Jackson County, Oregon

RESOURCE ATLAS

- NATURAL
- HUMAN
- ECONOMIC
- PUBLIC

JANUARY 1974

EXTENSION *Community Development* PROJECT

OREGON STATE UNIVERSITY

Jackson County, Oregon

RESOURCE ATLAS

NATURAL
HUMAN
ECONOMIC
PUBLIC

October 1973

Oregon State University Extension Service

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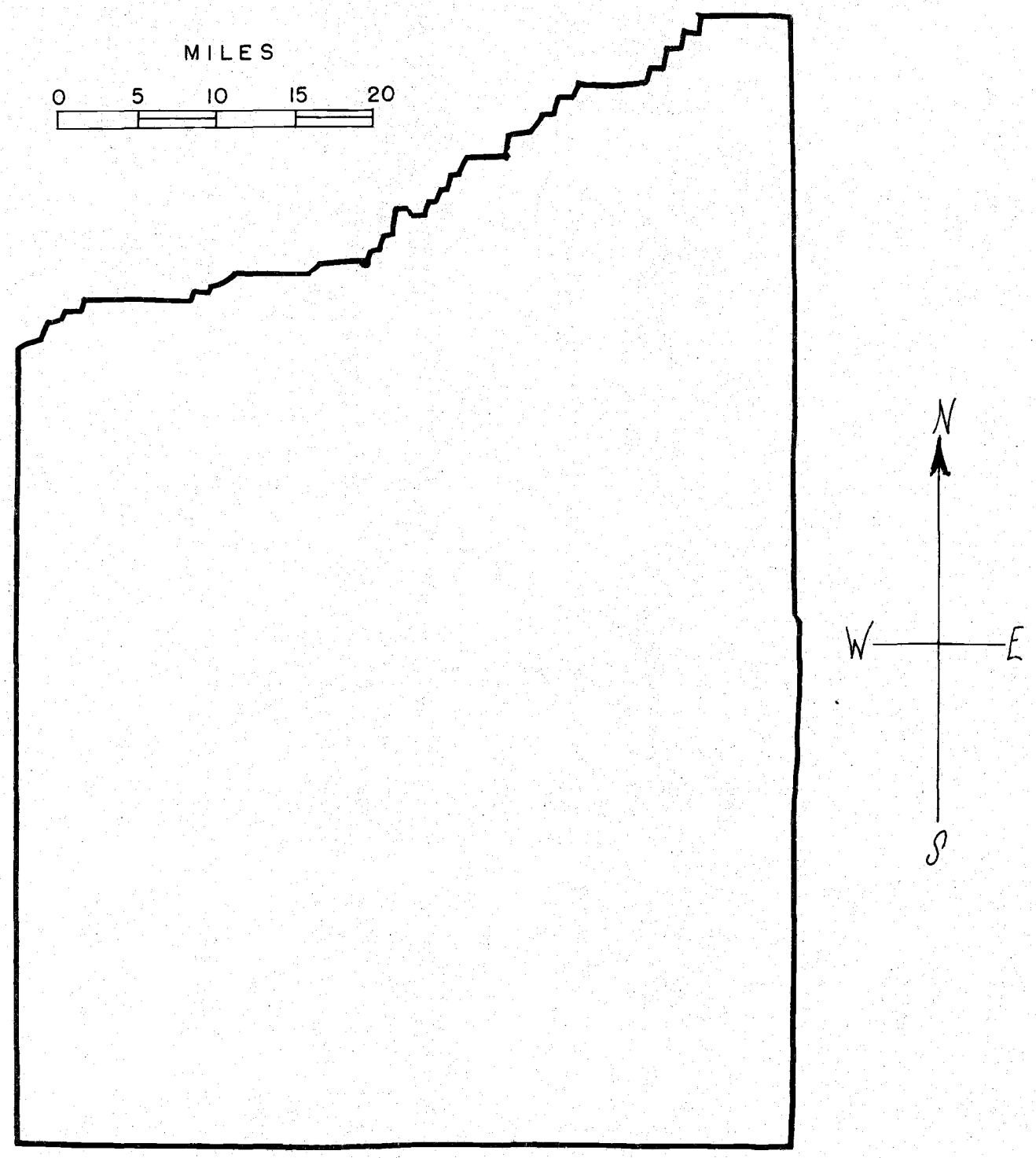

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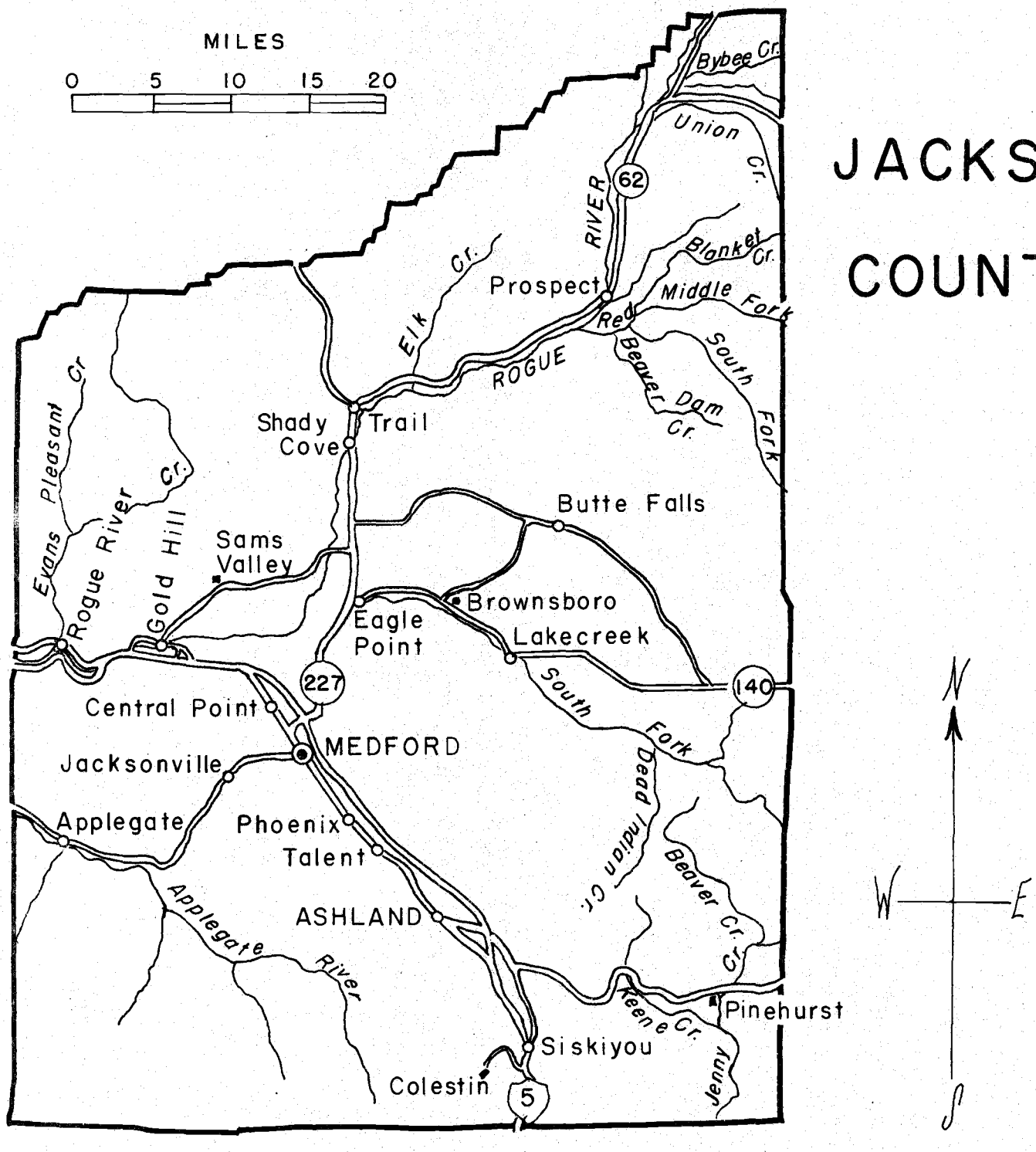

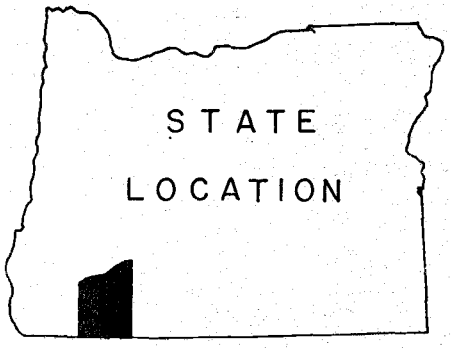

LEGEND

- PRIMARY HIGHWAYS
- SECONDARY HIGHWAYS
- COUNTY ROADS
- INTERSTATE HIGHWAYS

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GENERAL DESCRIPTION

Jackson County, named for President Andrew Jackson, was established in 1852 and originally included lands now in Klamath, Lake, Coos, Curry and Josephine Counties. When gold was discovered in 1852 near Jacksonville, whitemen rushed to the county but emphasis soon shifted from mining to agriculture. In 1853, a road to California stimulated settlement again, but the Indian Wars of 1855-56 tended to retard growth for some years. Growth was aided in 1883 with the arrival of the railroad providing passenger and freight service both north and south.

The county is located in the southwestern portion of the state of Oregon on the Oregon-California border. Ranking 13th in the state in total area, it is bordered on the north by Douglas County, on the west by Josephine County, on the east by Klamath County and on the south by the state of California. Almost all of the county (1,602,000 acres) lies within the Rogue River Basin with the remaining approximately 197,000 acres in the Klamath River Basin.

Medford, the county seat, is the largest city in Oregon outside the Willamette Valley with an estimated 1972 population of 31,000. Jackson County ranks 6th in the state in total population with 100,100 estimated for 1972 by the Oregon State Center for Population Research and Census.

Forest products are an important source of income to the county with Douglas fir and ponderosa pine the major commercial species. The post-war population expansion of the county has been based almost entirely on developments in the lumber industry; other manufacturing increased very little.

The agricultural economy in the county is based primarily on livestock and pear production. Other farm enterprises are devoted to field crops, poultry, and vegetables. The Medford area is nationally known for its pears.

Mining activity has been sporadic because of unstable price levels for minerals in recent years. Recent mineral production has concentrated on those minerals generally associated with construction activities. Minerals produced in Jackson County in 1970 in order of their value were sand and gravel, stone, pumice, and mercury.

Recreation and tourist industries have grown rapidly in the last decade. Major points of interest in Jackson County are the Rogue River, Jacksonville Museum, House of Mystery, Oregon Vortex, Shakespearean Festival, the Britt Music Festival, and Lithia Park. Hunting, fishing, and other outdoor sports are also available.

Following is some general information about Jackson County.[1/]

Area: 2,812 square miles
1,799,744 acres

Elevation at Medford: 1,382 feet

Average Temperature:
Summer - 67.4
Winter - 40.7

County Seat: Medford

Population: 100,100
(July 1, 1972)

True Cash Value: $874,414,988
(July 1, 1972)

Principle Industries:
Lumbering, Agriculture,
Manufacturing, Recreation

PHYSICAL ASPECTS

Jackson County is composed of three physically distinct areas; the northeastern segment in the Cascade Mountains, the central valley, and the southwestern segment in the Klamath Mountains.

The valley part of the county, known as the Rogue River Valley, is a large nearly flat intermountain plain composed of alluvial materials. Its average elevation is about 1,300 feet.

Climate

The central valley region experiences mild, wet winters and hot very dry summers. It receives less annual rainfall than any other part of western Oregon.

At Medford the average annual temperature is about 54 degrees, ranging from 37 degrees in January to 72 degrees in July. However, maximum temperatures in summer are often more than 90 degrees and not infrequently over 100 degrees. In winter, minimum temperatures are often near or below the freezing point. Average annual precipitation at Medford in about 19 inches, most of which occurs from October through May. Only about 2 inches fall from June through September.

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

Table 1. Selected Weather Stations and Elevation, Jackson County

Station	Elevation
Ashland 1N.....	1,780
Buncom 2SE.....	1,925
Fish Lake 1/.....	4,840
Lake Creek 5SE.....	1,925
Medford Exp. Station.....	1,457
Medford WB AP.....	1,312
Modoc Orchard.....	1,215
Prospect 2SW.....	2,482
Talent 2/.....	1,550
Trail 15NE.....	2,100
Trail 14NE.....	1,850
Copper.....	1,900

1/ Record ends November 1956. 2/ Record ends November 1960.
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, By Month, 1951 - 1960 Averages

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Average Temperature	- - - - - - - - - degrees Farenheit - - - - - - - - - - - - - - - - - -												
Ashland 1N.....	37.7	40.6	43.0	49.7	55.0	61.5	68.9	66.6	61.7	51.9	42.6	37.6	51.4
Medford Exp St...	38.8	42.0	45.2	51.8	57.3	63.2	70.0	67.9	63.2	53.4	43.4	38.4	52.9
Medford WB AP....	38.6	42.1	45.0	52.2	58.0	64.4	72.6	70.4	65.4	54.5	43.6	38.1	53.7
Modoc Orchard....	39.1	42.5	45.7	52.4	58.0	64.2	71.6	69.3	64.6	54.4	43.7	38.5	53.7
Prospect 2SW.....	35.9	39.0	40.9	47.5	53.4	59.1	66.7	64.4	61.0	51.5	42.1	37.6	49.9
Talent 1/.....	38.5	41.6	44.8	51.6	57.3	63.8	70.9	68.2	63.3	53.2	43.3	38.2	52.9
Trail 14NE 1/....	37.5	40.3	42.7	49.0	55.8	60.4	67.7	65.8	62.4	52.2	42.7	37.5	51.2
Total Precipitation	- - - - - - - - - - - - inches -												
Ashland 1N.....	2.91	2.30	1.90	.68	1.69	1.04	.48	.41	.65	1.67	2.26	3.09	19.08
Buncom 2SE.....	4.58	3.42	2.13	.93	1.44	1.06	.31	.27	.64	2.03	2.69	4.20	23.70
Fish Lake 1/.....	7.94	5.34	5.34	2.94	3.02	2.73	.13	.44	1.25	4.30	4.22	8.70	46.35
Lake Cr. 5SE 1/..	2.90	2.69	2.97	1.27	2.50	1.15	.40	.31	.91	2.69	2.79	3.55	24.13
Medford Exp St...	3.71	2.97	2.02	.79	1.66	.99	.35	.37	.85	1.74	2.49	3.77	21.71
Medford WB AP....	3.78	3.02	1.94	.62	1.56	.80	.26	.24	.66	1.67	2.30	3.56	20.41
Modoc Orchard....	4.70	3.62	2.22	.86	1.49	1.03	.39	.27	.64	1.98	2.81	4.32	24.33
Prospect 2SW.....	7.79	5.36	4.75	2.32	2.79	1.78	.32	.59	1.05	3.98	5.48	7.61	43.82
Talent 1/.....	3.35	2.47	1.94	.84	1.68	1.11	.30	.41	.68	1.72	2.26	3.55	20.31
Trail 14NE.....	8.50	6.24	5.17	2.49	2.73	1.41	.25	.67	1.05	4.36	5.28	8.35	46.50

1/ Some months are less than 10 year averages.
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 high and low temperature for each month. The minimum figure is generally considered to be a night time figure.

Table 3. Mean Daily Maximum and Minimum Temperatures by Month 1951-1960 Averages

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Mean Daily Maximum Temp.	- - - - - - - - - - - - degrees Farenheit - - - - - - - - - - - -

Table 4. Freeze Data, Jackson County

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Mean number of days with temperature at or below 32 degrees												
Ashland 1N	20	18	18	8	1	1/	0	0	1/	6	14	21	106
Medford Exp Sta	19	17	18	11	3	1/	0	0	2	9	16	18	113
Medford WB AP	18	17	13	4	1/	1/	0	0	0	4	13	18	87
Modoc Orchard	18	17	16	8	2	1/	0	0	1	7	14	18	101
Prospect 2SW	24	21	25	17	8	2	1/	1	4	11	20	24	157
Talent	19	16	16	6	1	1/	0	0	1/	5	15	18	96
Trail 14NE	22	20	20	12	4	1/	0	0	2	9	18	23	130

1/ 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 Jackson County consult U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data Service, Climatological Data, Annual Summary 1971, Vol. 77, No. 13, 1971.

Soils

There are 34 soil series represented in Jackson County. The following table gives data on acres of each soil type in the county and major limitations. Only those with 25,000 or more acres will be discussed in this publication. For a more complete discussion of all of the soil types see the State Water Resources Board publication entitled Oregon's Long Range Requirements for Water, Appendix I-15, General Soil Map report with Irrigable Areas, Rogue Drainage Basin.

Table 5. Major Limitations and Irrigation Suitability, Jackson County Soils

Soil Series	Acres (1,000's)	Irrigation Suitability	Major Limitation
Abiqua.....	4.0	excellent	clay
Agate-Winlow Complex...	20.0	poor	depth
Agate 2.8.....	2.8	fair	depth
Barron 3.5.....	3.5	fair	sand-slope
Brader 43.6.....	43.6	poor	depth-slope
Camas 7.0.....	7.0	poor	gravel
Carney 93.7.....	93.7	poor	clay
(Cd) 109.0.....	109.0	very poor	slope

Table 5 cont. Major Limitations and Irrigation Suitability, Jackson County Soils

Soil Series	Acres (1,000's)	Irrigation Suitability	Major Limitation
Central Point 2.5.....	2.5	excellent	sand
Chehalis 4.0.....	4.0	excellent	none
Coker 26.3.....	26.3	fair	clay
Coleman 3.4.....	3.4	good	slope
Cove 2.5.....	2.5	fair	clay
Coyata 34.6.....	34.6	very poor	slope
Debenger 6.1.....	6.1	fair	slope
Evans 3.0.....	3.0	excellent	none
Freezener 84.2.....	84.2	very poor	slope
(Ho) 22.1.....	22.1	very poor	slope
Josephine 261.7.....	261.7	very poor	slope
Medford 5.8.....	5.8	excellent	none
Newberg 10.0.....	10.0	good	sand
Oatman 1.5.....	1.5	very poor	slope
Pearsoll 14.8.....	14.8	very poor	depth
Phoenix 11.2.....	11.2	fair	clay
Pokegema 268.2.....	268.2	fair	temp-slope
Pollard 25.8.....	25.8	fair	slope
Rockland 3.0.....	3.0	--	--
Ruch 49.9.....	49.9	good	slope
Siskiyou 99.9.....	99.9	very poor	slope
Steiger 74.3.....	74.3	poor	temperature
Steiwer 5.3.....	5.3	fair	depth
(Ta) 90.4.....	90.4	very poor	slope
(Vo) 49.0.....	49.0	very poor	slope
Witzel 43.6.....	43.6	very poor	slope
Woodcock 56.2.....	56.2	very poor	slope
UI 16.8.....	16.8	--	--
UII 34.6.....	34.6	--	--

SOURCE: Simonson, G.H. and W.E. Power, Oregon's Long-Range Requirements For Water, General Soil Map Reports with Irrigable Areas, Appendix I-15, Oregon State University Agricultural Experiment Station with U.S.D.A. Soil Conservation Service in cooperation with Oregon State Water Resources Board.

The Brader series consists of well drained soils formed in colluvium on weakly dissected pediment surfaces and sandstone uplands. Depths to soft sandstone range from 10 to 20 inches and outcrops of bedrock are common. Elevation ranges from 1,200 to 2,500 feet and growing season averages 160 to 180 days. These soils are found primarily in Sams and Bear Creek Valleys.

The Carney series consists of moderately deep, well-drained soils formed in fine-textured colluvium. Depth to sandstone is 20 to 40 inches and elevations range from 1,400 to 2,500 feet. The growing season averages

140 to 180 days and the soil occurs on footslopes and saddles in the east portion of Bear Creek Valley.

The proposed Cd series also has a depth of 20 to 40 inches. It is made up of well-drained soils formed on forested upland slopes. Rock fragments usually make up 50 percent of the lower subsoil and elevations range from 3,500 to 5,000 feet. The soils occur in moderately steep to steep mountainous areas over metamorphized sandstone and shale bedrock.

Poorly drained soils formed in fine-textured alluvium on nearly level terraces make up the Coker series. Elevations range from 1,200 to 1,600 feet and the growing season averages 160 to 180 days. They occur mostly on the east side of Bear Creek Valley and are used primarily for irrigated pasture and pear orchards. However, agricultural use of this soil is limited due to its clayey texture.

The Coyota series consists of moderately deep, well-drained soils over basalt or similar rock on upland slopes. Depth to bedrock is 20 to 40 inches in these soils and elevations range from 2,000 to 3,500 feet. The growing season averages 70 to 100 days and the soils occur in steep to very steep forested uplands.

Freezener soils are well-drained and have formed over basalt on upland slopes. Depth ranges from 40 to 60 inches or more. Rock fragments make up about 30 percent of the lower subsoil. This soil series is found on the same elevations as the Coyota series and has a similar growing season.

Josephine soils make up one of the two largest acreages of any soil series in Jackson County. The series consists of moderately deep, well-drained soils with a depth to bedrock of 20 to 40 inches. Rock fragments make up 50 percent of the subsoil and elevations are from 1,200 to 3,500 feet with a growing season of 130-160 days. These soils are used mainly for forest production with a few of the slightly sloped areas used for pasture. Other agricultural use is limited because of slope.

The Pokegema soil series is the other large acreage soil series in Jackson County. It consists of deep, well-drained soils formed on plateaus and dissected slopes over andesite. Gravel content ranges from 10 to 30 percent and surface boulders and stones are common. Depth is greater than 40 inches and elevations range from 3,500 to 5,000 feet. These soils occur in uplands east of Butte Falls and extend south to the California State line. They are used mainly for forest production and their agricultural use is limited due to a short growing season and the stoniness of the soil.

The Ruch series consists of deep well-drained soils formed in alluvial slope wash. Elevations range from 1,500 to 2,500 feet and the growing season is from 160 to 190 days.

The Siskiyou series consists of moderately deep, excessively drained soils formed on forested upland slopes. Elevations range from 1,500 feet

to 6,000 feet and the growing season is from 70 to 140 days. Depth to hardrock of this series is greater than 60 inches.

Steiger soils range from 2,500 to 5,000 feet, have a short growing season of 70 to 100 days and are found in the alluvial valleys of the upper Rogue River. They are made up of deep, somewhat excessively drained soils found in ashy alluvium. They are found in the alluvial valleys of the upper Rogue River and are used for timber production and sometimes for irrigated pasture.

The proposed (Ta) series consists of well-drained soils formed in clayey alluvium over volcanic breccia. Depth to volcanic breccia is from 20 to 40 inches and the soils are found at elevations ranging from 2,500 to 4,500 feet. Growing season averages 70 to 120 days. These soils occur along the forested portion of Little Butte Creek and Trail Creek.

Another proposed series, the VO series, consists of deep, well-drained soils formed on forested upland slopes. Depth to the underlying bedrock is 20 to 40 inches and elevations range from 3,500 to 5,000 feet.

The Witzel series consists of shallow, stony, excessively drained soils over basalt and similar rocks. Elevations range from 2,000 to 3,500 feet and the growing season averages 130 to 150 days. Agricultural use of Witzel soils is limited by slope, stone content, and depth to bedrock.

The final series, Woodcock, consists of deep, stony, well-drained soils formed on forested ridge tops and mountain slopes over andesite. Gravel and stones make up 30 to 50 percent of the profile. Elevations range from 4,000 to 5,000 feet with a growing season of 50 to 100 days.

Soil Characteristics and Land Capability

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, 1967

Capability Class and Subclass 1/	Use in Acres				
	Cropland	Pasture-Range	Forest	Other Land	Total
I.....	2,633	0	0	0	2,633
II e.....	11,183	0	0	858	12,041
w.....	7,775	0			7,775
s.....	4,260	0		858	5,118
III w.....	5,968	0			5,968
s.....	7,919	0	6,901	858	15,678
IV e.....	11,536	24,017	29,902	3,004	68,459
w.....	9,438	0	1,534	2,145	13,126
s.....	24,648	2,429	2,300	14,591	43,968
V.....					
VI e.....	2,186	36,792	412,341	6,437	457,756
VII e.....		2,055	252,022	4,291	258,368
VIIIs.....		0		5,150	5,150
Total.....	87,546	65,293	705,000	38,192	896,031

1/ See page 8 for description of classes. Subclass "e" indicates main limitation is risk of erosion, "w" indicates that water in or on the soil interferes with plant growth or cultivation, "s" shows that limitation is that soil is shallow, stony or droughty and "c" shows that climate is 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. Land Area and Use of Inventory Acreage, 1967

Use	Acres
Inventory Acreage	
Cropland	87,546
Pasture	13,000
Range	52,293
Forest and woodland	705,000
Other land	38,192
Total inventory acres	896,031
Percent of total land area in inventory	49.71
Non-Inventory Acreage	
Federal land	873,385
Urban and build-up areas	29,024
Water areas	3,800
Total non-inventory acres	906,209
Total land area	1,802,240

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

Table 8. Conservation Treatment Needs, 1967, Jackson County

Classification	Acreage
ALL CROPLAND.....	87,546
Cropland needing treatment.....	73,572
Type of treatment needed:	
Residue cover.....	3,896
Sod in rotation.....	2,154
Drainage.....	6,143
Management.....	33,045
Other.....	15,071
ALL PASTURE.....	13,000
Pasture needing treatment.....	11,258
Type of treatment needed:	
Establishment of vegetation...	9,161
Improvement of vegetation.....	2,097
ALL RANGE.....	52,293
Range needing treatment.....	40,332
Type of treatment needed:	
Improved vegetation.....	29,802
Reestablishment of vegetation.	10,530

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

Land Use and Ownership

Slightly over half of Jackson County is publicly owned. The federal government owns all except for 37,786 acres of this land or 50.8 percent of the total land area. The federal land is mostly in the National Forests in the county. Much of the remaining land is used for intensive agriculture.

The following tables give information on the land use and ownership in the county.

Table 9. Land Use and Ownership, 1964

Item	Jackson County		State
	Acres	Percent	Percent
Total land area.....	1,802,880	100.00	100.00
Land Use			
Urban.....	5,228	.29	.49
Industrial.....	--	--	.16
Military.....	1,442	.08	.10
Intensive agriculture.....	141,706	7.86	6.52
Dryland farming.....	--	--	3.33
Forests.....	1,583,830	87.85	44.84
Parks.....	--	--	.32
Conservation.....	2,344	.13	2.25
Grazing.....	68,329	3.79	41.50
Non-productive land.....	--	--	.49
Land Ownership			
Total land in acres.....	1,802,880	100.00	100.00
Total private land ownership	850,838	47.10	44.20
Total public land ownership.	952,842	52.90	55.80
Federal.....	915,056	50.80	51.80
State.....	10,715	.60	2.90
Local.....	27,071	1.50	1.10

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

Table 10. Inventory of State-Owned Real Property, 1970

Agency	Acres	Land Value	Improvement Value	Total Value	Annual Rental Income
Employment Division.....	.33	$ 35,000	$ 101,000	$ 136,000	
Department of Forestry...	12.46	10,042	314,790	324,832	$ 480
Game Commission.....	2,110.86	145,070	588,915	733,985	1,067
Southern Oregon College..	251.35	1,843,695	21,503,630	23,347,325	36,636
University of Oregon.....	126.94	50,000	--	50,000	--
Division of State Lands..	2,261.68	885,000	--	885,000	--
Military Department.....	5.80	100,750	590,680	691,430	--
Aeronautics Division.....	34.50	6,900	--	6,900	--
Highway Division					
Parks.....	966.84	126,564	700,629	827,193	--
Office Maintenance.....	29.15	86,807	352,426	439,233	2,220
Total.....	5,799.91	3,289,828	24,152,070	27,441,898	40,403

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

Table 11. Land Area in Highways, Streets, and Roads

Ownership	Jackson County	
	Acres	Percent
State highways.....	6,090	39.85
County roads.....	8,050	52.68
City streets.....	1,140	7.46
Total.....	15,280	100.00

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

Agricultural Land

The land base for agriculture in Jackson County has decreased over the last five years, reflecting a national trend. The Census of Agriculture reports that in 1969 28.6 percent of the total land area of the county, or 514,544 acres, wereused as agricultural land. Of this, only 39,791 acres were harvested cropland. The majority of the land (76.02%) is classified as other land. This category includes pastureland other than cropland and woodland pasture, rangeland, and land in house lots, barn lots, ponds, roads, wasteland, etc.

Table 12. Land in Farms, 1964 and 1969

Item	1964		1969	
	Acres	Percent	Acres	Percent
Total land area.....	1,799,650	--	1,799,744	--
Proportion in farms.....	--	35.7	--	28.6
Acres in farms.....	643,385	100.00	514,544	100.00
Cropland harvested.....	46,121	7.16	39,791	7.73
Cropland pasture.....	29,565	4.59	31,284	6.07
Other cropland.....	6,076	.94	4,025	.78
Woodland including woodland pasture.....	156,010	24.24	48,279	9.38
Other land.....	405,620	63.04	391,165	76.02
Irrigated land.....	50,795	7.89	46,688	9.07

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 and 1972.

Forest Land

More than three-quarters of the county area is forest or timberland Much of the forested area contains, or is capable of producing, marketable timber. Commercial timber species include Douglas fir (about 70 percent of the total), other firs, Ponderosa and sugar pine, hemlock, and red cedar. Hardwood species, such as alder, maple, and oak, make up only a small percentage of the total commercial timber volume. Untimbered and uncultivated lands in the county generally support a light cover of annual grasses and weeds which grow in early spring but are dry throughout most of the rest of the year.

Table 13. Forest Acreage, Ownership and Use, 1963

Item	Acres	Percent
LAND		
Total land.....	1,802,000	100.00
Forest land.....	1,538,000	85.34
Commercial.....	1,365,000	75.74
Unproductive.....	170,000	9.43
Productive-reserved.....	3,000	.16
Nonforest.....	264,000	14.65
OWNERSHIP		
All ownerships.....	1,365,000	100.00
National forest.....	399,000	29.23
Other public.....	400,000	29.30
Forest industry.....	309,000	22.04
Farmer and miscellaneous private.....	257,000	18.82

SOURCE: U.S. Forest Service, Forest Statistics for Southwest Oregon, Resource Bulletin PNW-8, Pacific Northwest Experiment Station.

Table 14. Volume of All Growing Stock and Sawtimber by Ownership, 1963

Item	Total Commercial Growing Stock		Total Commercial Sawtimber	
	million cu. ft.	percent	million bd. ft.1/	percent
OWNERSHIP				
National forest.....	2,128	42.67	11,640	42.93
Other public.....	1,421	28.49	7,915	29.19
Forest industry.....	1,045	20.95	6,136	22.63
Farmer and misc. private..	392	7.86	1,423	5.24
Total.....	4,986	100.00	27,114	100.00

1/ International 1/4 inch rule. Not available in Scribner log rule.
SOURCE: U.S. Forest Service, Forest Statistics for Southwest Oregon, Resource Bulletin PNW-8, Pacific Northwest Experiment Station.

Table 15. Volume of All Growing Stock and Sawtimber by Species, 1963

Species	Total Commercial Growing Stock		Total Commercial Sawtimber	
	million cu. ft.	percent	million bd. ft.1/	percent
Softwoods.....	4,646	93.18	20,312	94.99
Douglas fir.....	2,482	49.77	11,757	54.98
Ponderosa-Jeffrey pine.	328	6.57	1,359	6.35
Sugar pine.....	149	2.98	681	3.18
Western white pine.....	52	1.04	225	1.05
Other pines.....	37	.74	36	.16
Grand & white firs.....	897	17.99	3,338	15.61
California and Shasta red fir.....	355	7.11	1,420	6.64
Other true firs.....	3	.06	8	.03
Spruces.....	13	.26	47	.21
Western hemlock.....	41	4.15	164	.76
Incense-cedar.....	170	3.40	844	3.94
Port Orford cedar.....	1	.02	3	.01
Western red cedar.....	2/	--	2	4/
Other softwoods.....	118	2.36	428	2.00
Hardwoods.....	340	6.81	1,071	5.00
Red alder.....	6	.12	28	.13
Bigleaf maple.....	22	.44	65	.30
Oaks 3/.....	138	2.76	583	2.72
Tanoak.....	--	--	1	4/
Pacific madrone.....	163	3.26	375	1.75
Other hardwoods.....	11	.22	19	.08
TOTAL-all species.....	4,986	100.00	21,383	100.00

1/ Scribner log rule. 2/ Less than 500,000 cubic feet. 3/ Includes California black and Oregon white oak. 4/ Less than .01%.

SOURCE: U.S. Forest Service, Forest Statistics for Southwest Oregon, Resource Bulletin PNW-8, Pacific Northwest Experiment Station.

Water

Of the 2,812 square miles of Jackson County, 2,503 (90 percent) lies within the Rogue River Drainage Basin. The remainder of the county, nearly all in the southeastern corner, lies within the boundaries of the Klamath Drainage Basin. The Rogue River Basin is divided into seven sub-basins of which three (the Upper Rogue, Little Bear Creek, and Bear Creek) are almost entirely contained within the boundaries of Jackson County and two other sub-basins (the Middle Rogue and Applegate Valley) are largely contained within the county's boundaries.

The Upper Rogue sub-basin contains all of the Rogue watershed above river mile 133. It also encompasses the major tributary basins of the

Rogue South Fork and Elk and Big Butte Creeks.

The Cascade Range forms the eastern boundary of the Upper Rogue section while the northern boundary, which is the divide between the Rogue and Umpqua Basins, is commonly called the Rogue Range.

This is the largest of all the sub-basins, containing 1,250 square miles, one-quarter of the Rogue Basin, of which 945 square miles are in Jackson County. There are more than 1,200 miles of streams in the Upper Rogue section with the Rogue main stem making up six percent of this total, the South Fork two percent, and most of the remaining streams each less than one-half of one percent.

Bottomland elevations run from 1,200 feet above mean sea level at mile 133 on the Rogue to 2,000 at mile 170.

From its headwaters, mile 213 and elevation 5,100, the Rogue travels in a southwest direction to mile 180 where it takes a nearly southern course to the town of Prospect, mile 171. Here it swings again to a southwest heading for another 23 miles and then continues south for the remainder of the Upper Rogue section.

The Rogue South Fork and Big Butte Creek flow in a generally northwest direction from their headwaters on the western slope of the Cascades while Elk Creek travels from the north to its juncture with the Rogue.

Little Butte Creek sub-basin extends from its confluence with the Rogue at mile 132 to its headwaters at Fish Lake reservoir on its North Fork and near the Cascade Divide on its South Fork. Part of the Little Butte Creek Basin is in the Rogue River National Forest. This sub-basin is bounded on the north by Big Butte Creek drainage, on the south by Bear Creek drainage, on the west by the Rogue River and on the east by the Cascade Divide.

This is the next to the smallest sub-basin with 95 percent of its 374 square miles in Jackson County and the remainder in Klamath County, the total being a little over seven percent of the Rogue Basin area.

The agricultural lands of this sub-basin are approximately 1,400 feet in elevation above mean sea level. Headwater gradients of the streams are steep, above 184 feet per mile in some cases while the main stem averages approximately 33 feet of drop per mile. Most of the land consists of tertiary volcanic rocks of the lava series and there is a little white tuff scattered throughout the sub-basin. Little Butte Creek and its major tributaries flow in a generally northwest direction with the main stem dropping from an elevation of 5,000 feet to 1,200 feet at its mouth.

Bear Creek sub-basin covers the southeast section of the Rogue Basin. Bear Creek joins the Rogue at about mile 127 and its headwaters are in the extreme southeast corner of the Rogue Basin on the western slopes of the Cascade Divide. The western boundary of the sub-basin is the ridges separating Bear Creek drainage from that of the Applegate River while the

separation on the east is from Little Butte Creek drainage.

This is the smallest of the seven sub-basins, 341 square miles, which is only six and one-half percent of the Rogue Basin but is treated separately because it has the heaviest concentration of population and the highest level of development of any region in the Rogue Basin. It lies entirely within Jackson County and is the center of Jackson County economy.

There are 290 miles of streams in the sub-basin; Bear Creek is 25 miles long, Emigrant Creek extends an additional 13 miles, and many tributaries of shorter length make up the remainder of the stream system.

Valley elevations run from 1,140 feet above mean sea level near the mouth of Bear Creek to 2,000 feet in the vicinity of Ashland. The slope of Bear Creek main stem is relatively mild compared to other streams in the Basin, averaging 28 feet of drop per mile, but the slope of Ashland Creek, one of the major tributaries, is more than 400 feet per mile.

Applegate Valley sub-basin includes all of the Applegate River and its tributaries which take in the southern half of the central portion of the Rogue River Basin. Major tributaries of the Applegate are Williams Creek at mile 19.5, the Little Applegate River at mile 34, and Carberry Creek at mile 50. The Applegate River main stem extends to the limits of the Rogue River National Forest located at the summit of the Siskiyou Mountains in California.

The Applegate Valley area, 768 square miles, ranks fourth in size among the sub-basins, makes up 15 percent of the total Rogue Basin and has 420 square miles in Jackson County, 260 in Josephine County, and the remainder in Siskiyou County in California.

There are nearly 700 miles of streams in the valley consisting in part of 51 miles of Applegate River main stem and 20 miles of Little Applegate River with the remainder being composed of many shorter tributaries.

Elevations along the Applegate River go from 850 feet at its mouth to approximately 2,000 feet at the California-Oregon border. There are many peaks in this drainage basin with elevations above 5,000 feet, the highest being Dutchman's Peak, elevation 7,418 located in the southeast corner of the valley at the head of Yale Creek.

Stream slopes are relatively mild in the bottomlands, 24.3 feet of drop per mile for the Applegate River and 33 feet per mile for Williams Creek, but the headwater streams have much steeper slopes.

The Middle Rogue sub-basin includes all of the Rogue River watershed between river mile 68 and 133 with the exception of the Applegate and Bear Creek Basins, each of which is discussed separately. This is an arbitrary subdivision of the Rogue main stem and includes the northern half of the central portion of the Rogue Basin which encompasses the drainage areas

of Grave, Jumpoff Joe, and Evans Creeks as well.

The Rogue Range, which separates the Rogue and Umpqua drainage basins, is the northern boundary of the Middle Rogue River sub-basin. The western boundary is formed by the divide which separates drainage into the Rogue main stem above mile 68 from drainage into other streams or into the Rogue below mile 68. The southern boundary is the divide separating drainage into the Rogue main stem from drainage into either the Applegate River or Bear Creek. The eastern boundary is formed by the divide separating the drainage between Evans and Trail Creeks above mile 149 and between the Rogue main stem and Evans Creek below mile 149.

This is the third largest of the sub-basins and contains 943 square miles, 18 percent of the Rogue Basin, of which 500 square miles are in Josephine County, 440 in Jackson County, and 3 in Douglas County.

Nearly all of the valley lands lie below elevation 1,300. Stream gradients vary widely from tributary to mouth throughout the Basin with the Rogue averaging approximately 9 feet of drop per mile; Evans Creek dropping 270 feet per mile in its headqater areas and then leveling off to an average of 30 feet of drop per mile below river mile 28; Jumpoff Joe Creek averaging approximately 120 feet per mile; Grave Creek 159 feet per mile in the headwater region and approximately 38 feet per mile below river mile 20.

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

Stream and Location	Maximum Discharge		Minimum Discharge	
	Year	Flow (cfs)1/	Year	Flow (cfs)
Rogue R. above Prospect.....	1964	22,400	1931	200
S. Fk. Rogue R. nr. Prospect	1964	7,010	1931	35
Red Blanket Cr. nr. Prospect	1964	3,190	1931	34
Big Butte Cr. nr. McLeod....	1955	8,950	1968	29
Rogue R. nr. McLeod.....	1968	14,500	1968	604
Elk Creek near Trail.....	1964	19,200	1965	.40
Rogue R. nr. Eagle Point....	1964	87,600	1940	611
S.Fk. Little Butte Creek near Lake Creek.....	1962	7,660	1931	2
Emigrant Creek nr. Ashland..	1927	5,260	no flow at times	
Bear Creek at Medford.....	1962	14,500	1927	11
Rogue R. nr. Central Point..	1964	131,000	1931	616

1/ cfs - cubic feet per second.

SOURCE: U.S. Department of Interior, Geological Survey, Water Resources Division, Water Resources Data for Oregon, Part 1, Surface Water Records, 1968.

Table 17. Annual Yield of Representative Streams, Jackson County

Stream and Gaging Point	Drainage Area sq. miles	Years of Record	Mean Annual Yield 1/	
			acre-feet 2/	acre-feet/ sq. mile
Rogue Riv. above Prospect...	312	48	582,100	1,865
S.F. Rogue R. near Prospect.	83.8	44	126,000	1,504
Red Blanket Cr. nr. Prospect	45.5	43	82,530	1,814
Big Butte Cr. nr. McLeod....	245	13	234,600	957
Rogue R. near McLeod.....	938	NA	NA	NA
Elk Cr. near Trail.....	123	23	166,500	1,252
Rogue R. near Eagle Point...	1,215	30	1,877,000	1,545
S.Fk. Little Butte Creek near Lake Creek.....	138	47	75,290	561
Emigrant Cr. nr. Ashland....	64.3	28	20,130	313
Bear Cr. near Medford.....	289	48	77,460	268
Rogue R. near Central Point.	2,053	63	2,110,000	1,028

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 water shed characteristics. 2/ Acre-feet equals the quantity of water (43,650 cu. ft.) that covers one acre to a depth of one foot. NA - Not available.

SOURCE: U.S. Department of the Interior Geological Survey, Water Resources Division, Water Resources Data for Oregon, Part 1, Surface Water Records, 1968.

Only a small part of the county's power potential has been developed and is and is confined primarily to the Rogue River. A major portion of the total water rights for power are in the name of the Pacific Power and Light, Copco Division.

Industrial use is concentrated primarily in the Medford area. While the present use is small, mainly for mill ponds and boilers, it nevertheless must be met. One of the first items considered in determining the location of a new industry is the availability of water.

Municipal rights add up to 331 cfs (1959), 242,000 acre-feet per year with the city of Medford holding rights for 262 cfs, 191,000 acre-feet per year, and the remainder held by municipalities located in all parts of the county. Ninety-five cfs, 69,000 acre-feet per year of Medford's rights, is for use by the Eagle Point Irrigation District to compensate for water diverted by the city from Big Butte Springs. Medford also furnishes

the water requirements for the cities of Central Point and Jacksonville and the town of Eagle Point.

The quantity of water available for municipal use seems to be adequate unless required to supply large industrial developments. Water quality problems are not as pronounced but are equally as important as those of water quantity.

Table 18. Jackson County Municipal Water Supplies

City	Population 1972	Water Source	Treatment
Ashland.....	13,980	Ashland Cr.& Mosler Dam	NA*
Talent.....	2,000	Wells	Chlorine
Phoenix.....	1,425	Wells	Chlorine
Central Point	4,390	Pipeline from Medford	--
Medford.....	31,000	Big Butte Spr.	--
Jacksonville.....	1,915	Medford system & spring in Jackson Creek	--
Gold Hill.....	670	Rogue River	Chlorine

*NA - not available
SOURCE: State Water Resources Board, County Water Resources Committee Reports, 1959.

Ground water is the major source of domestic supplies in the county with the exception of water districts close to Medford and along the route of the aqueducts from Big Butte Springs. The quantity of water is unsatisfactory in a large percentage of the dug wells according to the Jackson County Water Resources Committee. The committee also states that at least 50 percent of the present underground domestic supply in the county is unsatisfactory because of pollution from surface sources, largely dug wells.

In the Rogue stream system in Jackson County, where summer flows and summer precipitation are low and many of the smaller streams become dry each year irrigation is of major importance. Irrigation experience over a period of almost 100 years on lands within the Rogue River Basin has been highly successful. Analyses of soil samples from the lands in the individual divisions show that harmful soluble salt concentrations are negligible and would not render irrigation return flow unfit for rediversion and application of the land for agricultural purposes.

There is an insufficient volume of flow during the summer months to permit direct discharge of municipal sewage into the rivers and streams of the county. Because of this, the larger communities such as Medford now have sewage treatment plants in operation. Of the total number of housing units in Jackson County in 1960, 26,102 units, 13,729 were served by public sewer systems. As the county population increases and industries expand, additional and more complete treatment of sewage wastes will become necessary and many communities which do not presently have sewage treatment facilities will be required to do so.

Table 19. Sewage Treatment Plants, 1967

Location	Year Built	Type 1/	Design Population	Population Served	Receiving Stream
Ashland.....	1936-61	TF	15,000	12,500	Ashland Cr.
Eagle Point....	1962	L	1,750	1,040	Little Butte Cr.
Gold Hill.....	1939	TF	560	570	Rogue River
Medford.....	1942-49	TF	35,000	30,000	Rogue River
Talent.....	1936	TF	700	1,000	Bear Creek

1/ TF - trickling filter; L - lagoon
SOURCE: Oregon State Department of Environmental Quality, Water Quality Control in Oregon, Oregon Sanitary Authority, 1970.

Water-based Recreation

The numerous lakes, rivers and streams within Jackson County provide unlimited opportunities for recreation. There are several state parks, U.S. forest service parks, and local parks which provide facilities for camping, boating, fishing, and other water recreation activities. For additional information on water-based recreation facilities see Outdoor Recreation section of this publication.

Table 20. Area of Lakes and Reservoirs, Jackson County, 1958

Lake or Reservoir	Acres	Square Miles
Indian Lake Reservoir.....	50	.08
Willow Creek Reservoir.....	435	.68
Savage Rapids Pool.....	50	.08
Yankee Reservoir.....	50	.08
Fish Lake Reservoir.....	515	.80
Lost Lake.....		
Howard Prairie Reservoir.....	2,074	3.24
Hyatt Prairie Reservoir.....	1,075	1.68
Emigrant Reservoir.....	940	1.47
Reader Reservoir.....	20	
Squaw Lake Reservoir.....	90	.14
McKee Lake.....	20	

SOURCE: Oregon State Water Resources Board, Rogue River Basin, January, 1959.

Minerals

Initially the economy of Jackson County was based upon mining with the first boom to settlement of the area occurring when gold was discovered in 1852 near Jacksonville. Mining development was rapid but reached its peak soon and fell off rapidly.

Mineral deposits present in order of their economic value in 1970 were sand and gravel, stone, pumice, and mercury as reported by the U.S. Bureau of Mines.

Other mineral deposits existing within the county in scattered locations are: antimony, cobalt, copper, magnanese, nickel, quicksilver, tungsten, asbestos, bentonite, coal, granite, limestone, and silicia.

Wildlife

The Rogue River Basin, containing almost all of Jackson County, long has been nationally known for its anadromous and resident fishery resources. The principal anadromous fishes are chinook and coho, or silver salmon; and steelhead and searun cutthroat trout. In the upper segments of most streams, native rainbow and cutthroat trout, as well as introduced brown and eastern brook trout, are present.

The wildlife resources of Jackson County are divided into four major categories which are big game, upland game, fur animals and waterfowl. The principal big-game resource is the Columbian blacktailed deer, which ranges over most of the county. Elk are found in limited numbers in

various areas as are black bear.

The major upland game are ring-necked pheasant and valley quail. Mourning doves and bandtailed pigeons are common, and there are small numbers of brush rabbits and silver-gray squirrels. The mountainous and woodland areas of the county are occupied by mountain quail, ruffed grouse, and sooty grouse.

Muskrats, minks, and beavers are the principal fur animals of the county. Such species as skunks, weasels, and raccoons are generally taken incidental to trapping operations directed at the more valuable fur species.

Most of the waterfowl occur in those areas of the county where croplands and irrigation or power reservoirs provide feeding and nesting area. Nesting, mainly by mallards and a few wood ducks, occurs along the natural watercourses, in small marsh areas, and along irrigation systems. Migratory flights consist principally of mallards, baldpates, pintails, green-winged teal, scaups, and wood ducks.

Table 21. Big Game Animal Population Trends, Jackson County

Animal and Game Management Unit 1/	Miles Traveled	Animals Observed 1971	Animals Per Mile		
			1971	1970	5 yr. average*
Black-tailed Deer					
Applegate.....	23	294	12.8	8.8	11.7
Evans Creek.....	40	124	3.1	1.3	1.7
Rogue.....	65	788	12.1	9.5	15.3

* 5 year average - 1966-70

1/ Game Management units are not fully contained within Jackson County, nor do those units given completely cover the county.

SOURCE: Oregon State Game Commission, 1971 Annual Report, Oregon State Game Commission.

HUMAN RESOURCES

Population

The population of Jackson County was estimated at 100,100 in 1972, or about 38.55 persons per square mile. Approximately 60 percent of the people live in urban areas and 40 percent rural nonfarm and farm population. The largest city is Medford, with 31,000 in 1972.

Table 22. Number of Persons by Racial Group for Jackson County, 1970

Racial Group	Number of Persons
Total	94,533
Caucasian	92,043
Spanish Language	1,571
Black	51
American Indian	433
Other	435

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

Table 23. Jackson and Bordering Counties, Population and Rank Order in Oregon, 1960 and 1972

County	1960		1972	
	Rank	Population	Rank	Population
JACKSON	6	73,962	6	100,100
Klamath	10	47,475	11	51,940
Josephine	14	29,917	14	38,500
Douglas	7	68,458	8	73,950

SOURCE: 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 24. Land Area and Population Density, 1950, 1960, 1970

County and State	Land Area	Population Density		
		1950	1960	1970
	sq. miles	- - persons per sq. mile - -		
JACKSON.....	2,816	20.8	26.3	33.6
Klamath.....	5,972	7.1	7.9	8.4
Josephine.....	1,625	16.3	18.4	21.9
Douglas.....	5,061	10.8	13.5	14.2
Oregon.....	96,248	15.8	18.4	21.7

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

Population growth in Jackson County was very rapid between 1960 and 1966. The county growth rate was approximately 28 percent. This compared to a 12 percent increase for the State of Oregon and an 8 percent increase for the nation during the same period of time. In recent years the population has continued to increase but at a much slower rate.

Table 25. Population Growth, Jackson County

Year	Population	Percent Increase	
		Period	Percent
1910.....	25,756		
1920.....	20,405	1910-1920	(20.0)
1930.....	32,918	1920-1930	61.2
1940.....	36,213	1930-1940	10.0
1950.....	58,510	1940-1950	66.7
1960.....	73,962	1950-1960	26.4
1965.....	92,100	1960-1965	24.5
1970.....	94,533	1965-1970	2.6
1972.....	100,100	1970-1972	5.8

SOURCE: Center for Population Research and Census, Population Estimates of Counties and Incorporated Cities of Oregon, Portland State University, 1972; and U.S. Bureau of the Census, Census of Population: General Population Characteristics, Final Report PC(1)-B39, Oregon U.S. Government Printing Office, Washington, D.C., various editions.

Table 26. Components of Change in Jackson County's Population, 1940-1970

Year	Net Charge	Natural Increase	Net Change
1940-1950.....	22,297	4,927	17,370
1950-1960.....	15,452	8,083	7,369
1960-1970.....	20,570	14,090	14,556

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

Table 27. Urban and Rural, Population, Jackson County

Year	Urban		Rural	
	Population	Percent Change	Population	Percent Change
1950....	25,044		33,466	
1960....	33,544	33.9	40,418	20.8
1970....	52,216	44.5	42,317	4.5

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 28. Population Estimates of Incorporated Cities, Selected Years, Jackson County, 1960-1972

City and County	1960	1966	1971	1972
Ashland.....	9,119	12,200	13,000	13,980
Butte Falls.....	384	389	396	400
Central Point.....	2,289	3,800	4,180	4,390
Eagle Point.....	752	1,040	1,350	1,535
Gold Hill.....	608	600	625	670
Jacksonville.....	1,172	1,364	1,780	1,915
Medford.....	24,425	29,300	30,150	31,000
Phoenix.....	769	1,140	1,370	1,425
Rogue River.....	520	660	840	845
Talent.....	868	1,310	1,650	2,000
Jackson County.....	73,962	95,000	97,620	100,100

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

The composition of Jackson County's population by age and sex is much the same by percent as that of the State of Oregon. About 36 percent of the county's population is under 20 years of age, 52 percent in the 20 to 64 age group and the remaining 12 percent 65 years and over. The median age in Jackson County in 1970 was 30.6 years of age. Composition by sex in the county is split almost in half, with 49.4 percent of the population males and 50.6 percent females.

Table 29. Population by Age and Sex, 1960 and 1970

Age Group	Male		Female		Total		Percent	
	1960	1970	1960	1970	1960	1970	1960	1970
Total population	37,281	46,688	36,681	47,845	73,962	94,533	100.0	100.0
Under 5...	3,713	3,497	3,442	3,382	7,364	6,879	9.8	7.3
5-9...	3,860	4,488	3,778	4,083	7,638	8,571	10.3	9.0
10-14...	3,737	4,893	3,476	4,804	7,313	9,697	9.9	10.3
15-19...	2,823	4,461	2,825	4,700	5,648	9,161	7.6	9.7
20-24...	1,682	3,003	1,930	3,557	3,612	6,560	4.9	6.9
25-34...	4,050	5,384	4,364	5,559	8,414	10,943	11.4	11.6
35-44...	4,768	5,128	4,949	5,359	9,717	10,487	13.2	11.1
45-54...	4,793	5,558	4,385	5,601	9,178	11,159	12.4	11.8
55-64...	3,737	4,999	3,319	4,870	7,106	9,869	9.6	10.4
65 and over...	4,068	5,277	4,003	5,930	8,071	11,207	10.9	11.9
Median age.....	32.2	30.3	31.3	30.9	31.8	30.6	--	--

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 30. Population of Selected Cities by Age and Sex, 1960 and 1970

Age Group	Ashland		Central Point	
	1960	1970	1960	1970
Under 5.....	875	776	245	340
5-14.....	1,614	1,813	485	926
15-24.....	1,550	3,629	332	626
25-34.....	930	1,355	284	575
35-44.....	109	1,039	293	465
45-54.....	948	1,127	272	400
55-64.....	802	1,020	158	333
65 and over.....	1,295	1,583	220	339
Total population.....	9,119	12,342	2,289	4,004
Male.....	4,447	5,844	1,129	1,928
Female.....	4,672	6,498	1,170	2,076

Age Group	Jacksonville		Medford	
Under 5.....	113	N.A.	2,491	2,335
5-14.....	222	"	4,787	5,292
15-24.....	117	"	2,980	4,472
25-34.....	136	"	2,931	3,473
35-44.....	123	"	3,395	3,035
45-54.....	120	"	3,029	3,427
55-64.....	132	"	2,149	2,866
65 and over.....	210	"	2,662	3,554
Total population.....	1,172	"	24,425	28,454
Male.....	587	"	11,801	13,592
Female.....	585	"	12,624	14,862

N.A. - not available

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 editions.

Employment

The 1970 Census of Population reported in 1970 the total civilian labor force in Jackson County was 35,664 or 38 percent of the total population. At that time the unemployment rate was 8.84 percent of the total labor force or 3,151 unemployed. For number of persons unemployed, the county ranked 6th in the state, however, ranking by percent unemployed, it was slightly lower, at 9th in the state.

About 8.3 percent of those employed worked in agriculture. However, this does not include the seasonal workers employed in growing and harvesting crops during June, July, and August. About 17 percent of those employed worked in manufacturing with lumber and wood products manufacturing employing the major share. About 31 percent of those employed worked in services and wholesale and retail trade. Government alone employed 17.4 percent of the total labor force.

Table 31. Employment Status, 1960 and 1970

Subject	Jackson County		Medford	
	1960	1970 1/	1960	1970 1/
Total males, 14 years and over...	26,558	32,821	8,302	9,442
Total labor force.....	19,222	23,182	6,494	7,227
Armed forces.....	38	60	18	16
Civilian labor force.....	19,184	23,122	6,476	7,211
Employed.....	17,852	20,942	6,111	6,578
Unemployed.....	1,332	2,180	365	633
Not in labor force.....	7,336	9,639	1,808	2,215
Inmate of institution.....	1,066	1,256	49	85
Enrolled in school.....	2,120	2,074	502	379
Other.....	4,150	6,309	1,257	1,751
Total females, 14 years and over.	26,318	34,614	9,200	10,903
Total labor force.....	7,998	12,542	3,357	4,642
Employed.....	7,448	11,571	3,114	4,333
Unemployed.....	550	971	243	309
Not in labor force.....	18,320	22,072	5,843	6,261
Inmate of institution.....	175	358	46	76
Enrolled in school.....	2,363	2,984	669	637
Other.....	11,796	18,730	3,813	5,548
Married (husbands present), in labor force.....	3,986	8,146	1,315	2,870

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 and 1972 editions.

Table 32. Industry Group of Employed, 1960 and 1970

Industry	Number Employed 1/ 1960	1970
Agriculture	2,190	2,597
Forestry and fisheries	223	
Mining	70	30
Construction	1,757	1,766
Manufacturing	5,531	6,000
Lumber and wood products	4,103	4,110
Food and kindred products	444	324
Other manufacturing	984	1,566
Transportation	743	867
Communications	307	487
Wholesale trade	1,154	1,674
Retail trade	344	6,315
Business services	73	2,361
Personal services	184	2,079
Hospitals	66	1,992
Educational services	157	3,318
Professional and related services	32	573
Public administration	125	1,386
Utilities and sanitary services	NA	568
Welfare, religious, nonprofit, membership organizations	NA	500

1/ Persons may be categorized in different industry groups in different years.

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 and 1972 editions.

Table 33. Percent of Age Group in Labor Force, 1970

Age Group	Jackson County		Medford	
	Male	Female	Male	Female
Years				
14-15	26.3	5.3	26.7	5.4
16-17	51.6	18.9	58.0	28.3
18-19	65.0	46.5	75.6	57.4
20-21	64.9	42.9	82.2	47.2
22-24	80.1	46.5	86.2	52.9
25-34	93.2	38.6	93.5	43.8
35-44	92.1	48.6	93.6	59.8
45-64	78.7	43.0	85.4	54.3
65 and over	17.0	8.2	20.2	7.7

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. Jackson County Occupations, 1970

Occupation	Number Employed		
	Male	Female	Total
Total employed, 16 years and over	20,942	11,571	32,513
Professional, technical, and kindred workers	2,467	1,758	4,225
Engineers	186	--	186
Physicians and related practioners	273	-	273
Other health workers	166	349	515
Teachers	443	639	1,082
Technicians, except health	215	15	230
Other professional workers	1,273	666	1,939
Managers and administrators	2,633	580	3,213
Sales workers	1,730	946	2,676
Clerical and kindred workers	1,000	3,879	4,979
Craftsmen and kindred workers	3,984	215	4,199
Operative except transport	2,463	666	3,129
Transport	1,521	91	1,612
Laborers except farm	1,919	143	2,062
Farmers and farm managers	449	59	508
Farm laborers	1,037	175	1,212
Service workers	1,630	2,655	4,285
Cleaning service	646	259	905
Food service	409	1,273	1,682
Health service	36	584	620
Personal service	174	396	570
Protective service	279	7	286
Private household	6	404	410

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 35. Number of Hired seasonal Workers in Agriculture by Type of Worker, 1965 and 1971, Midmonth Figures

Month	Medford Area					
	Local		Intrastate Migratory		Intrastate Migratory	
	1965	1971	1965	1971	1965	1971
May	800	100	--	--	--	--
June	500	390	--	50	150	25
July	580	175	20	150	20	50
August	730	100	115	75	225	50
September	480	405	250	90	590	1,240
October	20	200	--	25	--	350

SOURCE: 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 36. Annual Average Labor Force in Jackson County, 1968-1971

Industry	Number of Persons			
	1968	1969	1970	1971
Civilian labor force	37,270	38,510	40,410	43,040
Workers in labor management disputes	0	10	0	0
Unemployment	2,350	2,680	3,430	3,270
Percent of labor force	6.3	7.0	8.5	7.6
Employment	34,920	35,820	36,980	39,770
Agricultural	3,020	3,170	3,230	3,310
Nonagricultural	31,900	32,650	33,750	36,460
Self-employed, unpaid family and domestics	5,000	5,180	5,320	5,600
Wage and salary workers	26,900	27,470	28,430	30,860
Manufacturing	6,490	6,210	5,990	6,740
Durable goods	NA*	NA	NA	5,750
Lumber and wood	5,170	4,750	4,540	5,050
Primary metal	NA	NA	NA	220
Other durables	NA	NA	NA	480
Nondurable goods	NA	NA	NA	990
Food products	420	440	400	550
Paper	NA	NA	NA	410
Other	900	1,020	1,050	80
Nonmanufacturing	20,410	21,260	22,440	24,120
Contract construction	1,020	870	900	1,130
Transportation, communication, utilities	1,690	1,740	1,770	1,870
Wholesale and retail trade	6,280	6,810	7,000	7,360
Finance, insurance and real estate	1,380	1,400	1,510	1,540
Service and miscellaneous	3,920	4,230	4,640	5,330
Government	6,120	6,210	6,620	6,890

*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 37. Median Earnings of Selected Occupation Groups, 1959 and 1969

Occupation Group	1959	1969
Male, total with earnings.....	$ 4,869	$ 7,226
Professional, manageral, and kindred workers.....	6,269	9,209
Farmers and farm managers.....	2,840	3,393
Craftsmen, foremen, and kindred workers.....	5,362	8,052
Operatives and kindred workers.....	4,808	7,182
Farm laborers.....	1,815	1,361
Laborers, excluding farm and mine...	3,906	6,014
Female, total with earnings.....	1,693	2,006
Clerical and kindred workers.....	2,539	3,385
Operatives and kindred workers.....	1,500	2,225

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 and 1972 editions.

Table 38. Covered Payrolls and Employment by Industry, 1970 and 1971.

Industry	Average Employment		Annual Payroll
	1970	1971	1971
Agriculture, forestry, and fisheries.....	162	228	$ 1,433,898
Mining.....	35	35	279,433
Contract construction.....	812	1,102	10,410,681
Lumber and wood products manufacturing...	4,558	5,118	46,018,580
Food and kindred products manufacturing..	363	466	3,266,402
Other manufacturing.....	1,052	1,199	10,427,366
Transportation, communication, electric, gas, and sanitary services.....	1,455	1,510	14,065,189
Wholesale and retail trade.....	6,467	6,923	37,438,831
Finance, insurance and real estate.....	778	794	4,904,146
Services and miscellaneous.....	2,757	3,060	13,050,673
Government.....	1,564	1,614	14,665,260
Yearly total.....	20,006	22,051	155,970,604

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

Table 39. Number and Percent of Persons Unemployed in Jackson and Bordering Counties, 1968 and 1971

County	Number of People		Percent of Labor Force	
	1968	1971	1968	1971
JACKSON.....	2,350	3,270	6.3	7.6
Josephine.....	1,120	1,840	8.5	11.4
Douglas.....	1,700	2,160	6.1	7.3
Klamath.....	930	1,350	4.7	6.4
Oregon.....	38,600	59,800	4.4	6.3

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 40. Major Occuption Group of Unemployed, 1960 and 1970

Occupation Group	Number of Persons	
	1960	1970
Professional, technical, and kindred workers1/	31	175
Farmers and farm managers.....	4	--
Managers, officials and proprietors, excluding farm.....	57	--
Clerical and kindred workers.....	174	298
Sales workers.....	89	164
Craftsmen, foremen, and kindred workers.....	258	652
Operatives and kindred workers.....	330	845
Service workers, including private household.....	224	350
Farm laborers.....	180	127
Laborers, excluding farm and mine.....	428	408
Occupations not reported.....	71	--

1/ Includes managerial workers in 1970.

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

Table 41. Local Government Employees and Payroll, October, 1967.

Item	Employees and Earnings
Employees	3,296
Full-time only	2,711
Full-time equivalent employment	2,884
Education	1,799
Teachers only	1,149
Functions other than education	1,085
Highways	233
Public welfare	32
Hospitals	62
Health	21
Police protection	126
Fire protection	87
Sewerage	19
Sanitation other than sewerage	6
Parks and recreation	39
Natural resources	41
Housing and urban renewal	1
Correction	32
Libraries	73
Financial administration	76
General control	94
Water supply	55
Other local utilities	13
Other and unallocable	75
October payroll	$ 1,498,000
Education	974,000
Teachers only	787,000
Functions other than education	524,000
Average monthly earnings, full-time employment	
Teachers	$ 685
Others	421

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 42. Net Effective Buying Income Estimates, 1967 and 1969

Area	Net Dollars		Per Household	
	1967	1970	1967	1970
	--thousand dollars --		--dollars--	
Oregon.....	5,224,888	6,650,690	8,113	9,440
Jackson.....	255,187	269,503	7,506	8,422

SOURCE: Bureau of Business and Economic Research, Oregon Economic Statistics 1972, University of Oregon, 1969, 1972.

Table 43. Bank Debits and Deposits, 1965-1971

Year	Bank Debits1/	Bank Deposits
	-- thousand dollars --	
1965.....	1,093,959	113,168
1966.....	1,111,533	124,650
1967.....	1,093,708	127,086
1968.....	1,189,040	142,333
1969.....	1,328,080	152,599
1970.....	1,379,306	163,086
1971.....	1,690,475	NA*

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.

* Not available

SOURCE: Bureau of Business and Economic Research, Oregon Economic Statistics, 1972, University of Oregon, 1969, 1972.

Table 44. Income and Poverty Data for Racial Groups, Jackson County, 1970

Item	Number	Percent
Mean Income		
Families:		
All races.....	$ 9,624	1/
Caucasian.....	9,648	
Spanish language.....	8,937	
Black.....	3,091	
Other.....	7,934	
Unrelated individuals:		
All races.....	3,169	
Caucasian.....	3,197	
Spanish language.....	2,526	
Black.....		
Other.....	1,453	
Families by Family Income Class		
All races:		
under $3,999.....	4,285	17.03
$4,000-$5,999.....	3,222	12.81
$6,000-$11,999.....	11,384	45.26
$12,000+.....	6,261	24,89
total.....	25,152	100.00
Caucasian:		
under $3,999.....	4,157	15.60
$4,000-$5,999.....	3,163	11.87
$6,000-$11,999.....	11,191	42.01
$12,000+.....	6,123	22.98
total.....	26,634	100.00
Spanish Language:		
under $3,999.....	71	20.57
$4,000-$5,999.....	49	14.20
$6,000-$11,999.....	120	34.78
$12,000+.....	105	30.43
total.....	345	100.00
Black:		
under $3,999.....	14	82.35
$4,000-$5,999.....		
$6,000-$11,999.....	3	17.64
$12,000+.....		
total.....	17	100.00
Other :		
under $3,999.....	43	27.56
$4,000-$5,999.....	10	6.41
$6,000-$11,999.....	70	44.87
$12,000+.....	33	21.15
total.....	156	100.00
Income below poverty level (bpl)		
Families bpl		
All races.....	2,528	100.00
Caucasian.....	2,445	96.71
Spanish language.....	42	1.66

Table 44, cont. Income and Poverty Data for Racial Groups, Jackson County, 1970

Item	Number	Percent
Black.....	9	.35
Other.....	32	1.26
Persons in families bpl.....	8,298	
Unrelated individuals bpl		
Under 65.....	1,808	
65 and over.....	1,409	
Male family head, 14-64 yrs., bpl		
Employed.....	692	
Unemployed.....	197	
Not in labor force.....	373	
Female family heads bpl in labor force with children below 6 yrs.....	142	
Income source of families and unrelated individuals bpl		
Earnings.....	2,832	
Social security or railroad retirement.....	2,185	
Public assistance or welfare.....	740	

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, Corvallis, Oregon, 1972.

Table 45. Formal Education Facilities, Jackson County, 1968-69 and 1971

School district, type of school, and number of type	Enrollment 1/ 1968-69	Enrollment 1/ 1971	1971 High School Graduates
Applegate School District #40	79	75	
Elementary - 1	79	75	
Ashland School District #5	2,882	2,852	
Sr. High School - 1	716	755	237
Jr. High School - 1	787	778	
Elementary - 5	1,379	1,319	
Buttte Falls School District #91	153	184	
Sr. High School - 1	81	87	16
Elementary - 1	71	97	
Central Point School District #6	3,469	3,723	
Sr. High School - 1	777	850	106
Jr. High School - 1	708	857	
Elementary - 6	1,984	1,908	
Primary - 1		108	
Eagle Point School District #9	1,999	2,108	
Sr. High School - 1	640	674	157
Middle School - 1	1,358	436	
Elementary - 4		998	
Medford School District #549	1,719	9,991	
Sr. High School - 2	3,099	3,122	678
Jr. High School - 2	1,603	1,642	
Elementary - 13	5,017	5,147	
Phoenix School District #4	1,722	1,747	
Sr. High School - 1	555	602	148
Jr. High School - 1	299	313	
Elementary - 2	869	832	
Pinehurst School District #94		11	
Elementary School - 1		11	
Prospect School District #59	256	249	
Sr. High School - 1	84	84	18
Elementary - 1	172	165	
Rogue River School District #35	835	964	
Sr. High School - 1	272	319	74
Elementary - 2	563	645	
County Totals	21,029	20,457	
Sr. High School - 8	6,140	5,643	1,569
Jr. High School - 5	3,397	3,590	
Elementary - 37	11,492	11,224	

1/ Average daily membership

SOURCES: Oregon Board of Higher Education, Summary of Pupil Personnel for Fiscal Year Ending June 30, 1968, and 1971-72 Oregon School-Community College Directory, and 1971 Oregon Public High School Graduates, School Finance and Statistical Services.

Table 46. Racial and Ethnic Distribution of Public School Enrollment, Jackson County, by School District, 1972

District	White	Black	American Indian	Spanish Surname	Other1/	Total
	- --- number of students - - -					
Applegate.....	99	-	5	-	1	105
Ashland.....	2,815	2	9	41	19	2,884
Butte Falls.....	212	-	1	2	1	216
Central Point.....	3,774	1	17	33	14	3,839
Eagle Point.....	2,178	-	13	37	18	2,246
Medford.....	9,799	9	33	67	58	9,966
Phoenix.....	1,785	1	16	30	14	1,856
Pinehurst.....	13	-	1	1	-	15
Prospect.....	251	-	1	3	-	255
Rogue River.....	1,043	1	-	-	5	1,049
Total.....	21,967	14	96	214	130	22,421

1/ Includes Japanese, Chinese, Filipino, and others.
SOURCE: Compiled from Oregon Board of Education reports by OSU Extension Service.

There is one institution of higher education that is located in Jackson County. Southern Oregon College was established in 1869 by the Methodist Episcopal Church. The school offers Bachelor's degrees in Business, Education, 16 areas of Liberal Arts and Sciences and General Studies. At the Graduate level, Master's degree programs are available in Elementary or Secondary Education, Humanities, Science-Mathematics, or Social Sciences in General Studies. An Associate-in-Science degree is offered in Nursing, Office Administration and Business.

The following table gives data on enrollment:

Enrollment for Southern Oregon College, 1972-73

Enrollment	Fall, 1972	Spring, 1973
Total.....	4,500	4,111
Full-time.....	3,857	3,399
Part-time.....	643	712

SOURCE: Telephone interveiw with Registrar's Office, Southern Oregon College

Table 47. Years of School Completed by Population 25 Years and Over, Jackson County, 1970

Education	Number Males	Number Females	Total	Percent
Total, 25 years and over.....	26,314	27,322	53,636	100.00
No school years completed	135	83	218	.40
Elementary: 1-4 years.....	464	308	772	1.43
5-7 years.....	2,241	1,330	3,571	6.65
8 years.....	3,643	3,427	7,070	13.18
High School: 1-3 years.....	5,492	5,873	11,365	21.18
4 years.....	8,095	10,647	18,752	34.94
College: 1-3 years.....	3,283	3,479	6,762	12.60
4 years or more.....	2,961	2,175	5,136	9.57
Median school years completed...	12.1	12.2	12.15	--

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 48. Jackson County Residents Enrolled in Higher Education Institutions, Fall 1971

Institution	Number Enrolled
Total enrolled.....	2,700
Eastern Oregon College.....	3
Oregon College of Education.....	12
Oregon State University.....	302
Portland State University.....	38
Southern Oregon College.....	1,918
University of Oregon.....	311
Oregon Technical Institute.....	82
University of Oregon Dental School....	10
University of Oregon Medical School...	24
Total in private and independent institutions.....	117

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

Table 49. Youth Organizations, Jackson County

Organization	Membership
Boy Scouts	2,000
Camp Fire Girls	890
4-H	1,486
Future Farmers	214
Girl Scouts	1,028
Junior Achievement	*
YMCA (Ashland)	300
YMCA (Medford)	3,001

* No chapter in the county.

SOURCE: Telephone interviews with Medford Area Boy Scout Office, (1973 data); Camp Fire Girl's Office, (April, 1973 data); Girl Scout Office, (1973 data); and Ashland and Medford YMCA offices, (July, 1973 data); and State Dept. of Education and State Extension Office, 4-H Division, unpublished data, (1972 data.)

Although Jackson 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 50. Felonies and Juvenile Delinquency, 1968

Subject	Number
Commitments to felony and correctional institutions, 1967-68	
Total commitments	54
Oregon State Penitentiary	14
Oregon State Correctional Institution	16
MacLaren (boy's training school)1/	19
Hillcrest (girl's training school)1/	5
Juvenile court cases, 1968	
All cases	3,365
Delinquency	1,984
Traffic	1,114
Other	267

1/ Oregon State Department of Human Resources, Children Services Division, Adolescent Population and Commitment Data by County, by Calandar Year 1967-1970. (Data is for 1970)

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

Health and Vital Statistics

Jackson County allocated $419,622 to the county health budget in 1969-70. This amounts to $4.48 per person which compares to a state average of $5.70.

In general, the health facilities are adequate for county needs, although a rehabilitation center is needed in the county. It is programed for one of the existing hospitals.

There are slightly more medical personnel practicing in Jackson County than the state average. The following tables give information on the facilities for health care in the county and statistics on health problems.

Table 51. Existing Medical Facilities, Number of Existing Beds, and Number of Beds Needed, Jackson County, 1971 1/

Category and Community	Number of Facilities		Number of Beds	
	existing	needed	existing	needed
General Hospital				
Ashland	1	1	36	36
Central Point	1	1	28	28
Medford	2	2	301	306
Area total	4	4	365	370
Long-term Care Facilities				
Ashland 2/	1	1	23	23
Medford 2/	1	1	16	16
Ashland	1	2	38	54
Central Point	0	1	0	15
Jacksonville	0	1	0	15
Medford	4	4	375	498
Diagnostic and treatment centers				
Ashland	1	1		
Medford	2	2		
Central Point	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: There is a rehabilitation center programmed for a general hospital in Medford according to the Oregon State Plan for Modernization of Hospitals.

2/ Long-term care beds in area hospitals.

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

Table 52. Percent Occupancy of Existing Medical Facilities, 1969

Name of Facility	Location	Total Capacity	Percent of Occupancy
General Hospitals			
Ashland Community.....	Ashland	36	54
Crater Osteo.....	Central Point	28	94
Providence.....	Medford	93	85
Rogue Valley Memorial.....	Medford	178	80
Rogue Valley Addition.....	Medford	30 uc 1/	--
Long-term Care Facilities			
Ashland Community Hosp....	Ashland	23	32
Rogue Valley Memorial.....	Medford	16	60
Beecher Sanitarium 2/.....	Ashland	31	65
Mountain View Nursing Home.....	Ashland	38	90
Golden Age Nursing Home2/.	Central Point	29	111
Paradise Nursing Home 2/	Central Point	16	105
Jacksonville Nursing Home2/	Jacksonville	20	145
Hearthstone Convalescent Center.....	Medford	164	74
Jackson County Farm Home..	Medford	56	90
Rogue Valley Manor.....	Medford	40	59
Southern Oregon College Center.....	Medford	33	90
Rogue Valley Nursing Home2/	Medford	115	58
Total for area.....		452	

1/ These beds under construction at time of publication.
2/ These facilities do not have the "skilled nursing care" required of long-term care facilities according to federal standards so they are not included in total.
SOURCE: Oregon State Board of Health, Health Facility Planning and Construction Section, Oregon State Plan for Construction and Modernization of Hospitals, Public Health Centers and Medical Facilities, 1971 Annual Revision, 1971.

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

Profession	Jackson County		State
	Number	Ratio 1/	Ratio 1/
Medical doctors and doctors of osteopathy.....	121	774	770
Dentists.....	64	1,464	1,470
Registered nurses.....	275	341	276
Licensed practical nurses.....	99	946	1,002
Pharmacists.....	58	1,616	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, 1968-69

Facility	Jackson County		State
	Number	Ratio	Ratio
Psychiatric hospitals.....	54	58	134
Mental health clinics.....	530	566	460

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

Table 55. Births and Deaths by Major Category, Jackson County and State of Oregon, 1967 and 1971

Category	Jackson County				State
	Number		Rate		Rate
	1967	1971	1967	1971	1971
All births 1/.....	1,305	1,435	13.7	14.7	15.6
All deaths 1/.....	836	1,058	8.8	10.8	9.4
Illegitimate births 2/.....	1,305	96	65.1	66.9	78.1
Premature births 2/.....	49	83	51.6	57.8	57.4
Infant deaths 2/.....	23	20	17.6	13.9	18.4
Accidental deaths 3/.....	49	58	51.6	59.4	61.3

1/ Rates per 1,000 population
2/ Rates per 1,000 live births
3/ Rate per 100,000 population
SOURCE: Oregon State Department of Human Resources, State Health Division, Vital Statistics Section, Vital Statistics Annual Report, 1970 and 1971.

Table 56. Health Statistics, Jackson County, 1971

Item	Jackson County		State
	Number	Rate 1/	Rate 1/
Morbidity			
Tuberculosis.....	13	13.3	11.6
Syphilis.....	3	3.1	5.3
Gonorrhea.....	269	275.6	422.0
Influenza.....	1,006	1,030.5	1,171.7
Hepatitis, (infectious)	16	16.8 2/	45.1 2/
Measles (Rubella).....	23	23.6	18.1
Deaths from all causes.....	1,058	10.8 3/	9.4 3/
Malignant neoplasms (cancer).....	202	206.9	168.4
Diabetes mellitus.....	12	12.3	13.3
Heart diseases.....	453	464.0	349.6
Cerebrovascular diseases.....	89	91.2	110.9

Table 56 cont. Health Statistics, Jackson County, 1971

Item	Jackson County		State
	Number	Rate 1/	Rate 1/
Arteriosclerosis	30	30.7	21.2
Other cardiovascular diseases	15	15.4	17.3
Influenza and pneumonia	22	22.5	26.4
Bronchitis, emphysema, asthma	38	38.9	26.9
Peptic ulcer	5	5.1	4.3
Cirrhosis of liver	12	12.3	15.8
Congenital anomalies	8	8.2	8.2
Certain infancy mortality causes	7	7.2	14.7
All other diseases	84	86.0	76.9
Accidents	58	59.4	61.3
Suicides	15	15.4	14.9
Homicides	6	6.1	3.8

1/ Rate per 100,00 population
2/ 1966-68 average, taken from State of Oregon, Office of the Governor, Planning Section, Health Facts, 1969.
3/ Rate per 1,000 population
SOURCE: Oregon State Department of Human Resources, State Health Division, Vital Statistics Section, Vital Statistics Annual Report, 1970.

Public Welfare

Table 57. Average Monthly Public Welfare Payments by Type of Service, Jackson County, Fiscal Years 1968-69 and 1971-72.

Type of Service	Average Payment Per Case	
	1968-69	1971-72
Old Age Assistance	$ 60.19	$ 63.31
Aid to the Disabled	74.77	84.03
Aid to the Blind	83.35	114.77
General Assistance	54.88	53.85
Aid to Dependent Children 1/		
UN 2/	34.23	47.96
Basic 2/	39.70	46.10

1/ Payment per person, not case.
2/ The UN figure represents payments to families where the male present 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.

Table 58. Public Welfare Payments for Assistance, Jackson County, August, 1972

Category	Cases	Average Payments
Cases receiving non-medical payments		
Old age assistance	363	$ 61.74
Aid to the blind	33	110.69
Aid to the disabled	282	85.23
Aid to dependent children	1,020	41.70
General assistance	58	47.01
Foster care	--	--
Phsyicians services 1/		
OAA	76	19.98
AB	8	40.08
AD	115	55.31
ADC	743	23.30
GA	41	26.94
FC	43	17.85
Hospital payments 1/		
OAA	12	115.06
AB	1	458.29
AD	11	1,160.60
ADC	37	347.90
GA	4	744.48
FC	8	744.28
Drug Payments 1/		
OAA	350	25.17
AB	13	8.21
AD	191	32.20
ADC	584	8.91
GA	34	16.70
FC	34	6.17

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

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 severly 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.

Table 59. Housing Occupancy and Facilities, Jackson County, 1970

Subject	County		State
	Number Units	Percent	Percent
Occupancy			
All housing units.....	33,562	100.00	100.00
Vacant seasonal or migratory.....	228	.67	1.30
Owner occupied.....	21,481	64.00	61.30
Renter occupied.....	9,903	29.50	31.50
Vacant year-around.....	1,950	5.81	5.90
Population in housing units per unit.....	2.9		
Owner occupied.....	3.0		
Renter occupied.....	2.8		
Persons per room			
All occupied units.....	31,384	100.00	100.00
1.00 or less.....	29,438	93.79	94.70
1.01-1.50.....	1,550	4.93	4.20
1.51 and more.....	396	1.26	1.10
Facilities			
Lacking some or all plumbing facilities...	903	2.69	3.60
Telephone available.....	27,810	88.61	89.50
Air conditioning.....	8,508	25.53	10.30
Median number of rooms ...	4.9		5.00
Median value 1/	$14,900		$11,300
Median gross rent 2/.....	$ 103		$ 69

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.

Table 60. Housing, Occupancy, and Facilities for Places with over 2,500 Inhabitants, 1970

Subject	Medford		Ashland		Central Point	
	number	percent	number	percent	number	percent
Occupancy						
All year-round housing units	11,076	100.00	4,337	100.00	1,284	100.00
Owner occupied.....	6,350	57.33	2,379	54.85	791	61.60
Renter occupied.....	3,998	36.09	1,745	40.23	438	34.11
Vacant year-round.....	411	3.71	81	1.86	55	4.28
Facilities						
Telephone available.....	NA*		NA		1,118	90.96
Air conditioning.....	3,659	33.01	660	15.21	357	27.80
Median gross rent of renter occupied 1/.....	$105		$ 98		$117	

NA - not available
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.

THE COUNTY'S ECONOMY

Agriculture

Agriculture is a very important sector of Jackson County's economy. The 1,035 farms reported in the 1969 Census of Agriculture comprise 29 percent of the county's total land area (1,799,744 acres) or approximately 514,544 acres. As detailed later, fruits and nuts are the most important crops in dollars, while general livestock-type farms are the most numerous in numbers for classified-type farms.

Logging and Wood Products

Forest Products are the major source of income in Jackon County's economy. Not only is the actual timber harvest important to the county, but wood products manufacturing also is a major source of income and employment in the county.

Pear production, livestock and dairying are the major agricultural enterprises, with other crops and poultry also contributing to the economy. The number of dairy cattle has decreased significantly in the last 20 years while total value of dairy products has remained about the same.

Tourist is the third major factor in Jackson County's economy, and has grown steadily in the past decade. The area has an abundance of natural attractions for sports and recreation. These have been supplemented by several reservoirs formed by dams constructed for power or agricultural purposes. Hunting, fishing, boating, and other outdoor recreational activities draw many tourists. Also, the Ashland Shakespearean Festival held each year during July and August draws tourists from all parts of Oregon and the U.S. They provide additional income to the county through personal and automotive services in the county.

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

Subject	1959	1964	1969
Approximate acres of land area...	NA*	1,799,680	1,799,744
Proportion in farms.....	34.8	35.8	28.6
Total number of farms.....	1,908	1,556	1,035
Acres in farms.....	627,051	643,386	514,544
Average size of farms.....	328.6	413.5	497.1
Value of land and buildings.....	NA	NA	$115,377,522
Average per farm.....	$35,353	$61,775	$111,475
Average per acre.....	--	$151.10	$224.23

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.

The next table shows distribution of farm sizes. Approximately 50 percent of the farms are under 50 acres in size, while 20 percent are sizes ranging from 50 to 140 acres. The average is about 497.1 acres due to the relatively large livestock and grain farms. In keeping with the national trend, farms in the county have been undergoing several changes. Improved technology results in more specialized farm units, larger farm units, and greater production from each acre and each head of livestock. Another result of these changes is the requirement of considerable more capital investment limiting entry to this sector of the economy.

Table 62. Number and Percent of Farms by Size, 1959, 1964 and 1969

Size	Number			Percent		
	1959	1964	1969	1959	1964	1969
Less than 10 acres.....	369	224	119	19.33	14.39	11.49
10 to 49 acres.....	642	604	392	33.64	38.81	37.87
50 to 69 acres.....	121	104	60	6.34	6.68	5.79
70 to 99 acres.....	146	118	76	7.65	7.58	7.34
100 to 139 acres.....	130	102	61	6.81	6.55	5.89
140 to 179 acres.....	118	84	62	6.18	5.39	5.99
180 to 219 acres.....	53	58	50	2.77	3.72	4.83
220 to 259 acres.....	38	24	26	1.99	1.54	2.51
260 to 499 acres.....	138	118	92	7.23	7.58	8.88
500 to 999 acres.....	77	53	48	4.03	3.40	4.63
1,000 to 1,999 acres.....	31	22	22	1.62	1.41	2.12
2,000 or more acres.....	45	45	27	2.35	2.89	2.60
Total farms.....	1,908	1,556	1,035	100.00	100.00	100.00

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 and 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.

In the recent years the trend has been toward a larger percentage of the farms in the county to be commercial farms although the actual number is decreasing.

Table 63. Farms by Economic Class, Jackson County, 1959, 1964, and 1969

Economic Class	Number			Percent		
	1959	1964	1969	1959	1964	1969
Commercial farms.....	800	725	559	41.75	46.59	54.00
Class I (sales of $40,000 or more).....	52	61	86	2.71	3.92	8.30
Class II(sales of $20,000 to $39,999).....	86	69	59	4.48	4.43	5.70
Class III(sales of $10,000 to $19,999).....	111	104	79	5.79	6.68	7.63
Class IV (sales of $5,000 to $9,999).....	216	133	119	11.27	8.54	11.49
Class V (sales of $2,500 to $4,999).....	246	163	154	12.83	10.47	14.87
Class VI (sales of $50 to $2,499).....	89	195	62	4.64	12.53	5.99
Other farms.....	1,116	831	476	58.24	53.40	45.99
Part-time.....	938	605	361	48.95	38.88	34.87
Part-retirement.....	172	216	104	8.97	13.88	10.04
Abnormal.....	6	10	11	.31	.64	1.06
Total farms.....	1,916	1,556	1,035	100.00	100.00	100.00

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 64. Farm Operators by Tenure, Jackson County, 1959, 1964, and 1969

Tenure	1959	1964	1969
Full owners.....	1,474	1,183	724
Part owners.....	309	251	239
Managers.....	28	23	72
Tenants.....	97	99	---
Total operators.....	1,908	1,457	1,035

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 65. Farm Operators by Age and Years of School Completed, 1959, 1964, and 1969

Subject		1959	1964	1969
Average (years).....		51.8	51.8	52.9
65 years and over.....		347	287	190
Years of school completed				
Elementary:	0-4 years...	NA*	26	NA
	5-7 years...	"	133	"
	8 years.....	"	325	"
High school:	1-3 years...	"	307	"
	4 years.....	"	425	"
College:	1-3 years...	"	208	"
	4 yrs. or more.....	"	132	"

*NA - not available

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.

Agriculture contributes to the economy of Jackson County in two ways--it provides income not only to the farmers, but also to the workers employed for harvesting and processing the agricultural products. Income from the sale of crops, livestock and other farm products in the county in 1970 is reported at about $15.87 million. This amount is less than the previous year by approximately $3 million and continues the trend of decreasing value of agricultural products in the county's economy.

Income from the sale of horticultural crops, primarily fruits and nuts, accounted for 35 percent of the agricultural income and livestock and livestock products, including poultry, accounted for 57 percent.

Recreation and forest products are also means of income for farmers in Jackson County. In 1966, the value of farm forestry was $150,000. Recreation income in 1964 from hunting, fishing, and other recreational services as reported by ten farms was $8,166.

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

Product	1966	1967	1968	1969	1970 2/
	- - - - - - - thousand dollars - - - - - - - -				
All crops, livestock and livestock products.....	15,878	20,716	16,573	18,809	15,873
All crops.....	8,411	13,544	8,768	10,246	6,889
All grain, hay and seeds	1,041	1,169	1,011	1,127	1,037
All seed crops.....	367	466	487	475	501
All grain and hay.....	674	703	524	652	536
All hay.....	466	513	305	438	413
All grains.....	208	190	219	214	123
Wheat.....	42	46	77	53	32
Barley.....	149	129	130	156	86
Vegetables, fresh and for processing.....	230	160	124	154	142
All berries.....	51	35	25	49	45
All tree fruits and nuts	6,747	11,790	7,289	8,521	5,227
Specialty field crops...	15	13	--	40	44
Specialty horticultural crops.....	224	219	219	242	260
Potatoes.....	8,600	6,000	10,000	12,000	37,000
All livestock and livestock products.....	7,467	7,172	7,805	8,563	8,984
Dairy products.....	2,220	2,322	2,430	2,431	2,605
Poultry products.....	571	460	550	585	522
Cattle and calves.....	2,976	2,863	3,412	3,848	4,101
Sheep and lambs.....	72	72	83	87	77
Hogs.....	85	85	75	67	95

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

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

Crops Harvested	1969	1970p
Corn for grain.....	--	--
Small grains.....	4,900	1,290
Wheat.....	1,100	750
Oats.....	200	200
Barley.....	3,600	3,400
Hay crops.....	28,700	29,700
Field seed crops 1/.....	300	NA*
Other field crops.....		
Vegetables, sweet corn or melons 1/.....	256	NA
Berries		
Strawberries 1/.....	20	NA
Tree fruits, nuts, and grapes1/	10,782	NA

*NA - not available p - preliminary

1/ From 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. Includes only farms with sales over $2,500.

SOURCE: O.S.U. Extension Service and U.S.D.A. cooperating, "Oregon Commodity Data Sheets", 1971-72.

The estimated numbers of livestock and poultry in Jackson County are shown in the table that follows. The number of milk cows in the county has decreased significantly since 1940, consistent with the national trend. The decline in consumption of dairy products per capita and the rapid rise in milk production per cow are two of the most important factors contributing to this decrease.

Sheep and lamb numbers since 1960 have shown a marked decrease while numbers of hogs have dropped more than 50 percent. Total numbers of all poultry have remained relatively stable since 1940.

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

Category 1/	1950	1960	1969	1970p
All cattle.....	35,900	49,000	40,000	42,000
Dairy cattle.....	10,300	8,500	4,800	5,000
Sheep and lambs.....	7,000	11,000	5,500	5,000
Hogs.....	5,600	4,700	1,500 2/	NA*
Chickens.....	NA	NA	180,000	180,000
Turkeys raised.....	NA	NA	120,000	120,000

*NA - not available. p - preliminary

1/ numbers as of January 1, unless otherwise indicated.

2/ preliminary figure

SOURCE: OSU Extension Service and USDA cooperating, "Oregon Commodity Data Sheets", 1971-72.

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

Product Group	Number of firms		Employment	
	1968	1970	1968	1970
Meat packing plants.....	2	2	10 1/	18
Poultry and small game dressing and packing.....	1	0	1/	--
Sausage and other prepared meat products.....	1	1	9	9
Dairy products.....	1	1	46	46
Cheese, natural and processed.	1	1	8	6
Fluid milk.....	1	3	20	25
Canned fruit, vegetables, preserves, jams and jellies.....	4	4	850	850
Bread and other bakery products exc. crackers and cookies.....	3	2	100 1/	112
Bottled and canned soft drinks and carbonated waters.....	2	4	25	62
Candy and other confectionery products.....	1	1	5	5
Animal and marine fats and oils.	1	1	1/	10
Prepared feed for animals and fowl.....	-	1	--	4
Frozen fruits, fruit juices, vegetables and specialties.....	-	1	--	100
Total.....	18	22	1,073	1,247

1/ one or more firms did not report number of employees.
SOURCE: Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacturers, 1968 and 1970 editions.

Logging and Wood Products

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

Product Group	Number of firms		Employment	
	1968	1970	1968	1970
Logging camps and contractors..	47	53	449 1/	423 1/
Sawmills and planing mills, general.....	19	16	1,254	1,142
Millwork.....	9	7	287	560
Veneer and plywood.....	10	8	2,185	2,417
Prefabricated wooden buildings and structural members.....	2	1	19	15
Wood products, not classified elsewhere.....	1	1	1/	120
Total.....	88	85	4,194	4,677

1/ one or more firms did not report number of employees.
SOURCE: Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacturers, 1968 and 1970 editions.

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

Ownership	Production 2/	Percent of Total
Total timber harvest.....	314,525	100.00
Private 3/.....	161,964	51.49
Bureau of Land Management 4/.....	66,437	21.12
National forest 5/.....	84,824	26.96
Other federal 3/.....	1,300	.41

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: USDA Forest Service Resource Bulletin PNW-38, "1970 Timber Harvest", Pacific Northwest Range and Experiment Station, 1971.

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

Species	Type of Industry		
	Sawmills	Veneer and Plywood	Shake and Shingle
All species.....	360,668	385,024	NA*
Douglas fir.....	130,748	209,286	"
Hemlock.....	1,050	---	"
True firs.....	124,277	49,636	"
Ponderosa-Jeffrey pines...	57,344	19,738	"
White-sugar pines.....	32,566	3,440	"
Redwood.....	407	---	"
Other softwoods.....	14,274	2,924	"
Hardwoods.....	2	---	"

*NA - not available
1/ Scribner log rule
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
Jackson County, 1968

Industry	Capacity
Sawmill-lumber 1/.....	1,239
Veneer and plywood 2/.....	2,641
Pulp and board mills 3/.....	1,580

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, Jackson County
1967

Item	Value Added	Percent of Total
All manufacturing.....	$ 77,600,000	100.00
Food and kindred products....	6,000,000	7.73
Lumber and wood products.....	56,400,000	72.68

SOURCE: U.S. Bureau of the Census, Census of Manufactures, 1967, Area Services: Oregon, MC67(3)-38, U.S. Government Printing Office, Washington, D.C., 1970.

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

Product Group	Number of firms		Employment	
	1968	1970	1968	1970
Small arms ammunition	1	--	2	--
Curtains and draperies	2	2	3 1/	6
House furnishings, exc. curtains and draperies	1	--	3	--
Wood furniture, exc. upholstered	2	2	6	25
Furniture, fixtures, not elsewhere classified	1	1	26	3
Corrugated and solid fiber boxes	1	1	12	12
Paper mills, exc. building paper mills	1	--	108	--
Paper coating and glazing	1	--	110	--
Newspapers, printing and publishing	3	3	143 1/	155
Commercial printing, except lithographic	6	6	23 1/	48
Commercial printing, lithographic	3	2	13	13
Industrial organic chemicals	1	1	20	26
Paints, varnishes, lacquers, enamels and allied products	1	--	1	--
Paving mixtures and blocks	1	1	2	2
Miscellaneous plastic products	1	1	2	2
Leather goods, not elsewhere classified	1	1	3	3
Machine tool accessories and measuring devices	2	1	4	3
Motor vehicles	1	1	38	38
Air conditioning equipment, commercial and industrial refrigeration machinery equipment	1	--	7	--
Woodworking machinery	1	1	68	58
Miscellaneous machinery, exc. electrical	3	3	13	42
Photographic equipment and supplies	1	1	13	13
Trailer coaches	1	1	3	1
Motor vehicle parts and accessories	1	1	1/	5
Opthalmic goods	2	2	4	5 1/
Lapidary work	1	--	3	--
Games and toys, exc. dolls and children vehicles	1	--	10	--
Internal combustion engines, not elsewhere classified	1	1	11	12
Signs and advertising displays	1	2	12	15
Railroad equipment	1	1	4	4
Semi-conductor and related devices	--	1	--	2
Power, distribution and specialty transformers	--	1	--	40

Table. 75, cont. Manufacturing, Other than Lumber and Wood Products; Food and Kindred Products and Mineral, Metal and Related Products Manufacturing, Jackson County, 1968 and 1969

Product Group	Number of firms		Employment	
	1968	1970	1968	1970
Dental equipment and supplies.....	-	1	-	20
Special dies and tools, jigs, etc..	-	1	-	10
Pumps, air and gas compressors.....	-	1	-	2
TOTAL.....	45	53	717	565

SOURCE: Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacuturers, 1968 and 1970 editions.

Mining - Mineral and Metal Industries

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

Product Group	Number of firms		Employment	
	1968	1970	1968	1970
Concrete Block and Brick.....	1	1	6	6
Ready-mixed concrete.....	3	3	1001/	1041/
Cut stone and stone products.....	1	-	1	-
Minerals or earth, ground, or otherwise treated.....	1	1	-	15
Fabricated platework.....	2	1	132	112
Sheet Metal Work.....	1	2	3	8
Architectural and Ornamental Metal work.....	2	2	4	4
Electroplating, plating, anodizing, polishing, and coloring.....	1	1	3	2
Fabricated Metal products not elsewhere classified.....	1	1	6	6
Concrete products, except brick and block.....	-	2	-	9
TOTAL.....	13	14	255	266

1/ One firm did not report number employed.
SOURCE: Oregon State Executive Department, Economic Development Division, Directory of Oregon Manufacturers, 1968 and 1970 editions.

The value of mineral production has decreased markedly in Jackson County in recent years. The total value in 1970 was less than one-fifth of the value recorded seven years previously in 1963.

Table 77. Value of Mineral Production, Jackson County

Year	Value	Minerals produced in order of value
1963	$ 4,949,000	Cement, Stone, sand, gravel, clays, gold, pumice, silver
1965	6,772,000	Cement, Stone, sand, gravel, clays, gold, pumice, silver
1967	2,843,000	Stone, cement, sand, gravel, clays, gold, mercury, silver
1970	975,000	Sand, gravel, stone, pumice, mercury

SOURCE: U.S. Bureau of Mines, Minerals Yearbook, Bureau of Economic Research, Oregon Economic Statistics, 1967, 1969, 1972, University of Oregon.

Outdoor Recreation

Table 78. Jackson County Park and Recreation Facilities, 1972

Ownership and Name	Acres	Facilities and Activities1/
State Parks		
Prospect.....	6.21	PS, NW, T, F, S, V, W
Laurelhurst.....	NA	TC, TS, PS, F, S
Casey.....	80.46	PS, F, S, V
Tou Velle.....	51.26	PS, GP, F, S, SW
Ben Hur Lampman.....	22.53	PS, F, S
Valley of the Rogue....	249.60	TC, TS, PS, BR, GP, TH, UB, DS, FS, V, SW
Tubb Springs.....	40.00	PS, V
U.S. Forest Service		
Huckleberry.....	-	TC, TS
Union Creek (3 areas)..	-	TC, TS, PS, GP, FS
Abbott Cr.-Woodruff Br. (2areas).....	-	TC, TS, PS, T, F, S,
Parker Meadows (4 areas)	-	TC, F, S
Whiskey Spring (3 areas)	-	TC, PS, T, F, S
Fishlake (2 areas)....	-	TC, TS, PS, BR, GP, F, L, S
McKee Bridge-Jackson (2 areas).....	-	TC, TS, PS, F, H, S, SW
Bureau of Land Management		
Gold Nugget	-	PS, T, F, S
Hyatt Lakes.....	-	TC, TS, BR, F, L
Little Applegate (2 areas).....	-	TC, PS, T, F, S, V, SW

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

Ownership and Name	Acres	Facilities and Activities 1/
County Parks		
Willow Lake.....	-	TC, TS, PS, BR, BH, BD, C, T, UB, F, L, N, V, SW
Rogue Elk.....	-	TS, PS, BR, T, F, S, N, SW
Howard Prairie (4 areas)	-	TC, TS, PS, BR, BD, C, GP, GC, T, UB, F, L, N, V, SW
Emigrant.....	-	TS, PS, BR, BD, GP, T, PA, UB, F, L, V, SW, G
Cantrall-Buckley.....	-	PS, PA, T, GP, F, S, SW, V
State Rest Area		
Birdseye Spring.....	-	PS
Suncrest.....	-	PS
Siskiyou.....	-	PS, IC, V

1/ All areas have drinking water and toilets available unless otherwise noted.

IC - Information center
PS - Picnic sites
NW - No water
TC - Tent camping
TS - Trailer sites
BR - Boat ramp
Bh - Bath house
BD - Boat dock
C - Concession
GC - Group camp
OB - Ocean beach
V - Scenic view
W - Waterfall
GP - Group picnic
DS - Trailer dumping site
PA - Play area
T - Trails
UB - Utility Building
F - Fishing
G - Geology
H - History
LS - Lake--stream
N - Nature study
R - Rockhounding
SW - Swimming

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

Table 79. Attendance at State Parks in Jackson County

Park and Use	Attendence			
	1968-69	1969-70	1970-71	1971-72
Laurelhurst-overnight.....	7,577	7,999	9,221	9,721
Valley of the Rogue-overnight.....	65,514	69,433	77,590	80,812
Casey-day visitors.....	165,548	220,468	244,010	273,469
Ben Hur Lampman-day visitors	6,792	22,616	19,452	23,764
Laurelhurst-day visitors....	15,020	7,956	16,270	20,254
Tou Velle-day visitors.....	178,484	291,272	292,030	308,042
Tubb Spring- day visitors...	69,260	69,380	66,668	59,280
Valley of the Rogue-day visitors.....	481,924	688,014	730,672	848,521

SOURCE: 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. Jackson County Game Harvest

Game	Hunters		Harvest		Days Hunted
	Number	Percent of State Total	Number	Percent of State Total	
Pheasant.....	4,465	6.19	9,981	4.10	20,034
Quail.....	1,659	6.34	7,485	4.72	7,884
Blue-ruffed grouse..	273	3.53	386	2.29	605
Silver Gray squirrel	1,250	27.26	6,063	27.83	4,728
Band-tailed pigeon..	273	2.20	1,211	1.00	731
Mourning dove.....	1,662	10.15	29,993	15.24	9,074
Ducks.....	920	1.64	5,630	.98	6,250
Geese.....	60	.21	150	.23	1,020
Deer 1/.....	14,170	5.07	4,040	4.60	NA
Elk 2/.....	530	2.31	54	2.01	2,600

NA - Not Available

1/ Includes Evans Creek, Applegate and Rogue Game Management Units. These units are not entirely contained within the county, nor do they cover all of the county area.

2/ Includes Rogue Game Management Unit which does not completely cover the county, nor is it totally contained within the county.

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

Table 81. Retail Trade, Jackson County, 1967

Kind of Business	Establishments	Paid Employees1/	Sales
	Number	Number	$ 1,000
Retail trade, total.....	800	4,496	152,786
Lumber, building materials, hardware, farm equipment dealers			
Total.....	59	226	11,072
Lumber and building materials dealers...	33	144	7,778
Hardware stores.....	17	48	1,504
Farm equipment dealers	9	34	1,790
General merchandise group stores			
Total.....	27	597	14,225
Department stores.....	4	355	8,471
Limited price variety stores.....	8	*	2,371
Miscellaneous general merchandise stores..	15	*	3,383
Food stores			
Total.....	106	625	32,804
Grocery stores.....	82	578	31,581
Meat markets.....	8	*	535
Fruit stores, vegetable markets.....	1	*	*
Candy, nut, confectionary stores.....	5	*	*
Retail bakeries.....	5	*	286
Other food stores....	5	*	299
Automotive dealers			
Total.....	58	518	27,956
Motor vehicle dealers	29	401	22,991
Tire, battery, and accessory dealers..	18	87	2,446
Miscellaneous automotive dealers.....	11	30	2,519
Gasoline service stations			
Total.....	133	309	12,157
Apparel, accessory stores			
Total.....	32	236	5,799
Ready-to-wear stores.	7	50	1,036
Women's accessory and speciality stores	5	*	934
Other apparel, accessory stores.....	20	*	3,802

Table 81, cont. Retail Trade, Jackson County, 1967

Kind of Business	Establishments	Paid Employees 1/	Sales
	Number	Number	$ 1,000
Furniture, home furnishing, equipment stores			
Total	51	183	5,912
Furniture stores	14	52	2,098
Household appliances	10	30	766
Radio, TV, music stores	14	55	1,392
Home furnishing stores	13	46	1,656
Eating, drinking places			
Total	167	815	10,408
Eating places	126	686	8,353
Drinking places (Alcoholic beverages)	41	129	2,055
Drug stores, proprietary stores			
Total	23	*	7,477
Drug stores	2/	2/	2/
Proprietary stores	2/	2/	2/
Other retail stores			
Total	171	306	*
Liquor stores	9	*	2,583
Antique, secondhand stores	23	5	556
Cigar stores and stands	13	17	836
Sporting goods stores	8	23	757
Florists	19	*	2,664
Jewelry stores	14	42	799
Fuel, ice dealers	3	*	*
Other stores	82	84	6,355
Nonstore retailers			
Total	57	*	*
Mail order houses	7	*	*
Merchandising machine operators	7	*	129
Direct selling establishments	43	*	354

* Withheld to avoid disclosure

1/ Excludes active proprietors of unincorporated businesses.

2/ Data not provided because establishments with no payroll are classifed only at the next broader kind of business level.

SOURCE: U.S. Bureau of the Census, Census of Business, 1967, Retail Trade, Oregon, BC67-RA39; 1967 Wholesale Trade, Oregon, BC67-WA39, U.S. Government Printing Office, Washington, D.C., 1969.

Kind of Business	Establishments	Paid Employees[1]	Sales ($1,000)
Wholesale trade, total.....	181	1,485	169,845
Motor vehicles and automotive equipment.....	20	155	5,982
Drugs, chemicals and allied products.....	4	23	1,143
Groceries and related products.	29	345	34,028
Farm products - raw materials..	3	*	*
Electrical goods.....	10	78	7,468
Hardware: Plumbing, heating supplies.....	2	*	*
Machinery, equipment, and supplies.....	35	260	14,699
Metals and minerals.....	4	75	4,500
Petroleum and petroleum products.....	21	94	31,030
Scrap and waste materials.....	1	*	*
Tobacco and its products.....	1	*	*
Beer, wine, and distilled alcoholic beverages.....	5	64	2,664
Paper and paper products.....	5	30	1,449
Furniture and home furnishings.	3	13	268
Lumber and construction materials.....	25	210	51,984
Other kinds of wholesale business.....	13	89	9,101

* Withheld to avoid disclosure

SOURCE: U.S. Bureau of the Census, Cenus of Business, 1967 Retail Trade: Oregon, BC67-RA39; U.S. Census of Business, 1967 Wholesale Trade: Oregon, BC67-WA39, U.S. Government Printing Office, Washington, D.C. 1969

Table 83. Selected Service, Jackson County, 1967

Kind of Business	Establishments	Receipts	Paid Employees 1/
	- - Number - -	$1,000	- - Number - -
Selected services, total.....	675	20,409	1,323
Hotels, motels, tourist courts, camps, total.....	107	4,039	285
Hotels.....	17	1,359	166
Motels, motor hotels, tourist centers.....	55	2,120	107
Trailer parks, camps.....	30	406	*
Sporting, recreational camps.	5	154	*
Personal services, total.....	217	5,073	410
Laundries, laundry service, etc.....	48	2,430	236
Beauty shops.....	59	1,042	108
Barber shops.....	59	499	33
Other personal services.....	51	1,102	*
Miscellaneous business services, total.....	122	3,125	165
Advertising.....	7	219	*
Services to dwellings, buildings.....	36	392	29
Business, management consulting, public relations.....	9	248	*
Other.....	70	2,266	120
Auto repair, services, garages, total.....	90	4,038	112
Auto repair shops.....	71	1,821	*
Auto parking.....	2	*	*
Auto, truck renting, services	17	*	39
Miscellaneous repair services, total.....	88	1,695	67
Electrical repair shops.....	21	483	*
Re-upholstery and furniture repair.....	10	131	*
Other repair shops and related services.....	57	1,081	39
Motion pictures, total.....	5	*	*
Motion picture theaters.....	5	*	*
Amusement, recreation services, except motion pictures, total.....	46	*	*
Bands, orchestras, entertainers.....	13	*	*
Bowling, billiards, pool...	4	441	*
Other commercial recreaations and amusements.....	29	1,372	156

* Withheld to avoid disclosure

1/ Excludes active proprietors of unincorporated businesses.

SOURCE: U.S. Bureau of the Census, Census of Business, 1967, Selected Services, Oregon, BC67-SA39, U.S. Government Printing Office, Washington, D.C., 1969.

PUBLIC SERVICES

Transportation

Major highways in Jackson county are Interstate 5 and U.S. 99 which pass through the central valley portion; State Highways 62, 66, and 140 cross the county from the east to the west. State 227 connects the county to the north. Interstate 5 provides transportation to major points north and south. Regular bus and freight truck schedules are maintained over most major routes.

A Southern Pacific Railroad branch-line, formerly the main line, passes through the central valley providing service both north and south.

Medford has a municipal airport and is served by commercial airlines with connections both to the north and south.

The following tables give information on transportation facilities in the county.

Table 84. Miles of Roadway in Jackson County, 1968

Agency	Miles
Federal agency roads.....	2,346
State agency roads.....	381
County and public usage roads 1/.....	1,241
City streets.....	243
Total.....	4,211

1/ Public usage roads are 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. Motor Vehicle Registration, Jackson County, 1970 and 1972

Vehicle	Number of Vehicles 1970	1972
Passenger vehicles	59,421	69,113
Buses	74	37
Trucks	3,049	3,692
All trailers	4,728	2,598
Motorcycles	4,078	4,391
Recreational 1/	5.019	7,257
Snowmobiles		343
Total vehicles	76,369	87,431

1/ Inclues campers and travel trailers.

SOURCES: 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; 1971 figures from unpublished data, State Motor Vehicles Division.

Table 86. Number of Aircraft and Boats in Jackson County, 1968

Subject	Number
Aircraft	130
Boats	4,054

SOURCE: Oregon State Executive Department, Local Government Relations Division, District Facts, 1970.

Communication

Table 87. Communication Facilities, Jackson County

Type Service	Location	Network Affiliation
Radio		
KRVC.....	Ashland	-
KCMX.....	Ashland	CBS
KBOY.....	Medford	MBS
KBOY-FM.....	Medford	MBS
KMED.....	Medford	NBC
KMED-FM.....	Medford	NBC
KSHA.....	Medford	-
KYJC.....	Medford	ABC
Television		
KMED-TV.....	Medford	ABC, NBC
KOBI-TV.....	Medford	CBS, ABC
Educational radio		
KSOR.....	Ashland	
Newspapers		Publication Days
Daily Tidings.....	Ashland	Daily, except Sunday
The Times.....	Rogue River	Friday
Mail Tribune.....	Medford	Daily, except Saturday
Telephone		
United Telephone Co. of the Northwest..	Butte Falls Prospect Shady Cove	
Pacific Northwest Bell.....	Medford Ashland	

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 1973-1974, January 1973
Pacifc Northwest Bell, unpublished data.

Table 88. Residential Communication Facilities
1960 and 1970, Jackson County

Facilities	Number of Housing Units	
	1960	1970
Battery radio sets		
Yes	21,801	23,461
No	1,610	7,923
Telephone available		
Yes	18,846	27,810
No	4,543	3,574
Television sets		
None	2,837	1,816
One	19,013	22,709
Two or more	1,561	6,859
UHF equipped		
Yes	NA	8,855
No	NA	20,713

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. 1972.
NA - Not available

Library Facilities

Jackson County libraries are supported through city and county funds. In 1970 the cities contributed a total of $152,325 to the support of county libraries and the county supplied $197,426.

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

City	Volumes	Circulation	Circ./ Capita	Hrs. Open Per Week	Operating Expenditures	Expend./ Capita
Medford, Hdqtrs.....	80,737	290,536	10.2	57	$242,639	$8.52
Ashland.....	45,782	117,432	8.3	66	60,797	4.50
Butte Falls..	3,467	8,962	23.0	20	-	-
Central Point.....	9,696	60,434	15.5	54	-	-
Eagle Point..	3,539	10,756	9.8	20	-	-
Gold Hill	4,063	9,511	1.6	20	-	-
Jacksonville.	4,889	12,066	8.0	30	-	-
Phoenix.....	4,601	12,611	10.5	20	-	-
Prospect.....	3,858	10,034	NA	20	3,670	NA
Rogue River..	10,384	22,844	32.6	20	-	-
Shady Cove...	4,668	12,791	NA	20	-	-
Talent.....	7,300	24,356	17.4	30	-	-
White City...	3,534	10,878	NA	20	-	-
County total	186,518	604,151			342,271	

SOURCE: Oregon State Library, Directory of Oregon Libraries, annual statistics for the year ending June 30, 1970.

In addition to the libraries in the table above, Southern Oregon College Library, located in Ashland, operates a library facility for the use of its students and faculty members, with 107,928 volumes and 3,664 serials received.

Utilities

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

Subject	County number	County percent 1/	State percent 1/
Water source			
Public system or private company.....	22,286	66.9	79.8
Individual well.....	10,177	30.5	16.9
Other or none.....	878	2.6	3.3
Sewage disposal			
Public sewer.....	19,575	58.7	61.0
Septic tank or cesspool...	13,264	39.8	37.5
Other or none.....	502	1.5	1.5

1/ percent of all year-round housing

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. Types of Fuels for Heating, Cooking, Number of Housing Units, Jackson County, 1960 and 1970

Type of Fuels	Home Heating Fuel		Water Heating Fuel		Cooking Fuel	
	1960	1970	1960	1970	1960	1970
Utility gas.....	2,321	8,701	1,807	4,982	1,811	3,580
Fuel oil, kerosene, etc...	5,277	7,013	293	143	79	39
Coal or coke.....	104	20	41	-	-	-
Wood.....	9,376	3,325	684	110	1,551	371
Electricity.....	5,072	9,561	18,386	24,158	17,796	25,102
Bottled, tank, or LP gas..	934	2,637	1,042	1,635	1,995	2,233
Other fuel.....	308	44	100	46	-	16
None.....	19	83	1,058	310	179	43
All occupied housing units	23,411	31,384				

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., 1972.

Table 92. Housing Units by Water Supply and Sewage Disposal, for Places with 2,500 Inhabitants, 1970

Subject	Medford		Ashland		Central Point	
	Number	Percent	Number	Percent	Number	Percent
Water source						
Public system or private company	10,983	99.09	4,300	99.14	1,222	95.17
Individual well..	93	.83	31	.71	62	4.82
Other.....	7	.06	6	.13	-	-
Sewage disposal						
Public sewer....	10,880	98.16	4,203	96.91	1,201	93.53
Septic tank or cesspool.....	203	1.83	127	2.92	83	6.46
Other or none...	-	-	7	.16	-	-

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 following table gives information on electric power generating plants in the county. Electricity is the most widely used fuel for home and water heating, and for cooking, in the county.

Table 93. Electric Power Plants, Jackson County, 1969

Plant	Type 1/	Stream (if hydro-electric) or City (if fuel)	Nameplate Rating KW	Ownership
Eagle Point	H	S. Butte Cr.	2,813	Pacific Power and Light
Gold Ray	H	Rogue	1,500	"
Prospect #1	H	N. Fk. Rogue	3,760	"
Prospect #2	H	N. Fk. Rogue	32,000	"
Prospect #3	H	S. Fk. Rogue	7,200	"
Prospect #4	H	N. Fk. Rogue	1,000	"
Green Springs	H	Emigrant Creek	16,000	U.S. Bureau of Reclamation
Lost Creek 2/	H	Rogue R.	49,000	"

1/ H = hydroelectric
2/ Under construction
SOURCE: United States Department of the Interior, Bonneville Power Administration - Branches of Power Resources "Electric Power Plants in the Pacific Northwest and Adjacent Areas," Dec. 31,1969.

Table 94. Selected Items of Local Government Finances, Jackson County, 1966-67

Item	County		State
	Total Amount	Per Capita Amount	Per Capita Amount
	- - $1,000 - -		
General revenue, exc. interlocal	27,278	$298.77	$308
Intergovernmental revenue	9,996	109.49	97
From state government	7,632	83.60	83
From local sources	17,282	189.28	210
Taxes	12,593	137.93	156
Property	12,288	134.59	151
Other	305	3.34	5
Charges and general miscellaneous	4,689	51.35	54
Direct general expenditure	31,036	339.94	316
Capital outlay	8,535	93.48	62
Other	22,502	246.46	254
Education	18,378	201.29	180
Other than capital outlay	13,630	149.29	152
Highways	3,191	34.95	30
Other than capital outlay	1,410	15.44	20
Public welfare	-	-	2
Hospitals	659	7.22	6
Other than capital outlay	405	4.44	-
Health	194	2.12	4
Police protection	993	10.88	12
Fire protection	812	8.89	9
Sewerage	364	3.99	8
Other than capital outlay	213	2.33	3
Sanitation other than sewerage	18	.20	2
Parks and recreation	587	6.43	10
Natural resources	926	10.14	4
Housing and urban renewal	-	-	4
Correction	109	1.20	2
Libraries	342	3.74	3
Financial administration	377	4.13	5
General control	555	6.08	8
General public buildings	1,014	11.11	3
Interest on general debt	848	9.29	6
Other and unallocable	1,668	18.27	21
Water supply revenue	1,143	12.52	12
Water supply expenditure	2,148	23.53	13
General debt outstanding	33,363	365.42	214
Long-term	33,243	364.11	203
Local schools	15,848	173.58	101
Other	17,395	190.52	101

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

Table 95. Summary of Assessment Rolls for 1971-72 Fiscal Year Real Property, Personal Property and Utilities, Jackson County

Item	Assessed Value	Percent of Total
Class		
Real Property		
Lands inside corporate limits	$108,159,040	13.36
Lands outside corporate limits	145,266,380	17.94
Improvements inside corporate limits	214,278,580	26.47
Improvements outside corporate limits	178,778,470	22.08
Timber (excludes land)	19,732,950	2.44
Less veterans exemptions	(9,562,690)	1.18
Less senior citizens residence exemptions	(5,443,370)	.67
Taxable real property	651,209,360	80.43
Personal Property		
Merchandise and stock in trade	43,913,232	5.42
Furniture, fixtures, and equipment	7,477,560	.92
Farm machinery and equipment	3,549,630	.44
Other machinery and equipment	20,289,050	2.51
Livestock	4,467,454	.55
Miscellaneous	2,175,300	.27
Less veterans exemptions	(136,791)	.02
Less senior citizens residence exemptions	(159,350)	.02
Taxable personal property	81,576,085	10.08
Total taxable real and personal property	732,785,445	90.51
Utilities		
Airline companies	1,243,200	.15
Electric companies	36,913,315	4.56
Express companies	5,200	1/
Gas companies	6,280,319	.78
Heating companies	-	-
Pipeline companies	-	-
Railroad companies	4,019,280	.50
Tank and private car companies	402,777	.05
Telegraph companies	89,400	.01
Telephone companies	26,928,049	3.33
Water transportation companies	-	-
Taxable utility property	76,867,740	9.49
Total taxable real, personal, and utility property	809,653,185	100.00

1/ Less than .01%

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 Collection; Research and Special Services Division.

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

Item	Medford	Ashland	Central Point	Eagle Point
Population	30,150	13,487	4,180	1,350
True Cash Value (TCV)	$261,912,684	$65,971,186	$22,665,677	$4,892,788
Per capita TCV	8,687	4,891	5,422	3,624
City tax	1,913,197	253,989	128,514	35,962
Consolidated tax	6,857,027	1,808,270	644,714	139,151
Per capita tax				
City	$ 63	$ 19	$ 31	$ 27
Consolidated	227	134	154	103
Percentage of total levy				
County	2.9	2.7	2.6	2.6
City	27.9	14.0	19.9	25.8
School	68.9	83.0	77.0	71.3
Other	.3	.3	.4	.2
Average rate/$TCV basis				
County	.75	.75	.75	.75
City	7.30	3.85	5.67	7.35
School	18.04	22.74	21.91	20.27
Other	.08	.07	.11	.07
Total	26.18	27.41	28.44	28.44

Item	Jacksonville	Phoenix	Talent	Gold Hill
Population	1,780	1,370	1,650	625
True Cash Value (TCV)	$9,340,031	$7,034,410	$5,413,226	$2,767,567
Per capita TCV	5,247	5,135	3,281	4,428
City tax	31,476	40,589	34,969	20,203
Consolidated tax	206,797	190,479	169,488	83,110
Per Capita tax				
City	$ 18	$ 30	$ 21	$ 32
Consolidated	116	139	103	133
Percentage of total levy				
County	3.4	2.8	2.4	2.5
City	15.2	21.3	20.6	24.3
School	81.1	75.6	65.4	73.0
Other	.3	.3	11.6	.2
Average rate/$TCV basis				
County	.75	.75	.75	.75
City	3.37	5.77	6.46	7.30
School	17.95	20.48	20.48	21.91
Other	.07	.08	3.62	.07
Total	22.14	27.08	31.31	30.03

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

Item	Rogue River	Butte Falls
Population	840	396
True Cash Value (TCV)	$3,874,150	$1,040,018
Per capita TCV	4,612	2,626
City tax	10,576	4,514
Consolidated tax	109,910	25,938
Per capita tax		
City	$ 13	$ 11
Consolidated	131	66
Percentage of total levy		
County	2.6	3.0
City	9.6	17.4
School	80.9	79.3
Other	6.8	.3
Average rate/$TVC basis		
County	.75	.75
City	2.73	4.34
School	22.96	19.78
Other	1.93	.07
Total	28.37	24.94

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, Jackson County

Item	Total Amount	Amount Unpaid	Percent Unpaid
Property taxable			
Real	$15,282,248	$2,083,630	13.6
Personal	1,861,445	259,178	13.9
Public utilities	1,663,573	55,153	3.3
Western Oregon additional timber tax	97,615	25,139	-
Yield tax	5,925	-	-
Other	52,352	1/	-
Total for collection	18,963,158	2,423,100	12.8

1/ Other is not included in total for taxes 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.

Table 98. Summary of 1971-72 Property Tax Levies and Assessments, Jackson County

Item	Amount in Dollars
Levies	
County	$ 611,503
Cities	2,473,990
Community colleges	-
Elementary and secondary school districts	
Intermediate county	3,554,868
Education joint	-
Elementary and unified	12,455,159
Union High	-
County Unit	-
Total School Districts	16,010,027
Special Districts	
Cemetery	-
Fire Protection	591,233
Hospital	-
Parks and recreation	-
Port	-
Road	-
Sanitary	493,132
Water supply	34,354
Other	57,074
Total special districts	1,175,793
Total Gross Ad Valorem Levies	20,271,313
Special assessments	
Fire patrol	152,633
Forest fee	1,163
Diking and drainage	-
Irrigation	562,234
Lighting	-
Other	252
Total special assessments	716,282
Total Gross Levies and assessments	20,287,595
Less Property Relief money	
Senior citizens	145,045
Game Commission	5,587
Total Net Ad Valorem Levies	20,120,681
Net Ad Valorem Taxes by Class	
Real property	16,197,616
Personal property	2,034,713
Utility property	1,888,350

SOURCE: Oregon State Department of Revenue, Summary of Assesment 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 Capitol 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 Capitol 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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