
Waldo	83	90	124	118	99	93	109	109
Washington	103	106	142	140	151	137	146	148
York	259	283	388	385	347	377	400	418
Coastal Counties Total	\$1,577	\$1,645	\$2,230	\$2,153	\$1,948	\$1,965	\$2,125	\$2,140
State Total	\$2,770	\$2,866	\$3,855	\$3,741	\$3,439	\$3,501	\$3,689	\$3,715

Source: Maine Department of Human Services, Division of Income Maintenance, 1974-1977

8.3 Estimated Expenditures for General Assistance* (Coastal Counties)

County	(In Thousands of Dollars)			
	1975		1976	
	Jan.	July	Jan.	June
Cumberland	\$ 92	\$ 82	\$107	\$ 51
Hancock	18	4	4	3
Kennebec	41	19	42	26
Knox	22	19	39	31
Lincoln	1	1	5	5
Sagadahoc	8	2	4	3
Waldo	1	4	2	4
Washington	21	10	17	16
York	27	15	24	10
Coastal Counties Total	\$231	\$156	\$244	\$149
State Total	\$461	\$300	\$442	\$273

Source: Department of Human Services, Office of Research and Vital Statistics, 1975-1976

9 Natural Resources

Introduction

This section deals with coastal natural resources. It contains information on Maine Landings of Commercial Fisheries, clam flats, marine fishing licenses, farming information, timber harvest and value, and minerals.

The fishing industry and related support activities account for an important part of the coastal way of life and economy. Although the total fisheries landings in pounds have shown a downward trend over the past ten years the value has in general increased. Leading the fishery products in value is the lobster. Although down in landings over the past 20 years, this fishery has nearly doubled in value. In 1976, \$29 million worth of lobster were landed. This accounted for more than half the total value of fish landed in that year. Following this in value were soft-shelled clams, herring, ocean perch, scallops, and bait worms. While traditional fisheries such as lobster and finfish have remained fairly static, the under-utilized and new fisheries have grown markedly. Examples of these are sea moss, eels, mussels, etc. Maine shrimp, a relative newcomer to the State waters and valuable fishery declined in about seven years from 17 million pounds when landed to one million pounds landed in 1976. Harvesting clams is substantially affected by the closure of flats due to pollution by sewage. It is estimated that over one-fifth of clam flats are closed, reducing potential income from these areas. Further, adding to the total impact of closed flats is the fact

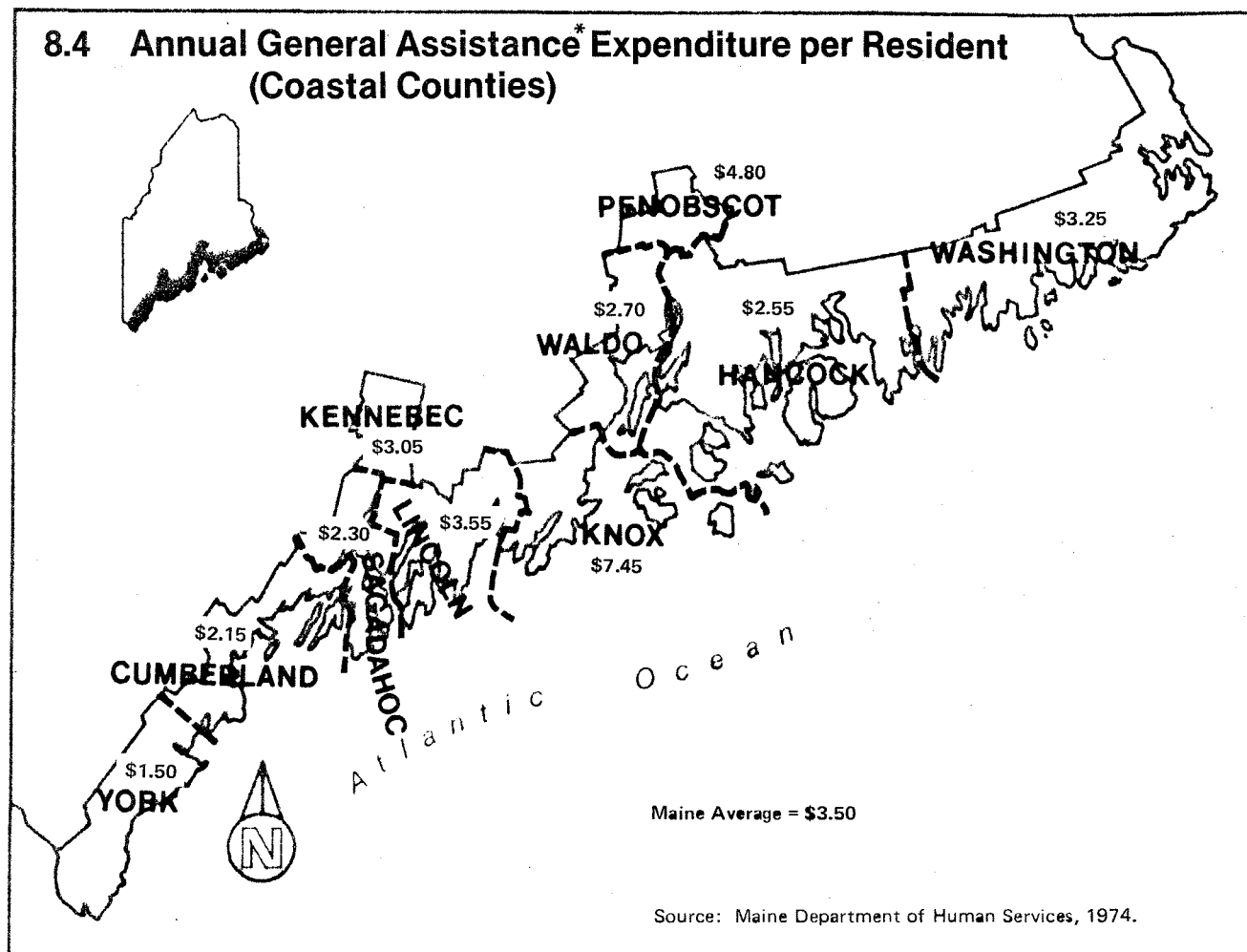
that the total 1976 landed value of \$7.4 million is a small part of the potential gross value of clams. Other recent developments in the industry, such as implementation of the 200 mile limit legislation and various aquaculture operations have all sparked new widespread interest in Maine's fisheries.

The percent of land used for farming has declined from 33 percent of the coastal area in 1940 to less than 10 percent today. However, the market value of farm products like the value of Maine's fisheries has continued to increase. Its value was \$54 million in 1940 and \$130 million in 1974. The size of these 3,100 remaining farms has doubled to an average of 183 acres. The gross farm income from this sector was \$241 million in 1974.

About one-quarter of the area of the State's commercial forest land is in coastal counties. The largest portion of this forest area is located in Washington County. Over 8,484 million board feet of sawtimber, poletimber, and other materials were harvested in the coastal counties in 1974. The largest harvest came in the southern areas.

Mineral production on the coast, principally in the form of sand and gravel for building construction and roads, was valued at about \$35 million in 1975. A small portion of the coast's mineral value is in copper and zinc. The islands and coastal areas were once famous for the quarrying of building stone, but the quarries have been aban-

8.4 Annual General Assistance* Expenditure per Resident (Coastal Counties)



8.5 Number of Physicians (Coastal Counties)

	Number of Physicians ¹	Population	Population/ Physician
Cumberland	326	202,300	620
Hancock	34	38,000	1,117
Kennebec	140	100,900	720
Knox	49	31,400	640
Lincoln	18	22,700	1,261
Sagadahoc	29	26,000	896
Waldo	8	25,500	3,187
Washington	18	32,200	1,788
York	87	120,300	1,387
Coastal Counties Total	709	599,300	845
State Total	1,109	1,049,000	945

¹ Includes allopathic and osteopathic physicians.

Source: Cooperative Health Manpower Data System Survey,
Maine State Planning Office, 1974

8.6 Number of Dentists (Coastal Counties)

	Number of Dentists	Population	Population/ Dentist
Cumberland	122	202,300	1,658
Hancock	22	38,000	1,727
Kennebec	48	100,900	2,102
Knox	18	31,400	1,744
Lincoln	13	22,700	1,746
Sagadahoc	14	26,000	1,857
Waldo	4	25,500	6,375
Washington	19	32,200	3,220
York	38	120,300	3,165
Coastal Counties Total	298	599,300	2,011
State Total	464	1,049,000	2,260

Source: Cooperative Health Manpower Data System Survey,
Maine State Planning Office, 1974

8.7 Number of Licensed Registered Nurses (Coastal Counties)

	Number of R.N.s	Population	Population/ R.N.
Cumberland	1,191	202,300	169
Hancock	139	38,000	273
Kennebec	555	100,900	181
Knox	115	31,400	273
Lincoln	80	22,700	283
Sagadahoc	123	26,000	211
Waldo	68	25,500	375
Washington	104	32,200	309
York	400	120,300	300
Coastal Counties Total	2,775	599,300	215
State Total	4,579*	1,049,000	229

*Active Employed, there are 6,324 R.N.s licensed and residing in the State.

Source: Cooperative Health Manpower Data System Survey, Maine State Planning Office, 1974

8.8 Number of Licensed Practical Nurses (Coastal Counties)

	Number of L.P.N.s	Population	Population/ L.P.N.
Cumberland	548	202,300	369
Hancock	130	38,000	292
Kennebec	327	100,900	308
Knox	46	31,400	682
Lincoln	41	22,700	553
Sagadahoc	75	26,000	346
Waldo	40	25,500	637
Washington	63	32,200	511
York	227	120,300	529
Coastal Counties Total	1,497	599,300	400
State Total	2,604	1,049,000	402

Source: Cooperative Health Manpower Data System Survey, Maine State Planning Office, 1974

Technical Notes

AFDC — This is an abbreviation for Aid to Families with Dependent Children.

General Assistance — Locally administered welfare programs financed entirely by local and state funds.

Household — A household consists of all those who share separate living quarters. Not included among households are such group quarters as dormitories, barracks, etc. For purposes as used here a household represents the number of persons authorized to buy food stamps at the start of each month.

done with the exception of open-pit mines of limestone in Portland and Thomaston. Small mining operations now open periodically to capitalize on markets for copper and granite.

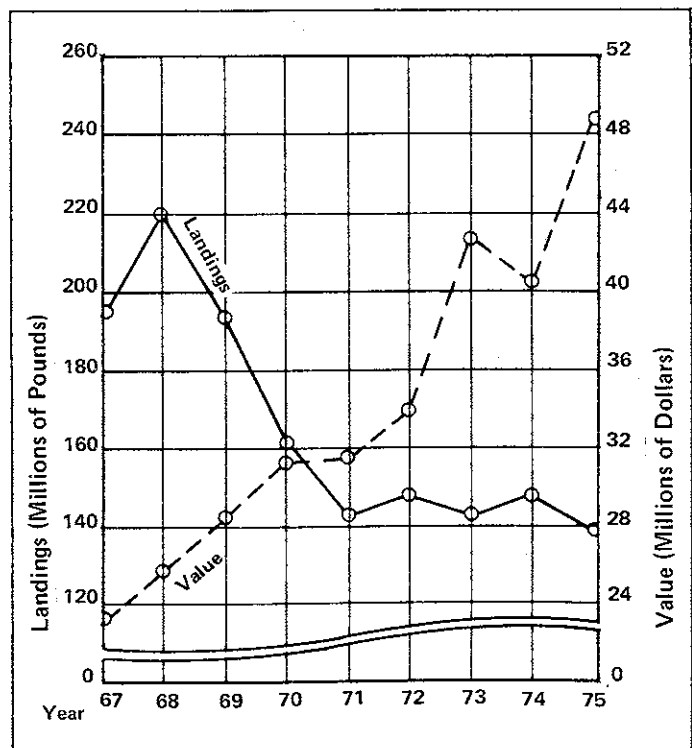
9.1 Summary of Marine Resource Landings by Species, 1955-1976

Marine Resource		1955	1965	1970	1975	1976
Alewives	Thousands of Pounds	3,779	3,106	1,623	3,768	3,395
	Thousands of Dollars	62	67	51	134	112
Bloodworms	#	203	770	845	638	532
	\$	313	1,165	1,529	1,779	1,255
Clams, Hard Shell	#	499	3	8	8	3
	\$	49	3	12	16	5
Clams, Soft Shell	#	2,621	1,964	5,259	6,529	7,368
	\$	1,776	1,478	3,141	5,671	7,489
Cod	#	2,467	2,629	5,427	4,560	3,249
	\$	264	198	449	647	590
Crabs	#	499	2,530	1,571	938	1,152
	\$	49	115	113	79	162
Cusk	#	603	286	266	721	862
	\$	64	25	24	92	147
Eels	#	33	52	38	154	191
	\$	11	18	11	83	94
Flounder	#	3,534	1,648	1,623	2,711	3,610
	\$	460	126	177	730	1,226
Haddock	#	4,009	1,881	1,013	776	1,357
	\$	517	282	232	273	733
Hake	#	2,398	3,849	1,411	4,560	5,532
	\$	193	195	94	365	601
Halibut	#	134	93	52	45	48
	\$	69	49	31	48	60
Herring	#	99,416	70,180	36,593	38,248	70,233
	\$	2,534	1,791	822	1,423	3,053
Lobsters	#	22,718	18,862	18,172	17,017	19,001
	\$	16,322	21,744	21,637	27,479	29,238
Mackerel	#	1,011	670	482	145	405
	\$	148	65	27	22	81
Mussels	#	105	32	301	612	1,203
	\$	5	5	81	197	344
Ocean Perch	#	67,685	60,307	46,688	21,503	25,783
	\$	4,827	3,650	2,860	1,979	2,604

Marine Resource		1955	1965	1970	1975	1976
Pollock	#	5,052	1,093	811	5,917	7,717
	\$	234	73	62	547	874
Sandworms	#	179	739	747	748	698
	\$	207	686	782	863	812
Scallops	#	1,114	414	180	1,594	629
	\$	1,087	443	272	3,019	1,352
Sea Urchins	#	58	N.A.	60	42	36
	\$	3		4	3	2
Seaweed, Moss	#	125	2,895	2,538	2,330	4,000
	\$	5	78	96	93	160
Shrimp	#	0	2,075	17,004	7,005	1,361
	\$		373	4,417	1,938	488
Smelt	#	127	199	82	92	80
	\$	72	70	23	28	28
Tuna	#	26	91	62	167	72
	\$	6	12	5	62	27
Whiting	#	25,114	27,722	14,837	1,198	408
	\$	498	745	1,490	72	29
Total Weight	#	243,509	204,090	157,693	122,026	158,925
Total Value	\$	\$29,775	\$33,456	\$38,442	\$47,642	\$51,566

Source: Maine Landings, Annual Summary, 1955, 1965, 1970, 1975, 1976, Maine Department of Marine Resources

9.2 Quantity-Value of Maine Landings, 1967-1975



Source: Maine Department of Marine Resources

9.3 Coastal Clam Flat Areas Closed^{*} (Coastal Counties)

	Total Acres	Closed Acres	Percent Closed
Cumberland	7,998	2,017	25
Hancock	10,165	1,258	12
Knox	3,236	699	22
Lincoln	3,299	1,083	33
Sagadahoc	2,036	1,438	71
Waldo	1,676	1,004	60
Washington	16,771	1,490	9
York	682	669	98
Coast	45,863	9,658	21.1

Source: *Statewide Comprehensive Clam Management Plan*, 1975, Maine Department of Marine Resources

9.4 Marine Fishing Licenses (Coastal Counties)

County	Lobsters & Crabs	Commercial Shellfish	Marine Worms	Scallops	Lobster Meat Permit	Resident Commercial Fishermen	Resident Sea Moss	Retail Seafood Dealer	Wholesale Seafood Dealer
Upper									
Penobscot Bay	87	143	18	5	2	7	1	57	10
Knox Region	1,053	262	16	43	5	88	24	116	56
Eastern									
Penobscot Bay	558	302	6	87	4	25	1	35	16
Eastern Hancock	716	382	147	51	12	74		135	41
Lincoln	714	312	242	11	10	90	4	84	33
Bath-Brunswick	769	210	79	8	8	71	292	98	19
Western Washington	561	580	429	9	4	71		38	40
Central Washington	105	155	2	6	2	7		12	9
Eastern Washington	89	60		3		7		35	14
Cumberland-									
Greater Portland	684	154	42	5	28	89	24	175	39
York	467	35	15	1	20	33	53	235	27

Note: Bangor and Augusta—not included

Source: Maine Department of Marine Resources, 1970.

County	Lobsters & Crabs	Commercial Shellfish	Marine Worms	Scallops	Lobster Meat Permit	Resident Commercial Fishermen	Resident Sea Moss	Retail Seafood Dealer	Wholesale Seafood Dealer
Upper									
Penobscot Bay	59	126	53	12	4	13		78	8
Knox Region	940	133	11	21	8	55	3	103	38
Eastern									
Penobscot Bay	352	73	3	24	4	26	31	33	18
Eastern Hancock	525	145	165	16	11	17	1	124	28
Lincoln	668	254	216	3	10	63	1	109	36
Bath-Brunswick	477	180	29	6	8	31	113	117	18
Western Washington	485	244	293	3	3	34		33	26
Central Washington	84	47		1	1	10		15	4
Eastern Washington	100	23		1	1	11		31	10
Cumberland-									
Greater Portland	492	184	48	3	32	33	12	205	58

Source: Maine Department of Marine Resources, 1965.

County	Lobsters & Crabs	Commercial Shellfish	Marine Worms	Scallops	Lobster Meat Permit	Resident Commercial Fishermen	Resident Sea Moss	Retail Seafood Dealer	Wholesale Seafood Dealer
Upper									
Penobscot Bay	194*	323*	44	25*	3	22*	—	68	23*
Knox Region	974	601*	23*	111*	14	86	7	127	93*
Eastern									
Penobscot Bay	514*	817*	19*	116	5	38	4	34	37*
Eastern Hancock	643	1,040*	223	83*	15	74*	—	100	93*
Lincoln	667	508*	282	40*	7	122*	14*	107	62*
Bath-Brunswick	868*	343*	75*	19*	4	100*	158*	111	41*
Western Washington	527	784*	495*	36*	6	23	—	35	86*
Central Washington	150*	143*	8*	3	2	4*	—	14	6
Eastern Washington	133*	86*	—	12*	1	20*	—	30	22*
Cumberland-									
Greater Portland	927*	272*	53	54*	14	73*	8	186	97*
York	645*	73*	34*	3	22	83*	44	209	43
Bangor Area	53	36	5	1	5	9	—	81	17
Augusta Area	47	35	120	3	2	4	—	58	9

*Substantial Increases Since 1965

Source: Maine Department of Marine Resources, 1974.

9.5 Farming Summaries (Coastal Counties)

	1940	1954	1964	1969	1974	Percent Change 1969-1974
Total Number All Farms	19,413	11,838	6,492	3,347	3,100	- 8.0
Average Acres Per Farm	93	121	164	179	183	+ 2.0
Percent of Land Area						
In Farms	33	29	19	11	9	-18.0
Value Farmland						
Dollars Per Acre*	\$26	N.A.	\$154	\$196	\$430	+54.0
Market Value of All Farm Products Sold*						
(in thousands of dollars)	\$54,492	\$95,355	\$123,308	\$113,332	\$130,000	+13.0

*In G.N.P. 1974 constant dollars

Source: U.S. Bureau of the Census, Agriculture, 1940-1974, Maine State Library

9.6 Farm Indicators (Coastal Counties)

	Total Number All Farms		Average Acres Per Farm		Percent Land Area in Farms		Value Farmland Per Acre (\$)		Market Value* of All Farm Products Sold (thousands \$)		Gross Farm ¹ Income (thousands \$)
	1969	1974	1969	1974	1969	1974	1969	1974	1969	1974	1974
Cumberland	536	457	125	142	12	11	282	568	11,827	15,283	35,532
Hancock	200	218	236	204	5	5	129	281	2,688	2,753	4,684
Kennebec	703	626	189	201	24	21	247	455	23,110	42,122	66,707
Knox	263	231	152	149	17	14	242	485	7,705	9,257	20,079
Lincoln	195	176	166	161	11	9	221	461	5,111	3,944	16,407
Sagadahoc	113	108	155	144	11	9	190	479	2,418	3,174	7,468
Waldo	517	483	191	195	21	19	168	362	19,903	28,134	57,616
Washington	320	301	259	296	5	9	125	232	5,913	3,688	8,989
York	500	500	161	163	13	13	252	548	8,927	19,612	23,733
Coastal Total:	3,347	3,100	181	183	13	12	206	430	87,602	127,967	241,215

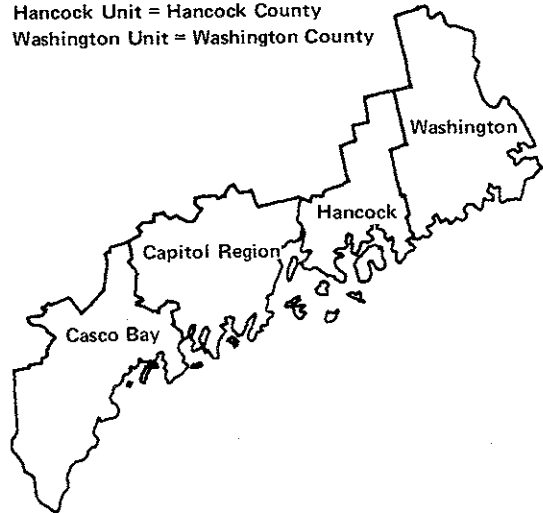
Source: U.S. Census of Agriculture, 1969

¹Standard Rate and Data Service, Inc.

9.7 Coastal Timber Sampling Units

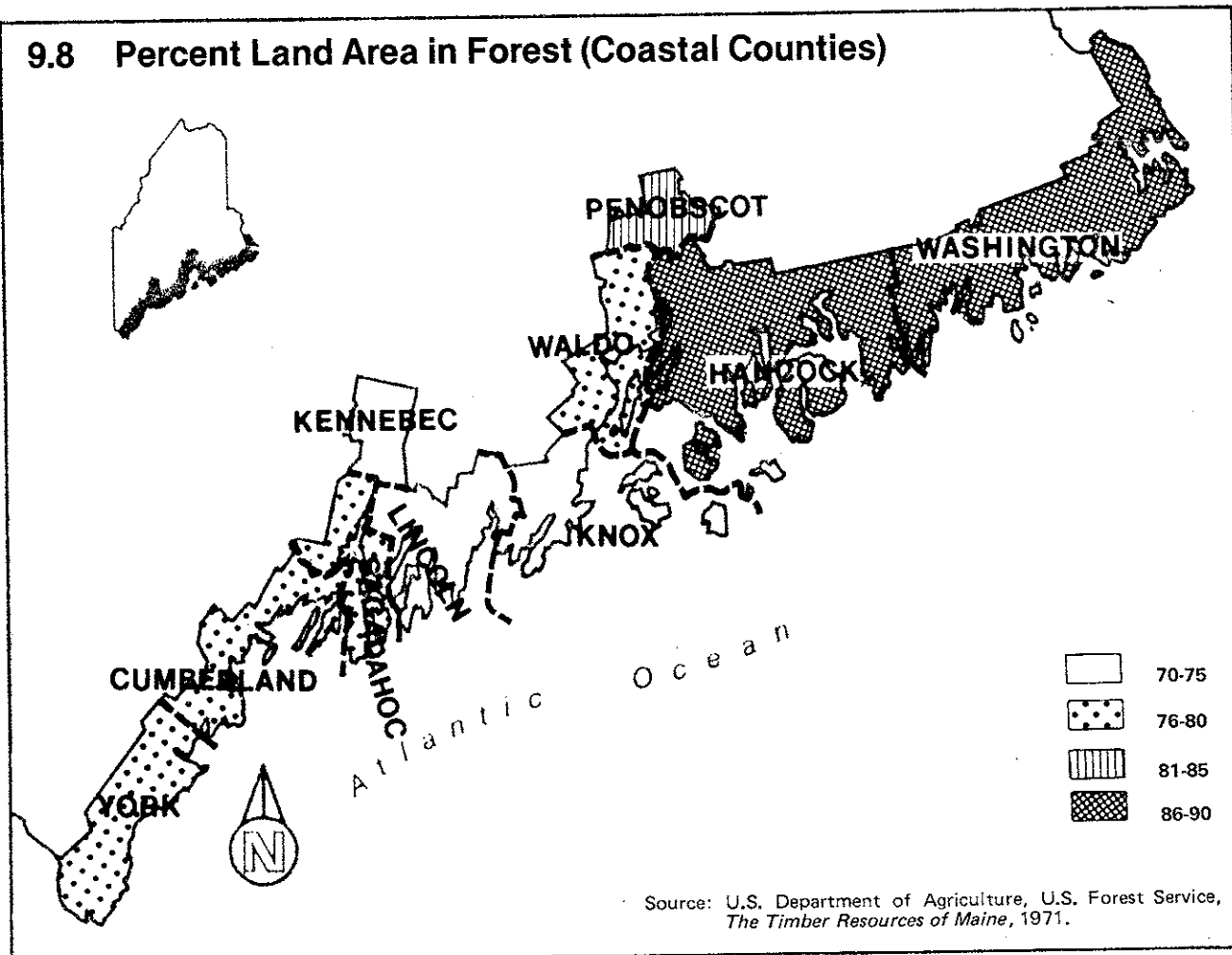
The Geographic Samplings Units on the Coast 1968-70

Casco Bay Unit = York, Cumberland,
Androscoggin and Sagadahoc Counties
Capitol Region Unit = Kennebec, Lincoln,
Knox and Waldo Counties
Hancock Unit = Hancock County
Washington Unit = Washington County



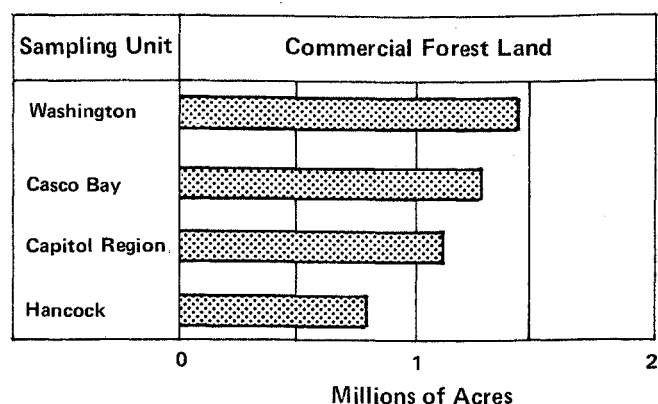
Source: U.S. Department of Agriculture, U.S. Forest Service,
The Timber Resources of Maine, 1971.

9.8 Percent Land Area in Forest (Coastal Counties)



Source: U.S. Department of Agriculture, U.S. Forest Service,
The Timber Resources of Maine, 1971.

9.9 Land Area in Commercial* Forest on the Coast



Source: U.S. Department of Agriculture, U.S. Forest Service,
The Timber Resources of Maine, 1971.

9.10 Land Area in Commercial Forest Type on the Coast

Geographic Unit	Forest-type Group						Total
	White Pine- Red Pine- Hemlock	Spruce- Fir	Oak and Oak-Pine ¹	Elm-Ash- Red Maple	Maple- Beech- Birch	Aspen- Birch	
Capitol Region	286.0	336.2	62.1	223.5	125.5	98.9	1,132.2
Casco Bay	578.3	64.1	182.1	218.5	79.7	165.4	1,286.1
Hancock County	90.2	472.0	36.7	90.2	92.0	81.6	862.7
Washington County	102.2	850.3	31.3	133.9	82.9	238.4	1,439.0
Coastal Total	1,056.7	1,722.6	312.2	666.1	380.1	584.3	4,722.0
State Total	1,812.0	7,949.4	438.3	1,714.2	3,516.3	1,419.1	16,894.3

¹ Of the 438,300 acres in the oak types, the oak-pine type totals 185,400 acres.

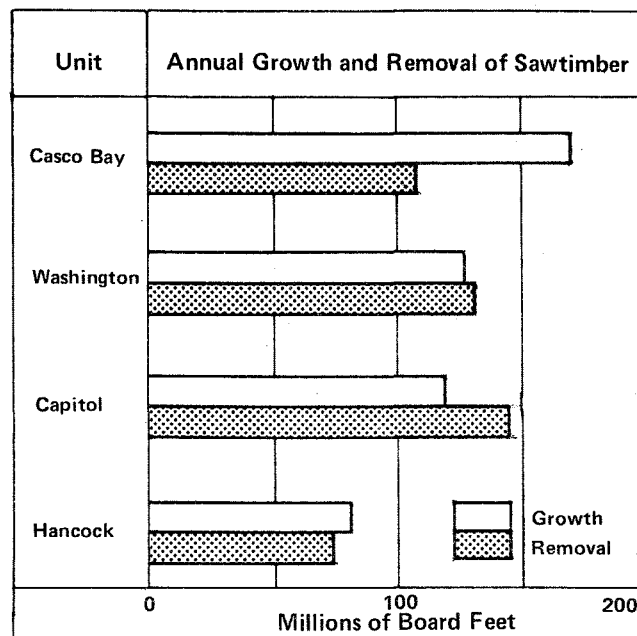
Source: *The Timber Resources of Maine*, U.S. Department of Agriculture, U.S. Forest Service, 1971

9.11 Volume of Saw Timber* on the Coast

Geographic Unit	Sawtimber Stands			Poletimber Stands			Other Stands			Total
	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	
Capitol Region	714.5	339.5	1,054.0	220.9	125.7	346.6	300.4	186.6	487.0	1,887.8
Casco Bay	1,670.2	262.8	1,933.0	274.9	196.3	471.2	370.3	109.6	479.9	2,884.1
Hancock County	751.2	129.4	880.6	258.3	36.3	294.6	156.2	67.3	223.5	1,398.7
Washington County	1,040.7	340.0	1,380.7	612.5	209.3	821.8	94.8	17.6	112.4	2,314.9
Coastal Total	4,176.6	1,071.7	5,248.3	1,366.6	567.6	1,934.2	921.7	381.1	1,302.8	8,485.3
State Total	16,340.3	7,210.0	23,550.3	5,218.1	2,550.0	7,768.1	1,897.5	1,303.8	3,201.3	34,519.7

Source: *The Timber Resources of Maine*, U.S. Department of Agriculture, U.S. Forest Service, 1971

9.12 Net Growth and Removal of Sawtimber* on the Maine Coast



Source: U.S. Department of Agriculture, U.S. Forest Service, *The Timber Resources of Maine*, 1971.

9.13 Value of Mineral Production, by Maine (Coastal Counties)

County	Thousands of Dollars				Mineral Produced in Order of Value
	1969	1971	1973	1974	
Cumberland	\$ 1,747	\$ 2,202	\$ 2,922	\$ 2,972	Sand and gravel, stone, clays
Hancock	W	4,927	10,491	10,507	Zinc, copper, sand and gravel, lead, peat, silver, stone, clays
Kennebec	691	1,584	W	W	Sand and gravel, stone
Knox	W	W	W	13,615	Cement, stone, sand and gravel
Lincoln	140	W	285	—	Sand and gravel
Sagadahoc	W	W	W	—	Sand and gravel
Waldo	334	—	W	W	W
Washington	W	W	W	W	Sand and gravel, peat
York	712	W	934	W	Sand and gravel, stone, peat
Undistributed ¹	13,988	11,231	16,291	—	
State Total	\$20,188	\$21,898	\$33,493	\$27,174	

W—Withheld to avoid disclosing individual company confidential data

¹ Includes value of gemstones and sand and gravel that cannot be assigned to specific counties and values indicated by symbol W

Source: *Bureau of Mines Mineral Yearbooks*, U.S. Department of the Interior, 1969-74.

Technical Notes

Closed Clam Area — Intertidal clam harvesting flats legally closed to taking of soft clams due to pollution by sewage.

Commercial Forest Land — Forest land that is producing or capable of producing of industrial wood and is not withdrawn from timber utilization.

Growing Stock Trees — Live trees of commercial species that are classified as sawtimber, poletimber, saplings, and seedlings; that is, all live trees of commercial species except rough and rotten trees.

Hardwoods — Dicotyledonous trees that are usually broad-leaved and deciduous.

Market Value of Farm Products — This and the value of the farmland is given in G.N.P. 1974 constant dollars.

Sawtimber Stands — Stands that are at least 16.7 percent stocked with growing stock trees with half or more of total stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to poletimber stocking.

Softwoods — Coniferous trees that are usually evergreen, having needles or scale-like leaves.

Stand — A growth of trees on a minimum of one acre of forest land.

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