Obermiller

Lincoln County, Oregon

RESOURCE ATLAS

- NATURAL
- HUMAN
- ECONOMIC
- PUBLIC

JANUARY 1974

EXTENSION *Community Development* PROJECT

OREGON STATE UNIVERSITY

Lincoln County, Oregon

RESOURCE ATLAS

NATURAL

HUMAN

ECONOMIC

PUBLIC

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Oregon State University Extension Service

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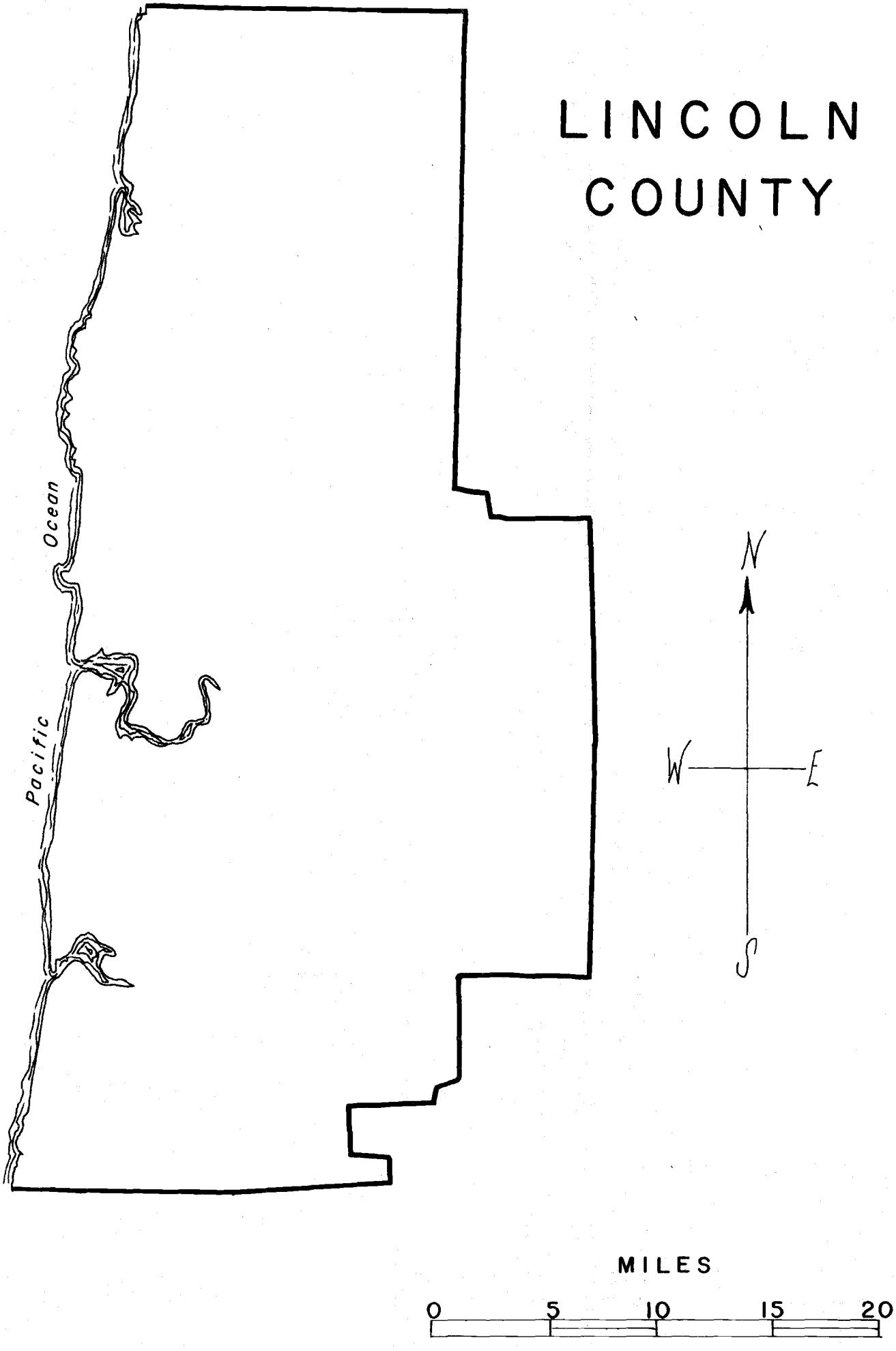
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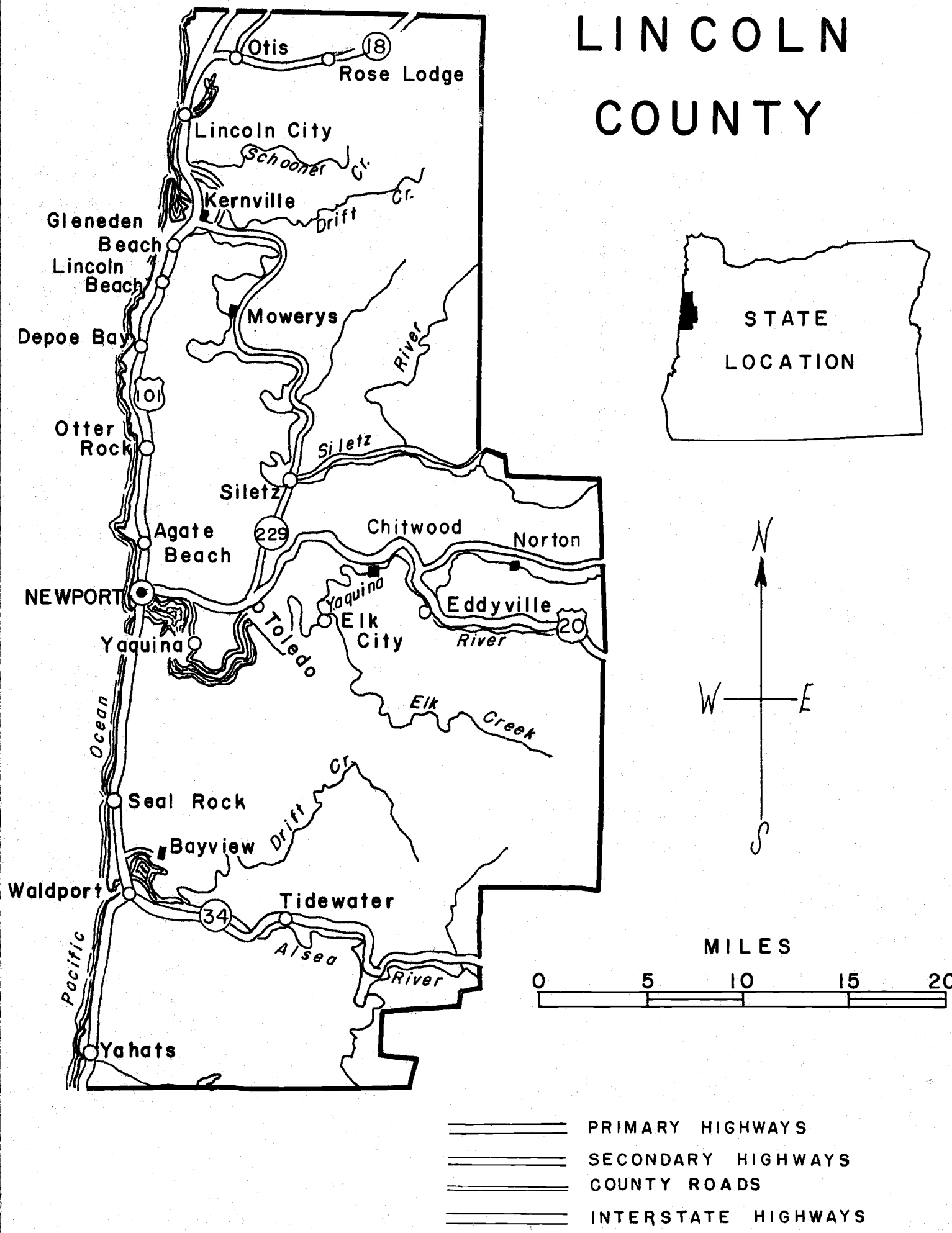
LINCOLN COUNTY



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GENERAL DESCRIPTION 1/

Lincoln County is located on the central Oregon coast. The Pacific Ocean forms its western boundary while its eastern boundary is in the Coast Mountain Range. Lincoln County is bounded on the north by Tillamook County, on the south by Lane County, and on the east by Polk and Benton Counties. The county seat, Newport, is approximately 83 miles southwest of Salem, 114 miles southwest of Portland, and 94 miles northwest of Eugene.

The county is nearly 60 miles long and from 15 to 20 miles wide. It covers about 998 square miles or about 631,000 acres to rank 27th in area among Oregon counties.

Much of the land area is forested and hilly or mountainous. Five main rivers, the Salmon, Siltez, Yaquina, Alsea, and Yachats, cut through the county and drain into the Pacific Ocean. Most urban development has been around the bays formed by these rivers. Agricultural production is centered around the river bottomlands in the county.

The climate in Lincoln County is temperate with wet winters and moderate summers. Precipitation increases and winter temperatures are colder inland as elevation increases. Precipitation varies from 60 inches along the coast to over 180 inches in the Coast Range while the frost-free growing season ranges from 140 days in the mountains to 250 days along the coast.

In 1972 the county had a population of 26,100. Newport was the largest town with 5,380 people.

Lumbering, fishing, agriculture, and recreation are the major industries in Lincoln County. The county's coastline is one of the major recreational areas in the state.

Although the county was not established until 1893, it was populated much earlier, first by coastal Indian tribes and later by settlers in the Alsea and Newport areas.

1/ Coppedge, Robert O., Agriculture in Oregon Counties - Farm Sales and General Characteristics, Special Report 330, Oregon State University Extension Service, Corvallis, Oregon, 1971.

A brief summary of facts for the county is noted below.[1/]

Area:	998 square miles 631,040 acres	Population:	26,100 (July 1, 1972)
Elevation at Newport:	130 feet	True Cash Value:	$396,068,521 (1972)
Average Temperature: Summer - 57.7 Winter - 45.4		Principal Industries: Lumbering, Fishing, Agriculture, Recreation	
County seat:	Newport		

PHYSICAL ASPECTS

Lincoln County is characterized by rounded hills and narrow winding valleys. The coastal plains are often broken by headlands that rise abruptly to meet the hills. The streams are bordered by small valleys of flat land. These valleys vary from a few feet above sea level to nearly 400 feet above sea level. Ridge tops rise to 1,000 to 1,500 feet elevation with peaks on the Coast Range at 3,350 feet. The county is drained in a westerly direction by five main rivers. Most of the land is covered by coniferous forests.

Climate

Lincoln County has a temperature, humid climate resulting from the influences of the Pacific Ocean and the intensification of rainfall caused by the Coast Range barrier. The precipitation varies with elevation and topography. It ranges from 60 to 90 inches along the sea coast up to 180 inches annually at the higher elevations in the Coast Range.

Approximately 80 percent of the precipitation occurs from October through March. The coast area has an average precipitation of 8 to 12 inches per month in this period and the mountainous area receives 12 to 20 inches per month. This precipitation occurs in moderate to heavy storms, some lasting for prolonged periods. During the summer months, most of the precipitation comes in the form of fog and light rainstorms.

Snowfall varies from a few inches along the coast and valley areas to several feet at higher elevations.

The average annual frost-free growing season varies from 140 days in mountainous areas to 250 days along the coast. The Newport area averages about 248 frost-free days annually.

1/ Oregon State Executive Department, Clay Myers, Secretary of State, Oregon Blue Book, 1973-74, January 1973.

Normal wind velocities are from 15 to 25 miles per hour along the coast and can reach as high as 75 miles per hour. Summer winds are northwesterly while winter winds are southwesterly. During storms, south or southwesterly winds are common.

The following tables do not include any stations at higher elevations in mountainous areas of the county but do indicate temperature, precipitation, and growing seasons at lower elevations.

Table 1. Selected Weather Stations and Their Elevations, Lincoln County

Station	Elevation in Feet
Newport.....	136
Otis.....	150
Tidewater.....	50

SOURCE: U.S. Department of Commerce, Weather Bureau, Decennial Census of U.S. Climate, Supplement for 1951 through 1960, Oregon No. 86-31, 1965.

Table 2. Temperature and Precipitation, Lincoln County, By Month, 1951-1960 Averages

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Average Temperature	- - - - - - - - - - - - - degrees Farenheit - - - - - - - - - - - - -												
Newport 1/...	43.9	44.6	44.7	47.4	51.2	54.8	56.5	56.6	55.9	53.4	48.4	45.6	50.3
Otis.....	41.5	43.6	44.3	48.3	52.7	56.4	59.6	59.8	58.5	53.6	46.2	43.1	50.6
Tidewater 1/.	41.9	44.4	45.7	50.6	54.7	58.7	62.5	62.7	61.0	55.2	47.5	44.0	52.4
Total Precipitation	- - - - - - - - - - - - - - - - - inches - - - - - - - - - - - - - - - - -												
Newport 1/...	13.74	9.57	9.61	5.03	3.10	2.41	0.64	1.29	2.68	6.94	8.86	11.05	74.92
Otis.....	17.61	11.73	11.76	6.71	4.23	3.39	1.20	1.83	3.88	9.23	11.71	14.98	98.26
Tidewater....	17.59	13.04	12.53	6.22	4.04	2.30	0.72	1.22	3.02	7.99	11.60	15.70	95.97

1/ Some months are for somewhat less than the 1951-1960, ten year, period.
SOURCE: U.S. Department of Commerce, Weather Bureau, Decennial Census of U.S. Climate, Supplement for 1951 through 1960, Oregon No. 86-31, 1965.

The following table gives an average day-time high and night-time low for each month over the years 1951-1960.

Table 3. Mean Daily Maximum and Minimum Temperatures, Lincoln County, By Month, 1951-1960 Averages

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Mean Daily Maximum Temp.	- - - - - - - - - - - - degrees Farenheit - - - - - - - - - - - -												
Newport 1/...	49.7	51.2	51.6	54.8	58.4	61.4	63.3	63.8	64.2	61.3	55.5	51.8	57.3
Otis.....	47.0	50.6	52.3	57.4	62.1	65.2	69.7	69.8	68.9	62.0	53.4	49.1	59.0
Tidewater 1/.	47.7	51.7	53.7	60.1	64.6	68.1	73.5	74.1	72.7	64.5	55.0	49.8	61.9
Mean Daily Minimum Temp.	- - - - - - - - - - - - degrees Farenheit - - - - - - - - - - - -												
Newport 1/...	38.1	37.9	37.6	40.1	44.1	48.2	49.5	49.4	47.5	45.5	41.2	39.4	43.2
Otis.....	35.9	36.5	36.2	39.2	43.3	47.5	49.5	49.8	48.1	45.1	39.0	37.0	42.3
Tidewater 1/.	36.1	37.6	37.8	41.0	44.7	48.7	51.1	51.0	49.1	45.8	39.6	37.7	43.4

1/ Some months are for somewhat less than the 1951-1960, ten year, period.
SOURCE: U.S. Department of Commerce, Weather Bureau, Decennial Census of U.S. Climate, Supplement for 1951 through 1960, Oregon No. 86-31, 1965.

Table 4. Freeze Data for Lincoln County, By Month, 1951-1960

Station	Mean Number of Days with a Temperature of 32°F. or Below												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Newport 1/...	7	5	6	2	2/	0	0	0	0	2/	3	4	27
Otis.....	10	9	10	4	2/	0	0	0	0	2/	6	8	47
Tidewater 1/.	9	6	6	1	2/	0	0	0	0	0	6	7	35

1/ Some months are for somewhat less than the 1951-1960, ten year, period.
2/ Less than 0.5 days.
SOURCE: U.S. Department of Commerce, Weather Bureau, Decennial Census of U.S. Climate, Supplement for 1951 through 1960, Oregon No. 86-31, 1965.

For more recent climatological data on Lincoln County, see: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data Service, Climatological Data, Annual Summary 1971, Vol. 77, No. 13, 1971.

Soils 1/

Lincoln County has four general soil groups, based on their derivation. There are soils derived from alluvium, soils developed from marine sediments, soils from igneous materials, and soils from sedimentary rock.

Upland soils of various origin and mineralology are the parent material for the alluvial soils which occupy terraces, fans, and flood plains. In areas where the valley walls meet the valley floors, fans or footslopes of alluvium and colluvium were deposited. Flood plains are located on slightly higher but adjacent lands to streams.

Flood plain soils have practically no soil profile development; fan soils have a weak profile development; and terrace soils a moderate development. The alluvial soils vary from moderately shallow to very deep and they overlie silt, gravel, sand, or bedrock. They are found on slopes that are nearly level to moderately sloping. They were homesteaded by the early settlers and still support most of the agriculture. The soils are suited for agriculture, forest, urban, recreation, road construction, and other uses.

Soils derived from marine sediments are located mainly along the coastal areas of the county. Large quantities of mostly quartz sand were deposited in dunes in depths of 100 to 200 feet, rising to elevations as high as 250 feet above sea level. Semi-consolidated soils are oldest marine sediments and the youngest are loose, non-vegetated dune land that the ocean winds constantly move eastward. Intermittent areas of peat, thin lenses of silt and clay, and cemented layers and hardpan occur in places.

The topography is undulating and dune-like with long parallel ridges and smooth slopes. The slopes vary from nearly level to strongly sloping. The uses are: urban and recreation use, and to a lesser degree, agriculture, forest, and road construction. They are very unstable and erodible when vegetation is removed and require careful treatment when used for any purpose.

Soils derived from igneous materials occur in mountainous regions and have been formed from such materials as basalt, gabbro, diorite, and syenite rocks, consolidated tuffs, and interbedded tuffaceous sandstone.

The profile development of the soils varies from moderate to strong. Pebbles and stones are mixed throughout the profile. Depth of the soils varies from shallow to very deep. The topography of the soils is smooth to uneven and gently sloping to extremely steep, varying from 3 to 90 percent gradient. The soils are well suited for forest production, recreation, wildlife, and watershed protection.

Soils derived from sedimentary rock cover the largest part of the county. The greater part of the parent rock is micaceous and arkosic sandstone and sandy siltstone. In addition, there are smaller areas of mudstone and shale and, in areas adjacent to volcanic rock, tuffaceous sandstone or rocks with

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1/ Oregon State Water Resources Board, Mid-Coast Basin, 1965.

a mixture of tuffaceous and marine sediments. This area is typically mountainous.

These soils have moderately to strongly developed, moderately fine to fine textured profiles. Cobbles or pebbles may be found intermixed in all or a portion of the profile. Depth varies from shallow to very deep. The gradient may vary from 0 to 75 percent and slopes are smooth to uneven. Uses include: forest, recreation, wildlife, and watershed protection.

Soil Characteristics and Land Capability

Table 5. Land Area and Use of Inventory Acreage, Lincoln County, 1967

Use	Acres
Inventory Acreage	
Cropland	19,944
Pasture	10,105
Range	0
Forest and woodland	384,260
Other land	3,134
Total inventory acres	417,443
Percent of total land area in inventory	66.2%
Non-Inventory Acreage	
Federal land	195,581
Urban and built-up areas	12,573
Water areas	4,803
Total non-inventory acres	212,957
Total land area	630,400

SOURCE: Oregon Conservation Needs Committee, Oregon Soil and Water Conservation Needs Inventory, U.S. Soil Conservation Service and Oregon State University Extension Service, 1971.

An interpretive grouping of soils into "Land Capability Classification" has been developed by the Soil Conservation Service. This grouping shows, in general, how suitable soils are for most kinds of farming. Soil characteristics such as depth, texture, wetness, slope, erosion hazard, overflow hazard, permeability, structure, reaction, waterholding capacity, inherent fertility and climatic conditions as they influence the use and management of land are considered in grouping soils into eight land capability classes. These eight classes are designated by Roman numerals. The hazards and limitations of use of the groups increase as the class number increases. Class I land has few hazards or limitations, whereas Class VIII land is so limited that it is unfit for cultivation and grazing. This land can be used only for recreation, wildlife habitat or water supply.

Table 6. Use of Inventory Acreage by Capability Class, Lincoln County, 1967

Capability Class and Limitations 1/	Use in Acres				
	Cropland	Pasture-Range	Forest	Other Land	Total
I.....	0	0	0	0	0
II					
E.....	4,439	0	10,204	3,134	17,777
W.....	3,328	0	1,553	0	4,881
C.....	1,555	0	0	0	1,555
III					
E.....	2,292	0	5,989	0	8,281
W.....	4,166	0	0	0	4,166
S.....	208	0	0	0	208
IV					
E.....	3,956	0	6,211	0	10,167
W.....	0	0	443	0	443
V.....	0	0	0	0	0
VI					
E.....	0	1,443	60,113	0	61,556
VII					
E.....	0	6,640	291,983	0	298,623
S.....	0	2,022	7,764	0	9,786
VIII.....	0	0	0	0	0

1/ Limitations: E - main limitation is erosion.
W - water in soil interferes with plant growth.
S - soil is shallow, droughty, or stony.
C - main limitation is climate, too cold or too dry.

SOURCE: Oregon Conservation Needs Committee, Oregon Soil and Water Conservation Needs Inventory, U.S.D.A. Soil Conservation Service and Oregon State University Extension Service, 1971.

Table 7. Conservation Treatment Needs, Lincoln County, 1967

Classification	Acreage
ALL CROPLAND	19,944
Cropland needing treatment	11,345
Type of treatment needed:	
Residue cover	3,295
Sod in rotation	3,189
Drainage	4,339
Management	314
Other	208
ALL PASTURE	10,105
Pasture needing treatment	8,662
Type of treatment needed:	
Change in land use	8,662
FOREST AND WOODLAND	384,260
Forest and woodland needing treatment	336,400
Description of problems:	
Establishment of timber stand	30,300
Improvement of timber stand	306,100
OTHER LAND	2,910
Other land needing treatment	0

SOURCE: Oregon Conservation Needs Committee, Oregon Soil and Water Conservation Needs Inventory, U.S.D.A. Soil Conservation Service and Oregon State University Extension Service, 1971.

Land Ownership and Land Use

About 36 percent of the county is publicly owned. The federal government owns 31 percent alone. Most of the federal land is managed by the U.S. Forest Service, but the Bureau of Land Management also administers a substantial acreage. Less than 4 percent of the land is owned by the state. Most of this area is managed by the Department of Forestry and the Division of State Lands.

Over 90 percent of the county is forest land. Less than 8 percent is farmland and about half of this is woodland.

The county has approximately 60 miles of public ocean beach land.

Table 8. Land Use and Ownership, Lincoln County, 1964

Item	Lincoln County Acres	Lincoln County Percent	State Percent
Total land area.....	630,400	100.00	100.00
Land Use			
Urban.....	--	--	0.49
Industrial.....	--	--	0.16
Military.....	--	--	0.10
Intensive agriculture.....	7,124	1.13	6.52
Dryland farming.....	--	--	3.33
Forests.....	611,451	97.00	44.84
Parks.....	--	--	0.32
Conservation.....	--	--	2.25
Grazing.....	11,820	1.87	41.50
Non-productive land.....	--	--	0.49
Land Ownership			
Total private land ownership.....	402,910	63.9	44.2
Total public land ownership.....	227,490	36.1	55.8
Federal.....	195,239	31.0	51.8
State.....	23,979	3.8	2.9
Local.....	8,272	1.3	1.1

SOURCE: Oregon Department of Planning and Development, Resources for Development, 1964.

Table 9. Inventory of State-Owned Real Property, Lincoln County, 1970

Agency	Acres	Land Value	Improvement Value	Total Value	Annual Rental Income
Fish Commission...	100.00	$ 15,000	$ 131,950	$ 146,950	$ 480
Dept. of Forestry.	15,450.44	13,501,020	132,090	13,633,110	804
Game Commission...	117.81	55,290	100,000	155,290	--
Oregon State University.....	252.00	37,800	--	37,800	--
Division of State Lands.....	5,689.03	4,600,000	--	4,600,000	--
Military Dept.....	5.00	151,650	188,634	340,284	--
Aeronautics Div...	104.65	109,450	--	109,450	--
Highway Division Parks.....	1,910.47	937,544	1,838,131	2,775,675	1,560
Office and Maintenance...	5.60	24,505	82,757	107,262	--
Total.....	23,635.00	$19,432,259	$2,473,562	$21,905,821	$2,844

SOURCE: Legislative Fiscal Committee, Inventory of State-Owned Real Property, By County, Sec. 7, 115 State Capital, Salem, Oregon, 1970.

Table 10. Land Area in Highways, Streets, and Roads, Lincoln County

Ownership	Acres	Percent
State highways.....	2,110	38.7
County roads.....	2,945	54.0
City streets.....	395	7.2
Total.....	5,450	100.0

SOURCE: Oregon State Department of Revenue and Oregon State Highway Division, unpublished data.

Agricultural Land

In 1969 about 47,000 acres or 7.5 percent of Lincoln County was in farmland. Less than 10 percent of this farmland was harvested cropland. Over half the farmland in the county was woodland. Only about 2 percent of the farmland was under irrigation in 1969.

Table 11. Land in Farms, Lincoln County, 1964 and 1969

Item	1964		1969	
	Acres	Percent	Acres	Percent
Total land area.....	631,045	100.0	631,104	100.0
Proportion in farms.....		10.8		7.5
Acres in farms.....	68,378	100.0	47,390	100.0
Cropland harvested.....	4,723	6.9	4,533	9.6
Cropland pasture.....	6,944	10.2	8,900	18.8
Other cropland.....	685	1.0	759	1.6
Woodland including woodland pasture.....	32,238	47.1	23,830	50.3
Other land.....	23,786	34.8	9,368	19.8
Irrigated land.....	859	1.3	1,005	2.1

SOURCE: U.S. Bureau of the Census, Census of Agriculture, 1969, Vol. 1, Area Reports, Part 47, Oregon, U.S. Government Printing Office, Washington, D.C., 1972.

Forest Land

Over 90 percent of Lincoln County's area is forest land. Nearly all of this area is classified as commercial forest by the U.S. Forest Service. Commercial forest land is land which is (a) producing or capable of producing usable crops of wood; (b) economically available now or prospectively for timber harvest; and (c) not withdrawn from commercial timber use through statute or administrative regulations.

About 30 percent of the commercial forest land is national forest. Private forest industries own another 44 percent.

Douglas fir is the dominant species in Lincoln County forests. There are also substantial volumes of western hemlock and sitka spruce.

In addition to commercial timber production, forest lands in the county are used for grazing livestock, wildlife habitat, outdoor recreation, and watersheds.

Table 12. Forest Acreage, Ownership and Use, Lincoln County, 1963

Item	Acres	Percent
LAND		
Total land	630,000	100.0
Forest land	585,000	92.9
Commercial	583,000	92.5
Unproductive	1,000	1/
Productive-reserved	1,000	1/
Nonforest	45,000	7.1
OWNERSHIP		
All ownerships	583,000	100.0
National forest	169,000	29.0
Other public	47,000	8.1
Forest industry	256,000	43.9
Farmer and miscellaneous private	111,000	19.0

1/ Less than 0.05 percent.

SOURCE: U.S. Forest Service, Forest Statistics for West Central Oregon, Resource Bulletin PNW-10, Pacific Northwest Experiment Station, 1965.

Table 13. Volume of All Growing Stock and Sawtimber by Ownership, Lincoln County, 1963

Ownership	Total Commercial Growing Stock		Total Commercial Sawtimber	
	million cubic ft.	percent	million board ft.1/	percent
OWNERSHIP				
National forest.....	1,491	48.2	11,788	56.1
Other public.....	328	10.6	1,924	9.1
Forest industry.....	1,086	35.1	6,490	30.9
Farmer and misc. private.....	190	6.1	811	3.9
Total.....	3,095	100.0	21,013	100.0

1/ International 1/4 inch rule; not available by Scribner log rule.
SOURCE: U.S. Forest Service, Forest Statistics for West Central Oregon, Resource Bulletin PNW-10, Pacific Northwest Experiment Station, 1965.

Table 14. Volume of All Growing Stock and Sawtimber on Commercial Forest Land by Species, Lincoln County, 1963

Species	Growing Stock		Sawtimber	
	million cubic ft.	percent	million board ft.1/	percent
All species.....	3,095	100.0	17,289	100.0
Softwoods.....	2,632	85.0	15,323	88.6
Douglas fir.....	1,833	59.2	11,152	64.5
Lodgepole pine.....	2/	--	1	3/
Pacific silver fir...	28	0.9	131	0.8
Sitka spruce.....	208	6.7	1,257	7.3
Western hemlock.....	533	17.2	2,634	15.2
Western red cedar....	30	1.0	148	0.8
Hardwoods.....	463	15.0	1,966	11.4
Red alder.....	458	14.8	1,942	11.2
Big leaf maple.....	5	0.2	24	0.1

1/ Scribner log rule.
2/ Less than 500,000 cubic feet.
3/ Less than 0.05 percent.
SOURCE: U.S. Forest Service, Forest Statistics for West Central Oregon, Resource Bulletin PNW-10, Pacific Northwest Experiment Station, 1965.

Water

Surface drainage in Lincoln County is carried by numerous rivers and streams. The main streams are the Salmon, Siletz, Yaquina, Alsea, and Yachats Rivers. All the major streams have their headwaters on the crest of the Coast Range. They drain westward to the Pacific Ocean.

Coastal streams respond closely to the rain cycle because in many areas an impervious layer of sandstone under a thin layer of soil prevents water from soaking into the ground.

The southern part of the county is drained primarily by the Alsea River and its tributaries. The center section of the county is drained by the Yaquina and Siletz Rivers and their tributaries. The northern section of the county is drained by the Salmon River.

The Salmon River drains 62 square miles of Lincoln County; the Siletz, 212 square miles; the Yaquina, 243 square miles; the Alsea, 234 square miles; and the Yachats, 50 square miles.

The months of highest runoff, November through April, are also the highest precipitation months. This period contributes 80 percent of the average annual yield, with 50 percent coming in December through February. Only three percent of the annual yield occurs through July to September, the period of the lowest yield.

Table 15. Annual Yield of Representative Streams, Lincoln County

Stream and Gaging Point	Drainage Area sq. miles	Years of Record	Mean Annual Yield 1/	
			acre-feet 2/	acre-feet/ sq. mile
Siletz R. at Siletz.....	202	49	1,140,000	5,643
Siletz R., total.....	308	26	1,400,000	4,610
Mill Cr. near Toledo.....	4.2	9	14,550	323
Alsea R. near Tidewater..	334	29	1,105,000	3,308
Drift Cr. near Salado....	20.5	8	86,150	420
Yaquina R., total.....	253	26	780,000	3,083
Salmon R., total.....	78	26	450,000	5,780
Yachats R., total.....	61	26	240,000	3,951

1/ Annual yield of surface water is the net yield, or quantity of water, leaving a drainage area during the hydrologic, or water year, which extends from October 1 of one year to September 30 of the following year. Net yield is the precipitation on the area minus evaporation, transpiration, and net underground percolation. Average or mean annual yield actually reflects a composite of constantly changing conditions due to withdrawals from stream flow and changes in watershed characteristics.

2/ Acre-feet equals the quantity of water (43,650 cu. ft.) that covers one acre to a depth of one foot.

SOURCES: U.S. Department of the Interior, Geological Survey, Water Resources Division, Water Resources Data for Oregon, Part 1, Surface Water Records, 1968.
Oregon State Water Resources Board, Mid-Coast Basin, 1965.

Table 16. Extremes of Discharge at Selected Stations, Lincoln County

Stream and Location	Maximum Discharge		Minimum Discharge	
	Year	Flow (cfs)1/	Year	Flow (cfs)1/
Siletz R. at Siletz.....	1965	32,000	1967	48
Mill Cr. near Toledo.....	1965	609	No flow at times	
Alsea R. near Tidewater..	1964	41,800	1965	45
Drift Cr. near Salado....	1962	2,500	1958	3.8

1/ cfs - cubic feet per second.
SOURCE: U.S. Department of the Interior, Geological Survey, Water Resources Division, Water Resources Data for Oregon, Part 1, Surface Water Records, 1968.

Much of Lincoln County has poor ground water potential. The majority of the county is composed of impermeable rock units incapable of yielding large amounts of groundwater to wells.

The county can be divided into three main geological areas. The first area, covering 80 percent of the county, is represented by six tight marine sedimentary formations having low yield capabilities. They contain deposits of clay and provide less than 5 gallons per minute to individual wells.

The second area covers 15 percent of the northeast portion of the county and is composed of volcanic rocks. The shallow wells in this area average .5 gallons per minute per foot of drawdown.

The third type covers the remaining 5 percent of the county. It includes the sand dune and terrace deposits along the coast. These areas offer the best chances for development of large-yielding wells.

Because domestic water users depend on streams and shallow wells, they often have water shortages and quality problems during the summer months.

Municipal water rights include those held by water districts as well as municipalities. Rights for municipal and industrial use are sometimes used interchangeably and industries often are served by municipal systems. Group services supplied 9,500 housing units in Lincoln County in 1970.

Many of the small coastal streams, springs, and wells that are presently sources for municipal water supplies are inadequate.

During the 1964 calendar year, planning or construction was being made on Cutler City Water District, Kernville-Gleneden Beach-Lincoln Beach Water District, Seal Rock Water District, and Waldport Municipal System to enlarge their intake, further distribution, or construct reservoir facilities.

Most water systems in Lincoln County have reported water quality problems. Problems include dark color, offensive taste, and odor caused by decaying leaves and other organic material. Winter periods cause turbid water. Chlorination is provided in nearly all cases. Some systems provide sediment ponds, filtration, aeration, and chemical control.

Table 17. Public Water Systems, Lincoln County, 1964

Water System	Source	Type of Treatment 2/
Roads End W.S. 1/.....	2 springs	A
Oceanlake W.D.....	Rock Creek	A,B
Taft-Nelscott-Delake W.D.....	Schooner Ck, Ericksen Ck.	A
Cutler City W.D.....	Cordy Creek	A,B,C
Kernville-Gleneden Beach-Lincoln Beach W.D.....	2 wells	--
Depoe Bay W.D.....	Depoe Bay Cr., 1 well	A
Mirroco W.D.....	Spring	--
Otter Rock W.D.....	2 springs	--
Beverly Beach W.D.....	Spencer Cr.	A,C
Siltez Municipal Ser.....	Logan Cr., Siletz R.	A
Georgia-Pacific Corp. Camp 12 1/.....	Mill Cr.	A
Georgia-Pacific Cor. Upper Farm Hs. 1/.....	2 springs	A
Toledo Municipal Ser.....	Siletz R., Mill Cr.	A
Agate Beach W.D.....	Little Cr., 2 wells	A,B,C
Newport Municipal Ser.....	Blattner Cr., Big Cr.	A,B,C,D,E
South Beach W.D.....	Creek	A
Seal Rock W.D.....	Fall Cr. (or Hill Cr.)	A
Waldport Municipal Ser.....	Weist Cr.	A
S.W. Lincoln County W.D.....	Big Cr., Starr Cr.	A
Yachats.....	Reedy Creek	A

1/ Private water system.
2/ A - disinfection, B - sedimentation, C - filtration, D - taste and odor control
E - fluoridation.
SOURCE: Oregon State Water Resources Board, Mid-Coast Basin, 1965.

Irrigation in Lincoln County has been developed mainly by individuals. Most of the agricultural land is better adapted to sprinkler than to flood irrigation due to flooding each year, poor drainage, rolling to steep topography, and soil conditions. Individual pumps are used to pump directly from the stream channel to the irrigated land. In 1969 the U.S. Census of Agriculture reported that Lincoln County had about 1,000 acres of irrigated land in farms.

The two large industrial water users in the county are paper mills and timber processing plants. Other industrial water uses include gravel and concrete production, fish packing, evergreen processing, and milk processing.

Much of the water diverted for industrial uses is returned for further use downstream, but waste products from some manufacturing processes lower the quality of the water and contribute to its pollution.

Stream pollution within the county is intermittent and not normally a major problem. It occurs locally as a result of logging and wood processing, soil erosion, or raw sewage disposal into the stream systems.

The majority of the population centers are served by primary, septic tank, sand filter, aerobic digestion, or lagoon-type sewage treatment plants. Most of the plants are adequate, but a few need enlargement, rehabilitation of their septic tanks, or sewer line repair.

Table 18. Sewage Treatment Plants, Lincoln County, 1967

Location	Year Built	Type 1/	Design Population	Design Flow MGD 2/	Population Served	Receiving Stream
Camp Angell....	1966	AD(EF)	200	0.02	120	Big Cr.
Lincoln City						
Taft.....	1963	L	1,500	0.504	700	Schooner Cr.
Oceanlake....	1950	TF	3,000	0.210	1,400	"D" River to Ocean
Newport.....	1964	TF	11,600	1.60	5,700	Pacific O.
Salishan Beach.	1963,65	AD	500	0.05	500	Siletz Bay
Siletz.....	1944	ST	120	0.006	150	Siletz R.
Siletz Keys....	1966	AD	150	0.015	--	Siletz Bay
Toledo.....	1955	P	3,500	0.79	3,000	Yaquina R.
Waldport.....	1951,60	P	1,000	0.10	800	Alsea Bay

1/ Type: AD - aerobic digestion, L - lagoon, TF - trickling filter, ST - septic tank, P - primary treatment.
2/ MGD - million gallons per day.
SOURCE: Oregon State Sanitary Authority, Water Quality Control in Oregon, Volume I, for Calendar Years, 1966-67, 1967.

Overall use of water-based recreational facilities has been steadily increasing in the county. Increased boating, fishing, and stream or lake-oriented picnic and camping activities have expanded water-based recreation's impact on the economy.

Water needs for wildlife vary according to species and are met in most cases from streams, lakes, and marsh areas.

Table 19. Lincoln County Lakes, Bays, and Reservoirs

Area	Number	Acres
Lakes.....	19	1,046
Reservoirs.....	17	167
Bays and estuaries.....	--	5,901
Total area.....	--	7,114

SOURCE: Oregon State Water Resources Board, Mid-Coast Basin, 1965.

Minerals 1/

Mining in Lincoln County is limited to stone, sand and gravel. Igneous rock deposits in the county have supplied the material for jetties and sea walls. Sand is excavated for concrete aggregate, but it is reportedly not suited for glass making.

Although several major oil companies have drilled test wells off the coast of the county, no commercial oil deposits have been located.

Wildlife

The most numerous big game species in Lincoln County is black-tailed deer, although there are also Roosevelt elk and black bear in the mountainous areas of the county.

Table 20. Big Game Animal Population Trends, Lincoln County

Game Management Unit 1/	Miles Traveled	Animals Observed 1971	Animals Per Mile		
			1971	1970	5 yr. average 2/
Black-tailed deer					
Alsea.....	250	761	3.1	3.0	3.0
Polk.....	125	173	1.4	1.4	2.0

1/ Game management units listed are not fully contained within Lincoln County.
2/ 5 year average: 1966-1970.
SOURCE: Oregon State Game Commission, 1971 Annual Report, Oregon State Game Commission.

Game birds in the county include ring-necked pheasants, quail, grouse, pigeons, and doves. Migrating and wintering ducks and geese are found in the bays, estuaries, and lakes of the coastal areas.

The county's principal furbearing animals are muskrat, mink, beaver, and raccoon.

Lincoln County's streams have extensive fish life. Spring chinook, coho salmon, cutthroat trout, and steelhead migrate into the county annually to spawn. This run takes place in nearly every coastal stream in Lincoln County.

Streams, lakes, reservoirs, and estuaries in the county contain nearly all of the game fish species found in Oregon. Resident fish include cutthroat and rainbow trout, largemouth bass, perch, catfish, crappie, bluegill, and sunfish. Shellfish are also harvested in the county.

1/ Oregon State Water Resources Board, Mid-Coast Basin, 1965.

HUMAN RESOURCES

Population

Lincoln County's population was 26,100 in 1972 or about 26.5 persons per square mile. Approximately 47.4 percent of the population lived in urban areas while the remaining 52.6 percent lived in rural areas of the county in 1972.

The county seat and largest town, Newport, had a 1972 population of 5,380. Lincoln City was next in size with 4,510 people.

Table 21. Number of Persons by Racial Group, Lincoln County, 1970

Racial Group	Number of Persons
Total	25,755
Caucasian	25,101
Spanish Language	176
Black	58
American Indian	319
Other	101

SOURCE: Valde, Gary R. and Robert O. Coppedge, Income and Poverty Data for Racial Groups: A Compilation for Oregon Census County Divisions, Special Report 367, Oregon State University Extension Service, Corvallis, Oregon, 1972.

Table 22. Lincoln and Bordering Counties, Population and Rank Order in Oregon, 1960 and 1972

County	1960		1972	
	Rank	Population	Rank	Population
LINCOLN	17	24,635	19	26,100
Benton	12	39,165	9	59,800
Lane	2	162,890	2	227,200
Polk	16	26,523	15	37,060
Tillamook	22	18,955	23	18,400

SOURCES: U.S. Bureau of the Census, Census of Population: 1960 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1962. Center for Population Research and Census, Population Estimates of Counties and Incorporated Cities of Oregon, Portland State University, July 1972.

Table 23. Land Area and Population Density, Lincoln County, 1950, 1960, 1970

County and State	Land Area	Population Density 1950	1960	1970
	- square miles -	- persons per sq. mile -		
State of Oregon.....	96,248	15.8	18.4	21.7
LINCOLN.....	985	21.6	25.0	26.1
Benton.....	668	47.3	58.6	80.5
Lane.....	4,560	27.5	35.7	47.3
Polk.....	739	35.6	35.9	48.0
Tillamook.....	1,115	16.7	17.0	16.2

SOURCE: U.S. Bureau of the Census, Census of Population: 1950, 1960, and 1970 General Population Characteristics, Final Report PC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1951, 1961, 1971.

Lincoln County experienced rapid population growth during the 1920's. Although the county continued to grow from 1930 to 1950, the rate of growth slowed. There was a decline in population from 1960 to 1965, but more recently the county's population has grown at about 2 percent per year.

Table 24. Population Growth, Lincoln County

Year	Population	Percent Increase or Decrease Period	Percent
1910.....	5,587		
1920.....	6,084	1910-1920	8.9
1930.....	9,903	1920-1930	62.8
1940.....	14,549	1930-1940	46.9
1950.....	21,308	1940-1950	46.4
1960.....	24,635	1950-1960	15.6
1965.....	23,200	1960-1965	(5.8)
1970.....	25,755	1965-1970	11.0
1972.....	26,100	1970-1972	1.3

SOURCE: Center for Population Research and Census, Population Estimates of Counties and Incorporated Cities of Oregon, Portland State University, various years.

Table 25. Components of Change in Lincoln County's Population, 1940-1970

Year	Net Change	Natural Increase	Net Migration
1940-1950.....	6,759	1,840	4,919
1950-1960.....	3,327	3,063	264
1960-1970.....	1,120	1,239	- 119

SOURCES: U.S. Bureau of the Census, Census of Population, General Demographic Trends for Metropolitan Areas, 1960 to 1970, Final Report PHC(2) - 39, Oregon, U.S. Government Printing Office, Washington, D.C., 1971. Oregon State Board of Census, Components of Population Growth, Population Bulletin P-3, 1961.

Table 26. Urban and Rural Population, Lincoln County 1/

Year	Urban		Rural	
	Population	Percent Change	Population	Percent Change
1950.....	3,241		18,067	
1960.....	8,397	159.1	16,238	-10.1
1970.....	12,204	45.3	13,551	-16.6

1/ The urban population comprises all persons living in urbanized areas and in places of 2,500 inhabitants or more outside urbanized areas. The population not classified as urban constitutes the rural population.

SOURCE: U.S. Bureau of the Census, Census of Population: 1960 and 1970 Number of Inhabitants, Final Report PC(1) - A39, Oregon, U.S. Government Printing Office, Washington, D.C., 1961, 1971.

Table 27. Population Estimates of Incorporated Cities, Lincoln County, 1960, 1965, 1971, 1972

City and County	1960	1965	1971	1972
Lincoln County.....	24,635	23,200	25,840	26,100
Lincoln City.....	2,702	3,622	4,420	4,510
Newport.....	5,344	5,700	5,300 1/	5,380
Siletz.....	583	548	625	625
Toledo.....	3,053	2,825	2,930	2,945
Waldport.....	667	777	710	720
Yachats.....	NA*	NA	450	460
Incorporated area.....	12,349	13,472	14,435	14,640
Unincorporated area.....	12,286	9,728	11,405	11,460

1/ Includes population annexed from April 1, 1970 to June 30, 1971.

*NA - not available.

SOURCE: Center for Population Research and Census, Population Estimates of Counties and Incorporated Cities of Oregon, Portland State University, various years.

In 1970 about 33 percent of Lincoln County's population was 18 years old or under while over 16 percent was 65 years or over.

Table 28. Population by Age and Sex, Lincoln County, 1960 and 1970

Age Group	Male		Female		Total		Percent	
	1960	1970	1960	1970	1960	1970	1960	1970
Total population.	12,458	12,652	12,717	12,885	24,635	25,755	100.0	100.0
Under 5....	1,346	805	1,241	847	2,587	1,652	10.5	6.4
5-9....	1,317	1,071	1,312	1,056	2,629	2,127	10.7	8.3
10-14....	1,199	1,261	1,133	1,209	2,332	2,425	9.5	9.4
15-19....	784	1,189	833	1,095	1,617	2,284	6.6	8.9
20-24....	501	618	572	675	1,073	1,293	4.4	5.0
25-34....	1,254	1,162	1,319	1,216	2,753	2,378	10.4	9.2
35-44....	1,602	1,241	1,559	1,355	3,161	2,596	12.8	10.1
45-54....	1,576	1,590	1,475	1,759	3,051	3,349	12.4	13.0
55-64....	1,292	1,674	1,300	1,836	2,592	3,510	10.5	13.6
65 and over....	1,587	2,086	1,433	2,055	3,020	4,141	12.3	16.1
Median age.....	33.7	37.3	32.7	38.5	33.7	38.0		

SOURCE: U.S. Bureau of the Census, Census of Population: 1960 and 1970 General Population Characteristics, Final Report PC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1961, 1971.

Table 29. Population of Selected Cities by Age and Sex, Lincoln County, 1960 and 1970

Age Group	Lincoln City		Newport		Toledo	
	1960	1970	1960	1970	1960	1970
Under 5.....	NA*	203	NA	375	NA	267
5-14.....	"	535	"	1,333	"	601
15-24.....	"	437	"	810	"	445
25-34.....	"	311	"	584	"	298
35-44.....	"	325	"	578	"	308
45-54.....	"	539	"	709	"	391
55-64.....	"	693	"	615	"	241
65 and over.....	"	1,155	"	559	"	267
Total population....	2,702	4,198	5,344	5,188	3,053	2,818
Male.....	NA	1,953	NA	2,477	NA	1,380
Female.....	"	2,245	"	2,711	"	1,438

SOURCE: U.S. Bureau of the Census, Census of Population: 1960 and 1970 General Population Characteristics, Final Report PC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1961, 1971.

*NA - not available.

Employment

The Oregon State Department of Employment reported that the 1971 annual average labor force in Lincoln County was 9,420 people or 36.4 percent of the total population. At that time the unemployment rate was 7.8 percent or 740 unemployed.

The 1970 Census of Population shows that 9,030 people were employed in the county out of a total work force of 9,892. About 22.0 percent were employed in manufacturing. Lumber and wood products employed 9.2 percent alone. Other important employers were: retail trade, 21.4 percent; personal services, 10.6 percent; agriculture, forestry, and fisheries, 6.2 percent; educational services, 6.5 percent; and construction, 5.9 percent.

Table 30. Employment Status, Lincoln County and Newport, 1960 and 1970

Subject	Lincoln County		Newport	
	1960	1970 1/	1960	1970 1/
Total males, 14 years and over.....	8,762	9,289	1,876	1,767
Total labor force.....	6,303	6,240	1,493	1,335
Armed forces.....	37	42	25	10
Civilian labor force.....	6,266	6,198	1,468	1,325
Employed.....	5,982	5,660	1,420	1,211
Unemployed.....	284	538	48	114
Not in labor force.....	2,458	3,049	383	432
Inmate of institution.....	28	64	NA*	NA
Enrolled in school.....	555	468	"	"
Other.....	1,876	2,517	"	"
Total females, 14 years and over...	8,686	9,644	1,878	1,865
Total labor force.....	2,507	3,652	623	806
Employed.....	2,368	3,370	604	754
Unemployed.....	139	282	19	52
Not in labor force.....	6,179	5,992	1,255	1,059
Inmate of institution.....	36	43	NA	NA
Enrolled in school.....	666	307	"	"
Other.....	5,477	5,642	"	"
Married (husbands present), in labor force.....	1,784	2,314	"	"

*NA - not available.
1/ 16 years and over.
SOURCE: U.S. Bureau of the Census, Census of Population: 1960 and 1970 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1962, 1972.

Table 31. Industry Group of Employed, Lincoln County, 1960 and 1970

Industry	Number Employed 1960	1970
Agriculture	283	563
Forestry and fisheries	182	
Mining	40	50
Construction	592	534
Manufacturing	2,724	1,983
Lumber and wood products	2,124	836
Food and kindred products	181	208
Other	419	939
Transportation	337	253
Communications	140	95
Wholesale trade	146	145
Retail trade	1,367	1,937
Business services	217	522
Personal services	621	954
Hospitals	62	360
Educational services	440	587
Professional and related services	273	285
Public administration	305	437
Utilities and sanitary services	101	170

SOURCE: U.S. Bureau of the Census, Census of Population: 1960 and 1970 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1962, 1972.

Table 32. Percent of Age Group in Labor Force, Lincoln County, 1970

Age Group	Lincoln County Male	Female
Years		
14-15	13.8	13.1
16-17	42.6	40.7
18-19	71.8	64.6
20-21	91.1	59.2
22-24	92.1	38.2
25-34	94.2	40.1
35-44	93.9	56.1
45-64	77.7	42.1
65 and over	19.2	10.3

SOURCE: U.S. Bureau of the Census, Census of Population: 1970 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1971.

Table 33. Lincoln County Occupations, 1970

Occupation	Number Employed		
	Male	Female	Total
Total employed, 16 years and over..	5,660	3,370	9,030
Professional, technical, and kindred workers.....	532	314	846
Engineers.....	NA*	NA	31
Physicians and related practitioners.....	NA	NA	64
Other health workers.....	NA	NA	76
Teachers.....	357	123	234
Technicians, except health.....	33	13	46
Other professional workers.....	294	101	395
Managers and administrators.....	785	311	1,096
Sales workers.....	320	352	672
Clerical and kindred workers.....	197	915	1,112
Craftsmen and kindred workers....	1,080	21	1,101
Operative except transport.....	831	283	1,114
Transport.....	310	19	329
Laborers except farm.....	855	34	889
Farmers and farm managers.....	99	--	99
Farm laborers.....	64	6	70
Service workers.....	587	1,036	1,623
Cleaning service.....	251	196	447
Food service.....	203	628	831
Health service.....	--	109	109
Personal service.....	32	70	102
Protective service.....	86	12	98
Private household.....	--	79	79

*NA - not available.

SOURCE: U.S. Bureau of the Census, Census of Population: 1970 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1972.

Table 34. Number of Hired Seasonal Workers in Agriculture by Type of Worker, Lincoln County, 1965 and 1971, Midmonth Figures

Month	Local		Intrastate Migratory		Interstate Migratory	
	1965	1971	1965	1971	1965	1971
May.....	FIGURES ARE NOT PUBLISHED BY STATE EMPLOYMENT DIVISION FOR LINCOLN COUNTY AREA					
June.....						
July.....						
August.....						
September.....						
October.....						

SOURCES: Oregon State Department of Employment, 1965 Oregon Farm Labor Report, 1966.
Oregon State Department of Human Resources, Employment Division, 1971 Annual Rural Manpower Report, 1972.

Table 35. Annual Average Labor Force in Lincoln County, 1968-1971

Industry	Number of Persons			
	1968	1969	1970	1971
Civilian labor force.....	9,100	9,140	9,400	9,420
Workers in labor management disputes..	0	0	0	10
Unemployment.....	520	570	740	740
Percent of labor force.....	5.7	6.2	7.9	7.8
Employment.....	8,580	8,570	8,660	8,670
Agricultural.....	260	250	230	230
Nonagricultural.....	8,320	8,320	8,430	8,440
Self-employed, unpaid family and domestics.....	1,140	1,120	1,130	1,120
Wage and salary workers.....	7,180	7,200	7,300	7,320
Manufacturing.....	1,990	1,900	1,790	1,730
Lumber and wood.....	1,150	1,080	760	750
Paper.....	NA*	520	660	660
Other.....	840	300	370	320
Nonmanufacturing.....	5,190	5,300	5,510	5,590
Contract construction.....	260	240	240	320
Transportation, communication, and utilities.....	460	410	380	370
Wholesale and retail trade.....	1,480	1,450	1,490	1,520
Finance, insurance, real estate...	360	400	410	340
Service and miscellaneous.....	1,160	1,200	1,330	1,320
Government.....	1,470	1,600	1,660	1,720

*NA - not available.
SOURCE: Oregon State Department of Human Resources, Employment Division, Labor Force and Employment in Oregon by County 1968 through 1971 publications, Research and Statistics Section, 1969, 1972.

Table 36. Median Earnings of Selected Occupation Groups, Lincoln County, 1959 and 1969

Occupation Group	1959	1969
Male, total with earnings	$4,705	$7,028
Professional, managerial, and kindred workers	5,304	8,507
Farmers and farm managers	--	4,000
Craftsmen, foremen, and kindred workers	5,240	7,725
Operatives and kindred workers	4,781	7,230
Farm laborers	--	875
Laborers, excluding farm and mine	4,266	5,777
Female, total with earnings	$1,310	$2,525
Clerical and kindred workers	2,093	3,431
Operatives and kindred workers	835	1,724

SOURCE: U.S. Bureau of the Census, Census of Population: 1960 and 1970 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1962, 1972.

Table 37. Covered Payrolls and Employment by Industry, Lincoln County, 1970 and 1971

Industry	Average Employment 1970	Average Employment 1971	Annual Payroll 1971
Agriculture, forestry, and fisheries	1/	10	$ 46,074
Mining	46	36	276,194
Contract construction	237	224	1,705,199
Lumber and wood products manufacturing	923	761	6,400,087
Food and kindred products manufacturing	253	204	727,341
Other manufacturing	623	796	8,051,284
Transportation, communication, gas, electric, and sanitary services	369	362	2,908,355
Wholesale and retail trade	1,488	1,576	7,083,332
Finance, insurance, and real estate	258	209	1,324,784
Services and miscellaneous	1,033	1,015	3,434,357
Government	455	484	4,446,721
Yearly total	5,695	5,683	$36,429,537

1/ Not published.

SOURCE: Oregon State Department of Human Resources, Employment Division, Oregon Covered Covered Employment and Payrolls, 1970 and 1971, Summary Data, Research and Statistics Section, 1971, 1972.

Table 38. Number and Percent of Persons Unemployed in Lincoln and Bordering Counties, 1968 and 1971

County	Number of People		Percent of Labor Force	
	1968	1971	1968	1971
LINCOLN.....	520	740	5.7	7.8
Benton.....	810	1,230	3.7	5.2
Lane.....	4,250	6,600	5.1	7.2
Salem area 1/.....	4,000	5,400	5.6	6.8
Tillamook.....	310	470	4.9	7.2

1/ Includes Polk and Marion Counties.
SOURCE: Oregon State Department of Human Resources, Employment Division, Labor Force and Employment in Oregon by County 1968 and 1971 publications, Research and Statistics Section, 1969, 1972.

Table 39. Major Occupation Group of Unemployed, Lincoln County, 1960 and 1970

Occupation	Number of Persons	
	1960	1970
Professional, technical, and kindred workers.	7	50 1/
Farmers and farm managers.....	0	NA*
Managers, officials and proprietors, excluding farm.....	4	NA
Clerical and kindred workers.....	19	71
Sales workers.....	18	37
Craftsmen, foremen, and kindred workers.....	57	161
Operatives and kindred workers.....	90	110
Service workers, including private household.....	87	161
Farm laborers.....	17	16
Laborers, excluding farm and mine.....	101	166

*NA - not available.
1/ Includes managerial workers.
SOURCE: U.S. Bureau of the Census, Census of Population: 1960 and 1970 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1962, 1972.

Table 40. Local Government Employees and Payroll, Lincoln County, October 1967

Item	Employees and Earnings
Employees	1,206
Full-time only	845
Full-time equivalent employment	913
Education	476
Teachers only	332
Functions other than education	437
Highways	54
Public welfare	--
Hospitals	59
Health	13
Police protection	38
Fire protection	10
Sewerage	7
Sanitation other than sewerage	--
Parks and recreation	3
Natural resources	--
Housing and urban renewal	2
Correction	2
Libraries	2
Financial administration	35
General control	51
Water supply	31
Other local utilities	119
Other and unallocable	11
October payroll	$512,000
Education	274,000
Teachers only	212,000
Functions other than education	238,000
Average monthly earnings, full-time employment	
Teachers	$637
Others	521

SOURCE: U.S. Bureau of the Census, Census of Governments, 1967, Vol. 3, No. 2, Compendium of Public Employment, U.S. Government Printing Office, Washington, D.C., 1969.

Income

Table 41. Net Effective Buying Income Estimates, Lincoln County, 1967 and 1970 1/

Area	Net Dollars		Per Household	
	1967	1970	1967	1970
	- thousand dollars -		- dollars -	
Oregon.....	$5,224,888	$6,650,690	$8,113	$9,440
Lincoln County.....	52,134	71,405	6,771	7,678

1/ Net effective buying income includes wages, salary, interest, dividends, profits, and property income minus federal, state, and local taxes.
SOURCE: Bureau of Business and Economic Research, Oregon Economic Statistics 1969 and 1972, University of Oregon, 1969, 1972.

Table 42. Bank Debits and Deposits, Lincoln County, 1965-1970

Year	Bank Debits 1/	Bank Deposits
	- - - thousand dollars - - -	
1965.....	$127,936	$30,762
1966.....	133,987	33,072
1967.....	148,383	37,745
1968.....	160,871	42,969
1969.....	237,511	44,784
1970.....	263,323	51,028

1/ Bank debits represent the dollar value of checks drawn against deposit accounts of individuals and businesses. Included are debits to demand deposit accounts of individuals, business firms, and state and other political subdivisions, and payments from escrow or trust accounts. Excluded are debits to U.S. Government, interbank, time and savings accounts, and several other categories of accounts.
SOURCE: Bureau of Business and Economic Research, Oregon Economic Statistics 1969 and 1972, University of Oregon, 1969, 1972.

Table 43. Income and Poverty Data for Racial Groups, Lincoln County, 1970

Item	Number	Percent
Mean Income		
Families:		
All races	$9,031	1/
Caucasian	9,069	
Spanish Language	9,860	
Black	8,150	
Other	4,597	
Unrelated individuals:		
All races	$3,232	
Caucasian	3,355	
Spanish Language	1,400	
Black	742	
Other	974	
Families by Family Income Class		
All races:		
under $3,999	1,598	22.15
$4,000-$5,999	970	13.44
$6,000-$11,999	3,100	42.97
$12,000+	1,547	21.44
total	7,215	100.00
Caucasian:		
under $3,999	1,553	21.83
$4,000-$5,999	966	13.58
$6,000-$11,999	3,057	42.97
$12,000+	1,538	21.62
total	7,114	100.00
Spanish Language:		
under $3,999	7	23.33
$4,000-$5,999		
$6,000-$11,999	18	60.00
$12,000+	5	16.67
total	30	100.00
Black:		
under $3,999		
$4,000-$5,999		
$6,000-$11,999	6	100.00
$12,000+		
total	6	100.00
Other:		
under $3,999	38	58.46
$4,000-$5,999	4	6.16
$6,000-$11,999	19	29.23
$12,000+	4	6.15
total	65	100.00

Table 43, cont. Income and Poverty Data for Racial Groups, Lincoln County, 1970.

Item	Number	Percent
Income Below Poverty Level (bpl)		
Families bpl		
All races.....	792	100.00
Caucasian.....	757	95.58
Spanish Language.....	7	0.89
Black.....		
Other.....	28	3.53
Persons in families bpl.....	2,594	
Unrelated individuals bpl		
Under 65.....	627	
65 and over.....	561	
Male family head, 14-64 yrs., bpl		
Employed.....	205	
Unemployed.....	36	
Not in labor force.....	146	
Female family heads bpl in labor force with children below 6 yrs..	35	
Income source of families and unrelated individuals bpl		
Earnings.....	792	
Social security or railroad retirement.....	910	
Public assistance or welfare.....	262	

1/ Blank spaces indicate a zero, suppressed data, or not applicable.

SOURCE: Valde, Gary R. and Robert O. Coppedge, Income and Poverty Data for Racial Groups: A Compilation for Oregon Census County Divisions, Special Report 367, Oregon State University Extension Service, Corvallis, Oregon, 1972.

Table 44. Formal Education Facilities, Lincoln County, 1968-69 and 1971

School District, Type School, and Number of Each Type	Enrollment 1/ 1968-69	Enrollment 1/ 1971	High School Graduates, 1971
Lincoln County School District			
Elementary - 14.....	3,394	2,808	---
Junior high - 3.....	510	908	---
High school - 6.....	1,799	1,903	427
County totals			
Elementary - 14.....	3,394	2,808	---
Junior high - 3.....	510	908	---
High school - 6.....	1,799	1,903	427
County grand total - 23.....	5,703	5,619	427

1/ Average daily membership. Enrollments may vary from year to year partially because student loads were shifted from one district to another.

SOURCES: Oregon Board of Higher Education, Summary of Pupil Personnel for the Fiscal Year Ending June 30, 1969, 1971-72 Oregon School - Community College Directory, and 1971 Oregon Public High School Graduates, School Finance and Statistical Services.

Table 45. Racial and Ethnic Distribution of Public School Enrollment by School District, Lincoln County, 1972

District	White	Black	American Indian	Spanish Surname	Other 1/	Total
	- - - - - - - - number of students - - - - - - - -					
Lincoln County Unit.	4,966	6	91	31	27	5,121
Total.....	4,966	6	91	31	27	5,121

1/ Includes Japanese, Chinese, Filipino, and others.

SOURCE: Compiled from Oregon Board of Education reports by Oregon State University Extension Service.

Table 46. Years of School Completed by Population 25 Years and Over, Lincoln County, 1970

Education	Number Males	Number Females	Total	Percent
Total, 25 years and over.....	7,751	8,224	15,975	100.0
No school years completed...	74	46	120	0.8
Elementary: 1-4 years.....	166	58	224	1.4
5-7 years.....	772	472	1,244	7.8
8 years.....	1,344	1,155	2,499	15.6
High school: 1-3 years.....	1,508	1,763	3,271	20.5
4 years.....	2,311	3,286	5,597	35.0
College: 1-3 years.....	881	959	1,840	11.5
4 yrs. or more.	695	485	1,180	7.4
Median school years completed.	12.0	12.2	--	--

SOURCE: U.S. Bureau of the Census, Census of Population: 1970 General Social and Economic Characteristics, Final Report PC(1) - C39, Oregon, U.S. Government Printing Office, Washington, D.C., 1972.

Table 47. Lincoln County Residents Enrolled in Oregon Higher Education Institutions, Fall 1971

Institution	Number Enrolled
Total enrolled.....	457
Eastern Oregon College.....	9
Oregon College of Education.....	74
Oregon State University.....	146
Portland State University.....	19
Southern Oregon College.....	25
University of Oregon.....	82
Oregon Technical Institute.....	18
University of Oregon Dental School....	--
University of Oregon Medical School...	4
Total in private and independent institutions.....	40
Total in public community colleges....	40

SOURCE: Oregon Educational Coordinating Council, Post Secondary Enrollment in Oregon, An Analysis of the Statewide Student Enrollment Data Survey, 1972.

Table 48. Youth Organizations, Lincoln County

Organization	Membership
Boy Scouts	287
Camp Fire Girls	NA*
4-H	579
Future Farmers	20
Girl Scouts	364
YMCA	1/
YWCA	1/

*NA - not available.
1/ No chapter in county.
SOURCES: Boy Scouts, August 1973 figure, Oregon Trail Council, Eugene office, unpublished data; 4-H, 1972 figure, State Extension Office, 4-H Division, unpublished data; FFA, 1972 figure, State Department of Education, unpublished data; Girl Scouts, April 1973 figure, Santiam Council, Salem office, unpublished data.

Although Lincoln County operates no correctional institutions of its own, it is served by four state correctional institutions in Marion County. These include training schools for socially maladjusted boys between 12 and 18 years of age and girls between the ages of 12 and 21.

Table 49. Felonies and Juvenile Delinquency, Lincoln County, 1968

Subject	Number
Commitments to felony and correctional institutions, 1967-68	
Total commitments	27
Oregon State Penitentiary	5
Oregon State Correctional Institution	12
MacLaren (boys' training school) 1/	6
Hillcrest (girls' training school) 1/	4
Juvenile court cases, 1968	
All cases	753
Delinquency	719
Traffic	0
Other	34

1/ 1968 figures taken from Oregon State Department of Human Resources, Children Services Division, Adolescent Population and Commitment Data by County, by Calendar Year 1967-1970.
SOURCE: Oregon State Executive Department, Program Planning Division, District Facts, 1970.

Health and Vital Statistics

The following tables indicate the numbers of health care facilities and health personnel located in Lincoln County. Except for pharmacists, there are fewer health personnel per capita in Lincoln County than for the state as a whole. Health facilities have generally been considered adequate by the Oregon State Board of Health to meet the county's needs, including the additional load caused by summer tourism.

Table 50. Existing Medical Facilities, Number of Existing Beds, and Number of Beds Needed, Lincoln County, 1971 1/

Category and Community	Number of Facilities		Number of Beds	
	Existing	Needed	Existing	Needed
General hospitals				
Lincoln City.....	1	1	40	19
Newport.....	1	1	36	36
Toledo.....	1	1	21	21
Long-term care facilities				
Lincoln City.....	2	2	45	62
Newport.....	1	1	20	20
Toledo.....	1	1	20	20
Diagnostic and treatment centers				
Lincoln City.....	1	1	--	--
Newport.....	1	1	--	--
Toledo.....	1	1	--	--

1/ Mental facilities: the state plan of the Mental Health Division is made a part of this plan by reference.
Tuberculosis hospitals: none
Rehabilitation facilities: no facilities are programmed beyond the services in area hospitals.

SOURCE: Oregon State Board of Health, Oregon Plan for Construction and Modernization of Hospitals, Public Health Centers and Medical Facilities, 1971 Annual Revision, Health Facility Planning and Construction Section, 1971.

Table 51. Diagnostic or Treatment Center Facilities,1/ Lincoln County, 1970

Name	Location	Outpatient Visits During Year
North Lincoln Hospital.....	Lincoln City	863

1/ A diagnostic and treatment center receives outpatients, has facilities for examination of patients by a physician or dentist, or has x-ray and clinical laboratory services available.

SOURCE: Oregon State Board of Health, Oregon Plan for Construction and Modernization of Hospitals, Public Health Centers and Medical Facilities, 1971 Annual Revision, Health Facility Planning and Construction Section, 1971.

Table 52. Percent Occupancy of Existing Medical Facilities, Lincoln County, 1969

Name of Facility	Location	Total Capacity	Percent of Occupancy
General hospitals			
North Lincoln Hospital.....	Lincoln City	40	42
Pacific Community Hospital.....	Newport	36 1/	59
New Lincoln Hospital.....	Toledo	21 1/	49
Long-term care facilities 2/			
North Lincoln Nursing Home.....	Lincoln City	10 3/	61
Pacific Community Nursing Home...	Newport	20 4/	35
New Lincoln Nursing Home.....	Toledo	20 4/	78
Driftwood Nursing Home 5/.....	Lincoln City	24	98
Taft Heights Nursing Home.....	Lincoln City	35	88
Tuberculosis hospitals			
None			

1/ Excludes long-term care beds.
2/ There are no convalescent hospitals in the area.
3/ Fifteen long-term care beds have been converted to acute care.
4/ Excludes acute-care beds.
5/ This facility does not have skilled nursing care.
SOURCE: Oregon State Board of Health, Oregon Plan for Construction and Modernization of Hospitals, Public Health Centers and Medical Facilities, 1971 Annual Revision, Health Facility Planning and Construction Section, 1971.

Table 53. Number of Licensed Medical Personnel and Ratio of Population Per Professional, Lincoln County, 1969

Profession	Lincoln County		State
	Number	Ratio 1/	Ratio 1/
Medical doctors and doctors of osteopathy....	22	1,142	770
Dentists.....	11	2,285	1,470
Registered nurses.....	65	387	276
Licensed practical nurses.....	9	2,792	1,002
Pharmacists.....	19	1,323	1,375

1/ Ratio figure equals population per professional in particular category.
SOURCE: Oregon State Executive Department, Program Planning Division, District Facts, 1970.

Table 54. Number of Admissions to State Psychiatric Hospitals and Mental Health Clinics and Ratio per 100,000 Population, Lincoln County, 1968-69

Facility	Lincoln County		State
	Number	Ratio	Ratio
Psychiatric hospitals.....	75	298	134
Mental health clinics.....	230	915	460

SOURCE: Oregon State Executive Department, Program Planning Division, District Facts, 1970.

During the 1969 fiscal year, Lincoln County allocated $142,184 to its county health budget or $5.66 per capita. This compares with $5.70 spent per capita on the average by all counties in the state. 1/

From 1968 to 1971 Lincoln County's birth rate fell to 15 percent below the state birth rate while the county's death rate rose to 35 percent above the state rate. In both 1968 and 1971 the county's accidental death rate was above the state's.

Table 55. Births and Deaths by Major Category, Lincoln County, 1968 and 1971

Category	Lincoln County				State
	Number		Rate		Rate
	1968	1971	1968	1971	1971
All births 1/.....	357	342	14.2	13.2	15.6
All deaths 1/.....	294	327	11.7	12.7	9.4
Illegitimate births 2/.....	30	31	84.0	90.6	78.1
Premature births 2/.....	20	21	56.0	61.4	57.4
Infant deaths 2/.....	5	8	14.0	23.4	18.4
Accidental deaths 3/.....	31	30	123.7	116.1	61.3

1/ Rates per 1,000 population.
2/ Rates per 1,000 live births.
3/ Rate per 100,000 population.
SOURCES: Oregon State Department of Human Resources, Oregon State Health Division, 1968 Statistical Report, 1969 and Vital Statistics Annual Report, Vital Statistics Section, 1971.

1/ Oregon State Executive Department, Program Planning Division, District Facts, 1970.

Table 56. Health Statistics, Lincoln County, 1971

Item	Lincoln County Number	Lincoln County Rate 1/	State Rate 1/
Morbidity			
Tuberculosis	2	7.7	11.6
Syphilis	--	--	5.3
Gonorrhea	38	147.1	422.0
Influenza	58	224.5	1,171.7
Hepatitis, infectious	20 2/	82.0 2/	45.1 2/
Mealses (Rubella)	29	112.2	18.1
Deaths from all causes	327	12.7 3/	9.4 3/
Malignant neoplasms (cancer)	53	205.1	168.4
Diabetes mellitus	9	34.8	13.3
Heart diseases	116	448.9	349.6
Cerebrovascular diseases	43	166.4	110.9
Arteriosclerosis	4	15.5	21.2
Other cardiovascular diseases	1	3.9	17.3
Influenza and pneumonia	12	46.4	26.4
Bronchitis, emphysema, asthma	12	46.4	26.9
Peptic ulcer	1	3.9	4.3
Cirrhosis of liver	6	23.2	15.8
Congenital anomalies	1	3.9	8.2
Certain infancy mortality causes	6	23.2	14.7
All other diseases	26	100.6	76.9
Accidents	30	116.1	61.3
Suicide	5	19.3	14.9
Homicides	1	3.9	3.8

1/ Rate per 100,000 population.
2/ 1966-68 average taken from Office of the Governor, Planning Division, Health Facts, 1969.
3/ Rate per 1,000 population.
SOURCE: Oregon State Department of Human Resources, Oregon State Health Division, Vital Statistics Annual Report, Vital Statistics Section, 1971.

Table 57. Public Welfare Payments for Assistance, Lincoln County, August 1972

Category	Number of Cases	Average Payments
Cases receiving non-medical payments		
Old Age Assistance	100	$ 56.92
Aid to the Blind	11	75.55
Aid to the Disabled	69	84.23
Aid to Dependent Children 1/	768	37.92
General Assistance	13	77.08
Foster Care	NA*	NA
Physicians services 1/		
OAA	23	$ 12.81
AB	2	7.13
AD	26	35.30
ADC	143	19.24
GA	12	64.89
FC	14	12.43
Hospital payments 1/		
OAA	2	$307.05
AB	2	283.53
AD	2	606.35
ADC	13	565.10
GA	7	416.14
FC	2	180.59
Drug payments 1/		
OAA	95	$ 16.88
AB	8	21.66
AD	35	19.07
ADC	110	7.12
GA	13	24.57
FC	11	5.88

*NA - not available.
1/ Persons, not cases.
SOURCE: Oregon State Department of Human Resources, Public Welfare Division, Public Welfare in Oregon, August 1972.

Table 58. Average Monthly Public Welfare Payments by Type of Service, Lincoln County, Fiscal Years 1968-69 and 1971-72

Type of Service	Average Payment Per Case 1968-69	1971-72
Old Age Assistance.....	$ 53.31	$ 59.07
Aid to the Disabled.....	80.87	126.41
Aid to the Blind.....	52.66	87.19
General Assistance.....	54.62	65.74
Aid to Dependent Children 1/		
UN 2/.....	34.82	46.63
Basic 2/.....	41.10	47.67

1/ Payment per person, not case.
2/ The UN figure represents payments to families where the male parent is in the home but unemployed. The basic figure represents all others.
SOURCE: Unpublished data received from Sondra Lipman, Oregon Public Welfare Division, Research and Statistics Section, May 1973.

The State of Oregon operates three special schools for the handicapped, all located at Salem in Marion County. The School for the Blind provides special education for approximately 100 children with acute vision problems in a boarding school situation. The School for the Deaf provides parallel training for severely handicapped children from four years of age through high school. Oregon Fairview Home provides in- and out-patient training for mentally deficient minors and adults.

Housing

Table 59. Housing Occupancy and Facilities for Places with Over 2,500 Inhabitants, Lincoln County, 1970

Subject	Lincoln City		Newport		Toledo	
	Number	Percent	Number	Percent	Number	Percent
Occupancy						
All year-round housing units.....	2,522	100.0	2,130	100.0	1,052	100.0
Owner occupied.....	1,236	48.4	1,094	51.4	583	55.4
Renter occupied....	566	22.2	714	33.5	369	35.1
Vacant year-round..	750	29.4	322	15.1	100	9.5
Facilities						
Telephone available..	1,499	58.7	1,478	69.4	774	73.6
Air conditioning.....	40	1.6	12	0.6	27	2.6
Median gross rent of renter occupied 1/...	$90	--	$101	--	$86	--

1/ Excludes one-family homes on 10 acres or more.
SOURCE: U.S. Bureau of the Census, Census of Housing: 1970 Detailed Housing Characteristics, Final Report HC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1972.

Table 60. Housing Occupancy and Facilities, Lincoln County, 1970

Subject	Lincoln County		State
	Number Units	Percent	Percent
Occupancy			
All housing units	12,521	100.0	100.0
Vacant-seasonal or migratory	793	6.3	1.3
Owner occupied	6,690	53.4	61.3
Renter occupied	2,675	21.4	31.5
Vacant year-round	2,363	18.9	5.9
Population in housing units per unit			
Owner occupied	2.2	--	--
Renter occupied	2.2	--	--
Persons per room			
All occupied units	9,365	100.0	100.0
1.00 or less	8,845	94.4	94.7
1.01 to 1.50	403	4.3	4.2
1.51 or more	117	1.2	1.1
Facilities			
Lacking some or all plumbing facilities	433	4.6	3.6
Telephone available	7,848	83.8	89.5
Air conditioning	175	1.9	10.3
	- number -		- number -
Median number of rooms	4.5		5.0
Median value 1/	$13,600		$11,300
Median gross rent 2/	$ 91		$107

1/ Specified owner occupied. Limited to one-family homes on less than 10 acres and no business on property.

2/ Specified renter occupied. Excludes one-family homes on 10 acres or more.

SOURCE: U.S. Bureau of the Census, Census of Housing: 1970 Detailed Housing Characteristics, Final Report HC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1972.

THE COUNTY'S ECONOMY

Lumbering, tourism, fishing, and agriculture are the major components of Lincoln County's economy. Although employment in agriculture and fishing has declined in recent years, the county's tourist industry has grown. Food processing, particularly seafood processing, is a major employer.

Agriculture

Agricultural sales in Lincoln County were over $2.3 million during 1970. Beef cattle contributed most to these sales while farm forest products were second in importance. Horticultural specialty crops, particularly ornamental nursery stock, do well in the county and are significant income sources. Dairy and poultry products and berries are also important.

Nearly 43 percent of the county's farms were classified as part-time by the 1969 U.S. Census of Agriculture.

Table 61. Farm Size and Value, Lincoln County, 1959, 1964, and 1969

Subject	1959	1964	1969
Approximate acres of land area.....	630,400	631,045	631,104
Proportion in farms.....	12.3%	10.8%	7.5%
Total number of farms.....	504	504	258
Acres in farms.....	77,707	68,378	47,390
Average size of farms.....	154.2	135.7	183.6
Value of land and buildings			
Average per farm.....	$21,802	$29,225	$57,831
Average per acre.....	$150.46	$221.56	$314.84

SOURCE: U.S. Bureau of the Census, Census of Agriculture, 1964 and 1969, Vol. 1, Area Reports, Part 47, Oregon, U.S. Government Printing Office, Washington, D.C., 1967, 1972.

Table 62. Farm Operators by Tenure, Lincoln County, 1959, 1964, and 1969

Tenure	1959	1964	1969
Full owners.....	406	433	215
Part owners.....	60	48	34
Managers.....	2	1	--
Tenants.....	36	22	9
Total operators.....	504	504	258

SOURCE: U.S. Bureau of the Census, Census of Agriculture, 1964 and 1969, Vol. 1, Area Reports, Part 47, Oregon, U.S. Government Printing Office, Washington, D.C., 1967, 1972.

Table 63. Farm Operators by Age and Years of School Completed, Lincoln County, 1959, 1964, and 1969

Subject	1959	1964	1969
Average age (years).....	50.9	51.9	53.9
Farm operators 65 years and over...	88	90	38
Years of school completed:			
Elementary: 0-4 years.....	NA*	7	NA
5-7 years.....	"	34	"
8 years.....	"	154	"
High school: 1-3 years.....	"	96	"
4 years.....	"	171	"
College: 1-3 years.....	"	26	"
4 years or more.....	"	16	"

*NA - not available.
SOURCE: U.S. Bureau of the Census, Census of Agriculture, 1964 and 1969, Vol. 1, Area Reports, Part 47, Oregon, U.S. Government Printing Office, Washington, D.C., 1967, 1972.

In 1969 about 19 percent of Lincoln County's farms were 260 acres or larger. Nearly 27 percent were under 50 acres.

Table 64. Number and Percent of Farms by Size, Lincoln County, 1959, 1964, and 1969

Size	Number			Percent		
	1959	1964	1969	1959	1964	1969
Less than 10 acres.....	32	25	13	6.3	5.0	5.0
10 to 49 acres.....	132	163	56	26.2	32.3	21.7
50 to 69 acres.....	40	40	26	7.9	7.9	10.1
70 to 99 acres.....	63	76	25	12.5	15.1	9.7
100 to 139 acres.....	57	48	23	11.3	9.5	8.9
140 to 179 acres.....	49	46	27	9.7	9.1	10.5
180 to 219 acres.....	25	23	23	5.0	4.6	8.9
220 to 259 acres.....	19	15	16	3.8	3.0	6.2
260 to 499 acres.....	61	46	31	12.1	9.1	12.0
500 to 999 acres.....	19	15	12	3.8	3.0	4.6
1,000 to 1,999 acres.....	7	7	5	1.3	1.4	1.9
2,000 acres or more.....	--	--	1	--	--	0.4
Total farms.....	504	504	258	100.0	100.0	100.0

SOURCE: U.S. Bureau of the Census, Census of Agriculture, 1964 and 1969, Vol. 1, Area Reports, Part 47, Oregon, U.S. Government Printing Office, Washington, D.C., 1967, 1972.

Classification of farms by economic class considers only those classified by the U.S. Department of Agriculture as "commercial farms".

In general, all farms with a total value of products sold amounting to $2,500 or more are classified as commercial. Farms with sales of $50 to $2,499 are classified as commercial if the farm operator was under 65 years of age and (1) he did not work off the farm 100 or more days during the year and (2) the income received by the operator and members of his family from nonfarm sources was less than the value of all farm products sold.

Table 65. Farms by Economic Class, Lincoln County, 1959, 1964, 1969

Economic Class	Number			Percent		
	1959	1964	1969	1959	1964	1969
Commercial farms.....	239	178	135	46.5	35.4	52.3
Class I (sales of $40,000 or more).....	1	1	9	0.2	0.2	3.5
Class II (sales of $20,000 to $39,999).....	13	9	15	2.5	1.8	5.8
Class III (sales of $10,000 to $19,999).....	38	16	20	7.4	3.2	7.8
Class IV (sales of $5,000 to $9,999).....	76	31	31	14.8	6.2	12.0
Class V (sales of $2,500 to $4,999).....	81	47	40	15.8	9.3	15.5
Class VI (sales of $50 to $2,499).....	30	74	20	5.8	14.7	7.8
Other farms.....	275	326	123	53.5	64.7	47.7
Part-time.....	245	252	110	47.7	50.0	42.6
Part-retirement.....	30	74	13	5.8	14.7	5.0
Abnormal.....	--	--	--	--	--	--
Total farms.....	514 1/	504	258	100.0	100.0	100.0

1/ Discrepancy between total farms and total farms reported elsewhere.
SOURCE: U.S. Bureau of the Census, Census of Agriculture, 1964 and 1969, Vol. 1, Area Reports, Part 47, Oregon, U.S. Government Printing Office, Washington, D.C., 1967, 1972.

Income from the sale of crops and livestock in Lincoln County was about $2,347,000 during 1970. Livestock sales accounted for 64.5 percent of agricultural income. Beef cattle earned 36 percent of total income while dairy products contributed 20.7 percent and poultry products accounted for 3.9 percent.

Crop sales contributed 35.5 percent of the county's agricultural income. Specialty horticultural crops were important, earning 7.7 percent. Berries added 3.3 percent and hay accounted for 0.8 percent. Farm forest products provided most of the remaining crop and income and were the most important source of income from farm crops.

Table 66. Value of Farm Products Sold,[1/] Lincoln County, 1966-1970

Product	1966	1967	1968	1969	1970 2/
	- - - - - - thousand dollars - - - - - -				
All crops, livestock and livestock products.....	1,906	1,916	2,130	2,356	2,347
All crops.....	673	650	757	889	834
All grain, hay and seeds....	27	25	23	23	18
All seed crops.....	--	--	--	--	--
All grain and hay.....	27	25	23	23	18
All hay.....	27	25	23	23	18
All grains.....	--	--	--	--	--
Vegetables, fresh and for processing.....	22	20	7	7	4
All berries.....	54	54	61	76	77
All tree fruits and nuts....	2	2	--	2	1
Specialty field crops.....	--	--	--	--	--
Specialty horticultural crops.....	131	166	167	171	180
Potatoes.....	64	4	4	5	4
All livestock and livestock products.....	1,233	1,266	1,373	1,467	1,513
Dairy products.....	506	482	486	468	486
Poultry products.....	81	71	78	87	92
Cattle and calves.....	553	627	728	829	850
Sheep and lambs.....	53	54	47	47	50
Hogs.....	4	3	3	3	2

1/ Crop year includes quantities sold or held for sale.
2/ Preliminary.
SOURCE: U.S.D.A. and Oregon State University Extension Service cooperating, "Oregon Commodity Data Sheets", Oregon State University, 1971-72.

Table 67. Acres of Crops Harvested, Lincoln County, 1969 and 1970

Crops Harvested	1969	1970 1/
Corn for grain.....	--	--
Small grains.....	--	--
Hay crops.....	5,300	4,850
Field seed crops.....	2/	2/
Other field crops.....	2/	2/
Vegetables.....	296 3/	2/
Berries.....	132 3/	2/
Tree fruits,nuts, and grapes.....	154 3/	NA*

*NA - not available.
1/ Preliminary.
2/ None reported, either little or no acreage.
3/ From U.S. Census of Agriculture, 1969.
SOURCE: U.S.D.A. and Oregon State University Extension Service cooperating, "Oregon Commodity Data Sheets", Oregon State University, 1971-72.

From 1950 to 1970 the number of dairy cattle in Lincoln County decreased while the number of sheep and lambs increased. Beef cattle increased somewhat during the same period.

Table 68. Livestock and Poultry Numbers, Lincoln County, 1950, 1960, 1969, 1970

Category 1/	1950	1960	1969	1970 2/
All cattle.....	10,200	9,000	10,000	10,000
Dairy cattle.....	4,000	2,400	1,100	1,100
Sheep and lambs.....	2,900	5,800	4,200	4,200
Hogs.....	800	600	150	NA*
Chickens.....	NA	NA	18,000	18,000
Turkeys raised.....	NA	NA	100	100

1/ Numbers are as of January 1, unless otherwise indicated.
2/ Preliminary.
*NA - not available.
SOURCE: U.S.D.A. and Oregon State University Extension Service cooperating, "Oregon Commodity Data Sheets", Oregon State University, 1971-72.

Table 69. Food and Kindred Products Manufacturing, Lincoln County, 1968 and 1970

Product Group	Number of Firms		Employment	
	1968	1970	1968	1970
Meat products.....	0	0	--	--
Dairy products				
Fluid milk.....	2	3	10	25
Canning and preserving fruits, vegetables, and seafoods				
Fresh or frozen packaged fish and seafoods.....	5	5	175-305	192
Canned or cured fish and seafoods	1	1	10	10
Grain mill products				
Prepared feeds for animals or fowls.....	1	1	4	3
Bakery products.....	0	0	--	--
Beverages.....	0	0	--	--
Confectionary and related products.	0	1	--	3
Miscellaneous food preparations....	0	0	--	--
Total.....	9	11	199-329	233

SOURCE: Oregon State Department of Commerce, Economic Development Division, Directory of Oregon Manufacturers - 1968.
Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacturers - 1970.

Logging and Wood Products

Logging and lumbering are major components of Lincoln County's economy, both in terms of employment and value added by manufacturing. In 1972 about 40 firms employed over 900 people in lumbering and wood products manufacturing. An additional 600 people were employed by a paper manufacturer.

An average of nearly 400 million board feet of timber was harvested annually in the county from 1960 through 1970. Much of this production was consumed in the county by saw and planing mills, veneer and plywood mills, and special products mills. In 1968 Lincoln County used 151,744,000 board feet of its own log production. During the same period the county exported 123,466,000 board feet of logs to other counties and imported 24,060,000 board feet for its own processing.

About 225,450 tons of bark and wood residue were produced by Lincoln County sawmills during 1968. Nearly 172,000 tons of this residue were consumed for such uses as pulp, particle board, or fuel.

Table 70. Lumber and Wood Products Manufacturing Excluding Furniture, Lincoln County, 1968 and 1970

Product Group	Number of Firms		Employment	
	1968	1970	1968	1970
Logging camps and contractors.....	18	28	166	288
Sawmills and planing mills.....	7	9	215	228
Special product mills.....	2	1	55	45
Veneer and plywood.....	2	2	340	340
Wood products not elsewhere classified..	2	2	29	29
Total.....	31	42	805	930

SOURCE: Oregon State Department of Commerce, Economic Development Division, Directory of Oregon Manufacturers - 1968.
Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacturers - 1970.

From 1960 through 1970 timber harvested in Lincoln County varied from 227 million board feet in 1961 to 469 million board feet in 1965. The annual average for the 1960-1970, eleven year period was about 396 million board feet.

Table 71. Timber Harvest by Ownership, Lincoln County, 1970 1/

Ownership	Production 2/	Percent of Total
Total timber harvest.....	226,595	100.0
Private 3/.....	155,253	68.5
Bureau of Land Management 4/.....	14,512	6.4
National forest 5/.....	47,972	21.2
State 3/.....	8,858	3.9

1/ Includes volume removed as logs but not volume removed for poles, piling, and woodcutting operations.
2/ Scribner log rule - thousand board feet.
3/ Compiled by State Forestor.
4/ Compiled by Bureau of Land Management.
5/ Compiled by U.S. Forest Service.
SOURCE: Wall, Brian R., "1970 Timber Harvest", U.S.D.A. Forest Service Resource Bulletin PNW-38, U.S. Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, 1971.

Table 72. Log Consumption in Thousand Board Feet by Species and Industry, Lincoln County, 1968 1/

Species	Type of Industry		
	Sawmills	Veneer and Plywood	Shake and Shingle
All species.....	93,542	73,081	9,256 2/
Douglas fir.....	59,506	65,823	NA*
Hemlock.....	23,089	3,379	"
Spruce.....	6,007	2,703	"
Hardwoods.....	4,940	1,176	"

*NA - not available. 1/ Scribner log rule.
2/ Includes Benton and Lincoln Counties to avoid disclosure.
SOURCE: Manock, Eugene R., Grover A. Choate, and Donald R. Gedney, Oregon Timber Industries, 1968, Wood Consumption and Mill Characteristics, Oregon State Department of Forestry jointly with U.S. Forest Service, Salem, Oregon, 1968.

Table 73. Installed 8-Hour Capacity of Wood-Using Industries, Lincoln County, 1968.

Industry	Capacity
Sawmill-lumber 1/.....	658,000
Veneer and plywood 2/.....	390,000
Pulp and board mills 3/.....	965

1/ Scribner log rule, board feet. 2/ Square feet, 3/8 inch basis.
3/ 24 hour capacity in tons.
SOURCE: Manock, Eugene R., Grover A. Choate, and Donald R. Gedney, Oregon Timber Industries, 1968, Wood Consumption and Mill Characteristics, Oregon State Department of Forestry jointly with U.S. Forest Service, Salem, Oregon, 1968.

Manufacturing

Table 74. Value Added by Major Manufacturing Industries, Lincoln County, 1967

Item	Value Added	Percent of Total
All manufacturing 1/.....	$17,000,000	100.0

1/ Separate industrial groups are reported only where 450 or more persons are employed.
SOURCE: U.S. Bureau of the Census, Census of Manufacturers, 1967, Area Services: Oregon, MC 67(3) - 38, U.S. Government Printing Office, Washington, D.C., 1972.

Table 75. Manufacturing, Other than Lumber and Wood Products; Food and Kindred Products and Mineral, Metal, and Related Products Manufacturing, Lincoln County, 1968 and 1970

Product Group	Number of Firms		Employment	
	1968	1970	1968	1970
Ordnance and accessories	0	0	--	--
Textile mill products	0	0	--	--
Finished products from fabrics	0	0	--	--
Printing, publishing, and allied industries				
Newspapers and printing	3	3	27	30
Commercial printing	1	0	5	--
Paper and allied products				
Paperboard mills	1	1	595	595
Chemicals and allied products	0	0	--	--
Machinery except electrical				
Woodworking machinery	1	0	60	--
Internal combustion engines	1	0	2	--
Miscellaneous machinery	4	3	14	16
Electrical machinery				
Electrical measuring instruments and test equipment	1	1	6	6
Transportation equipment				
Boat building and repairing	2	2	6	8
Professional, scientific, and controlling instruments and optical goods	0	0	--	--
Miscellaneous manufacturing industries	1	1	1	1
Total	15	11	716	656

SOURCE: Oregon State Department of Commerce, Economic Development Division, Directory of Oregon Manufacturers - 1968.
Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacturers - 1970.

Mining - Mineral and Metal Industries

Most of the income from mineral production in Lincoln County is derived from stone and sand and gravel. The level of income varies from year to year depending on the amount of construction activity in the county.

Mineral, metal, and related manufacturing employed about 78 people in the county during 1970.

Table 76. Mineral, Metal and Related Manufacturing, Lincoln County, 1968 and 1970

Product Group	Number of Firms		Employment	
	1968	1970	1968	1970
Petroleum refining and related industries	1	0	10	--
Stone, clay, glass, and concrete products				
Concrete products	2	2	8	8
Ready-mix concrete	1	3	5	30
Miscellaneous non-metallic mineral products				
Minerals and earths, ground or otherwise treated	2	2	18	26
Primary metal industries	0	0	--	--
Fabricated metal product	2	2	4	4
Total	8	10	45	78

SOURCE: Oregon State Department of Commerce, Economic Development Division, Directory of Oregon Manufacturers - 1968.
Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacturers - 1970.

Table 77. Value of Mineral Production, Lincoln County, 1963, 1965, 1970

Year	Value	Minerals Produced in Order of Value
1963	$ 692,000	Stone, sand and gravel
1965	1,050,000	Stone, sand and gravel
1970	701,000	Stone, sand and gravel

SOURCE: U.S. Bureau of Mines, Minerals Yearbook, from Bureau of Business and Economic Research, Oregon Economic Statistics, various years, University of Oregon.

Outdoor Recreation

Lincoln County is one of the most popular tourist areas in Oregon. Visitors come not only from throughout the state but from many other states. Recreation attractions in the county include miles of ocean beaches and coastal areas, bay, estuaries, lakes, sand dunes, forest lands, and rivers. Thousands of people participate each year in such activities as hiking, picnicking, swimming, scuba diving, fishing, hunting, boating, water skiing, clam digging, and beach combing.

There are 30 state parks and waysides located in the county. Most are along the coast where they form one of the greatest concentrations of state recreation areas in Oregon. Also, there are U.S. Forest Service recreation areas in the county in Siuslaw National Forest.

Lincoln County offers both fresh water and salt water sport fishing. Many charter and private boats use the county's harbors. Salmon spawn in several rivers in Lincoln County and nearly all of the resident game fish found in Oregon are located in the county.

Although hunting is somewhat less important than in other areas of the state, both deer and elk are hunted in the county.

Table 78. Lincoln County Park and Recreation Facilities, 1972

Ownership and Name	Acres	Facilities & Activities 1/
State		
Agate Beach State Wayside.....	18.00	F,P,R,S
Alsea Bay North Bridgehead Wayside.....	7.11	NA*
Beachside State Park.....	16.70	C,F,P,S,Tc
Beverly Beach State Park.....	130.06	C,F,P,S,Tc
Boiler Bay State Wayside.....	31.99	P
Depoe Bay State Park.....	3.35	V
Devil's Lake State Park.....	109.34	B,C,F,P,S,Tc
Devil's Punch Bowl State Park....	8.17	P,F,S
"D" River State Wayside.....	4.00	V
Driftwood Beach State Wayside....	7.70	H,V
Ellmaker State Park.....	80.00	P
Fogarty Creek State Park.....	128.19	F,P,S
Gleneden Beach State Wayside.....	17.45	F,P,S
Governor Patterson Memorial State Park.....	10.23	F,H,P,S
H.B. Van Duzer Forest Corridor Wayside.....	454.48	P
Lincoln Beach State Wayside.....	2.56	NA
Lost Creek State Park.....	33.94	F,P,S
Ona Beach State Park.....	237.17	B,F,P,S
Otter Crest State Wayside.....	1.48	V

Table 78, cont. Lincoln County Park and Recreation Facilities, 1972

Ownership and Name	Acres	Facilities & Activities 1/
State, cont.		
Roads End Beach State Wayside....	4.70	V
Rocky Creek State Wayside.....	58.43	P,F
San Marine State Wayside.....	7.20	NA
Seal Rock State Wayside.....	7.80	F,P,S
Smelt Sands State Wayside.....	3.86	NA
South Beach State Park.....	432.65	C,D,F,P,S
W.B. Nelson State Wayside.....	2.00	F,P
William P. Keady State Wayside...	10.20	NA
Yachats Ocean Road State Wayside.	79.00	F,P
Yachats State Park.....	93.33	F,P
Yaquina Bay State Park.....	32.00	F,H,Hi,P,S
U.S. Forest Service		
Alsea River (5 areas).....	NA	B,C,F,P,S,Tc
Big Elk.....	"	C,F
Canal Creek.....	"	F,H,P,Tc
Cape Perpetua.....	"	C,F,H,Hi,P
North Creek-Schooner Creek (2 areas).....	"	C,F,H,P
Tillicum Beach.....	"	C,F,P,S,Tc
Bureau of Land Management		
None		

*NA - not available.

1/ Facilities and Activities:

B - boating
C - camping
D - sand dunes
F - fishing
H - hiking
Hi - historical interest
P - picnicking
R - rockhounding
S - swimming
Tc - trailer camping
V - scenic views

SOURCES: Oregon State Department of Transportation, State Highway Division, State Parks and Recreation Section, "State Park Acreages" and Travel Information Section, "Oregon Parks", 1972.

Table 79. Attendance at State Parks in Lincoln County, 1968-72

Park and Use	Attendance 1968-69	1969-70	1970-71	1971-72
Agate Beach State Wayside				
Day visitor attendance..	NA*	NA	NA	80,806
Beachside State Park				
Day visitor attendance..	107,492	95,384	67,224	82,052
Overnight campers.....	35,506	35,709	35,757	37,489
Beverly Beach State Park				
Day visitor attendance..	148,600	154,167	186,802	190,820
Overnight campers.....	120,943	134,062	130,390	141,292
Boiler Bay State Wayside				
Day visitor attendance..	323,168	443,832	489,720	490,840
Devil's Lake State Park				
Day visitor attendance..	137,590	137,692	130,863	135,251
Overnight campers.....	35,304	35,586	33,882	36,991
Devil's Punch Bowl				
Day visitor attendance..	325,328	393,427	391,724	293,378
"D" River				
Day visitor attendance..	NA	NA	NA	869,026
Driftwood Beach				
Day visitor attendance..	NA	NA	NA	41,520
Fogarty Creek				
Day visitor attendance..	129,408	329,138	303,344	261,688
Gleneden Beach				
Day visitor attendance..	NA	NA	NA	328,624
Governor Patterson				
Day visitor attendance..	171,832	181,620	253,568	300,444
H.B. Van Duzer Forest Corridor Wayside				
Day visitor attendance..	514,560	620,027	679,118	732,318
Lost Creek				
Day visitor attendance..	140,168	146,897	142,984	139,886
Ona Beach				
Day visitor attendance..	193,504	339,949	296,654	179,540
Road's End Beach Wayside				
Day visitor attendance..	NA	NA	NA	25,990
Rocky Creek Wayside				
Day visitor attendance..	172,144	172,658	206,694	206,700
Seal Rock Wayside				
Day visitor attendance..	130,996	198,799	283,536	295,336
South Beach State Park				
Day visitor attendance..	NA	NA	NA	247,854
Overnight campers.....	NA	NA	33,886	58,099
W.B. Nelson Wayside				
Day visitor attendance..	63,872	126,429	144,328	134,428
Yachats Ocean Road Wayside				
Day visitor attendance..	107,824	60,902	96,336	100,636
Yachats State Park				
Day visitor attendance..	200,040	237,556	233,158	213,796
Yaquina Bay State Park				
Day visitor attendance..	1,061,666	1,146,753	1,335,905	1,323,572

*NA - not available.

SOURCES: Oregon State Department of Transportation, State Highway Division, "Day Visitor Attendance" and "Overnight Camping by the Public", State Parks and Recreation Section, 1972.

Table 80. Lincoln County Game Harvest

Game	Hunters		Harvest		Days Hunted
	Number	Percent of State Total	Number	Percent of State Total	
Pheasant.....	43	0.06	49	0.02	571
Quail.....	71	0.27	174	0.11	551
Blue and ruffed grouse.	159	2.06	455	2.70	419
Band-tailed pigeon.....	672	5.41	6,659	5.50	2,799
Mourning dove.....	23	0.14	39	0.02	466
Ducks.....	430	0.77	2,920	0.51	2,280
Geese.....	0	--	0	--	0
Deer 1/.....	12,620	4.51	5,160	5.87	NA*
Elk 2/.....	840	1.12	104	1.01	4,030

*NA - not available.

1/ Figures for Alsea and Polk state game management units, which include areas of other counties besides Lincoln County.

2/ Figures for Polk state game management unit, which includes only a portion of Lincoln County and part of Polk County.

SOURCES: Oregon State Game Commission, "1966 Upland Game Questionnaire", 1967; "Water Fowl Estimates, 1969-70 Season", 1970; and "Oregon State Game Commission Bulletin", May 1972.

Table 81. Retail and Wholesale Trade, Lincoln County, 1967

Kind of Business	Number Establish-ments	Number Paid 1/ Employees	Sales ($1,000)
Retail trade, total.....	417	1,086	$39,485
Lumber, building materials, hard-ware, farm equipment dealers.2/	18	NA*	2,806
General merchandise group stores.	19	"	2,031
Food stores.....	64	"	11,274
Automotive dealers.....	22	"	6,859
Gasoline service stations.....	52	"	4,029
Apparel, accessory stores.....	12	"	860
Furniture, home furnishing, equipment stores.....	15	"	916
Eating, drinking places.....	100	"	5,277
Drug, proprietary stores.....	11	"	1,137
Other retail stores.....	90	"	3,426
Nonstore retailers.....	14	"	870
Wholesale trade, total.....	38	66	$7,050
Merchant wholesalers 3/.....	19	NA	3,183
Other operating types.....	19	NA	3,867

*NA - not available.

1/ Excludes active proprietors of unincorporated businesses.

2/ Only counties with 500 or more retail establishments are reported by specific kinds of business.

3/ Only counties with 100 or more wholesale establishments are reported by specific kinds of business.

SOURCES: U.S. Bureau of the Census, Census of Business, 1967 Retail Trade: Oregon, BC 67 - RA 39; and 1967 Wholesale Trade: Oregon, BC 67 - WA 39, U.S. Government Printing Office, Washington, D.C., 1969.

Table 82. Selected Services, Lincoln County, 1967

Kind of Business	Number Establish-ments	Receipts ($1,000)	Number Paid 1/ Employees
Selected services, total.....	337	$8,077	515
Hotels, motels, tourist courts, camps, total.....	154	4,369	341
Hotels.....	12	1,919	183
Motels, motor hotels, tourist centers.....	129	2,292	155
Trailer parks, camps.....	10	2/	2/
Personal services, total.....	67	1,133	69
Laundries, laundry service, etc.	16	536	2/
Beauty shops.....	20	196	16
Barber shops.....	14	86	2/
Other personal services.....	17	2/	2/
Miscellaneous business services, total.....	32	566	27
Advertising.....	2	2/	2/
Services to dwellings, buildings	8	2/	7
Other.....	22	486	20
Auto repair, services, garages, total.....	24	647	14
Auto repair shops.....	21	2/	14
Auto, truck renting, services...	3	2/	2/
Miscellaneous repair services, total.....	24	450	2/
Electrical repair shops.....	13	331	5
Motion pictures, total.....	4	2/	2/
Motion picture theaters.....	4	2/	2/
Amusement, recreation services, exc. motion pictures, total.....	27	2/	46
Bands, orchestras, entertainers.	3	2/	2/
Bowling, billiards, pool.....	3	121	8
Other commercial recreation and amusements.....	21	645	38

1/ Excludes active proprietors of unincorporated businesses.
2/ Withheld to avoid disclosure.
SOURCE: U.S. Bureau of the Census, Census of Business, 1967, Selected Services: Oregon, BC 67 - SA 39, U.S. Government Printing Office, Washington, D.C., 1969.

Commercial Fishing and Shipping

Commercial fish landed in Lincoln County ports were valued at almost $2.3 million in 1969. Tuna was the most important species, although bottom fish and shell fish including crabs and shrimps were also major sources of income.

Table 83. Commercial Fish Landings for Lincoln County Ports,[1/] 1969

Species	Pounds, Round Weight	Value at Fishermen's Level
Chinook	169,342	$ 98,000
Coho	912,940	398,000
Pinks	117,357	26,000
Crabs	1,500,295	449,000
Shrimp	1,483,224	163,000
Tuna	4,171,008	938,000
Bottom fish	2,245,776	180,000
Oysters	31,936	51,000
Miscellaneous	4,324	1,000
Total	10,639,096	$2,295,000

1/ Includes Waldport, Depoe Bay, and Newport.
SOURCE: Oregon State Fish Commission, unpublished data, 1970.

PUBLIC SERVICES

Transportation

The Lincoln County coast is traversed by U.S. 101, the main north-south coastal highway, which is a major route for both through and local traffic. U.S. 20 connects Newport with U.S. 99 at Corvallis and with Interstate 5 at Albany. State Route 18, the Salmon River cutoff, connects Lincoln County with the Portland metropolitan area and with the Salem area. State Route 34 connects Waldport and Corvallis and State Route 229 runs north from Toledo through the Siletz River Valley to Taft.

Bus service is regularly scheduled throughout the main highways in the county.

There is a branch railroad line of the Southern Pacific Company that connects Toledo with the main line at Albany.

A deep-water harbor is located at Newport that has dock facilities to serve both ocean-going ships and barge traffic.

Four airports are located in the county--one each in Waldport, Newport, Toldeo, and Siletz.

Table 84. Miles of Roadway in Lincoln County, 1968

Agency	Miles
Federal agency roads.....	600
State agency roads.....	299
County and public usage roads 1/...	404
City streets.....	93
Total.....	1,396

1/ Public usage roads are roads under county jurisdiction but generally privately maintained.

SOURCE: Transportation Research Institute, Oregon State University, Functional Classification of Public Roads and Streets in Oregon, 1970.

Table 85. Number of Aircraft and Boats, Lincoln County, 1968

Subject	Number
Aircraft.....	11
Boats.....	1,640

SOURCE: Oregon State Executive Department, Program Planning Division, District Facts, 1970.

Table 86. Motor Vehicle Registration, Lincoln County, 1970 and 1972

Vehicle	Number of Vehicles 1970	1972
Passenger vehicles	15,796	17,309
Buses	11	0
Trucks	734	887
Trailers	952	529
Motorcycles	685	809
Recreational 1/	1,215	1,713
Snowmobiles	NA*	6
Total vehicles	19,393	21,253

*NA - not available. 1/ Includes campers and travel trailers.

SOURCE: Oregon State Department of Transportation, Motor Vehicles Division, 1970 figures taken from Bureau of Business and Economic Research, Oregon Economic Statistics, 1972, University of Oregon, 1972; 1972 figures from State Motor Vehicles Division, unpublished data.

Communication

Table 87. Residential Communication Facilities, Lincoln County, 1960 and 1970

Facilities	Number of Housing Units 1960	1970
Battery radio sets		
Yes	NA*	6,654
No	NA	2,711
Telephone available		
Yes	5,687	7,848
No	2,440	1,517
Television sets		
One	5,458	7,252
Two or more	324	1,239
None	2,345	874
UHF equipped television		
Yes	NA	2,733
No	NA	5,758

*NA - not available.

SOURCE: U.S. Bureau of the Census, Census of Housing: 1960 and 1970 Detailed Housing Characteristics, Final Report HC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1962, 1972.

Lincoln County is served by three radio stations within the county and numerous other stations from surrounding areas. Telephone service is provided by four telephone companies. There are no locally owned television stations; however, several stations are received from Portland and Eugene via individual antenna and television cable companies serve the coastal areas.

Three newspapers are published in Lincoln County and Portland papers are available.

Table 88. Communication Facilities, Lincoln County

Type of Service	Location	Network Affiliation
Radio stations		
KNPT	Newport	---
KTDO	Toledo	ABC
KBCH	Lincoln City	ABC
Telephone		
Depoe Bay Telephone Company (Telephone Utilities, Inc.)	Depoe Bay, Gleneden Beach	
Pioneer Telephone Cooperative	Chitwood, Harlan, Yachats, South Beach, Tidewater, Waldport	
United Telephone Company of the Northwest	Lincoln City	
Pacific Northwest Bell	Newport	
Television		
None within the county		
Newspapers		
The News-Guard	Lincoln City	
News and Times	Newport	
Lincoln County Leader	Toledo	

SOURCES: Oregon Association of Broadcasters, Directory of Radio and Television Stations for the State of Oregon, 1972.
Oregon State Executive Department, Clay Myers, Secretary of State, Oregon Blue Book, 1973-74, January 1973.
Pacific Northwest Bell, unpublished data.

Library Facilities

Support for libraries in Lincoln County comes almost entirely from city funds. During the 1969-70 fiscal year, city governments provided $31,562 and the county provided $1,000. The county's circulation per capita of 4.2 and expenditure per capita of $1.30 compare with state average figures for all counties of 6.3 and $3.48.

Table 89. Lincoln County Libraries, by City of Location, 1969-70

City	Volumes	Circu-lation	Circ./ Capita	Hrs. Open Per Week	Operating Expend.	Expend./ Capita
Lincoln City...	7,767	15,358	3.6	28	$ 5,372	$1.27
Newport.....	9,662	61,387	10.4	39	16,071	2.72
Toledo.....	9,904	15,249	5.2	30	8,744	2.96
Siletz.....	4,389	1,463	2.8	5	394	0.77
Waldport.....	6,114	12,012	15.0	17	2,060	2.58
County total...	37,836	105,469	4.2	--	$32,641	$1.30

SOURCE: Nielsen, Alice M., Editor, Directory of Oregon Libraries, annual statistics for the year ending June 30, 1970, Oregon State Library, Salem, Oregon.

Utilities

About 80 percent of Lincoln County's housing units were served by public or private water systems and around 45 percent were on public sewer systems in 1970.

Table 90. Housing Units by Water Supply and Sewage Disposal, Lincoln County, 1970

Subject	Lincoln County		State
	Number	Percent 1/	Percent 1/
Water source			
Public system or private company.	9,471	80.8	79.8
Individual well.....	1,126	9.6	16.9
Other or none.....	1,130	9.6	3.3
Sewage disposal			
Public sewer.....	5,286	45.1	61.0
Septic tank or cesspool.....	6,138	52.3	37.5
Other or none.....	303	2.6	1.5

1/ Percent of all year-round housing units.

SOURCE: U.S. Bureau of the Census, Census of Housing: 1970 Detailed Housing Characteristics, Final Report HC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1972.

Table 91. Housing Units by Water Supply and Sewage Disposal for Places with Over 2,500 Inhabitants, Lincoln County, 1970

Subject	Lincoln City		Newport		Toledo	
	Number	Percent 1/	Number	Percent 1/	Number	Percent 1/
Water source						
Public system or private company..	2,537	99.4	2,130	99.7	1,023	97.2
Individual well....	8	0.3	7	0.3	29	2.8
Other or none.....	8	0.3	--	--	--	--
Sewage disposal						
Public sewer.....	1,553	60.8	2,049	95.8	893	84.9
Septic tank or cesspool.....	992	38.9	88	4.1	159	15.1
Other or none.....	8	0.3	--	--	--	--

1/ Percent of all year-round housing units.

SOURCE: U.S. Bureau of the Census, Census of Housing: 1970 Detailed Housing Characteristics, Final Report HC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1972.

Table 92. Types of Fuels and Fuel Usage, Number of Housing Units, Lincoln County, 1960 and 1970

Type of Fuels	Home Heating Fuel		Water Heating Fuel		Cooking Fuel	
	1960	1970	1960	1970	1960	1970
Utility gas.....	17	1,067	17	398	17	548
Fuel oil, kerosene, etc..	3,197	2,063	259	103	124	55
Coal or coke.....	--	20	--	--	--	--
Wood.....	2,024	948	464	77	601	250
Electricity.....	2,417	4,885	6,575	8,331	6,634	8,025
Bottled, tank, or LP gas.	433	382	437	267	732	464
Other fuel.....	20	--	--	23	--	23
None.....	19	--	375	166	19	--
All occupied housing units.....	8,127	9,365				

SOURCE: U.S. Bureau of the Census, Census of Housing: 1960 and 1970 Detailed Housing Characteristics, Final Report HC(1) - B39, Oregon, U.S. Government Printing Office, Washington, D.C., 1962, 1972.

Several power companies serve the Lincoln County area. Central Lincoln PUD serves the central and south portions along the coast and Pacific Power and Light Company covers the northern coastal area. The inland, eastern portion of the county is served by Consumer's Power Incorporated and Boise Cascade of Valsetz.

Electric power is imported into the county. Although there are several undeveloped potential hydroelectric sites, conflicts with nonpower uses such as fish migration and construction costs relative to the energy that could be generated make development unattractive.

Table 93. Selected Items of Local Government Finances, Lincoln County, 1966-67

Item	Lincoln County		State
	Total Amount	Per Capita Amount	Per Capita Amount
	- $1,000 -	- - dollars - -	
General revenue, exc. interlocal...	$9,557	$375	$308
Intergovernmental revenue.....	3,623	142	97
From state government.....	3,481	136	83
From local sources.....	5,933	233	210
Taxes.....	4,180	164	156
Property.....	4,091	160	151
Other.....	89	4	5
Charges and miscellaneous.....	1,753	69	54
Direct general expenditure.....	7,848	308	316
Capital outlay.....	1,055	41	62
Other.....	6,794	266	254
Education.....	4,197	164	180
Other than capital outlay.....	3,936	154	152
Highways.....	1,317	52	30
Other than capital outlay.....	937	37	20
Public welfare.....	46	2	2
Hospitals.....	438	17	6
Other than capital outlay.....	329	13	--
Health.....	78	3	4
Police protection.....	210	8	12
Fire protection.....	145	6	9
Sewerage.....	154	6	8
Other than capital outlay.....	121	5	3
Sanitation other than sewerage...	24	1	2
Parks and recreation.....	73	3	10
Natural resources.....	93	4	4
Housing and urban renewal.....	30	1	4
Correction.....	49	2	2
Libraries.....	17	1	3
Financial administration.....	197	8	5
General control.....	381	15	8
General public buildings.....	97	4	3
Interest on general debt.....	92	4	6
Other and unallocable.....	208	8	21
Water supply revenue.....	415	16	12
Water supply expenditure.....	798	31	13
General debt outstanding.....	2,586	101	214
Long-term.....	2,099	82	203
Local schools.....	--	--	101
Other.....	2,099	82	101

SOURCE: U.S. Bureau of the Census, Census of Governments, 1967, Vol. 4, No. 5: Compendium of Government Finances, U.S. Government Printing Office, Washington, D.C., 1969.

Table 94. Summary of Assessment Rolls for 1971-72 Fiscal Year Real Property, Personal Property and Utilities, Lincoln County

Item	Assessed Value	Percent of Total
Class		
Real property		
Lands inside corporate limits	$ 40,610,825	10.9
Lands outside corporate limits	80,585,375	22.0
Improvements inside corporate limits	115,691,565	31.6
Improvements outside corporate limits	65,050,150	17.8
Timber (excludes land)	20,914,540	5.7
Less veterans exemptions	(3,582,950)	1.0
Less senior citizens residence exemptions	(1,752,820)	0.5
Taxable real property	317,516,685	86.7
Personal property		
Merchandise and stock in trade	8,960,725	0.2
Furniture, fixtures and equipment	6,503,727	1.8
Farm machinery and equipment	429,311	0.1
Other machinery and equipment	4,609,645	1.3
Livestock	745,103	0.2
Miscellaneous	2,444,953	6.6
Less veterans exemptions	(76,401)	1/
Less senior citizens residence exemptions	(18,010)	1/
Taxable personal property	23,599,053	6.4
Total taxable real and personal property	341,115,738	93.2
Utilities		
Airline companies	---	--
Electric companies	11,734,379	3.2
Express companies	---	---
Gas companies	5,631,462	1.5
Heating companies	---	---
Pipeline companies	---	---
Railroad companies	1,473,950	0.4
Tank and private car companies	---	---
Telegraph companies	1,900	1/
Telephone companies	5,994,996	1.6
Water companies	73,200	1/
Water transportation companies	26,300	1/
Taxable utility property	24,936,187	6.8
Total taxable real, personal, and utility property	$366,051,925	100.0

1/ Less than 0.5 percent.

SOURCE: Oregon State Department of Revenue, Summary of Assessment and Tax Rolls for the 1971-72 Fiscal Year and 1969-70 and 1970-71 Property Tax Collections, Research and Special Services Division, 1972.

Table 95. Summary of 1971-72 Property Tax Levies and Assessments, Lincoln County

Item	Amount in Dollars
Levies	
County	$ 754,076
Cities	965,911
Community colleges	---
Elementary and secondary school districts	
Intermediate county	---
Education joint	---
Elementary and unified	---
Union high	---
County unit	4,811,376
Total school districts	4,811,376
Special districts	
Cemetery	---
Fire protection	175,801
Hospital	221,743
Park and recreation	---
Port	75,441
Road	56,707
Sanitary	1,302
Water supply	154,788
Other	---
Total special districts	685,782
Total gross ad valorem levies	7,217,145
Special assessments	
Fire patrol	82,978
Forest fee	6,569
Diking and drainage	---
Irrigation	---
Lighting	1,318
Other	---
Total special assessments	90,865
Total gross levies and assessments	7,308,010
Less property relief money	
Senior citizens	(36,931)
Game Commission	---
Total net ad valorem levies	7,180,214
Net ad valorem taxes by class	
Real property	6,241,510
Personal property	460,828
Utility property	477,877

SOURCE: Oregon State Department of Revenue, Summary of Assessment and Tax Rolls for the 1971-72 Fiscal Year and 1969-70 and 1970-71 Property Tax Collections, Research and Special Services Division, 1972.

Table 96. City Valuation, Tax Rates and Taxes Extended in Lincoln County for 1971-72 Fiscal Year

Item	Newport	Lincoln City	Toledo
Population	5,387	4,420	2,930
True cash value (TCV)	$47,022,954	$52,561,676	$62,673,984
Per capita TCV	8,729	11,892	21,390
City tax	265,680	402,622	258,844
Consolidated tax	990,774	1,341,328	1,297,351
Per capita tax			
City	$ 49	$ 91	$ 88
Consolidated	184	303	443
Percentage of total levy			
County	9.7	8.0	9.9
City	26.8	30.0	20.0
School	62.1	51.3	63.2
Other	1.4	10.7	7.0
Average rate/$TCV basis			
County	2.05	2.05	2.05
City	5.65	7.66	4.13
School	13.08	13.08	13.08
Other	0.29	2.73	1.44
Total	21.07	25.52	20.70

Item	Siletz	Waldport	Yachats
Population	625	710	450
True cash value (TCV)	$1,959,724	$5,827,222	$6,521,381
Per capita TCV	3,136	8,207	14,492
City tax	2,704	30,127	5,934
Consolidated tax	33,923	128,898	120,151
Per capita tax			
City	$ 4	$ 42	$ 13
Consolidated	54	182	267
Percentage of total levy			
County	11.8	9.3	11.1
City	8.0	23.4	4.9
School	75.6	59.1	71.0
Other	4.6	8.2	12.9
Average rate/$TCV basis			
County	2.05	2.05	2.05
City	1.38	5.17	0.91
School	13.08	13.08	13.08
Other	0.80	1.82	2.38
Total	17.31	22.12	18.42

SOURCE: Oregon State Department of Revenue, Summary of Assessment and Tax Rolls for the 1971-72 Fiscal Year and 1969-70 and 1970-71 Property Tax Collections, Research and Special Services Division, 1972.

Table 97. Amount and Percent of Unpaid 1970-71 Property Tax
As of June 30, 1971, Lincoln County

Item	Total Amount	Amount Unpaid	Percent Unpaid
Property taxable			
Real.....	$5,408,579	$742,819	13.7
Personal.....	405,529	49,296	12.2
Public utilities.....	395,377	33,587	8.5
Western Oregon additional timber tax.....	97,151	3,193	2.8
Yield tax.....	17,859		
Other.....	26,810	1/	---
Total for collection.....	$6,351,305	$828,895	13.1

1/ "Other" taxes unpaid are not reported or included in total unpaid.
SOURCE: Oregon State Department of Revenue, Summary of Assessment and Tax Rolls for the 1971-72 Fiscal Year and 1969-70 and 1970-71 Property Tax Collections, Research and Special Services Division, 1972.

Selected List of Agencies

The following list gives names and addresses of agencies that have served as data sources for this publication and may provide further or more current data on subjects of interest.

In addition, a number of local and county offices are available to offer local information and assistance, including:

Agriculture Stabilization and Conservation
Assessor
City Library
Corrections and Parole
County Engineer
County Extension
County Surveyor
Employment Division
Game Commission
Health Department
Public Welfare
Soil Conservation Service

1. Bureau of Business and Economic Research, University of Oregon, Eugene, Oregon 97403

2. Center for Population Research and Census, Portland State University, 724 S.W. Harrison, Portland, Oregon 97201

3. Children Services Division, Oregon State Department of Human Resources, Public Services Building, Salem, Oregon 97310

4. Department of Environmental Quality, 1234 S.W. Morrison, Portland, Oregon 97204

5. Economic Research Service, U.S.D.A. Extension Hall, Oregon State University, Corvallis, Oregon 97331

6. Extension Service, Oregon State University, Corvallis, Oregon 97331

7. Fish Commission of Oregon, 1400 S.W. 5th St., Portland, Oregon 97201

8. 4-H Youth Office, Extension Hall, Oregon State University, Corvallis, Oregon 97331

9. Forest Service, U.S.D.A., 319 S.W. Pine St., Portland, Oregon 97204

10. Governor's Office, Economic Development Special Projects, State Capital Building, Salem, Oregon 97310

11. Local Government Relations Division, Oregon Executive Department, 240 Cottage S.E., Salem, Oregon 97310

12. Oregon Association of Broadcasters, Allen Hall, University of Oregon, Eugene, Oregon 97403

13. Oregon Board of Higher Education, School Finance and Statistical Services, 942 Lancaster Dr. N.E., Salem, Oregon 97310

14. Oregon Department of Geology and Mineral Industries, 1400 S.W. 5th St., Portland, Oregon 97201

15. Oregon Educational Coordinating Council, 4263 Commercial S.E., Salem, Oregon 97310

16. Oregon State Department of Revenue, State Office Building, Salem, Oregon 97310

17. Oregon State Employment Division, Community Manpower, Research and Statistics, or Rural Manpower Sections, Labor and Industries Building, Salem, Oregon 97310

18. Oregon State Game Commission, 1634 Alder, Portland, Oregon 97214

19. Oregon State Health Division, Department of Human Resources, 1400 S.W. 5th, Portland, Oregon 97201

20. Oregon State Highway Division, State Parks and Recreation Section, 8009 E. Burnside, Portland, Oregon 97215

21. Oregon State Lands Division, 502 Winter N.E., Salem, Oregon 97310

22. Oregon State Library, State Library Building, Salem, Oregon 97310

23. Oregon State Public Welfare Division, Department of Human Resources, Public Services Building, Salem, Oregon 97310

24. Pacific Northwest Forest and Range Experiment Station, U.S. Forest Service, 809 N.E. 6th St., Portland, Oregon 97232

25. Secretary of State's Office, State Capital Building, Salem, Oregon 97310

26. Soil Conservation Service, U.S.D.A., 1218 S.W. Washington, Portland, Oregon 97205

27. State Water Resources Board, 1158 Chemeketa N.E., Salem, Oregon 97310

28. U.S. Department of Commerce, 921 S.W. Washington, Portland, Oregon 97204 (for copies of U.S. Census publications)

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