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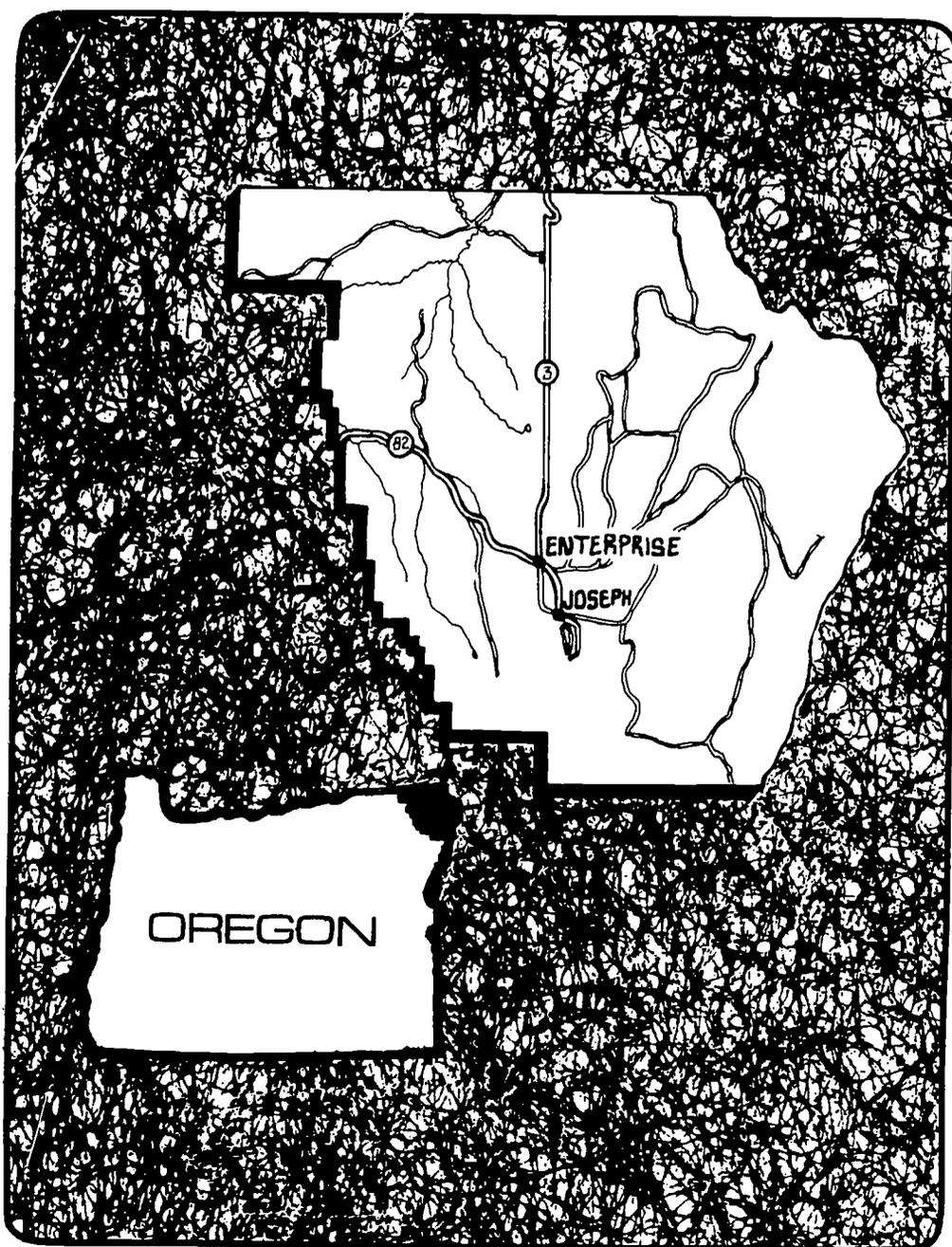
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ABSTRACT

Prepared by the Smaller Communities Services Program of the Oregon Department of Employment, this 1968 report summarizes the program findings with relation to Wallowa County, Oregon. As stated, the overall objective of the program was promotion of the economic adjustment of specific rural, low-income areas--including the occupational adjustment of individual residents. In furtherance of this objective, a mobile team of 1 supervisor, 1 counselor, 1 labor area analyst, and 6 temporary personnel collected information pertaining to Wallowa County. The findings are reported in the document in terms of the area's relationship to the Pacific Northwest, recreation areas, general description of the area, socioeconomic factors, historical notes, population trends, agriculture, nonagricultural industries, employment distribution, payrolls and spendable income, natural resources, the labor force, vocational training, study methodology, and occupational groups. One graph, 13 tables, and a 9-item bibliography are included. (MJB)

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# SMALLER COMMUNITIES PROGRAM



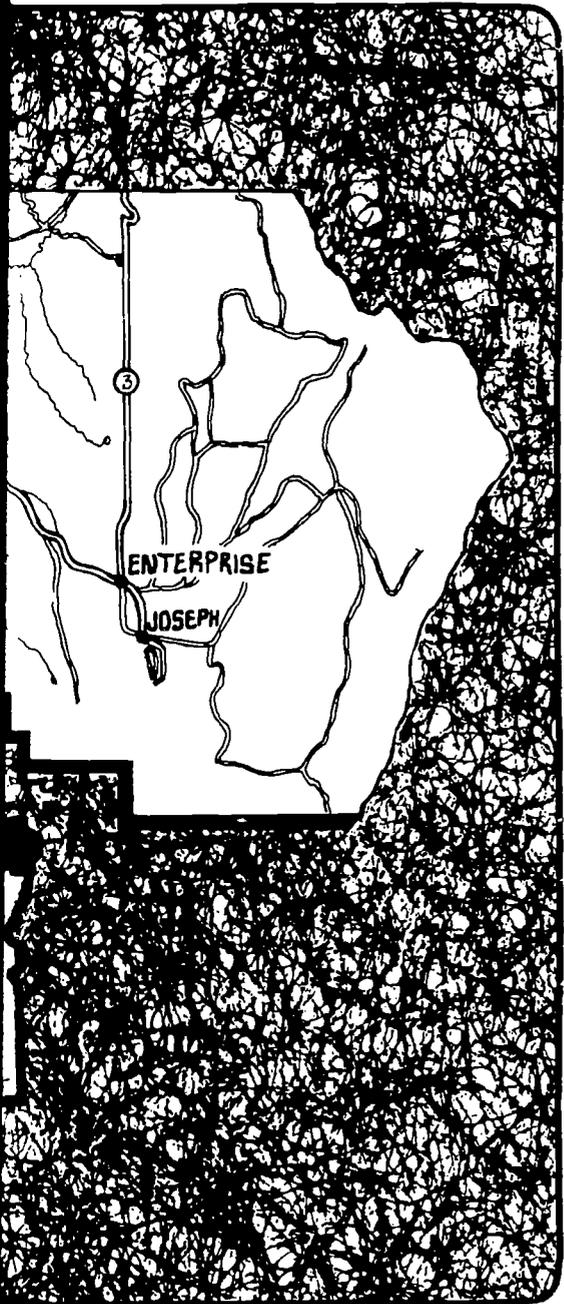
## APPLICANT OCCUPATIONAL POTENTIAL AND ECONOMIC BASE REPORT FOR WALLOWA COUNTY OREGON

PUBLIC EMPLOYMENT SERVICE



SERVICE FOR EVERYONE  
LOCAL STATE NATIONAL

STATE OF OREGON  
DEPARTMENT OF EMPLOYMENT



SMALLER COMMUNITIES PROGRAM  
WALLOWA COUNTY, OREGON



COMBINED ECONOMIC BASE REPORT AND APPLICANT POTENTIAL REPORT  
AN EVALUATION OF THE ECONOMIC AND HUMAN RESOURCES  
OF A RURAL OREGON COUNTY



STATE OF OREGON  
DEPARTMENT OF EMPLOYMENT

J. N. PEET, COMMISSIONER

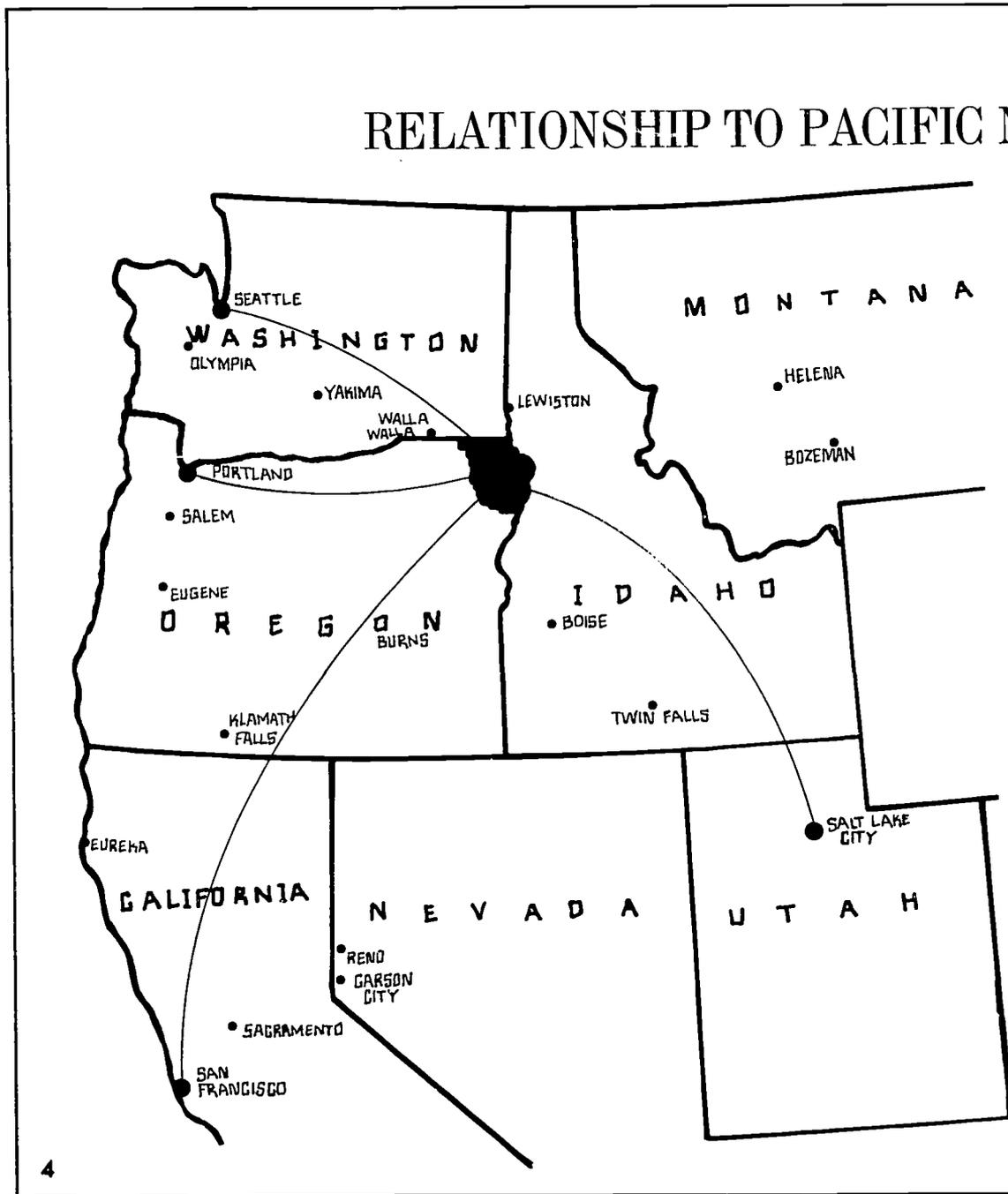
PREPARED BY  
OREGON STATE EMPLOYMENT SERVICE  
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HAROLD TAPP, RURAL AREA REPRESENTATIVE

MARCH 1968

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# RELATIONSHIP TO PACIFIC NORTHWEST



The map shows the location of the Pacific Northwest.

There are several cities in the Pacific Northwest. The elevation of Enterprise is 1,000 feet. The elevation of Joseph is 1,000 feet.

Listed below are the distances in miles from the Pacific Northwest to the following cities:

Portland, Oregon  
Seattle, Washington  
Salt Lake City, Utah  
San Francisco, California

It is 317 miles from the Pacific Northwest to Salt Lake City.

## RELATIONSHIP TO PACIFIC NORTHWEST



The map to the left depicts the general location of Wallowa County in relation to the Pacific Coast and Northwestern United States.

There are two excellent airports in the south central part of the county; one at Enterprise with a 2,500 foot runway and an elevation of 3,900 feet, and one south of Joseph, with a 3,900 foot runway and an elevation of 4,200 feet.

Listed below are the distances, in airline miles, from Enterprise to the nearest metropolitan areas, in all directions:

Portland.....	270 Miles
Seattle.....	310 "
Salt Lake City.....	440 "
San Francisco.....	660 "

It is 317 miles by the most direct highway route from Enterprise to Portland.

## INTRODUCTION

The Smaller Communities Services Program of the Oregon Department of Employment is used as a means of expanding the services of the agency to cope with the needs of rural, low income areas. Many of these areas are served only partially and inadequately by the present system of permanent Employment Service local offices. The overall objective of the program is promotion of the economic adjustment of these areas, including the occupational adjustment of the individual residents. In furtherance of the overall objective, the major responsibilities of the program are to:

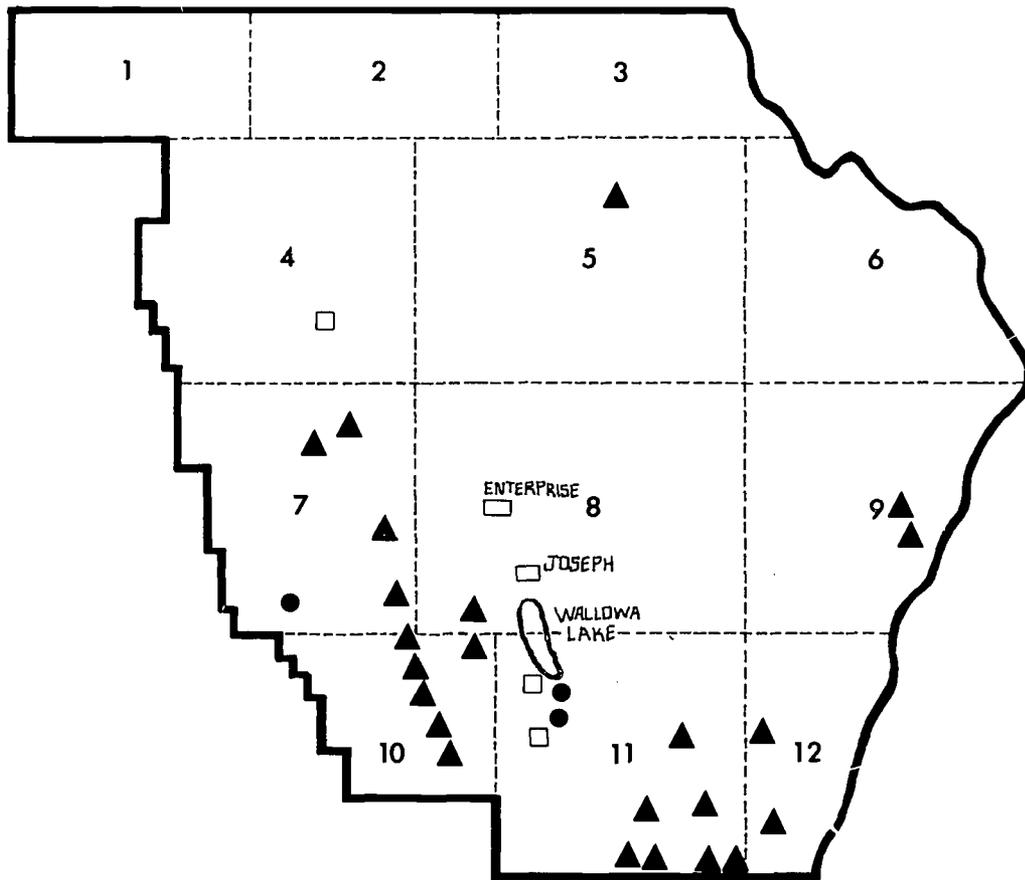
- (a) Determine the current and potential manpower resources of the area.
- (b) Determine the current and projected future manpower needs of the area.
- (c) Provide employment counseling and placement assistance to residents of the area with relation to jobs both within and outside the area.
- (d) Assist the community in cataloging and evaluating its economic resource.
- (e) Cooperate with other agencies and community groups in developing programs for economic development.

The Smaller Communities Services Program is operated by the Oregon Department of Employment under the authorization of, and with funds provided by, the Bureau of Employment Security of the U. S. Department of Labor.

The herein report is a summary of the program findings with relation to Wallowa County, Oregon. These findings are the result of field work performed over a period of three months by a Mobile Team composed of one supervisor, one counselor, one labor area analyst and six temporary personnel hired in Wallowa County expressly for the study. The report was received and approved by county officials prior to printing.

\* \* \* \* \*

# WALLOWA COUNTY RECREATIONAL AREAS



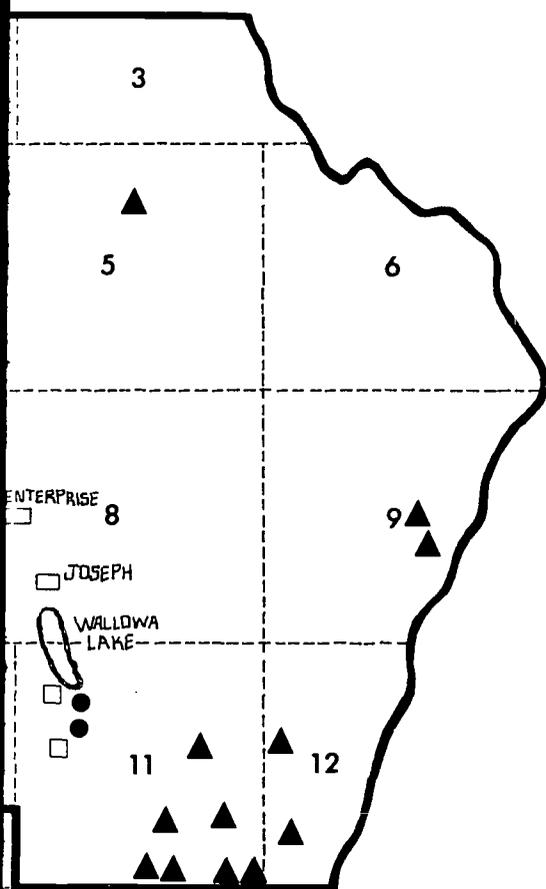
On the adjacent map, the  
of recreational facilities  
these symbols:

- Forest Camp...
- State Park...
- Commercial Re...

Some of the Forest Camps,  
at high elevations in the  
the county, require four-w  
to reach.

Map of Wallowa County showing location of recreation areas. Numbers on above map correspond to numbers of maps which are available from the U.S. Forest Service on a 2" to one mile scale.

# OWA COUNTY RECREATIONAL AREAS



On the adjacent map, the location and types of recreational facilities are indicated by these symbols:

- Forest Camp.....▲
- State Park.....□
- Commercial Resort....●

Some of the Forest Camps, particularly those at high elevations in the southern part of the county, require four-wheel drive vehicles to reach.

g location of recreation  
o correspond to numbers of  
om the U.S. Forest Service

# SMALLER COMMUNITIES PROGRAM WALLOWA COUNTY, OREGON

## GENERAL DESCRIPTION

### AREA DEFINITION AND LOCATION

Wallowa County is located in the extreme northeastern corner of the State of Oregon, being bounded on the east by the State of Idaho, on the north by the State of Washington, on the west by Umatilla and Union Counties, and on the south by Baker County.

Enterprise, the county seat, is located in the south central part of the county and is 317 highway miles, or approximately 270 airline miles nearly due east of the nearest metropolitan area, Portland, Oregon, and approximately 640 airline miles northeast by north of San Francisco, California.

### TOPOGRAPHY

Wallowa County has a total land surface of approximately 3,200 square miles, all lying at a considerable elevation, and more than half of which may be classed as mountainous with peaks ranging up to a maximum of 10,000 feet. A broad dissected plateau occupies the central portion of the county, with elevations ranging from approximately 2,800 feet to 4,000 feet. There are also some minor finger valleys scattered along the Imnaha drainage in the eastern part of the county. Drainage of the area is generally to the north through deeply incised canyons. Principal rivers are the Minam and Wallowa which flow into the Grande Ronde at the northwestern edge of the county, and the Imnaha which flows into the Snake River near the northeastern corner of the

county. All of the streams in the major ones have their heads which form the southern boundary. There are more than 50 lakes in the county, five of these are fifty or more acres. Lake, which covers 1,600 acres, is the most accessible.

### CLIMATE

Generally speaking, the climate is the semi-arid intermountain type throughout most of the year, the normal year having measured days tend to be hot on the coast and cool. Winters can be severe at higher elevations. There is a long season of slightly more snow. The average is not an absolute; it varies and has, although this is a wide range in annual precipitation, a high of 60 inches in the south and a low of 12 inches on the coast. Precipitation at Enterprise, Oregon, is also at near an average elevation of 13 inches. Most of this comes in the form of snow. Some snow occurs in the summers on the higher peaks, but no glacialiation.

# SMALLER COMMUNITIES PROGRAM WALLOWA COUNTY, OREGON

## GENERAL DESCRIPTION

### LOCATION

located in the extreme northeastern part of Oregon, being bounded on the east by the State of Idaho, on the north by the State of Washington, west by Umatilla and Union Counties, and south by Baker County.

The county seat, is located in the south central part of the county and is 317 highway miles, or 190 air line miles nearly due east of the city of Portland, Oregon, and approximately 100 miles northeast by north of San Francisco, California.

The total land surface of approximately 10,000 square miles, all lying at a considerable elevation, half of which may be classed as high mountain peaks ranging up to a maximum of 10,000 feet. A broad plateau occupies the central part of the county, with elevations ranging from approximately 4,000 feet. There are also numerous valleys scattered along the Imnaha River in the northern part of the county. Drainage is generally to the north through deeply incised valleys. The principal rivers are the Minam and Grande Ronde at the north, the Imnaha at the northeast, and the Walla Walla near the northeastern corner of the

county. All of the streams rise within the county and the major ones have their headwaters in the high Wallawas which form the southern boundary of the county. There are more than 50 lakes in the higher elevations, but only five of these are fifty or more acres in extent. Wallowa Lake, which covers 1,600 acres, is the largest and also the most accessible.

### CLIMATE

Generally speaking, the climate is that of the rest of the semi-arid intermountain west. Sunshine prevails throughout most of the year with less than 100 days in the normal year having measurable precipitation. Summer days tend to be hot on the central plateau but the nights are cool. Winters can be severe, particularly in the higher elevations. There is an average frost-free growing season of slightly more than four months, but the average is not an absolute; frost can come in any season, and has, although this is a rare occurrence. There is a wide range in annual precipitation which ranges from a high of 60 inches in the south central mountains to a low of 12 inches on the central plateau. Annual average precipitation at Enterprise, the county seat (which is also at near an average elevation) is slightly more than 13 inches. Most of this comes in the late winter and early spring and practically all at the higher altitudes is in the form of snow. Some snow remains during most summers on the higher peaks, but there is no appreciable glaciation.

(Continued next page)

7

Description (Cont.)

RELATIONSHIP TO OTHER AREAS

Wallowa County has no Federal highways within its boundaries but is served by State Route 82, which connects with U.S. Highway 30 at La Grande, and State Route 3, which links the county with the State of Washington to the north. A branch line of the Union Pacific Railroad serves the Wallowa valley with connections to the main line, also at La Grande. Aside from the two State highways mentioned, there are no paved roads leading out of the county, although there are two unimproved roads leading out of the north part of the county. The Grand Canyon of the Snake River, which forms the eastern boundary, and the high Wallows and the Sawtooth range, which form the southern boundary, would present some pretty sticky problems to anyone thinking of building a road in either direction.

Thus, the only effective relationship is with Union County, of which La Grande is the county seat. This relationship extends to some similarities of climate, labor force characteristics and industry. There is some commuting out to work in Union County by Wallowa County residents, but practically no commuting in.

GENERAL

Of slightly more than two million acres of land in Wallowa County, approximately 856,000 acres, or about 42.2 percent, are in private ownership. Of this acreage in private ownership, 721,367 acres, or nearly 36 percent of the total land area, is in farms and grazing land. Of the total 1,177,256 acres in public ownership, 1,158,125 are federally held and the balance is about equally divided between state and local holdings.

Almost one-half of the federally held lands are in poorly accessible terrain, partly above the timber line, and generally of no value except for recreation purposes. The remainder is mostly in timber stands, although some of these stands have been removed from multiple use to form a part of a wilderness area of nearly 200 square miles, partly in Wallowa and partly in Union and Baker Counties.

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Almost all of the nearly three million acres of farm land in the Wallowa Valley. However, the farm lands on each side of the valley for part of its length. The county is accessible portions by approximately 41 miles of paved highway, 225 miles of surfaced or graded roads. Common carrier passenger train service to the county, although the mail stops once daily as far as La Grande.

THE INDUSTRIES

The industry of Wallowa County is described on pages 15 through 21; however, the report will be very brief.

The basic industry of Wallowa County is agriculture. Of some 525 farms in the county, 228 are operated as commercial and 298 are family farms, with an average value in excess of \$5,000 each. Fully 75 percent of the farms exceeded the total employment of the county in the industry. Total value of farm products in excess of \$5,860,000. Livestock products usually account for approximately 40 percent of the total farm sales. Here, as elsewhere, the mechanization of farms has caused a decrease in agricultural employment.

Lumber and wood products produce the bulk of the manufacturing output of the county. The dominant nonagricultural industry. However, this segment of industry has declined in recent years and presently of little importance. Retail trade is in an upward trend, both in volume and percentage of the total trade. Trade is to some extent seasonal, influenced by factors as tourism and seasonal industries.

\* \* \*

1/ U.S. Dept. of Commerce, Bureau of Economic Analysis, Agricultural Census.

highways within its bound-  
ary, State Route 82, which connects  
the county with the State of Washington to  
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County, or about 42.2 percent,  
this acreage in private own-  
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acreage of land. Of the total  
acreage, 1,158,125 are feder-  
ally owned and equally divided between

held lands are in poorly  
timbered areas, and gen-  
erally for recreation purposes. The  
lands, although some of  
them are used for multiple use to form  
nearly 200 square miles,  
in Union and Baker Counties.

Almost all of the nearly three-quarters of a million acres  
in farm land lies on the central plateau known locally as  
Wallowa Valley. However, there are scattered strips in  
farm lands on each side of the Imnaha River, over a good  
part of its length. The county is traversed in the ac-  
cessible portions by approximately 80 miles of State  
highway, 41 miles of paved county road, and approximately  
225 miles of surfaced or graded county road. There is no  
common carrier passenger transportation operative in the  
county, although the mail stage does take passengers  
once daily as far as La Grande.

#### THE INDUSTRIES

The industry of Wallowa County will be more fully treated  
on pages 15 through 21; hence, the description here  
will be very brief.

The basic industry of Wallowa County, both in relation to  
manpower usage and wage and salary income, is agriculture.  
Of some 525 farms in the county in 1964,<sup>1/</sup> 404 were class-  
ed as commercial and 298 of these had product sales in  
excess of \$5,000 each. Full time farm operators, alone,  
exceeded the total employment in any one nonagricultural  
industry. Total value of farm products sold in 1966 was  
in excess of \$5,860,000. Livestock and livestock prod-  
ucts usually account for approximately two-thirds of the  
total farm sales. Here, as elsewhere, consolidation and  
mechanization of farms has caused a downward trend in  
agricultural employment.

Lumber and wood products processing, which account for  
the bulk of the manufacturing employment, was at one time  
the dominant nonagricultural industry of the county. How-  
ever, this segment of industry has seriously declined in  
recent years and presently offers no signs of resuming  
its former prominence. Retail trade, on the other hand,  
is in an upward trend, both with regard to actual numbers  
employed and percentage of the overall total employment.  
Trade is to some extent seasonal, being affected by such  
factors as tourism and seasonal employment in other in-  
dustries.

\* \* \* \* \*

<sup>1/</sup> U.S. Dept. of Commerce, Bureau of the Census, 1964  
Agricultural Census.

## SOCIO-ECONOMIC FACTORS

### HOUSING

Wallowa County has suffered an almost 16 percent population loss in the past 16 years, with more than 75 percent of the loss coming in the past seven years. Construction of new housing has therefore been at a minimum, although there has been some activity in this respect in and around the Enterprise area. The 1960 census lists 32 percent of the housing in Wallowa County as being either deteriorated, dilapidated, or lacking in plumbing. As near as could be determined by the Mobile Team, the percentage of substandard housing in the county is still about the same today. Some housing has been abandoned and has probably progressed from deteriorating to dilapidated. However, it appears likely that some of the population which left the county in the past seven years were probably residing in substandard housing during their stay in the county.

By far, the majority of the presently occupied housing is well-kept, neat in appearance, and generally indicative of householder pride. The same standards seem to apply to most of the occupied business premises, although there are a few spots in all the incorporated areas which should be removed in the interests of general appearance.

Sound modern housing, either for rent or for sale, is scarce although reasonably priced when found. Facilities for transients are minimal except at Enterprise, and even in that town they are sometimes scarce. There are four trailer courts in the county, with a total space for 33 trailers, aside from the spaces at Wallowa State Park near Joseph, which can be used on a limited term basis only.

### SCHOOLS

Wallowa County schools have a total enrollment of 1,580 and a total instructor personnel of 97, exclusive of certificated personnel in administrative and librarian positions. Latest report available (that for the 1964-65

school year) indicates approximately the instructor personnel had at least a bachelor's degree. The county ranks fourth in median school years completed by the population aged 25 years. Contact with high schools indicates a lack of registration, counseling and testing facilities. The Unit with the impression that an effort should be done from an academic standpoint, but that no such school. Vocational training facilities are limited and there are no facilities for vocational training beyond high school. While people contacted in the course of the survey were interested in vocational training, that even fewer were interested in such training.

### CHURCHES

Almost one-half of the people over 18 years of age in Wallowa County are church members. There are 12 churches embracing 12 different denominations. Four of the congregations have members. Three have less than fifty members. Most churches are pastored by lay ministers and receive little or no financial support from their members.

### FRATERNAL ORGANIZATIONS AND SERVICE CLUBS

Most of the major fraternal organizations have active groups in Wallowa County. These include the Jaycees and Lions Clubs. Three national farm organizations have chapters in the county.

### RECREATION

Wallowa County offers what is probably the most beautiful recreational area in the State of Idaho. Fishing, boating, swimming and mountaineering are the more prevalent activities. For those who enjoy the scenery alone is well worth a trip. Hunting is both stream and lake fishing and bird watching. There are also big game and upland bird hunting. Wallowa Lake, which covers

## FACTORS

16 percent popula-  
more than 75 percent  
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a minimum, although  
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census lists 32  
county as being either  
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Mobile Team, the per-  
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There are four trail-  
l space for 33 trailers,  
te Park near Joseph,  
basis only.

enrollment of 1,580  
97, exclusive of cer-  
e and librarian posi-  
t for the 1964-65

school year) indicates approximately three out of four of the instructor personnel had at least a baccalaureate degree. The county ranks fourth among all Oregon Counties in median school years completed by persons over the age of 25 years. Contact with high school youth in the course of registration, counseling and testing left the Mobile Unit with the impression that an excellent job is being done from an academic standpoint, at least through high school. Vocational training facilities in high school are limited and there are no facilities for vocational training beyond high school. While only a few of the people contacted in the course of the Household Study were interested in vocational training, it seems worth noting that even fewer were interested in leaving the county for such training.

### CHURCHES

Almost one-half of the people over the age of 13 in Wallowa County are church members. There is a total of 18 churches embracing 12 different denominations, but only four of the congregations have memberships of 100 or more. Three have less than fifty members. Some of the smaller churches are pastored by lay ministers, who receive little or no financial support from their churches.

### FRATERNAL ORGANIZATIONS AND SERVICE CLUBS

Most of the major fraternal organizations and service clubs have active groups in Wallowa County. Among the service clubs, the Jaycees and Lions are the most active. Three national farm organizations have chapters in the county.

### RECREATION

Wallowa County offers what is probably the best outdoor recreational area in the State of Oregon. Fishing, hunting, boating, swimming and mountain climbing are among the more prevalent activities. For the less active, the scenery alone is well worth a trip into the area. There is both stream and lake fishing available. The area abounds in big game and upland birds, as well as water-fowl. Wallowa Lake, which covers approximately 1,600

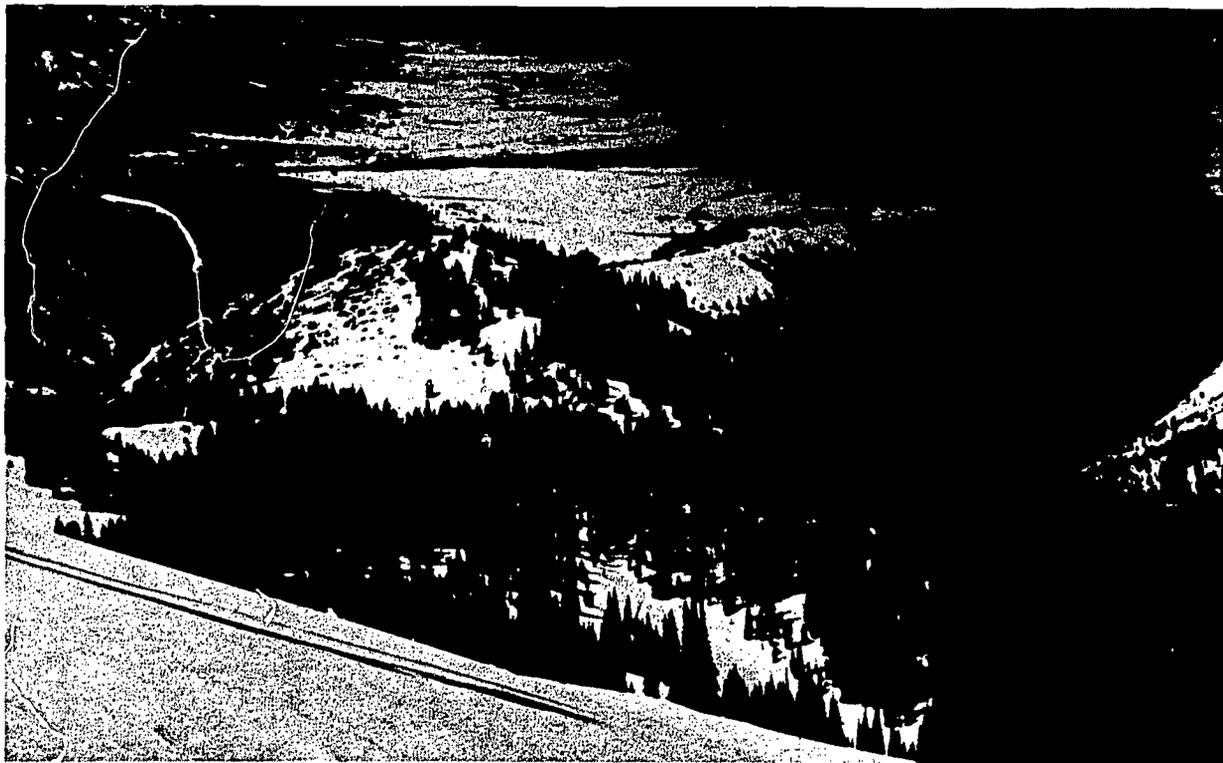
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Description (Cont.)

acres, has excellent facilities for small boat launching. Camping spaces are available on a first-come basis in a state park south of the lake. In addition, there are several private facilities including one ski lift, as well as some forest camps within easy range. The lake and the state parks are easily reached over a paved, all-weather road. Excellent airports near Enterprise and Joseph offer accommodations for private planes. The whole area is dotted with forest camps.

There are no locally  
Television viewing is  
Isolation and limited  
of cultural attraction

There are municipal  
Joseph. There is also  
with excellent selection  
mobile service to the  
and Imnaha.

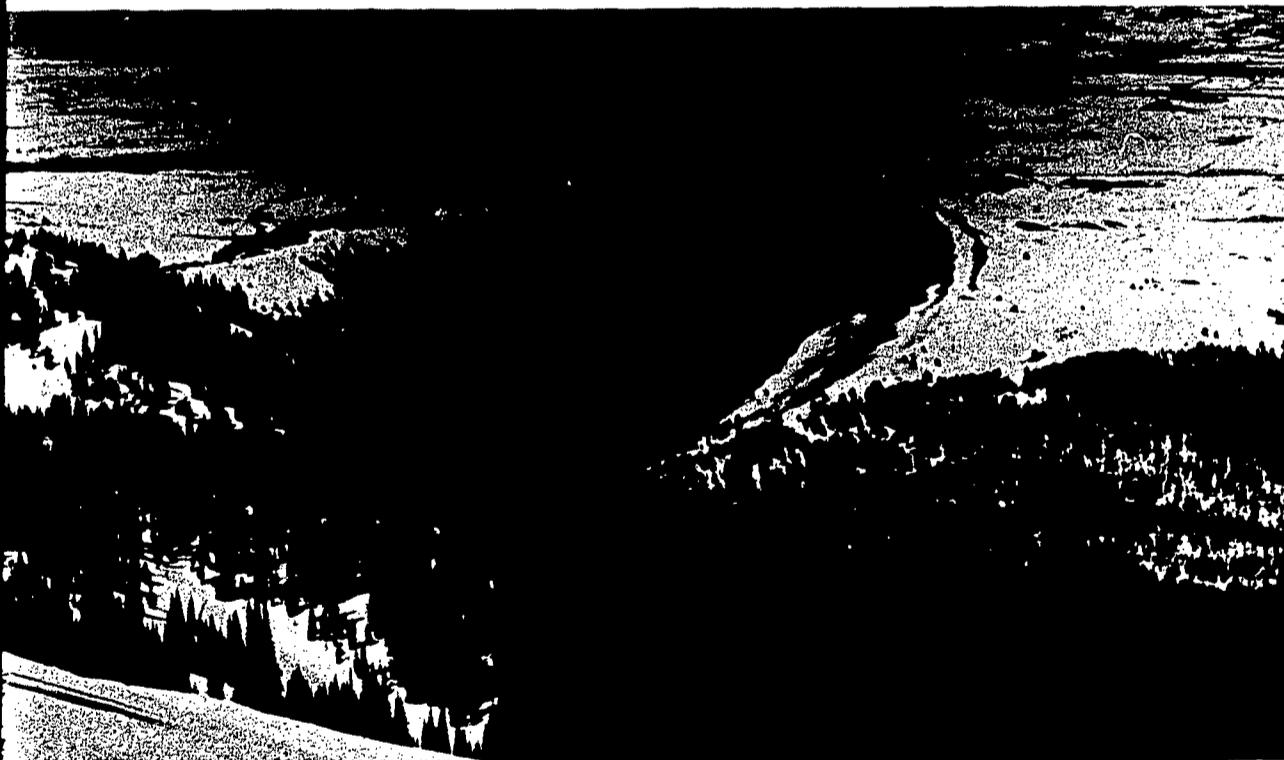


WALLOWA LAKE FROM THE SUMMIT OF HOWARD MOUNTAIN. PHOTO COURTESY W

for small boat launching.  
 a first-come basis in a  
 In addition, there are  
 including one ski lift, as  
 an easy range. The lake  
 reached over a paved, all-  
 ts near Enterprise and  
 private planes. The  
 t camps.

There are no locally originating entertainment facilities.  
 Television viewing is available via cable and translator.  
 Isolation and limited population restricts the importation  
 of cultural attractions to a degree.

There are municipal libraries at Enterprise, Wallowa and  
 Joseph. There is also a well-maintained county library  
 with excellent selection at Enterprise, which offers book-  
 mobile service to the communities of Flora, Troy, Lostine  
 and Imnaha.



FROM THE SUMMIT OF HOWARD MOUNTAIN. PHOTO COURTESY WALLOWA CHIEFTAIN.

## HISTORICAL

Wallowa was the last of all Oregon Counties to be settled. Although it doubtless experienced some visits from hunters and trappers during the early years, it was generally by-passed by the western tide of immigration. When one looks at the general topography of the county, this is not hard to understand. Actually, the county is easily approachable only from the west. Hence, it was not until good free land started to become scarce in the more settled areas to the west and north that anyone thought of pushing over the hills to the east and into the soil-rich Wallowa Valley. The first visitors of record were the Tulley brothers, F. C. Bramlett, and a man named Masterson in 1871. Bramlett came directly from Douglas County, but the other three drove stock over from the Cove District in Union County. Bramlett settled on land a few miles east of the present town of Joseph, and so became the first resident in what is now Wallowa County. The other three, with several others (Proebstel, Coright, Beggs, Johnson and Powers, to name a few) returned and took up land in 1872. This group also appears to have built the first road into the valley. Settlement must have continued to be very slow, since early historians note that a James Wilson, who arrived in 1875, was the twenty-first settler in the valley. By 1878, the settlement had extended to the present Imnaha where one John Johnson was the first settler to take up land.

The first post office appears to have been established at Lostine in 1878, followed by one at Joseph in 1879. By 1884, Joseph also had a newspaper, "The Chieftain," since moved to Enterprise.

1/ History of Union and Wallowa Counties.  
Western Historical Publishing Co. (1902)

The first school in the county flourished of Bear Creek and the valley in the present town of Wallowa in 1876. Sad to relate, the school undertaking, turned out to be a failure. A public school was organized in 1879 and was taught by "a teacher" for a period of three months. A new school was built in the same year at the settlement of Joseph. It was not until 1887, when a second school was built at Joseph, with a second school district organized in the same year. By 1887, when the school was organized, there were 24 schools in the county with a total enrollment of 749 out of a population of 1,200. However, there were no schools in the county prior to 1908.

As late as 1902, only a little over 850,000 acres of land in private hands were appropriated. A historian of the county notes that the claims were filed against 56,000 acres. The same historian notes that the opposition from the cattle growers of the county to the building of a railroad being built into the valley was "hostile to the interests of the county," because it would "cessitating the building of a railroad for the cowboys and herders for (sic) their point of view, and settlement, and the conversion of the valley into small farms, thus compelling the flocks and herds to retrench and abandon his pursuit entirely."

Eventually, in 1908, the railroad was built, and the main line of the Union Pacific ran through the county, and probably no one benefited from the railroad. As an aside, the average size of all ranches in the county has increased from just over 1,200 acres in 1908 to over 1,500 acres in 1964--and is still climbing. The average size of the ranches was under 600 acres prior to 1908, and the ranch owners at the turn of the century have been without foundation.

AL

Counties to be settled. Some visits from hunters, it was generally immigration. When one of the county, this is the county is easily hence, it was not until scarce in the more settlement that anyone thought of and into the soil-rich records of record were the and a man named Masterson from Douglas County, but from the Cove District on land a few miles h, and so became the Wallowa County. The other hotel, Coright, Beggs, returned and took up appears to have built the settlement must have continued. Historians note that a, was the twenty-first the settlement had experienced one John Johnson was

have been established at at Joseph in 1879. By "The Chieftain," since

Counties.  
(1902)

The first school in the county was built near the confluence of Bear Creek and the Wallowa River (approximately in the present town of Wallowa) by one M. S. Anderson in 1876. Sad to relate, the school, which was a private undertaking, turned out to be unprofitable and was discontinued. A public school was set up on the same site in 1879 and was taught by "a teacher named Hase"<sup>1</sup> for a period of three months. A new school was built in the same year at the settlement of Alder, being taught by one Harold Burleigh. It was not until 1881 that a school was built at Joseph, with a second school being built at Lostine in the same year. By 1887, when the county was first organized, there were 24 schools in the county, with a total enrollment of 749 out of 1,396 persons of school age. However, there were no high schools in the county prior to 1908.

As late as 1902, only a little over 440,000 of the present 850,000 acres of land in private ownership had been appropriated. A historian of that day noted that homestead claims were filed against 56,000 acres during 1901. The same historian notes that there was considerable opposition from the cattle growers of the area to the proposal of a railroad being built into the valley. They considered a railroad "hostile to their interests," states the historian, because it would "cut through the ranges, necessitating the building of ... fences and making extra work for the cowboys and herders. What is still worse for (sic) their point of view, it encourages immigration and settlement, and the conversion of large cattle ranges into small farms, thus compelling the owner of extensive flocks and herds to retrench and perhaps to eventually abandon his pursuit entirely." <sup>1</sup>

Eventually, in 1908, the railroad connecting with the main line of the Union Pacific at La Grande was built, and probably no one benefited from it quite as much as the ranchers. As an aside, it seems worth noting that the average size of all ranches in Wallowa County went up from just over 1,200 acres in 1959 to nearly 1,400 acres in 1964--and is still climbing. Since the average size was under 600 acres prior to the railroad, the fears of the ranch owners at the turn of the century appear to have been without foundation. (Continued next page)



#### HISTORICAL (Cont.)

Unlike the other counties in eastern Oregon, Wallowa has never had a "mining excitement," although some prospecting has been done and some mineral values have been disclosed. From a historical standpoint, the area is chiefly noted for being the home base of the redoubtable young Chief Joseph of the Nez Perce Indian tribe. The Chief, who might well have been the man who invented the phrase "strategic retreat," in that he beat his white adversaries over every mile of a 1,400 mile retreat, only to lose his war to the elements in the last ten miles, also bears some historical resemblance to Homer. More than half a hundred towns in northeastern Oregon, southeastern Washington and northern Idaho, who sought Chief Joseph's scalp while he was alive, now honor him with historical markers erected to his memory. His body is now buried at Nespelem, Washington, despite occasional attempts to place it elsewhere.

At this late date, it appears that the cause of Chief Joseph's war had its origins in Wallowa County, although not a single battle of the war was fought in that area.

Because Wallowa County has been almost exclusively an agricultural area from its first settlement, it has missed much of the uproarious wildness that characterized the beginnings of most western counties. The cattlemen got along with the sheepmen--and vice versa. There were never any of the bitter feuds between families or groups that occurred in some other localities. But not all of the citizens were completely law abiding; there was the matter of the Chinese massacre in the spring of 1887, for instance. Ten Chinese miners in the Snake River Canyon were set upon and killed by a group of six white men, whose names were later learned, but none of whom were punished. A considerable amount of gold was taken from the miners after the massacre. According to reports of the time, one of the desperadoes decamped with the gold, leaving the rest with no profit for their trouble.

Then there was the case of the two bank robberies, about four years apart. The first, in Enterprise, in 1891, appears to have been a well-organized affair, and completely successful. The second in Joseph, in 1895, was not so successful--or more unlucky, depending on one's viewpoint.

One of the Joseph citizens across the street. As one quaintly put the matter, the in use, immediately came to was wrong. The upshot of the robbers were either killed or fortunately, the one who got carrying the money. Today, ture of the area and consequ County would probably be the bank robber would choose to 100 percent success of the early days, it does seem odd made at that time.

Anyone reading the Wallowa day is bound to be struck by which are no longer in exist Prairie Creek, and Lost Pra not today recognizable as to long time residents still re once were by name. Most of these former towns have move the county, or have left the of roads in the county has this.

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One of the Joseph citizens witnessed the holdup from across the street. As one chronicler of the episode quaintly put the matter, the citizens, seeing the guns in use, immediately came to the conclusion that something was wrong. The upshot of the matter was that all of the robbers were either killed or captured except one. Unfortunately, the one who got away was the one who was carrying the money. Today, because of the isolated nature of the area and consequent get away problems, Wallowa County would probably be the last place in Oregon where a bank robber would choose to operate. But, in view of the 100 percent success of the only two efforts made in the early days, it does seem odd that more efforts were not made at that time.

Anyone reading the Wallowa County annals of an earlier day is bound to be struck by the number of place names which are no longer in existence. Leap, Chico, Fruita, Prairie Creek, and Lost Prairie, to mention a few, are not today recognizable as towns, although a few of the long time residents still refer to the areas where they once were by name. Most of the one-time population of these former towns have moved into the larger towns of the county, or have left the county altogether. Advent of roads in the county has largely been responsible for this.

\* \* \* \* \*

## POPULATION

The population of Wallowa County has been subject to violent fluctuation at times during the past quarter of a century. In general, the trend has been down. The Household Study conducted by the Mobile Team of the Smaller Communities Program in September of 1967 located a few more people than previously estimated, but the difference is very slight.

The high point in county population was reached at an estimated 8,400 persons in July of 1943. The 6,100 population found in 1967 represents a 27 percent loss from the all time high, or an approximate 20 percent loss, from the U.S. Census figure of 1940. As nearly as can be determined, the 1940 figure was fairly close to the one which had been maintained for nearly twenty years.

A number of reasons enter into the population loss in the county. To begin with, the basic industry of the county is agriculture. The loss of farm families because of mechanization and consolidation is pointed up by the fact that the number of farms in the county was reduced by 38 percent in the ten years ending in 1964 and estimated farm employment was down by almost 30 percent during the same period.

Secondly, the abnormal population peak of 1943, along with the two lesser peaks since that time, appear to have been caused by cyclical employment in the lumber industry. In Wallowa County, as elsewhere, lumber workers tend to migrate in or out of a given area, as the need for workers expands or contracts. There are now but two small mills operating in the county, and their operations appear to be fairly steady and assured for the immediately foreseeable future.

It now appears the population at, or near, the present level in farm population and employment families of workers in the ser

One factor worth noting is the population. In 1950, 12.7 per above the age of 20 in Wallowa over age bracket. By 1960, 16.8 and, at the time of the of 1967, one of every five po ty were also above the age of the national figure for these

Another noteworthy trend in Wallowa County is the fact the number the males in the total ber females in the under 17 a numbered in the 18 through 4- is an at least partial explan dition to the loss of populat entire households, Wallowa Co exporter of persons in the 18 households residing permanent data available, it appears th be footloose than the single

Continued improvement of road hold the population at the pr the Household Study, approxim muting out of the county to w employment. Considering the to nonmanufacturing, and cons employment to population, it muter jobs may be holding arc lation in the county.

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County population peak of 1943, along with the population peaks since that time, appear to have been caused by the local employment in the lumber industry. As elsewhere, lumber workers tend to leave a given area, as the need for workers declines. There are now but two small mills in the county, and their operations appear to be assured for the immediately foreseeable

It now appears the population of the area will stabilize at, or near, the present level, with continuing losses in farm population and employment being offset by the families of workers in the service and trade industries.

One factor worth noting is the trend toward aging in the population. In 1950, 12.7 percent of the population above the age of 20 in Wallowa County were in the 65 and over age bracket. By 1960, this percentage had risen to 16.8 and, at the time of the Household Study in September of 1967, one of every five persons above the age of twenty were also above the age of 65. This is nearly double the national figure for these same age groups.

Another noteworthy trend in the population statistics for Wallowa County is the fact the females now slightly outnumber the males in the total. Males continue to outnumber females in the under 17 age group, but are badly outnumbered in the 18 through 44 year age brackets. There is an at least partial explanation of this trend; in addition to the loss of population through out-migration of entire households, Wallowa County has been a consistent exporter of persons in the 18 through 24 year group, from households residing permanently in the county. From the data available, it appears the single male is more apt to be footloose than the single female.

Continued improvement of roads into the area may help to hold the population at the present level. At the time of the Household Study, approximately 150 workers were commuting out of the county to work, mostly in manufacturing employment. Considering the ratio of manufacturing jobs to nonmanufacturing, and considering further the ratio of employment to population, it appears that these 150 commuter jobs may be holding around 600 of the present population in the county.

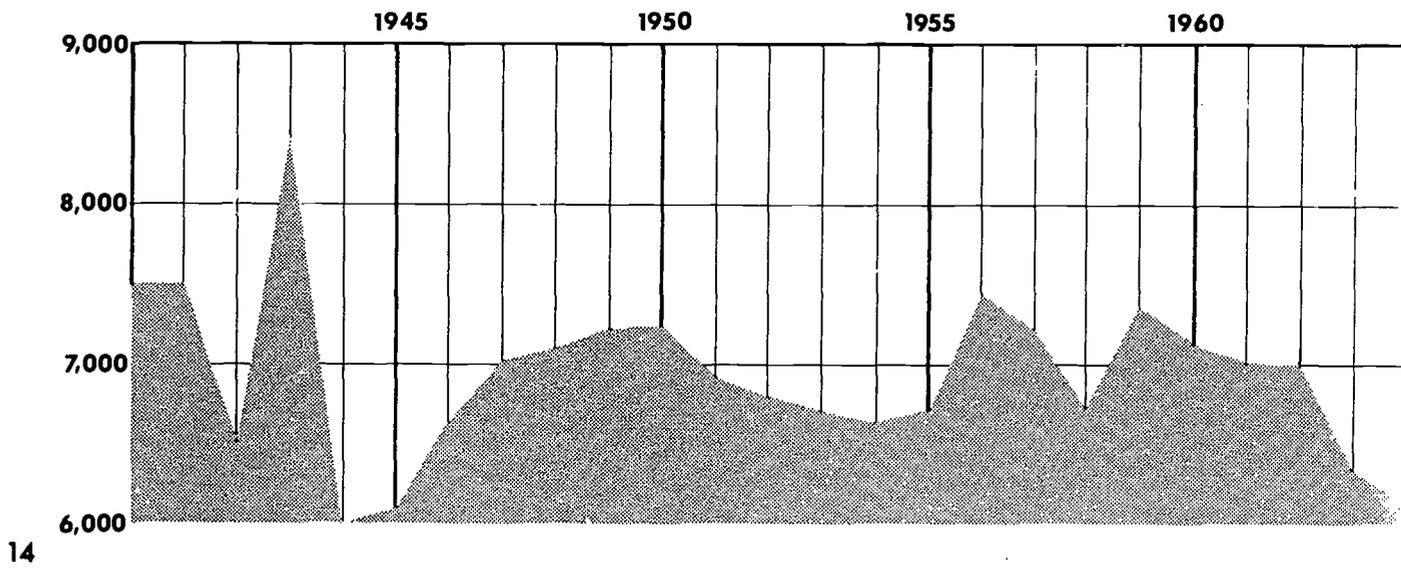
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TABLE I

WALLOWA COUNTY POPULATION TRENDS 1950-1967

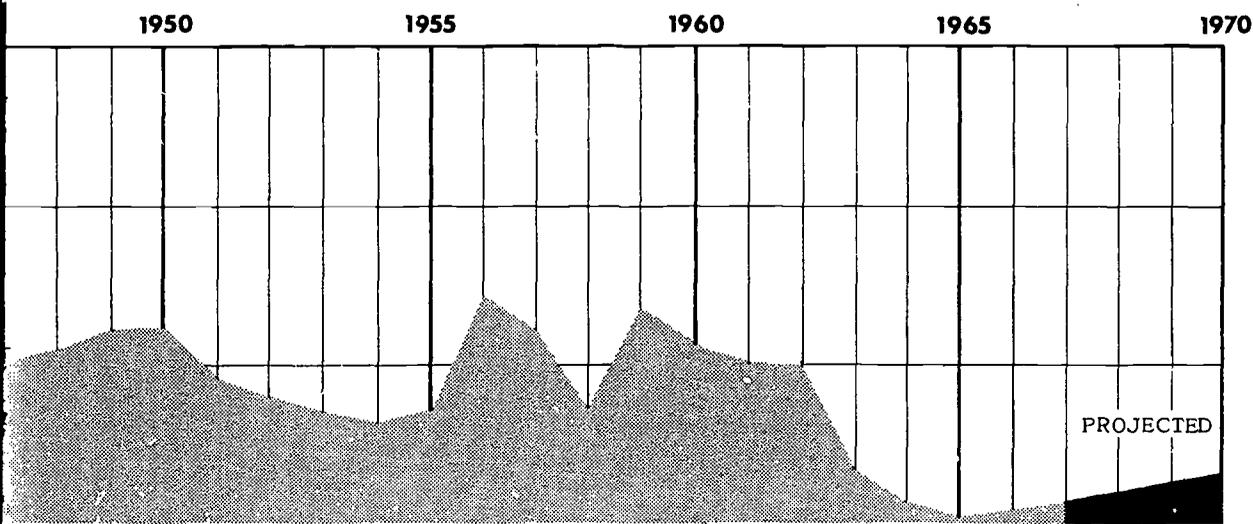
AGE GROUP	1950 TOTAL	TOTAL	1960 MALE	FEMALE	TOTAL
Under 16	2,145	2,375	1,237	1,138	2,033
16 and 17	213	246	125	121	214
18 - 20	249	173	80	93	184
21 - 24	362	282	131	151	245
25 - 34	1,084	824	401	423	610
35 - 44	1,074	913	474	439	810
45 - 54	835	902	480	422	681
55 - 64	710	664	357	307	562
65 & Over	592	723	380	343	766
TOTALS	7,264	7,102	3,665	3,437	6,105



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## IOWA COUNTY POPULATION TRENDS 1950-1967

<u>1950</u> TOTAL	<u>TOTAL</u>	<u>1960</u> MALE	FEMALE	<u>TOTAL</u>	<u>1967</u> MALE	FEMALE
2,145	2,375	1,237	1,138	2,033	1,036	997
213	246	125	121	214	122	92
249	173	80	93	184	84	100
362	282	131	151	245	111	134
1,084	824	401	423	610	289	321
1,074	913	474	439	810	384	426
835	902	480	422	681	355	326
710	664	357	307	562	284	278
592	723	380	343	766	359	407
7,264	7,102	3,665	3,437	6,105	3,024	3,081



## AGRICULTURE

The latest (1964) Agricultural Census shows 721,367 (or 35.5 percent) of Wallowa County's 2,033,920 acres of land surface in farms. At the time of the census, there were 525 separate holdings classed as farms, with an average acreage of 1,374. That Wallowa County is following the national and state trend toward fewer and larger farms is established by the fact that the 1959 Agricultural Census shows 600 separate holdings averaging 1,215 acres in extent. During the five-year period ending in 1964, the average valuation per farm was up from \$57,441 to \$85,976. Average value per acre increased from \$48.08 to \$62.16. During this period the number of farms in every size category below 2,000 acres showed a decrease. In some size categories the decrease was as much as 25 percent. However, the number of farms with 2,000 or more acres increased by almost 15 percent.

Approximately 40,000 acres of Wallowa County farm lands are under gravity irrigation, with some additional land being under pump. Almost all of the irrigated land lies along the Wallowa and Lostine Rivers, near the central part of the county.

Generally, there is a fairly good depth of soil over most of the Wallowa Valley, although there is a slight drainage problem in some of the lowlying areas, which is aggravated at times by early season over-irrigation. Commercial fertilization is a practice in connection with only about 31,000 acres of the total farm land, although this practice is increasing. The total value of farm sales appears to fluctuate somewhat from year to year. In 1964 the total value was off more than 15 percent from 1959, but 1966 was again up to the 1959 figure. Current estimates for 1967 are up more than \$1 million from 1966.

Usually, the greater part of income is from livestock and land also shown a consistent upward trend. The income fluctuation comes from the fact that the income has been as high as \$3 million over a period of eight years.

Household Study interviewers were time operators on 424 farms and were another 72 farm owners or either full time employed or for full time work off the farm tired and using farm products for income. The total of 424 farms has been a further drop in the three years since the Agricultural Census. However, the Household Study did not show a drop in the size of farm, hence no additional in that respect.

More than one-half of the land (over 100,000 acres) is in forage crops. The yield has increased from 1.5 to 3.3 tons per acre per season. This yield is exclusive of post-harvest pasturage.

Small grains account for most of the cultivated acreage, with peas, either for drying or for

Livestock and livestock products account for approximately 65 percent of the total value of farm sales in an average year. Beef cattle account for around 75 percent of the total value of farm sales in an average year. Dairying, which has been a part of both agricultural and non-agricultural activities, has dwindled to a point where it accounts for 10 percent of the total agricultural sales.

Several factors militate against the expansion of agriculture. Perhaps the greatest is the lack of available grazing area in good condition on public lands. Unlike other areas, Wallowa County apparently has never been so heavily grazed by deer and elk herds in some areas. The deer and elk, kept from browsing and cropping, kept

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Usually, the greater part of the total agricultural in-  
come is from livestock and livestock products, which has  
also shown a consistent upward trend since 1959. Most of  
the income fluctuation comes in crops. Total crop income  
has been as high as \$3 million and as low as \$1.7 million  
over a period of eight years.

Household Study interviewers located a total of 332 full  
time operators on 424 farms in September 1967. There  
were another 72 farm owners residing on farms who were  
either full time employed off the farm, were available  
for full time work off the farm, or were partially re-  
tired and using farm production to supplement other in-  
come. The total of 424 farms would indicate that there  
has been a further drop in the number of farms in the  
three years since the Agricultural Census of 1964. How-  
ever, the Household Study did not go into such data as  
size of farm, hence no additional information was gained  
in that respect.

More than one-half of the land under cultivation (39,000  
acres) is in forage crops. Hay yields (all types) average  
from 1.5 to 3.3 tons per acre, depending largely on the  
season. This yield is exclusive of forage secured by  
post-harvest pasturage.

Small grains account for most (30,000 acres) of the rest  
of the cultivated acreage, with small lots usually in  
peas, either for drying or processing.

Livestock and livestock products are the source of ap-  
proximately 65 percent of the total agricultural income  
in an average year. Beef cattle, in turn, accounts for  
around 75 percent of the total livestock income, in an  
average year. Dairying, which was once an important part  
of both agricultural and nonagricultural economy, has  
dwindled to a point where it provides only around three  
percent of the total agricultural income.

Several factors militate against agricultural diversifi-  
cation. Perhaps the greatest of these factors is the  
amount of grazing area in good condition which is avail-  
able on public lands. Unlike some areas, the summer range  
apparently has never been seriously overgrazed. The large  
deer and elk herds in some areas have, through continuous  
browsing and cropping, kept deleterious brush on the range  
(Continued next page)



#### AGRICULTURE (Cont.)

to a minimum, with the result that the ranges are generally in good shape. The Chesnimnus ranger district of the U.S. Forest Service has one of the largest grazing districts in the nation in point of grazing permits. The volume of grazing permits for the Bear-Sleds ranger district is not available, but it seems worth noting that only 166,000 of the total 264,000 acres in this district is in commercial forest land. Presumably a portion of the remaining 98,000 acres do carry some grazing permits. In addition, some of the privately owned forest lands offer grazing permits for a small fee.

The second factor which tends to keep the area tied to the livestock industry is the climate or, more specifically, the growing season. Because it is possible, even though not probable, that frost can come at any time during the normal growing season, most of the agricultural operators are reluctant to turn to any type of crop that can be affected by a late spring, early fall or even a midseason frost. Even so, the early history of agriculture in the area does show extensive fruit raising activities, particularly in the area around Joseph and Enterprise. Around the turn of the century, Wallowa County apples were consistent prize winners at state-wide exhibitions. At the time of the latest agricultural census (1964) a total of approximately 8.5 tons of fruit of all kinds were reported harvested, with a total sales value of less than \$1,000.

Finally, there is the fact that most of the full-time agricultural operators have holdings of a size to make cattle raising economically feasible. Where this is feasible, cattle raising is certainly the least bothersome method of wresting a livelihood from the soil. There is not the dependence on outside help, nor is there a hectic harvest season involved.

The position of Agriculture in the county could probably be bettered by some additions to the staff of the Extension Service. The county is the only one in the state which does not have the services of a Home Extension Agent. The net result is a work load division on the two agents who are in service, which they cannot reasonably be expected to handle. Their jobs are made doubly difficult

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ELK HUNTERS SELDOM GO HOME  
COUNTY. PHOTO BY WALTER

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by the apathy of the majority of those they are trying  
to serve, toward concerted action on a county wide basis.  
This tendency toward individualism is one of long stand-  
ing; certainly it antedates the present agents by many  
years. But it is also one that needs to be modified if  
Agriculture is to remain the prime industry of the county.

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ELK HUNTERS SELDOM GO HOME EMPTY HANDED FROM WALLOWA  
COUNTY. PHOTO BY WALTER KLAGES, COURTESY WALLOWA CHIEFTAIN.

TABLE II

## AGRICULTURAL INCOME TRENDS WALLOWA COUNTY 1964-1967

<u>LIVESTOCK &amp; LIVESTOCK PRODUCTS</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>
Cattle and Calves.....	\$2,205,000	\$2,925,000	\$3,588,000	\$3,777,000
Hogs.....	264,000	325,000	306,000	322,000
Sheep and Wool*.....	583,000	531,325	445,000	512,436
Dairy Products.....	204,000	197,000	218,000	188,000
Poultry (Incl. Turkeys).....	14,000	13,000	11,000	11,000
Miscellaneous Animals.....	20,000	15,000	40,000	31,000
<b>Total Livestock.....</b>	<b>\$3,290,000</b>	<b>\$4,006,325</b>	<b>\$4,608,000</b>	<b>\$4,841,436</b>
 <u>CROPS</u>				
All Grains**.....	\$1,310,091	\$1,372,135	\$1,634,204	\$1,816,144
All Hay.....	170,000	228,000	328,009	1,053,000
Grass and Legume Seeds.....	88,000	79,000	42,000	15,000
Forest Products.....	112,000	160,000	100,000	75,000
Miscellaneous Crops.....	6,000	69,000	37,000	10,000
Soil Bank and ACP Payments.....	162,274	107,721	125,921	115,351
<b>Total Crops.....</b>	<b>\$1,848,365</b>	<b>\$2,015,856</b>	<b>\$2,267,134</b>	<b>\$3,084,495</b>
<b>Total Gross Agricultural Income.....</b>	<b>\$5,138,365</b>	<b>\$6,022,181</b>	<b>\$6,875,134</b>	<b>\$7,925,931</b>

\* Includes wool incentive payments.

\*\* Includes diversion and price support payments.

## NONAGRICULTURAL INDUSTRIES

### GENERAL

Although agriculture provides more jobs for Wallowa County workers than any other single industry, the total of all nonagricultural workers, including the self-employed, is approximately four times the number of full time agricultural workers, farm operators included.

Many of the county's workers find employment in both agriculture and nonagricultural industries, and a sizeable percentage of all workers are simultaneously employed in both agriculture and nonagricultural industry. Cases in point are the owners of small producing farms who also hold full time wage and salary jobs in other industries. There are also a few persons who are self-employed in nonagricultural industry, who operate farms in addition.

In order to avoid a duplication of counts, the Mobile Team was forced to establish criteria for categorizing those persons in dual employment. Had this not been done, employment summaries in Table III would have shown more people working than were actually employed in the county. Generally speaking, the decision as to the occupational or industrial group in which an individual worker belonged was made on the basis of which of the dual jobs required the greater portion of the time of the individual worker. At the time of the study (September 10-16, 1967) there were 118 dually employed workers in the county, of whom more than 70 were combining farm operation with non-agricultural wage and salary work.

The Mobile Team encountered one other unusual situation in the county which further clouds the picture of total employment in the county. This is the number of females

who work part time in full time jobs. The cause of this proved inconclusive. Reasons assigned ranged from inability to secure employment on an emergency basis to a reluctance of themselves to work a full time job. This is substantiated somewhat by the number of persons reported part time employment, and also by the fact that many do not have worked more if work had been available. Some employers also frankly stated that they would not split a job between two workers. The agency kept one of the two off the job until the absent worker returned. The underlying reason for this situation may be that the employment picture is confused, in that many persons are working more than there were actual jobs. It is one could be willing to concede that the fact that one week is an accomplished fact.

The extent of the distortion is pointed out by the fact that almost 38 percent of the wage and salary workers in the county are female. This compares with a percentage of around 35 percent, and a statewide percentage of approximately 32 percent. In other areas in Oregon already studied by the Mobile Team, the percentage of females in the wage and salary workers has been in the neighborhood of 25 percent.

### MANUFACTURING

Manufacturing accounts for approximately 15 percent of all the nonagricultural wage and salary workers in Wallowa County. This segment is almost exclusively in wood products processing, with the exception of newspaper and two dairy products processing. The nature of lumber processing, very labor intensive, and these mostly in the clerical and office setting this fact, insofar as future employment is concerned, is the further fact that every three workers in manufacturing are female. Since most of those above the age of 55, this would indicate an early withdrawal from the labor force in this industry. Actually, from an annual confidential householder reports, it appears that the employment pattern formed by owners of small ac-

## CULTURAL INDUSTRIES

provides more jobs for Wallowa County than any other single industry, the total of part-time workers, including the self-employed, is about three times the number of full-time agricultural operators included.

Part-time workers find employment in both agricultural and nonagricultural industries, and a sizeable number of workers are simultaneously employed in both. Cases in which a person works on a small producing farm who also holds a wage and salary job in other industries. Some persons who are self-employed in agriculture, who operate farms in addition to their other work.

In the duplication of counts, the Mobile Team had to establish criteria for categorizing part-time employment. Had this not been done, the figures in Table III would have shown more part-time workers were actually employed in the county. It was the decision as to the occupational category in which an individual worker belongs on the basis of which of the dual jobs reported. The portion of the time of the individual worker was of the study (September 10-16, 1967) who were employed workers in the county, of whom some were combining farm operation with non-farm wage and salary work.

Encountered one other unusual situation which further clouds the picture of total employment in the county. This is the number of females

who work part time in full time jobs. Attempts to resolve the cause of this proved inconclusive. Reasons assigned ranged from inability to secure replacements on an emergency basis to a reluctance of the workers themselves to work a full time job. The latter reason is substantiated somewhat by the number of females who reported part time employment, and also reported they would not have worked more if work had been offered to them. Some employers also frankly stated that they preferred to split a job between two workers because, if an emergency kept one of the two off the job for a few days, they could generally rely on the other one to work full time until the absent worker returned. Whatever the underlying reason for this situation may be, the total employment picture is confused, in that more persons are shown working than there were actual jobs. Unless, of course, one could be willing to concede that the twenty-four hour week is an accomplished fact.

The extent of the distortion is pointed up by the fact that almost 38 percent of the wage and salary workers in the county are female. This compares to a national average of around 35 percent, and a statewide average in Oregon of approximately 32 percent. In most of the rural areas in Oregon already studied by the Mobile Team, the percentage of females in the wage and salary workers has been in the neighborhood of 25 percent.

### MANUFACTURING

Manufacturing accounts for approximately 27 percent of all the nonagricultural wage and salary jobs in Wallowa County. This segment is almost exclusively lumber and wood products processing, with the exceptions being one newspaper and two dairy products processors. Because of the nature of lumber processing, very few women are employed, and these mostly in the clerical occupations. Offsetting this fact, insofar as future replacement need may be concerned, is the further fact that more than one of every three workers in manufacturing is above the age of 45. Since most of those above the age of 45 are also under the age of 55, this would indicate a tendency toward early withdrawal from the labor force of workers in this industry. Actually, from an analysis of the confidential householder reports, it appears that there is a pattern formed by owners of small acreages, of working in

the lumber industry through their middle fifties. Whether they give up their nonagricultural employment at about that time because holding two jobs is too physically demanding, or because their financial needs become less stringent by that time, is a matter for conjecture. At any rate, it does seem worth noting that almost one-fourth of those employed in the lumber industry have at least a partial attachment to the labor force outside that industry.

Most of the raw material processed by the lumber industry in Wallowa County is either pine or fir. There are no plywood, hardboard, or by-products plants in the county. Since most of the processing is primary, the percentage of skilled jobs in the overall total is relatively small. Employer hiring requirements are not stringent, except in the technical and management occupations. Although nearly one-half of the jobs in this industry have been lost from the county in the past ten years, there is no oversupply of experienced labor, unless one includes the approximately 100 residents of the county who are commuting out of the county to jobs in lumber elsewhere. Presumably, most of these workers would prefer to work closer to home, and could so be classed as surplus lumber workers in Wallowa County, even though they are steadily employed. There is an ample supply of raw material in the form of standing timber to keep lumber processing at its present level indefinitely, if the log harvest is used within the county. In fact, the present operations could be expanded, if all of the logs harvested were processed within the county. There is room for even greater expansion, if secondary processing were to be added to the present operations. In addition, some types of secondary processing provide work that would be suitable for women, or at least is being done by women in other pine processing areas.

So far as could be learned by the Mobile Team, there are no present plans for expansion of any sort in the wood products industry of Wallowa County. There will be a sizeable replacement need in the next five years, if operations stay at the present level. It appears likely that most of the replacements will be hired at the entry level, however, with little in the way of training or experience required.

So far as could be ascertained, no other than wood products is present in Wallowa County because of distance from markets, and there is no further expansion of the present industry.

#### GOVERNMENT

Almost one of every three wage and salary workers in Wallowa County work in some capacity in government because of this unusually high percentage of public education was analyzed separately from government employment.

(a) Education - Close to one-third (about 33 percent) of all the wage and salary workers are employed by the educational institutions. Three-fourths of the workers in education are professional or administrative jobs, and one-fourth are in clerical occupations, and the remainder in service and miscellaneous other occupations.

Professional jobs in education all require a baccalaureate degree. According to the latest available report indicating the percentage of those employed in these jobs who have the required minimum of education. In Wallowa County, 100 percent of the teachers lack a degree, the county also has an unusually high percentage of younger teachers--although probably the latter group do have a degree.

No expansion of employment in the government is presently contemplated, although a program would probably be helpful. The Mobile Team in any of the occupations used were not included in the Mobile Team.

(b) Noneducation - More than one-third of the wage and salary workers in the county are employed in various branches of government in fact. Roughly one-half of these workers are employed at the city or county level. The local government facility is the largest employer and employs slightly more than half of the government workers.

their middle fifties. Whether cultural employment at about two jobs is too physically demanding or financial needs become less a matter for conjecture. Although noting that almost one-third of the lumber industry have at to the labor force outside

processed by the lumber industry of pine or fir. There are no products plants in the county. Logging is primary, the percentage of total is relatively small. Requirements are not stringent, except in government occupations. Although jobs in this industry have been declining in the past ten years, there is no shortage of labor, unless one includes the jobs of the county who are commuters in lumber elsewhere. Preference would prefer to work close to home, classed as surplus lumber workers, even though they are steadily increasing the supply of raw material in order to keep lumber processing at a high level, if the log harvest is high. In fact, the present operations of the logs harvested were probably increased. There is room for even greater processing were to be added to the industry. In addition, some types of secondary work that would be suitable for being done by women in other

by the Mobile Team, there are no expansion of any sort in the wood industry in Wallowa County. There will be a shortage in the next five years, if operations are at the present level. It appears likely that more workers will be hired at the entry level in the way of training or

So far as could be ascertained, no new manufacturing other than wood products is presently contemplated. Because of distance from markets, there will probably be no further expansion of the present plants.

#### GOVERNMENT

Almost one of every three wage and salary workers in Wallowa County work in some capacity for Government. Because of this unusually high percentage, employment in public education was analyzed separately from other government employment.

(a) Education - Close to one in every ten (9.6 percent) of all the wage and salary workers in the county are employed by the educational facilities. Approximately three-fourths of the workers in education are employed in professional or administrative jobs, another one-tenth are in clerical occupations, and the remainder are in service and miscellaneous other occupations.

Professional jobs in education all carry the normal requirement of baccalaureate degree as a minimum. However, the latest available report indicates that some 28 percent of those employed in these jobs had less than the required minimum of education. In addition to the high percentage of the teachers lacking a baccalaureate degree, the county also has an unusually high percentage of younger teachers--although practically all of this latter group do have a degree.

No expansion of employment in the educational field is presently contemplated, although an adult education program would probably be helpful. No shortages of workers in any of the occupations used were reported to the Mobile Team.

(b) Noneducation - More than one of every five wage and salary workers in the county are employed by the various branches of government in functions other than education. Roughly one-half of these are in local government, at the city or county level. The largest single local government facility is the county hospital, which employs slightly more than half of all the local government workers.

(Continued next page)

#### GOVERNMENT (Cont.)

A wide variety of skills are involved in local government employment. However, aside from the professional and technical occupations used in the hospital, hiring requirements are rather sketchy. No expansion in local government is presently planned but, because of the high percentage of females and the numbers of present workers in the upper age brackets, a sizeable replacement need in the next five years is indicated.

Employment with state agencies is minimal. Most of the state services are offered on a casual or itinerant basis from La Grande, Baker or Pendleton. There is no present prospect of additional state employees being outstationed. The Oregon State Game Commission and the State Highway Commission, with a total of approximately 20 permanent employees are the only sizeable state agencies in the county. Normally, all jobs with any of the state agencies are filled from Civil Service lists.

Federal employment in the county lies mainly with two agencies: the U.S. Forest Service and the U.S. Postal Department. The Postal service uses a total of 24 workers, with no expansion being presently in prospect, and very little replacement need indicated. The Forest Service has a total of 70 employees, not including those on contract work. Except for a very few entry laborer jobs all occupations used by this agency have strict Civil Service requirements concerning education or experience which cannot be waived. There are a number of seasonal jobs with this agency which carry less stringent requirements, and which vary from year to year.

Except for the professional and a few of the technical occupations, there is an ample supply of workers in the area for the filling of any presently prospective needs.

#### TRADE

Employment-wise, Trade is the third largest segment of industry in Wallcwa County. Wage and salary workers in this industry are predominantly female. A goodly percentage of those employed work on a part-time basis, during at least a part of the year. There is normally a seasonal rise in employment, which occurs during the tourist season.

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Approximately 40 percent Service occupations and to seasonal fluctuation.

Except for skilled mechanical hiring requirements in the Generally speaking, for the completion of high school waived occasionally. Employment training their own employees educational requirements are

Both the preponderance of of those now employed who point to sizeable replacement. In addition, if the recreation anything like its potential considerable expansion in seasonally. New hires will An oversupply of potential able.

#### SERVICE AND MISCELLANEOUS

This industry division, 11 percent of the total jobs in the county, offer variety of any of the major percent of the division are employed in the personal keeping occupations. About workers in this division few are past the age of

The Service industry offer opportunity for expansion of the county. Since most of the connection with recreation, the employment increase However, because of the source, it also appears longer than in those areas cationers.

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work on a part-time basis, during  
year. There is normally a seasonal  
ich occurs during the tourist season.

Approximately 40 percent of the jobs in Trade are in the  
Service occupations and these are the ones most subject  
to seasonal fluctuation.

Except for skilled mechanics for dealerships, employer  
hiring requirements in this industry division are minimal.  
Generally speaking, for the sales and clerical positions,  
completion of high school is required, although this is  
waived occasionally. Employers express a preference for  
training their own employees, hence experience and edu-  
cational requirements are seldom important.

Both the preponderance of female workers and the number  
of those now employed who are in the upper age brackets  
point to sizeable replacement need in the next few years.  
In addition, if the recreation industry is expanded to  
anything like its potential, there will probably be a  
considerable expansion in Trade employment, at least sea-  
sonally. New hires will probably be at the entry level.  
An oversupply of potential workers appears to be avail-  
able.

#### SERVICE AND MISCELLANEOUS

This industry division, which accounts for approximately  
11 percent of the total nonagricultural wage and salary  
jobs in the county, offers the widest occupational vari-  
ety of any of the major industries. Approximately 57  
percent of the division workers are female, most of whom  
are employed in the personal service or public house-  
keeping occupations. About three of every ten of the  
workers in this division are above the age of 45, and a  
few are past the age of 65.

The Service industry offers what is probably the best op-  
portunity for expansion of any of the industry groups in  
the county. Since most of the expansion would be in con-  
nection with recreation, it follows that a large part of  
the employment increase would be of a seasonal nature.  
However, because of the type of natural recreational re-  
source, it also appears that the season could be much  
longer than in those areas which cater only to summer va-  
cationers.

Most of the jobs which could be created by expansion  
would require a minimum of training or experience, and

could be readily filled by local availables. A few of the jobs would probably entail outside the area recruiting, but none should be difficult to fill. In addition to the number of jobs which might be created by potential expansion, there will be a sizeable replacement need in the next five years. Some of these, such as those in the repair trades, may not be easy to fill, due to lack of any local training programs.

#### TRANSPORTATION, COMMUNICATIONS AND UTILITIES

Although providing very little in the way of wage and salary employment, this division does offer considerably more in the way of public service than is usual for a small, remote area. As is usual in less populated areas, some of the Utilities are lodged in Government. On the other hand, there are a few jobs in Transportation which would ordinarily belong to Government in most areas.

Most of the major occupational groupings are represented in division employment, but less than ten percent of the jobs are held by females. Nearly one-half of those employed are past the age of 45, which would indicate a modest replacement need. Offsetting this, there is no presently planned employment expansion; hence, the future need for workers will probably be minimal. The railroad into the area is being rebuilt with heavier steel which will make for greater capacity but will probably not mean additional workers.

#### CONTRACT CONSTRUCTION

Less than three percent of the nonagricultural wage and salary workers of Wallowa County are employed in this division. Employment is highly seasonal and the division offers almost no wage and salary work during the winter season. There is a very high ratio of self-employed contractors to wage and salary workers.

No construction projects of any size are presently contemplated in the county; hence, employment will probably continue minimal for the immediately foreseeable future, with no anticipated demand for additional workers.

#### FINANCE, INSURANCE AND REAL ESTATE

Wage and salary workers in this division are outnumbered by those who are self-employed. Total employment is near minimum and there is little chance for expansion in the near future, except in the Service industries. Most of the division job holders are females and the age is surprisingly young for this division. Presently, most of the hires are in the lower classifications, with complete replacement about the only hiring requirement. The bulk of expansion would probably be in hires in the sales or management divisions and in promotional material.

The financial segment of this division is one locally owned independent business, one wide chain and one extension. The lending capacities of the two are sufficient to cope with any reasonable demand.



TIMBER PRODUCTS ADD TO THE

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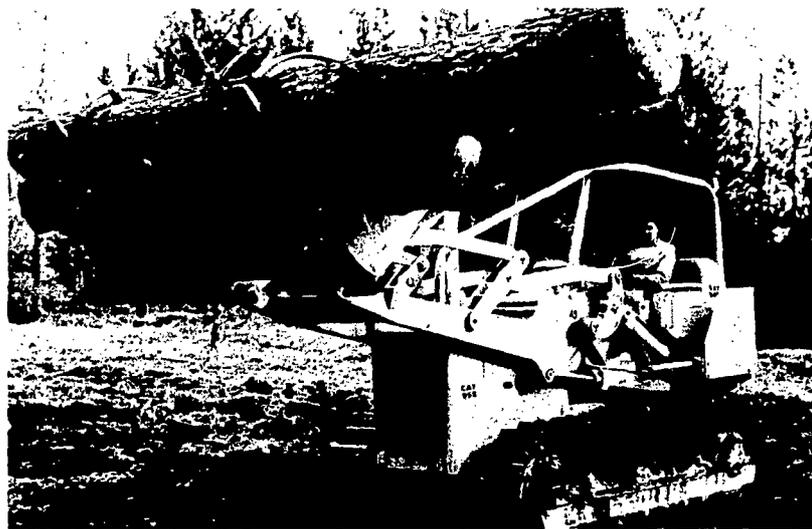
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#### FINANCE, INSURANCE AND REAL ESTATE

Wage and salary workers in this division are considerably outnumbered by those who are self-employed. Presently, total employment is near minimal, but there is a good chance for expansion in the wake of probable expansion in the Service industries. More than one-half of the division job holders are female, but the entire group is surprisingly young for this particular industry. Presently, most of the hires are effected in the entry classifications, with completion of high school being about the only hiring requirement. Any serious amount of expansion would probably involve at least a few new hires in the sales or management levels because of a lack of promotional material.

The financial segment of this division is represented by one locally owned independent bank, one unit of a state-wide chain and one extension of a Union County bank. Lending capacities of the two institutions are probably sufficient to cope with any reasonably foreseeable demand.



TIMBER PRODUCTS ADD TO THE WEALTH OF WALLOWA COUNTY.

## DISTRIBUTION OF EMPLOYMENT BY OCCUPATIONAL GROUP WALLOWA COUNTY

TABLE III

(Week Ending September 16, 1967)

MAJOR OCCUPATIONAL GROUP	Total Employment In Group	% of Total Empl.	Females in Group	Females % of Group	Under 22	22 to 34
NONFARM SELF-EMPLOYED	292	13.7	53	18.1	0	28
FARM OPERATORS	332	15.6	49	14.7	0	27
UNPAID FAMILY WORK <sup>1/</sup>	106	5.0	48	45.3	36	8
FARM WAGE WORKERS, YEAR AROUND	70	3.3	0	--	1	4
FARM WORKERS, SEASONAL <sup>2/</sup>	No seasonal workers reported in survey week.					
NONAGRICULTURAL WAGE AND SALARY <sup>3/</sup>						
PROFESSIONAL, TECH. & MANAGERIAL	139	6.5	54	38.8	2	32
CLERICAL	165	7.7	142	86.0	21	41
SALES	131	6.6	86	61.0	13	43
SERVICE	248	11.7	188	75.8	38	81
FARM, FISHING & FORESTRY	64	3.0	0	--	6	8
PROCESS WORKERS	20	1.0	0	--	2	5
MACHINE TRADES	137	6.3	0	--	4	56
BENCH WORK	19	.9	4	23.2	2	5
STRUCTURAL OCCUPATIONS	105	4.8	0	--	8	15
MISCELLANEOUS OCCUPATIONS	300	14.1	26	8.2	37	91
TOTAL	2,128	100.0	650	30.7	170	444

<sup>1/</sup> Includes agricultural.

<sup>2/</sup> Less than 26 weeks.

<sup>3/</sup>

## DISTRIBUTION OF EMPLOYMENT BY OCCUPATIONAL GROUPS, SEX AND AGE WALLOWA COUNTY

(Week Ending September 16, 1967)

Total Employment In Group	% of Total Empl.	Females in Group	Females % of Group	Under 22	22 to 34	35 to 44	45 to 54	55 to 64	65 & Over
292	13.7	53	18.1	0	28	89	101	38	36
332	15.6	49	14.7	0	27	98	71	72	64
106	5.0	48	45.3	36	8	10	9	27	16
70	3.3	0	--	1	4	23	23	18	1

No seasonal workers reported in survey week.

### NONAGRICULTURAL WAGE AND SALARY <sup>3/</sup>

139	6.5	54	38.8	2	32	49	41	11	4
165	7.7	142	86.0	21	41	62	39	2	0
131	6.6	86	61.0	13	43	29	26	19	1
248	11.7	188	75.8	38	81	54	50	21	4
64	3.0	0	--	6	8	27	16	7	0
20	1.0	0	--	2	5	3	4	5	1
137	6.3	0	--	4	56	29	38	9	1
19	.9	4	23.2	2	5	5	3	3	1
105	4.8	0	--	8	15	36	33	12	1
300	14.1	26	8.2	37	91	85	57	30	0
2,128	100.0	650	30.7	170	444	599	511	274	130

agricultural.

<sup>2/</sup> Less than 26 weeks.

<sup>3/</sup> Does not include commuters-out.

## DISTRIBUTION OF EMPLOYMENT BY INDUSTRY, SEX AND AG

INDUSTRY GROUP	Total Wage And Salary Employment	Females in Group	Under 22	22 to 34	35 to 44
CONTRACT CONSTRUCTION	35	1	6	6	11
MANUFACTURING	357	16	38	88	98
TRANS., COMM., & UTILITIES	69	6	2	19	21
TRADE	256	194	47	69	61
FINANCE, INSURANCE & REAL ESTATE	37	20	3	11	18
SERVICE & MISC.	144	86	18	41	29
GOVERNMENT (Noneducation)	303	112	15	92	87
GOVERNMENT (Education)	127	69	4	51	54
<b>TOTAL</b>	<b>1,328</b>	<b>504</b>	<b>133</b>	<b>377</b>	<b>379</b>

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY, SEX AND AGE GROUPS

TABLE IV

Total Wage And Salary Employment	Females in Group	Under 22	22 to 34	35 to 44	45 to 54	55 to 64	65 & Over
35	1	6	6	11	7	5	0
357	16	38	88	98	110	23	0
69	6	2	19	21	16	11	0
256	194	47	69	61	43	32	4
37	20	3	11	18	2	3	0
144	86	18	41	29	39	14	3
303	112	15	92	87	79	24	6
127	69	4	51	54	11	7	0
1,328	504	133	377	379	307	119	13

TABLE V

## DISTRIBUTION OF EMP

INDUSTRY GROUP	Total Wage And Salary Employment	Females in Group	Professional Technical Managerial	Clo
CONTRACT CONSTRUCTION	35	1	1	
MANUFACTURING	357	16	4	16
TRANS., COMM., & UTILITIES	69	6	4	
TRADE	256	194	3	18
FINANCE, INSURANCE & REAL ESTATE	37	20	6	21
SERVICE & MISC.	144	86	2	12
GOVERNMENT (Noneeducation)	303	112	24	83
GOVERNMENT (Education)	127	69	95	12
TOTAL	1,328	504	139	165

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## DISTRIBUTION OF EMPLOYMENT BY OCCUPATIONAL

Total Wage And Salary Employment	Females in Group	Professional Technical Managerial	Clerical	Sales	Service
35	1	1	1	0	0
357	16	4	16	7	3
69	6	4	4	1	0
256	194	3	18	88	102
37	20	6	21	10	0
144	86	2	12	25	40
303	112	24	81	0	87
127	69	95	12	0	16
1,328	504	139	165	131	248

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## GROUPS WITHIN INDUSTRY DIVISIONS

Farm, Fishing, Forestry	Processing	Machine Trades	Bench Work	Structural
0	0	0	0	33
0	20	90	0	9
0	0	0	1	8
0	0	16	3	18
0	0	0	0	0
13	0	25	15	5
51	0	6	0	32
0	0	0	0	0
64	20	137	19	105

---

## Y DIVISIONS

ing	Machine Trades	Bench Work	Structural	Misc.	Self-Employed
	0	0	33	0	22
	90	0	9	208	4
	0	1	8	51	14
	16	3	18	8	159
	0	0	0	0	39
	25	15	5	7	54
	6	0	32	22	0
	0	0	0	4	0
	137	19	105	300	292

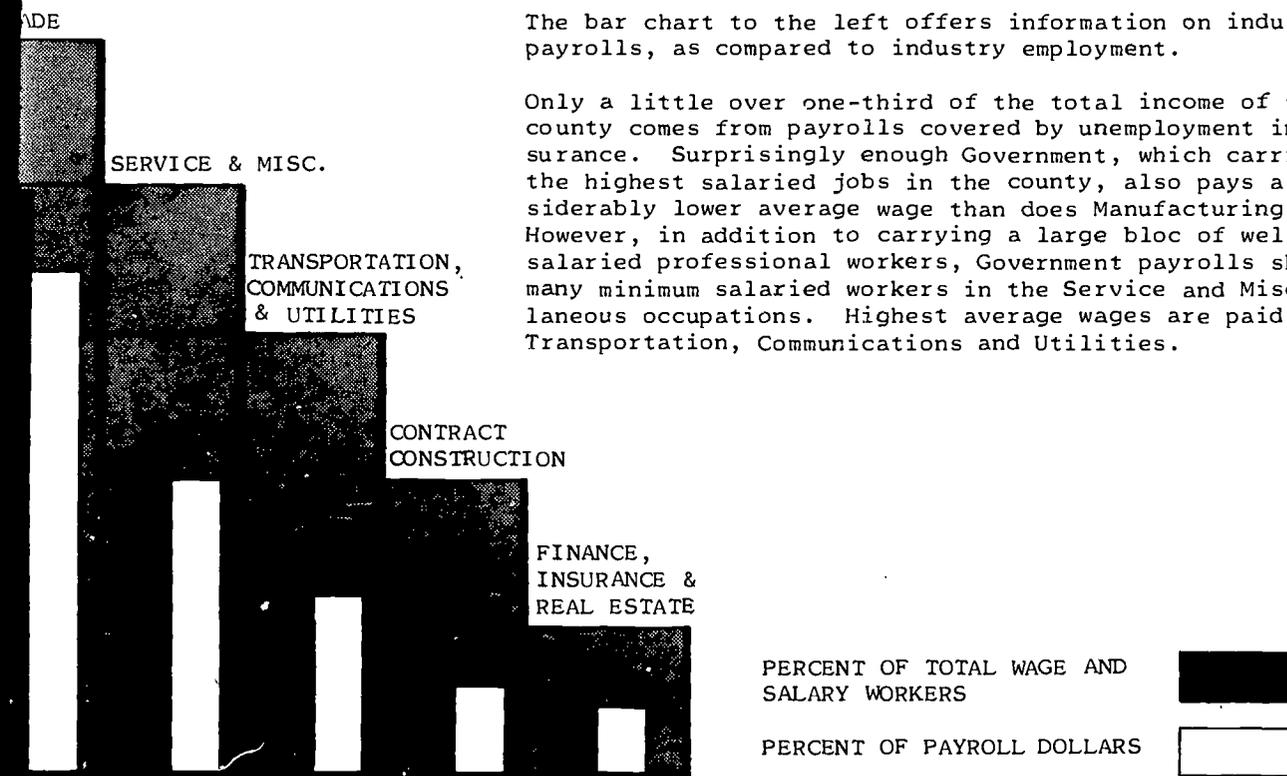


## PAYROLLS AND SPENDABLE INCOME

Total reported net income for tax purposes from all sources in Wallowa County in 1965 (the latest year for which complete data are available) was approximately \$9.7 million. On the basis of total population as found by the Mobile Team, this would indicate an approximate net income of \$5,094 per household or \$1,588 per capita. After an allowance of 25 percent of the net income for taxes of all kinds the net spendable income would be approximately \$7.3 million, or enough to support a sizeable marketing program.

The bar chart to the left offers information on industry payrolls, as compared to industry employment.

Only a little over one-third of the total income of the county comes from payrolls covered by unemployment insurance. Surprisingly enough Government, which carries the highest salaried jobs in the county, also pays a considerably lower average wage than does Manufacturing. However, in addition to carrying a large bloc of well-salaried professional workers, Government payrolls show many minimum salaried workers in the Service and Miscellaneous occupations. Highest average wages are paid in Transportation, Communications and Utilities.



## NATURAL RESOURCES

### WATER

Over a period of many years, the water resource of Wallowa County has been given the attention of many professional engineering firms and governmental agencies. Among the agencies who have studied this resource more than once, and for more reasons than one, are the U.S. Geological Survey, Bureau of Reclamation, U.S. Corps of Engineers, the Oregon Department of Geology and Mineral Industries, the Soil Conservation Service, and the Oregon State Water Resources Board. Data developed by these agencies and by private engineering firms have all been incorporated in a rather comprehensive report entitled "The Grande Ronde River Basin" (Oregon State Water Resources Board, Sept. 1960) under the subheadings "Wallowa Basin" and "Imnaha Basin."

In general, the herein report adopts the findings of the above mentioned report, in toto. There is one exception: in their report, the State Water Resources Board takes the position that there is no potential for industrial expansion in Wallowa County which might cause an increased need for water. While this position is probably correct insofar as immediate probabilities are concerned, the area does have some potentials which might alter the situation in the future. Factually, any industrial expansion, of whatever nature, will cause an increased need for water, if for no other purpose than domestic or municipal use. The findings of the Mobile Team pretty conclusively establish that no available labor pool exists in Wallowa County. Hence, any degree of industrial expansion would necessarily mean added inhabitants.

In any case, the well-supported  
Water Resources Board are, in ve

1. The surface water supply  
present or foreseeable future nee  
and Imnaha River sub-basins, who  
cipal, or irrigation use. Possi  
late season irrigation needs in

2. Apparently, no studies hav  
ground water supply, probably be  
foreseeable need. However, it d  
in quantity does exist. There a  
in the Wallowa sub-basin, with a  
mately 150 square miles, all with  
a ground water source. This prof  
true for the Imnaha sub-basin.  
through a fold too narrow to all  
luvial material. In addition, th  
Imnaha and its tributaries is mo  
for alluvial material being depo

3. There is little or no nee  
ures in either basin.

4. There is little or no pot  
power development in either basin  
the terrain will not allow for co  
of any size.

## RESOURCES

...s, the water resource of Wallowa  
...attention of many professional  
...ernmental agencies. Among the  
...this resource more than once,  
...one, are the U.S. Geological  
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...Geology and Mineral Industries,  
...vice, and the Oregon State Water  
...veloped by these agencies and by  
...have all been incorporated in a  
...rt entitled "The Grande Ronde  
...e Water Resources Board, Sept.  
...s "Wallowa Basin" and "Imnaha

...port adopts the findings of the  
...n toto. There is one exception:  
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...ty which might cause an increas-  
...this position is probably cor-  
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...Factually, any industrial ex-  
...ce, will cause an increased need  
...t purpose than domestic or muni-  
...of the Mobile Team pretty conclu-  
...available labor pool exists in  
...ny degree of industrial expansion  
...ded inhabitants.

In any case, the well-supported findings of the State Water Resources Board are, in very brief:

1. The surface water supply is sufficient for any present or foreseeable future needs in both the Wallowa and Imnaha River sub-basins, whether for domestic, municipal, or irrigation use. Possible exceptions would be late season irrigation needs in the Wallowa Basin.

2. Apparently, no studies have been made of the ground water supply, probably because the lack of any foreseeable need. However, it does seem likely a supply in quantity does exist. There are three alluvial areas in the Wallowa sub-basin, with a total area of approximately 150 square miles, all with excellent potential as a ground water source. This probability does not hold true for the Imnaha sub-basin. The Imnaha flows generally through a fold too narrow to allow for deposition of alluvial material. In addition, the gradient of both the Imnaha and its tributaries is mostly too steep to allow for alluvial material being deposited.

3. There is little or no need for flood control measures in either basin.

4. There is little or no potential for hydro-electric power development in either basin. Generally speaking, the terrain will not allow for construction of reservoirs of any size.

(Continued next page)

#### NATURAL RESOURCES (Cont.)

5. Full development of a water based recreational industry is more or less hampered by the same factors affecting power: any reservoirs created would necessarily be too small to allow for a combination of boating, water-skiing, fishing, etc. Presently a recreational asset to the area are more than 50 small lakes around the headwaters of the Wallowa and Imnaha Basins. Not mentioned in any of the data made available to the Mobile Team, is the fact that some of these lakes are gradually being filled by eroding detritus from the surrounding steep terrain. Since these small lakes are important not only to recreation but to wild life, it appears some steps should be taken looking to their replacement, even though the replacements will of necessity also be rather small.

In general, all of the data made available to the Mobile Team (including the cited report of the Water Resources Board) agree that impoundment of the late spring and early summer surface water run-off for use in regulating stream flows through later release would be highly desirable. There is likewise a general agreement that any one impoundment constructed would necessarily be so small as to have little practical value for this purpose. In short, more than one impoundment would probably be necessary, which causes some doubt as to the economic feasibility.

#### TIMBER

The latest available timber inventory for Wallowa County is contained in Forest Survey Report #134, published in April of 1960, by the Pacific Northwest Forest and Range Experiment Station of the U.S. Department of Agriculture. Any data with regard to the timber resource of the county subsequent to that date are piecemeal, and apt to be confusing. As a matter of fact, even Report #134, which is very complete and detailed, is in some respects confusing to the lay reader.

As an instance: The Oregon Blue Book, which is an official publication of the State of Oregon, gives the total land surface of Wallowa County as being 2,035,840 acres. The U.S. Department of Commerce, in their evaluation of the same area found 2,033,920 acres. However, the Forest

Service, in their report notes a total of 2,035,840 acres. The difference is 1,920 acres and therefore relatively unimportant. It is noted that the missing 20,000 acres of timber is approximately 1 million board feet of timber.

Report #134 notes a total land area of 878,110 acres, of which approximately 34 percent, or 298,677 acres, is in live sawtimber. The volume of 7,289,000,000 board feet were reported to be present. More than one percent of the total volume of the softwoods, approximately 100 million board feet, is Douglas pine, and approximately 100 million board feet of the remainder of the softwoods are made up of a half dozen species, with Douglas pine predominating.

The average annual cut from the timber resource was noted as being slightly over 100 million board feet, during a five-year period. At the time of the report, approximately 35 percent of the total timber harvest was from federal lands, or approximately 35 million board feet, came from federal ownership.

Presently the timber harvest from federal lands is approximately 100 million board feet annually. The timber harvested by the Oregon State Department of Forestry are only 239,000 acres of land, with a total volume of 585 million board feet of available timber, which is being harvested at approximately 100 million board feet annually. The privately owned timber is approximately 100 million board feet annually, to which there are approximately 100 million board feet which presently averages approximately 100 million board feet. There are some indications that federal lands could be slightly more productive, if done or not, it appears that the timber resource is approximately 100 million board feet in a foreseeable future.

In connection with the data available, it should be noted that the figure of

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t, gives the total land  
2,035,840 acres. The  
their evaluation of the  
However, the Forest

Service, in their report note a total of only 2,011,830 acres. The difference is only an approximate one percent and therefore relatively unimportant except for the fact that the missing 20,000 acres could possibly carry several million board feet of timber.

Report #134 notes a total acreage in commercial forest land of some 878,110 acres, of which 296,200 acres, or approximately 34 percent, were privately owned. A total volume of 7,289,000,000 board feet (Scribner Scale) of live sawtimber was also shown, of which 1,488,000,000 board feet were reported to be in private ownership. Less than one percent of the total volume was in hardwoods and, of the softwoods, approximately 34 percent was in Ponderosa pine, and approximately 28 percent was in Douglas fir. The remainder of the softwoods were shown scattered among a half dozen species, with white fir and western larch predominating.

The average annual cut from all commercial forest land was noted as being slightly in excess of 90,000,000 board feet, during a five-year period preceding the report. At the time of the report, approximately 65 percent of the total timber harvest was from privately owned lands. The remaining 35 percent, or approximately 31.5 million board feet, came from federal owned lands.

Presently the timber harvest is estimated at nearly 100 million board feet annually, and is about evenly divided between federal and privately owned timber. Data furnished by the Oregon State Tax Commission indicate there are only 239,000 acres of privately owned forest land, with a total volume of 585 million board feet of merchantable timber, which is being harvested at a rate of 50 million board feet annually. The allowable cut from federal owned timber is approximately 46.6 million board feet annually, to which there must be added a nonregulated cut which presently averages around five million board feet. There are some indications that the present cut from federal lands could be slightly increased. Whether this is done or not, it appears there is a fairly firm supply of approximately 100 million board feet of logs for the foreseeable future.

In connection with the data on timber resource, it should be noted that the figure of 239,000 acres and 585 million

board feet of sawtimber furnished by the Oregon State Tax Commission for 1967 does not necessarily represent a decline from the figure of 296,000 acres and approximately 1.5 billion board feet furnished in Report #134 by the Department of Agriculture. The two agencies have different methods of estimating and, by Tax Commission methods, both the acreage and the sawtimber volume in 1958 was considerably less than the figure cited in Report #134.

#### MINERALS

Much of Wallowa County is in rugged and partially inaccessible terrain. In addition, the winter climate is particularly rigorous and the combination makes prospecting for, or development of, mineral deposits more than a little difficult. The majority of the known commercial mineral deposits are located in the Wallowa mountains, in the southern half of the county. The Wallowas are made up of a fault block about 50 miles long, averaging about one-third as much in width, and having a northwest trend. The northeast scarp is generally abrupt, rising from 4,000 to 6,000 feet above the floor of the Wallowa River valley. The southwest side of the range benches off, and drops more gradually into the Powder River Basin.

Principal rock types are greenstones of Permian and Triassic age overlain with marine sandstones and shales of Mesozoic age, interbedded with crystalline limestone or marble and intruded during the Cretaceous age by granitoid rocks of the Wallowa batholith, particularly in the central portions of the ranges. Subsequent to the granitic intrusions and during Tertiary time massive lava flows covered most of the area, un-eroded patches of which obscure large areas of the older rocks insofar as prospecting may be concerned.

Generally, both the granitoid batholith and the layered formations are cut by dikes. These are mostly basaltic and noncommercial in character but some dikes relating to the granitoid intrusions occasionally carry some mineralization of economic potential. However, most of the known metallic mineral occurrences are located along, or near, limestone-granodiorite contacts in a tactite zone and frequently contain copper, scheelite, gold, silver and molybdenite.

Limestone, suitable for industrial and architectural purposes, is probably the only all mineral deposits in the area. The quantity of this resource is currently hampered by mass markets, and consequent transportation costs. However, this limitation must be recognized and almost certainly will, eventually, be overcome as demands in the northwest increase and the supply become depleted.

The older formations in the Snake River Basin have precious metal and copper prospecting potential, but due to the inaccessibility of these areas have never been more than superficially investigated.

There are some known gold placer deposits of value on the Imnaha River. Because of the narrow fold through which the river flows, deposits have never been prospected.

Withdrawal of the Eagle Cap Wilderness from consideration certain lands which offer the greatest potential for scheelite and/or silver because of the lack of any considerable mineral work having been done even in the past. In view of the deposition of metallic and/or non-metallic minerals it appears that much of the terrain in the older formations (pre-Tertiary) is worthy of further investigation. However, this is recommended as an outright recommendation.

#### RECREATIONAL

Wallowa County has what is undoubtedly the greatest potential for recreation based industries in the Counties. Unlike many other areas, the mountains offer a basis for almost year around recreation, boating, swimming and camping during the summer. Large herds of elk and deer for the winter months and snows and relatively bare slopes for skiing.

Considering all of the natural advantages, the roads and facilities for air travel, and the fact that more has not been done to exploit the

by the Oregon State Tax Commission necessarily represent a decrease in acres and approximately 10% in Report #134 by the two agencies have different Tax Commission methods, per volume in 1958 was conducted in Report #134.

ed and partially inaccessible due to the winter climate is a combination makes prospecting for mineral deposits more than a hundred times of the known commercial deposits in the Wallowa mountains, in the Wallowas are made of layers long, averaging about 100 feet, having a northwest trend. The strata are abrupt, rising from 4,000 feet in the Wallowa River valley. The strata benches off, and drops into the Wallowa River Basin.

ones of Permian and Triassic sandstones and shales and crystalline limestone of the Cretaceous age by granitic rocks, particularly in the north. Subsequent to the granitic time massive lava flows covered patches of which obstructs insofar as prospecting

tholith and the layered rocks are mostly basaltic but some dikes relating occasionally carry some minerals. However, most of the minerals are located along, or in contact with a contact zone of scheelite, gold, silver

Limestone, suitable for industrial, agricultural and architectural purposes, is probably the most valuable of all mineral deposits in the area. Commercial development of this resource is currently hampered by distance from mass markets, and consequent transportation costs; however, this limitation must be recognized as one that can, and almost certainly will, eventually change as industrial demands in the northwest increase and present sources of supply become depleted.

The older formations in the Snake River Canyon may contain precious metal and copper prospects having commercial potential, but due to the inaccessibility of the area, these have never been more than superficially prospected.

There are some known gold placer deposits of undetermined value on the Imnaha River. Because of the steep gradient and the narrow fold through which the river flows, these deposits have never been prospected to bedrock.

Withdrawal of the Eagle Cap Wilderness Area removes from consideration certain lands which offered probably the greatest potential for scheelite and limestone, hence because of the lack of any considerable amount of development work having been done even in those places favorable to the deposition of metallic and/or industrial minerals, it appears that much of the terrain occupied by the older formations (pre-Tertiary) is worthy of at least some further investigation. However, this is not to be considered as an outright recommendation.

#### RECREATIONAL

Wallowa County has what is undoubtedly the greatest potential for recreation based industry of all of Oregon's Counties. Unlike many other areas, the natural resources offer a basis for almost year around activity: fishing; boating, swimming and camping during the summer months; large herds of elk and deer for the hunting season; deep snows and relatively bare slopes for skiing.

Considering all of the natural advantages, including good roads and facilities for air travel, it seems strange that more has not been done to exploit this resource.

TABLE VI

LABOR FORCE SUMMARY

THE LABOR FORCE OF WALLOWA COUNTY (Week ending September 16, 1967)		LABOR FORCE (52 weeks ending)
1. TOTAL, 16 and over.....	4,072	TOTAL having done <u>some</u>
2. Retired.....	423	Employed full time all
3. Unable to work <u>1/</u> .....	91	Employed 40 to 51 weeks
4. Able, but not available.....	1,012	Employed 30 to 39 weeks
5. Available, but not seeking work.....	223	Employed 25 to 29 weeks
6. TOTAL, not in active labor force.....	1,749	Employed less than 25 weeks
7. Unemployed & actively seeking work.....	51	Seeking work 20 weeks or more
8. Self-employed, nonagricultural industry.....	292	(a) 20 to 25 weeks
9. Farm operators <u>2/</u> .....	332	(b) 26 weeks or more
10. Unpaid family workers <u>3/</u> .....	106	Worked part-time all 52 weeks
11. Farm wage workers (year around).....	70	
12. Nonag. wage and salary workers.....	1,472	
13. TOTAL, active labor force.....	2,323	
14. Commuting to work outside county.....	144	
15. Empl. nonag. wage & salary, in county.....	1,328	
16. Percent of #15, working 30 or more hours.....	78%	

1/ Under age 65.  
2/ Does not include farm operators working majority of time  
3/ Includes both agricultural & nonagricultural family enter  
4/ Includes self-employed, both farm & nonfarm, and farm wag

## LABOR FORCE SUMMARY

WALLOWA COUNTY  
September 16, 1967)

LABOR FORCE STATUS  
(52 weeks ending September 16, 1967)

<p>..... 4,072</p> <p>..... 423</p> <p>..... 91</p> <p>..... 1,012</p> <p>g work..... 223</p> <p>r force..... 1,749</p> <p>king work..... 51</p> <p>tural industry..... 292</p> <p>..... 332</p> <p>..... 106</p> <p>around)..... 70</p> <p>orkers..... 1,472</p> <p>e..... 2,323</p> <p>e county..... 144</p> <p>ry, in county..... 1,328</p> <p>00 or more hours..... 78%</p>		<p>TOTAL having done <u>some</u> work 4/..... 2,581</p> <p>Employed full time all 52 weeks..... 1,128</p> <p>Employed 40 to 51 weeks..... 397</p> <p>Employed 30 to 39 weeks..... 256</p> <p>Employed 25 to 29 weeks..... 169</p> <p>Employed less than 25 weeks..... 584</p> <p>Seeking work 20 weeks or more of last 52..... 43</p> <p style="padding-left: 20px;">(a) 20 to 25 weeks..... 11</p> <p style="padding-left: 20px;">(b) 26 weeks or more..... 32</p> <p>Worked part-time all 52 weeks..... 47</p>	
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Under age 65.  
Does not include farm operators working majority of time off the farm.  
Includes both agricultural & nonagricultural family enterprises.  
Includes self-employed, both farm & nonfarm, and farm wage work.

## LABOR FORCE OF WALLOWA COUNTY

Of the 6,105 persons in Wallowa County in September of 1967, 4,072 or approximately 67 percent were 16 years of age, or older. Of the 4,072 persons who have passed their 16th birthdays, a total of 2,323, or slightly more than 57 percent, are in the active labor force. The number who are actively in the labor force closely approximates 38 percent of the total population.

In addition to those actively in the labor force, there is a pool of employable availables amounting to slightly more than three percent of the total population. These people stated to the Mobile Team a willingness and ability to accept employment, but were not in active search for work. In the main, this group is composed of females and their passive attitudes toward employment, appears to stem partly from lack of financial motivation, and partly from previous lack of success in finding work. A few do have a good degree of financial motivation, but have not, for domestic reasons, been engaged in gainful employment for many years.

Of the more than 2,300 persons in the active labor force 2,160 were either employed or self-employed in some type of work, either agricultural or nonagricultural during the week ending September 16, 1967. Another 106, or slightly more than four percent, were engaged to varying degrees in unpaid family work, both farm and nonfarm. "Unpaid family work" as that phrase may be used in this report, means any work in connection with a farm or other enterprise operated by the immediate family of the worker, and for which the worker is not paid in cash or in kind. It specifically does not include domestic duties nor does it include farm or household chores performed by a minor for a relative who is responsible for his keep.

Another 51 or slightly more than 1 percent of the labor force were totally unemployed at the time of the study. These were mostly move-ins, and some were recent military service. Only a few were long-term unemployed.

The active labor force of the county is more than two-thirds male: 30 percent of the employed, 80 percent of the unpaid family workers, and 90 percent of those unemployed during the study were females.

Wallowa County has what is probably the highest percentage of females in nonagricultural employment of any county in the State of Oregon. This is misleading, however, because of the large number of part time workers, some of them in full time jobs. If not for these part time workers, the total active labor force might be significantly higher. It would probably remain in the category of those seeking work. Most, it is believed, are a young group who are ready to work, but are not.

As a group, the labor force of Wallowa County is older than average, with a high percentage of those employed, both agricultural and nonagricultural, past the normal retirement age of 65.

Almost ten percent of the nonagricultural workers of the county commute to other areas for employment. Almost without exception, these are in the lumber industry, and most of them are in Union County for their employment. These are weekend commuters--those who work in Union County or Baker, returning home on weekdays.

Table VII on pages 33 through 35 shows the composition of the labor force in terms of education for which they appear qualified.



active labor force, there is included in the tabulation approximately 80 percent of the more than 200 persons who stated they were willing and able to accept employment, but were not actively seeking work. Occupational classifications for this group were assigned on the basis of all information available, including that gained through counseling interviews in many cases.

Also included in the tabulation are all self-employed persons, as well as unpaid family workers. Self-employed farm operators are shown under major group 4, whereas those in nonagricultural self-employment are listed generally in major group 1, either as managers or, as in the case of doctors, lawyers, and other professional persons, in the professional group. Some of the nonprofessional self-employed persons are also shown under a working title other than manager. Thus, many of the self-employed contractors are shown as structural workers, rather than as contractors, because they seldom hire outside help. This was also true of some of the owners of small, family operated establishments in Trade and Services, where the time spent in management was negligible when compared with the time spent in other work in the establishment.

Table VIII-a on page 37 depicts the education and vocational training of all persons above the age of 18 in the county. Table VIII-b on the same page provides the same information for those persons above the age of 18 who were found to be in the labor force. The higher degree of educational attainment by those in the labor force is not unusual, but does perhaps need some comment. Generally, the bulk of those with fewer years of education or vocational training are in the upper age brackets, and are no longer in the labor force. Also, there is a small scattering of females who left school early to be married, and who have never been in the labor force. Perhaps the most noteworthy factor brought to light by these two tables is lack of vocational training among the county's inhabitants. As shown by Table IX, on page 38 this lack of interest in vocational training is still a prominent factor in the Wallowa County labor force.

Certainly worth more than passing attention are the potential labor force entrants of the county. These are the youngsters who could normally be expected to complete high school in the next three years. Of the total 384

enrolled in grades 10 through 12 in the Mobile Team: 64 seniors. All of those registered either with the county or with the school districts had completed high school or some post-secondary education with the completion of the 12th grade. In some doubt about whether or not they had completed schooling. About one-third of those registered with the county had completed vocational training upon completion of high school. One-half were planning to seek employment elsewhere.

Exclusive of those who expect to be in the labor force there should be approximately 11th year dropouts entering the labor force on a time basis, annually. This is a significant number of jobs that is expected to be needed for employment of the county each year. It is estimated that the number of replacement workers who will probably be needed in the next year. Thus, it can be seen that the labor force entrants in Wallowa County to continue to be a significant force entrants.

Of the prospective labor force entrants in the Mobile Team, almost all are expected to be interested toward self-improvement, particularly the younger age groups. Many of the junior high school graduates in the labor force on a part time basis are expected to have excellent job attitudes.

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y be expected to complete  
ars. Of the total 384

enrolled in grades 10 through 12, 193 were registered by  
the Mobile Team: 64 seniors, 61 juniors and 68 sophomores.  
All of those registered either planned to terminate their  
educations with the completion of high school, or were  
in some doubt about whether they would continue their  
schooling. About one-third of them were planning on vo-  
cational training upon completion of high school. Over  
one-half were planning to leave the county to seek em-  
ployment elsewhere.

Exclusive of those who expect to continue their education,  
there should be approximately 60 high school graduates or  
11th year dropouts entering the labor force on a full  
time basis, annually. This is approximately five times  
the number of jobs that is expected to be added to the  
employment of the county each year, and roughly three  
times the number of replacements that will be needed for  
workers who will probably leave the labor force each year.  
Thus, it can be seen that the present prospects are for  
Wallowa County to continue to be an exporter of labor  
force entrants.

Of the prospective labor force entrants counselled by the  
Mobile Team, almost all appeared to be well motivated  
toward self-improvement, perhaps far more so than their  
elders. Many of the juniors and seniors are already in  
the labor force on a part time basis, and were found to  
have excellent job attitudes.

\* \* \* \* \*

## OCCUPATIONAL CLASSIFICATIONS OF THE LABOR FORCE

	-----PRIMARY CLASSIFICATION-----			-----SECONDARY
	Employed*	Unemployed	Available	Employed*
<u>MAJOR OCCUPATIONAL GROUP: 1</u>				
PROFESSIONAL, TECHNICAL & MANAGERIAL				
Sub-Group (00 - 01)				
Architecture & Engineering	4	0	0	0
Life Sciences (04)	18	0	1	0
Medicine & Health (07)	16	0	1	0
Education (09)	95	1	2	0
Archival Sciences (10)	2	0	1	0
Law & Jurisprudence (11)	6	0	0	0
Religion (12)	15	0	0	3
Writing (13)	3	0	1	0
Art (14)	0	1	0	0
Managers & Officials, N.E.C. (18)	221	0	0	33
Miscellaneous in Major Group (19)	<u>4</u>	<u>0</u>	<u>3</u>	<u>0</u>
<b>TOTAL in Major Group</b>	<b>384</b>	<b>2</b>	<b>9</b>	<b>36</b>

\* Includes nonagricultural self-employed.

# OCCUPATIONAL CLASSIFICATIONS OF THE LABOR FORCE

TABLE VII

	-----PRIMARY CLASSIFICATION-----			-----SECONDARY CLASSIFICATION-----		
	Employed*	Unemployed	Available	Employed*	Unemployed	Available
ing	4	0	0	0	0	0
	18	0	1	0	1	0
	16	0	1	0	0	0
	95	1	2	0	1	0
	2	0	1	0	0	0
	6	0	0	0	0	0
	15	0	0	3	0	0
	3	0	1	0	0	0
	0	1	0	0	0	0
.E.C. (18)	221	0	0	33	0	0
Group (19)	<u>4</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>1</u>
	384	2	9	36	2	1

ral self-employed.

(Continued next page)

LABOR FORCE (Cont.)

-----PRIMARY CLASSIFICATION-----  
Employed      Unemployed      Availabl

MAJOR OCCUPATIONAL GROUP: 2

CLERICAL & SALES

Sub-Group (20)

Stenography, Typing, Filing	61	1	11
Computing & Account Recording (21)	55	2	12
Material & Production Recording	32	1	0
Misc. Clerical (23 & 24)	36	3	25
Sales, Services (25)	6	0	0
Sales Tangibles (26 - 29)	<u>130</u>	<u>1</u>	<u>22</u>
TOTAL in Major Group	320	8	70

MAJOR OCCUPATIONAL GROUP: 3

SERVICE

Sub-Group (30 & 35)

Domestic & Misc. Personal Service	65	4	20
Food & Beverage Preparation or Serv.(31)	116	7	19
Barbers, Beauticians & Related (33)	19	0	4
Lodging & Related (32)	12	4	11
Amusement & Recreation (34)	10	1	0
Apparel Service (36)	12	2	10
Protective Service (37)	27	1	1
Building & Related (38)	<u>9</u>	<u>0</u>	<u>4</u>
TOTAL in Major Group	261	19	69

	-----PRIMARY CLASSIFICATION-----			-----SECONDARY CLASSIFICATION-----		
	Employed	Unemployed	Available	Employed	Unemployed	Available
	61	1	11	1	3	7
(21)	55	2	12	5	2	1
ng	32	1	0	1	0	0
	36	3	25	9	4	3
	6	0	0	0	0	0
	<u>130</u>	<u>1</u>	<u>22</u>	<u>11</u>	<u>3</u>	<u>6</u>
	320	8	70	27	12	17

vice	65	4	20	3	5	1
r Serv.(31)	116	7	19	14	9	2
d (33)	19	0	4	0	0	2
	12	4	11	1	1	1
	10	1	0	0	2	0
	12	2	10	1	4	1
	27	1	1	0	0	0
	<u>9</u>	<u>0</u>	<u>4</u>	<u>0</u>	<u>0</u>	<u>1</u>
	261	19	69	19	21	8

	----- PRIMARY CLASSIFICATION-----			-----SEC
	Employed	Unemployed	Available	Employed
<u>MAJOR OCCUPATIONAL GROUP: 4</u>				
<u>FARMING, FISHING &amp; FORESTRY*</u>				
Sub-Group				
Plants (40)	13	1	1	8
Animals (41)	445	2	1	29
Misc. Farm (42)	3	1	1	21
Fishery & Related (43)	8	0	0	0
Forestry (44)	61	2	0	1
Agricultural Service (46)	<u>9</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL in Major Group	539	6	3	59
<hr/>				
<u>MAJOR OCCUPATIONAL GROUP: 5</u>				
<u>PROCESSING</u>				
Sub-Group				
Food & Related (52)	13	5	19	2
Wood & Wood Products (56)	<u>7</u>	<u>0</u>	<u>0</u>	<u>4</u>
TOTAL in Major Group	20	5	19	6
<hr/>				
<u>MAJOR OCCUPATIONAL GROUP: 6</u>				
<u>MACHINE TRADES OCCUPATIONS</u>				
Sub-Group (60 - 61)				
Metal Working or Machining	4	0	0	0
Mechanics & Machinery Repair (62 - 63)	98	0	0	5
Printing Occupations (65)	4	0	0	0
Woodworking (66)	62	1	0	3
Machine Trades, N.E.C. (69)	<u>3</u>	<u>0</u>	<u>0</u>	<u>1</u>
TOTAL in Major Group	167	1	0	9
* Includes Farm Operators.				

----- PRIMARY CLASSIFICATION -----			----- SECONDARY CLASSIFICATION -----		
Employed	Unemployed	Available	Employed	Unemployed	Available

13	1	1	8	1	0
445	2	1	29	5	0
3	1	1	21	2	0
8	0	0	0	0	0
61	2	0	1	3	0
<u>9</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
539	6	3	59	11	0

13	5	19	2	1	6
<u>7</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>0</u>
20	5	19	6	2	6

4	0	0	0	1	0
(62 - 63) 98	0	0	5	2	0
4	0	0	0	0	0
62	1	0	3	2	0
<u>3</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>
167	1	0	9	5	0

(Continued next page)

LABOR FORCE (Cont.)

-----PRIMARY CLASSIFICATION-----  
Employed      Unemployed      Available

-----SECO  
Employed

MAJOR OCCUPATIONAL GROUP: 7

BENCH WORK OCCUPATIONS

Sub-Group (70 - 72)

Repair of Metal Products

3

0

0

0

Rep. of Textile or Leather Prod.(78)

16

0

2

0

TOTAL in Major Group

19

0

2

0

MAJOR OCCUPATIONAL GROUP: 8

STRUCTURAL OCCUPATIONS

Sub-Group (82)

Electrical

15

0

0

0

Excavating, Grading & Related (85)

41

0

0

3

Sub-Group (84,86,89)

All Other Construction

73

3

0

2

TOTAL in Major Group

129

3

0

5

MAJOR OCCUPATIONAL GROUP: 9

MISCELLANEOUS

Sub-Group (90)

Motor Freight

69

3

0

3

Misc. Transportation (91)

36

0

0

0

Material Handling (92).

126

2

2

6

Logging (94)

118

0

0

2

Utilities (95)

42

1

0

0

Other Miscellaneous (93,96,97)

40

0

1

3

TOTAL in Major Group

431

6

3

14

-----PRIMARY CLASSIFICATION-----  
 Employed      Unemployed      Available

-----SECONDARY CLASSIFICATION-----  
 Employed      Unemployed      Available

	3	0	0	0	0	0
d. (78)	<u>16</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>3</u>
	19	0	2	0	1	3

	15	0	0	0	0	0
(85)	41	0	0	3	0	0
	<u>73</u>	<u>3</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>0</u>
	129	3	0	5	1	0

	69	3	0	3	1	0
	36	0	0	0	1	0
	126	2	2	6	3	3
	118	0	0	2	1	0
	42	1	0	0	0	0
	<u>40</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>1</u>	<u>1</u>
	431	6	3	14	7	4

## EDUCATION AND TRAINING OF THE LABOR FORCE WALLOWA COUNTY

(Week Ending September 16, 1967)

EDUCATION AND TRAINING OF PERSONS 18 AND OVER  
(Whether in the labor force or not)

SCHOOL YEARS COMPLETED	MALE	FEMALE	YEARS OF VOCATIONAL TRAINING
0 through 4 years	63	31	One year
5 through 8 years	206	159	Two years
9 through 11 years	413	386	Three years
12 years	929	1,192	Four or more
13 through 15 years	63	71	None
16 years or more	192	153	
<b>TOTAL 18 years of age &amp; over</b>	<b>1,866</b>	<b>1,992</b>	<b>TOTAL</b>

EDUCATION AND TRAINING OF PERSONS IN THE LABOR FORCE  
(18 years old and over)

SCHOOL YEARS COMPLETED	MALE	FEMALE	YEARS OF VOCATIONAL TRAINING
0 through 4 years	22	7	One year
5 through 8 years	133	19	Two years
9 through 11 years	362	31	Three years
12 years	851	553	Four or more
13 through 15 years	42	29	None
16 years or more	127	83	
<b>TOTAL 18 years of age &amp; over in the labor force</b>	<b>1,537</b>	<b>722</b>	<b>TOTAL</b>

## EDUCATION AND TRAINING OF THE LABOR FORCE WALLOWA COUNTY

(Week Ending September 16, 1967)

EDUCATION AND TRAINING OF PERSONS 18 AND OVER  
(Whether in the labor force or not)

TABLE VIII-a

	MALE	FEMALE		MALE	FEMALE
	63	31	YEARS OF VOCATIONAL TRAINING		
	206	159	One year	379	680
	413	386	Two years	136	46
	929	1,192	Three years	3	63
	63	71	Four or more	17	0
	192	153	None	1,331	1,203
over	1,866	1,992	TOTAL	1,866	1,992

EDUCATION AND TRAINING OF PERSONS IN THE LABOR FORCE  
(18 years old and over)

TABLE VIII-b

	MALE	FEMALE		MALE	FEMALE
	22	7	YEARS OF VOCATIONAL TRAINING		
	133	19	One year	249	406
	362	31	Two years	81	34
	851	553	Three years	3	51
	42	29	Four or more	13	0
	127	83	None	1,191	231
over	1,537	722	TOTAL	1,537	722

## EDUCATION AND TRAINING IN THE LABOR FORCE

TABLE IX VOCATIONAL TRAINING INTERESTS  
(Persons 18 years of age and over)  
WALLOWA COUNTY  
September 10 - 16, 1967

	MALE	FEMALE
TOTAL Persons in Age Group	1,866	1,992
TYPE OF VOCATIONAL TRAINING PREFERRED:		
Technical	4	17
Clerical	4	52
Sales	1	17
Service	5	19
Farm, Fishing & Forestry	27	1
Processing	3	9
Machine Trades	21	0
Bench Work	2	19
Structural Occupations	18	0
Miscellaneous Occupations	1	2
Total Interested in Vocational Training	86	136
Interested in Professional Training	9	16
TOTAL Interested in Training	95	152
Not Presently Interested In Training	1,775	1,840
OF THOSE INTERESTED IN VOCATIONAL TRAINING:		
(a) Total now employed	84	13
(b) Willing to leave the area for training	9	5
(c) Willing to leave the area for employment	9	4
(d) Could finance own training:		
1. If available locally	73	128
2. If out of area	0	0
(e) Assistance needed, amount:		
1. Free tuition, only	22	19
2. Tuition, plus subsistence	2	0
3. Tuition, subsistence and allowance	7	5

### EDUCATION OF THOSE AVAILABLE BUT NOT SEEKING WORK

Of the 223 persons in Wallowa County willing to accept employment, but willing work, only 175 registered for work provided the Mobile Team with enough information to provide an occupational classification. (Table X)

Pertinent data with regard to education, training and current attachment to the labor force is contained in Table X, below.

#### SCHOOL YEARS COMPLETED

0 through 4 years.....	
5 through 8 years.....	
9 through 11 years.....	
12 years.....	
13 through 15 years.....	
16 and over.....	

#### YEARS OF VOCATIONAL TRAINING

None.....	
One year.....	
Two years.....	
Three years.....	
Four years.....	

#### TOTAL YEARS WORKED IN PAID EMPLOYMENT

None.....	
Less than one.....	
One to two.....	
Two to three.....	
Three or more.....	

\* \* \* \* \*

## EDUCATION AND TRAINING IN THE LABOR FORCE

TRAINING INTERESTS  
(18 years of age and over)  
WALLOWA COUNTY  
1967

	MALE	FEMALE
Total	1,866	1,992
TRAINING-PREFERRED:		
0 years	4	17
1 year	4	52
2 years	1	17
3 years	5	19
4 years	27	1
5 years	3	9
6 years	21	0
7 years	2	19
8 years	18	0
9 years	1	2
10 years	86	136
11 years		
12 years	9	16
13 years	95	152
14 years		
15 years	1,775	1,840
VOCATIONAL TRAINING:		
Received in the area	84	13
Not received in the area	9	5
Received in training:		
Locally	73	128
Out of area	0	0
Received, amount:		
Only	22	19
Some	2	0
Assistance	7	5

### EDUCATION OF THOSE AVAILABLE FOR, BUT NOT SEEKING WORK

Of the 223 persons in Wallowa County who stated they were willing to accept employment, but were not actively seeking work, only 175 registered for work, or otherwise provided the Mobile Team with enough information to enable an occupational classification. (Table VII, pages 33-37).

Pertinent data with regard to education, vocational training and current attachment to the labor force are contained in Table X, below.

SCHOOL YEARS COMPLETED	TABLE X
0 through 4 years.....	0
5 through 8 years.....	14
9 through 11 years.....	136
12 years.....	67
13 through 15 years.....	2
16 and over.....	4

### YEARS OF VOCATIONAL TRAINING

None.....	121
One year.....	36
Two years.....	44
Three years.....	22
Four years.....	1

### TOTAL YEARS WORKED IN PAST FIVE

None.....	103
Less than one.....	72
One to two.....	26
Two to three.....	17
Three or more.....	5

\* \* \* \* \*

## LABOR FORCE ENTRANTS

OCCUPATIONAL GROUP	-----PRIMARY CLASSIFICATIONS-----			ENTRANTS 6 DIGIT
	QUALIFIED	ENTRY, 6 DIGIT	ENTRY, 5 DIGIT	
Professional, Technical & Managerial (Group I)	0	0	1	1
Clerical & Sales (Group II)	1	2	1	4
Service (Group III)	3	5	2	10
Farming, Fishing and Forestry (Group IV)	15	3	0	18
Processing (Group V)	0	2	1	3
Machine Trades (Group VI)	0	3	3	6
Bench Work (Group VII)	0	1	0	1
Structural (Group VIII)	0	0	3	3
Miscellaneous (Group IX)	9	3	6	18
Total Primary Classifications.....				64
				Total Secondary Classifications.....

From information gained through interviews with high school seniors, it appears there will be in excess of 60 young persons entering the labor force on a full-time basis, annually, in Wallowa County.

Also on the basis of these interviews, it appears that approximately one-half of those going directly from high school to the labor force plan to out-migrate. There are no data with regard to those who plan to continue their education, but it seems safe to assume that a fair

percentage of these also plan to out-migrate. If there are no present plans to out-migrate, the point will be provided for them.

Nevertheless, since these persons are entering the county, and there is no reason to believe they do not prefer to stay in the county, it seems reasonable to assume that their education could be learned of their

## LABOR FORCE ENTRANTS

TABLE XI

	-----PRIMARY CLASSIFICATIONS-----			-----SECONDARY CLASSIFICATIONS-----		
	QUALIFIED	ENTRY, 6 DIGIT	ENTRY, 5 DIGIT	ENTRY, 6 DIGIT	ENTRY, 5 DIGIT	ENTRY, 4 DIGIT
al (I)	0	0	1	0	0	2
up II)	1	2	1	3	4	0
	3	5	2	2	5	1
	15	3	0	11	0	0
	0	2	1	0	1	1
VI)	0	3	3	0	1	2
)	0	1	0	0	2	0
l)	0	0	3	0	0	0
(X)	9	3	6	7	3	2
	Total Primary Classifications..... 64			Total Secondary Classifications..... 47		

ed through interviews with high  
 appears there will be in excess of 60  
 g the labor force on a full-time  
 allowa County.

these interviews, it appears that  
 f of those going directly from high  
 orce plan to out-migrate. There  
 rd to those who plan to continue  
 it seems safe to assume that a fair

percentage of these also plan to leave the county, since  
 there are no present plans for industrial expansion in  
 the county, to the point where gainful employment could  
 be provided for them.

Nevertheless, since these youth will become available in  
 the county, and there is no reason to believe they would  
 not prefer to stay in the county if employment could be  
 provided for them, it seems advisable to categorize what  
 could be learned of their occupational potential.

TABLE XII

## LABOR FORCE STATUS BY AGE GROUPS (PERSONS 16 YEARS OF AGE AND OVER)

### WALLOWA COUNTY

(Week Ending September 16, 1967)

AGE GROUP	TOTAL IN GROUP	EMPLOYED <sup>1/</sup>	UNEMPLOYED AND ACTIVELY SEEKING WORK	AVAILABLE SEEKING
16 through 21 years	459	178	22	13
22 through 34 years	794	484	9	41
35 through 44 years	810	652	7	71
45 through 54 years	681	546	12	53
55 through 64 years	562	282	1	14
65 years and over	766	130	0	31
<b>TOTAL</b>	<b>4,072</b>	<b>2,272</b>	<b>51</b>	<b>223</b>

<sup>1/</sup> Includes commuters-out.

**LABOR FORCE STATUS BY AGE GROUPS  
(PERSONS 16 YEARS OF AGE AND OVER)**

**WALLOWA COUNTY**

(Week Ending September 16, 1967)

GROUP	EMPLOYED <sup>1/</sup>	UNEMPLOYED AND ACTIVELY SEEKING WORK	AVAILABLE, NOT SEEKING	NOT AVAILABLE
	178	22	13	246
	484	9	41	260
	652	7	71	80
	546	12	53	70
	282	1	14	265
	130	0	31	605
	2,272	51	223	1,526

## COMMUTING PATTERNS

TABLE XIII

COMMUTING FROM	TOTAL	PLACES COMMUTING TO			
		ELGIN	LA GRANDE	UMATILLA	OTHER*
Lostine	41	21	15	3	2
Wallowa	36	18	9	9	0
Enterprise	38	22	9	3	4
Joseph	12	3	0	7	2
Flora	17	0	2	6	9
<b>TOTAL COMMUTERS</b>	<b>144</b>	<b>64</b>	<b>35</b>	<b>28</b>	<b>17</b>

\* Includes weekend commuters.

Areas commuted from and/or to, as shown in Table XIII may be misleading to some extent. For instance in areas "Commuted from," the name of the town denotes only a mailing address. Most of those commuting lived outside the incorporated areas. Similarly, in areas "Commuting to," La Grande includes some workers commuting to places between La Grande and Elgin. "Other" in the "Commuting to" column includes workers commuting to the State of Washington, as well as some workers who are employed in Umatilla and Baker Counties and return home on weekends, only.

Practically all of those commuting are lumber workers. Most of those commuting to Elgin and La Grande are mill workers, while those commuting to Umatilla County are loggers. Two professional workers and five clerical workers are also in the commuter group to La Grande. Included as commuters are four truck drivers who work part time in Wallowa County and part time in Union County for a firm headquartered in Union County.

There are no commuters into Wallowa County, so far as could be determined.

## METHODOLOGY

In order to determine current manpower use and secure a projection of future manpower need in Wallowa County, all employers of five or more workers were personally interviewed, and all employers having one, but less than five workers on their payrolls were contacted by telephone. All employers were asked to detail their current employment by occupation, sex and age; whether there were any current vacancies in any occupation; and their estimates of employment in each occupation for September 1969 and September 1972.

Employers of five or more persons were asked to state their minimum requirements, in terms of training and/or experience in hiring for individual occupations, and whether or not in-plant training was provided.

Concurrently with the gathering of data in respect to current manpower use and future manpower need, procedure was set in motion to gather data with respect to the skills and educational profile of all county residents above the age of 16, whether in the labor force or not. This procedure consisted of a Household Study, encompassing every household that could be located in the county. Actual work of gathering data for this study was done by local residents, hired in five different localities throughout the county expressly for this purpose. Thorough training was afforded to those hired, prior to the start of the study. Since each study worker was thoroughly familiar with the area to which they were assigned, there is no reason to believe that any household in the county escaped attention. Of some 1,904 households contacted by survey workers, complete data were secured for 1,822. Partial data, consisting of the total in the household, and age, sex, marital status and physical condition of each member, were secured from 48 households. There were 34 instances where no data could be secured directly from the household, but the study workers were able to secure the total number of persons in the house-

hold from neighbors, or data secured from the 1,822 households. This data accounted for 95.7 percent of the total data secured, and, with the age, sex, marital status and characteristics data contained in the household study, accounted for 98.2 percent of the total data secured.

Schedules used by the Household Study were designed to cover the following information:

1. Length of time the respondent has lived in the area and type of present residence (urban, farm, rural nonfarm or in a mobile home). There are no urban areas in Wallowa County.
2. Total number in household, broken into three groups: the respondent, 10 to 15 years of age, and 16 years of age and over.
3. Age, sex, marital status, and physical condition of each household member over the age of 16.
4. Attachment to the household over the age of 16.
5. Attachment to the household over the age of 16 during the survey week.
6. Occupation (s) in which the respondent was engaged during the age of 16 reported during the survey week, or the 52 weeks of the year.
7. For each household member over the age of 16, whether sought work during the 52 weeks of the year, the principal work desired during the five years, if any, and the number of weeks sought.
8. Which members of the household are expected to move elsewhere for permanent employment during the survey week, and the number of weeks sought.

## METHODOLOGY

nt manpower use and secure a  
er need in Wallowa County,  
re workers were personally  
ers having one, but less than  
alls were contacted by tele-  
asked to detail their current  
ex and age; whether there  
in any occupation; and their  
each occupation for September

persons were asked to state  
in terms of training and/or  
dividual occupations, and  
ining was provided.

ring of data in respect to  
ture manpower need, procedure  
data with respect to the  
ile of all county residents  
r in the labor force or not.  
a Household Study, encompass-  
ould be located in the county.  
ata for this study was done by  
five different localities  
essly for this purpose. Thor-  
to those hired, prior to the  
each study worker was thorough-  
to which they were assigned,  
ve that any household in the  
Of some 1,904 households con-  
complete data were secured for  
isting of the total in the  
arital status and physical con-  
e secured from 48 households.  
ere no data could be secured  
d, but the study workers were  
umber of persons in the house-

hold from neighbors, or by other means. The complete data secured from the 1,822 households accounted for 95.7 percent of the total population found in the county and, with the age, sex, marital status and physical characteristics data contained in the abbreviated reports, accounted for 98.2 percent of the total population.

Schedules used by the Household Study workers were designed to cover the following 15 items of basic information:

1. Length of time the household had been in the county, and type of present residence location; whether rural farm, rural nonfarm or in an incorporated area. (Note: there are no urban areas in Wallowa County).

2. Total number in household, regardless of ages, broken into three groups: those under 10 years of age, those 10 to 15 years of age, and those 16 years of age and over.

3. Age, sex, marital status, relationship to head of household and physical condition of each member of the household over the age of 16.

4. Attachment to the labor force of each member of the household over the age of 16 during the survey week.

5. Attachment to the labor force of each household member over the age of 16 for the 52 weeks ending with the survey week.

6. Occupation (s) in which each household member over the age of 16 reported having worked, either during the survey week, or the 52 weeks ending with the survey week.

7. For each household member who reported having sought work during the 52 weeks ending with the survey week, the principal work performed during the preceding five years, if any, and the type of work sought.

8. Which members of the household, if any, were ready to move elsewhere for permanent work, with the type of work desired and the minimum wage acceptable.

9. Which members of the household, if any, were ready to leave home for temporary work, with the type of work desired and minimum wage acceptable.

10. Which members of the household, if any, were available for seasonal agricultural work, including the crops interested in and the minimum wage desired.

11. For those household members who were operating a farm, whether or not they were available for full time nonfarm work, with the type of work, wages desired, maximum commuting distance willing to travel and whether or not taking such a job would reduce the size of the farm operation.

12. Which household members, if any, were commuting to work outside the county, with the type of work involved and the location.

13. The number of years of completed schooling for each member of the household over the age of 16, the number of years and type of vocational training, if any, and whether or not this vocational training had ever been used in his work, or of help in obtaining work.

14. Which members of the household, if any, were now interested in vocational training, and the type of training, if interested.

15. For those members of the household who were interested in vocational training, the extent to which they would be able to finance their own training.

With regard to items 4 and 5 of the basic data, the schedules were also designed to show whether or not the schedule respondent was self-employed, either farm or nonfarm, a wage worker, either farm or nonfarm, or was engaged in unpaid family work. Also, if the respondent was employed less than thirty hours during the survey week, whether they were in addition either seeking work, ready for work but not looking, engaged in domestic duties, attending school, retired, or unable to work. This same information was also developed for the 51 weeks preceding the Household Study, including the number of weeks spent in each category.

All respondents who report complete registrations for scheduled points throughout who reported being ready to start work.

Those respondents who reported training were furnished pre-employment tests and given appointments at various points throughout the area for re-

In addition to the data developed on the man resource of the area, including the natural resources, problems of the area. Most of the data is through research into reports of various agencies, (see Appendix A) and is necessarily compiled through agencies, government offices, and other sources both within and without the area.

All data with regard to present and future manpower need, along with occupational profiles of the area, are on key punched documents available only in the Central Office of the Department of Employment. Actually, only a limited amount of information is published in the area due to limitations of space and general availability of information. For more information request additional information on the potential of the people of the area. Request to:

Smaller Communities  
Oregon State Employment  
Room 413 - Labor  
Salem, Oregon

of the household, if any, were ready for temporary work, with the type of work and wage acceptable.

of the household, if any, were available for agricultural work, including the crops and minimum wage desired.

of household members who were operating a farm, if they were available for full time work, the type of work, wages desired, maximum willing to travel and whether or not they would reduce the size of the farm.

of household members, if any, were commuting to work, with the type of work involved.

of years of completed schooling for each individual over the age of 16, the number of hours of vocational training, if any, and whether or not that training had ever been used in his or her obtaining work.

of household members, if any, were now receiving vocational training, and the type of training.

of household members who were interested in vocational training, the extent to which they would finance their own training.

of items 4 and 5 of the basic data, the schedule was designed to show whether or not the respondent was self-employed, either farm or nonfarm, or was engaged in either farm or nonfarm work, or was engaged in either seeking work, ready for work, or engaged in domestic duties, attending school, or unable to work. This same information was obtained for the 51 weeks preceding the survey, including the number of weeks spent in

All respondents who reported seeking work were asked to complete registrations for work with the Mobile Team at scheduled points throughout the county, as were those who reported being ready to work but not actually seeking work.

Those respondents who reported an interest in vocational training were furnished preliminary registration forms, and given appointments at specific times and places throughout the area for return of these forms.

In addition to the data developed with regard to the human resource of the area, data were also developed covering the natural resources, business trends, and economic problems of the area. Most of this was accomplished through research into reports of studies made by various agencies, (see Appendix A on page 47) but some was necessarily compiled through actual contacts with operating industries, government officials and professional workers, both within and without the county.

All data with regard to present manpower use and possible future manpower need, along with data used to set up the occupational profiles of the labor force were transferred to key punched documents and will be retained indefinitely in the Central Office of the Oregon Department of Employment. Actually, only a portion of the developed information is published in this brochure, because of limitations of space and general interest. Anyone wishing additional information concerning the occupational potential of the people of the area should address his request to:

Smaller Communities Services Program  
Oregon State Employment Service  
Room 413 - Labor and Industries Bldg.  
Salem, Oregon 97310

## OCCUPATIONAL GROUPS DEFINED

### PROFESSIONAL, TECHNICAL AND MANAGERIAL OCCUPATIONS

This category includes occupations concerned with the theoretical or practical aspects of such fields of human endeavor as art, science, engineering, education, medicine, law, business relations and administrative, managerial and technical work.

Most of these occupations require substantial educational preparation (usually at the university, junior college, or technical institute level).

### CLERICAL OCCUPATIONS

This category includes occupations concerned with preparing, transcribing, transferring, systematizing, and preserving written communications and records, collecting accounts and distributing information.

### SALES OCCUPATIONS

Includes all occupations primarily concerned with assisting or influencing customer choice of products, commodities or services. It also includes some occupations in customer service closely identified with sales transactions but where there is no actual participation in the sales process (eg: carpet layers, drapery hangers, delivery boys, etc.).

### SERVICE OCCUPATIONS

Includes those occupations concerned with the performance of services for persons which require either contact or close association with the individual for whom the service is performed; occupations concerned with protection of public or private property, occupations related to the servicing of buildings; occupations in cleaning, dyeing, and pressing; and attendants in amusement and recreation facilities.

### FARMING, FISHERY, FORESTRY

This category includes occupations concerned with raising, harvesting, catching and animal life and the occupations concerned with providing these activities.

### PROCESSING OCCUPATIONS

Includes occupations concerned with the application of heat or cold in compounding, heat or cold in processing materials or products, and adherence to formulas or standards in some degree. Operation of machinery is often involved.

### MACHINE TRADES OCCUPATIONS

This category includes occupations concerned with operating, tending, operating and repairing machines to work such as wood, metal and stone. The relationship is of prime importance in the complexity at which the work is done, the levels, understanding of the machine combined with the experience and knowledge of related subjects such as print reading, etc. A high degree of coordination of the eye and hand is a significant factor. This category includes repairmen.

### BENCH WORK OCCUPATIONS

This category includes occupations concerned with hand or bench machine work used to fit, grind, calibrate, inspect, repair or similar work.

## OCCUPATIONAL GROUPS DEFINED

### OCCUPATIONS

erned with the  
h fields of human  
education, medi-  
strative, manage-

ential educational  
junior college,

erned with pre-  
ematizing, and  
records, collecting

erned with assist-  
products, commodi-  
e occupations in  
n sales transac-  
icipation in the  
ry hangers, de-

th the performance  
ther contact or  
or whom the serv-  
with protection  
ons related to  
in cleaning,  
amusement and

### FARMING, FISHERY, FORESTRY AND RELATED OCCUPATIONS

This category includes occupations concerned with growing, harvesting, catching and gathering land and aquatic and animal life and the products thereof, and occupations concerned with providing services in support of these activities.

### PROCESSING OCCUPATIONS

Includes occupations concerned with refining, mixing, compounding, heat or chemical treating or similarly working materials or products. Knowledge of a process and adherence to formulas or other specifications are required in some degree. Operation of equipment or machinery is often involved.

### MACHINE TRADES OCCUPATIONS

This category includes occupations concerned with feeding, tending, operating, controlling, and setting up machines to work such materials as metal, paper, wood, and stone. The relationship of the worker to the machine is of prime importance in establishing the level of complexity at which the work is performed. At the higher levels, understanding of machine functions is frequently combined with the exercise of worker judgment based on knowledge of related subjects such as mathematics, blueprint reading, etc. At the lower levels of complexity, coordination of the eyes and hands is the most significant factor. This category also includes mechanics and repairmen.

### BENCH WORK OCCUPATIONS

This category includes occupations where body members, hand or bench machine tools or a combination thereof are used to fit, grind, carve, mold, paint, sew, assemble, inspect, repair or similarly work a variety of objects.

The work is usually performed in a set position in a mill, shop, or plant, at a bench, work table or conveyor. The more complex of these occupations requires the use of worker judgment; in the less complex, the worker follows a standardized procedure.

#### STRUCTURAL WORK OCCUPATIONS

Includes occupations concerned with fabricating, erecting, installing, paving, painting, repairing, and similarly working structures or structural parts, such as bridges, buildings, roads, motor vehicles, cables, airplane engines, girders, plates, and frames. They involve the use of hand or portable power tools in working such materials as wood, metal, concrete, glass and clay. Except for factory line production, the work is usually performed outside a factory or shop environment.

#### MISCELLANEOUS OCCUPATIONS

Includes occupations concerned with transportation services; packaging and warehousing; utilities; amusement, recreation, and motion picture services; mining and logging; graphic arts, and activities not elsewhere classified.



MINING AND PACKAGING OF HIGH GRADE PEAT MOSS IS ONE OF THE NEWER INDUSTRIES OF WALLOWA COUNTY.

## INDUSTRIES DEFINED

### CONTRACT CONSTRUCTION

This group includes all firms primarily engaged in construction by contract, whether of buildings, pipe lines, excavating or general contracting. It includes specialty contractors, such as electrical, plumbing, conditioning, roofing, flooring, electrical or plastering. Construction is considered as additional alteration or demolition. It includes the use of pre-fab materials or equipment by a contractor within this division. However, when construction is made by the vendor or manufacturer of the material or equipment, it is not considered as construction.

### MANUFACTURING

With the exceptions hereinafter noted, this division includes all establishments primarily engaged in combining or adding to materials or substances in the purpose of enhancing the value or usefulness of the product.

Not included in manufacturing are such activities as the processing of raw materials on a farm.



THE STREAMS OF WALLOWA COUNTY ARE WELL TAKEN CARE OF BY THE STATE OPERATED HATCHERY.

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with fabricating, erecting, repairing, and similarly parts, such as bridges, cables, airplane engines. They involve the tools in working such materials, glass and clay. Except the work is usually shop environment.

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MADE PEAT MOSS IS ONE OF COUNTY.

## INDUSTRIES DEFINED

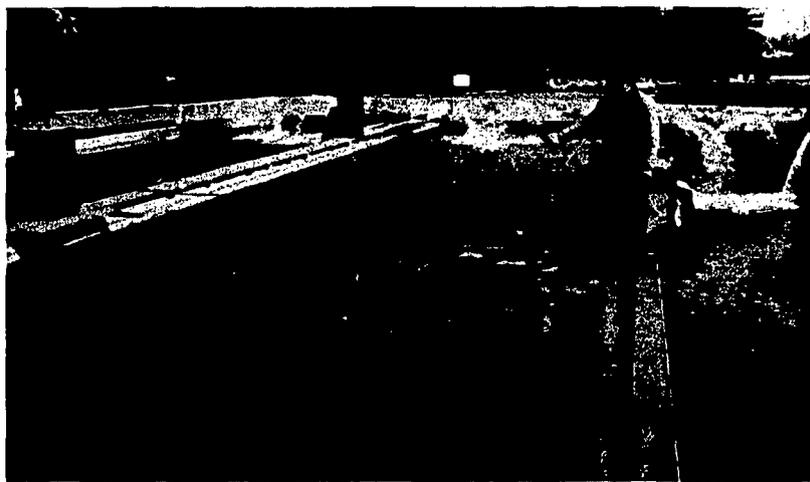
### CONTRACT CONSTRUCTION

This group includes all firms primarily engaged in construction by contract, whether of buildings, highways, pipe lines, excavating or general construction. It also includes specialty contractors, such as painting, air conditioning, roofing, flooring, electrical, plumbing, or plastering. Construction is construed to mean new, additional alteration or demolition. Installation of pre-fab materials or equipment by a contractor comes within this division. However, when such installation is made by the vendor or manufacturer of the materials or equipment, it is not considered as construction.

### MANUFACTURING

With the exceptions hereinafter noted, this division includes all establishments primarily engaged in altering, combining or adding to materials or substances for the purpose of enhancing the value or usability.

Not included in manufacturing are such activities as processing of raw materials on a farm, fabrication at a



THE STREAMS OF WALLOWA COUNTY ARE WELL SUPPLIED WITH FINGERLINGS BY THE STATE OPERATED HATCHERY AT ENTERPRISE.

MANUFACTURING (Cont.)

construction site by a contractor, or processing for retail sale on the premises of firms ordinarily engaged in retail trade.

Treated in this study as separate divisions of manufacturing are:

1. Lumber and wood products, which includes logging and other operations in connection with commercial tree farms; primary processing of lumber and veneer, prefabrication of wooden buildings or structural members thereof, and manufacture of shaped wooden products.

2. Paper and allied products, which includes the manufacture of pulps from wood and other cellulose fibres; the manufacture of paper and paperboard, and the conversion of paper and paperboard into various products.

3. Other manufacturing, which includes all manufacturing operations not specifically covered in groups one and two, above.

TRANSPORTATION

Railroads, motor carriers, warehousing, water transportation; airlines, freight forwarding, pipe lines, and local and suburban transportation.

COMMUNICATIONS

Telephone and telegraph; radio and television broadcasting, and commercial shortwave systems.

UTILITIES

Light, heat and power, whether electric or gas; water supply, and sanitary services.

WHOLESALE TRADE

Includes all establishments primarily engaged in selling merchandise to retailers or other industrial, commercial,

or professional users with merchandise purveyed.

RETAIL TRADE

Includes all establishments selling merchandise for personal, family, and in rendering service in

FINANCE, INSURANCE AND REAL ESTATE

In addition to banks and trust companies, includes the business of whatever nature of insurance, investment agencies, holding companies, commodity and contract, ownership and management of real estate.

SERVICE AND MISCELLANEOUS

Under service, this group includes repair shops, dining places; trailer parks; and amusement services; medical and dental services; other professional services; and other services (other than government operated) such as public organizations and other services, animal husbandry, and horticulture, and other services performed on a fee or contract basis.

Under miscellaneous is included a wide variety of activities, including forestry and mining, which encompasses more than one of the above categories and salary employment.

GOVERNMENT

This industrial group includes federal, state, and international activities, including educational, social and administrative functions, and other government owned and operated business enterprises, hospitals, and other services.

Treated separately are all activities in the educational field.

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or other industrial, commercial,

or professional users without regard to the type of mer-  
chandise purveyed.

RETAIL TRADE

Includes all establishments primarily engaged in selling  
merchandise for personal, household or farm consumption  
and in rendering service incidental to the sale of goods.

FINANCE, INSURANCE AND REAL ESTATE

In addition to banks and trust companies and insurance  
business of whatever nature, this division includes cred-  
it agencies, holding companies, brokers, dealers in com-  
modities and contracts, owners, lessors and developers  
of real estate.

SERVICE AND MISCELLANEOUS

Under service, this group includes hotels and other lodg-  
ing places; trailer parks; personal, business, repair,  
and amusement services; medical, legal, engineering and  
other professional services; educational institutions  
(other than government operated); non-profit membership  
organizations and other services such as agricultural,  
animal husbandry, and horticultural services when per-  
formed on a fee or contract basis.

Under miscellaneous is included such activities as fish-  
ing, forestry and mining, where no individual activity  
encompasses more than one percent of the total wage and  
salary employment.

GOVERNMENT

This industrial group includes all federal, state, local  
and international activities such as legislative, judi-  
cial and administrative functions as well as government  
owned and operated business enterprises, such as utili-  
ties, hospitals, and other such services.

Treated separately are all government activities in the  
educational field.



## APPENDIX

### Selected Reference Materials:

U.S. Bureau of the Census, Part 39, Vol. 1, 1960 report.

History of Union and Wallowa Counties. Western Hist. Publ. Co. (1902).

The Grande Ronde River Basin. Oregon State Water Resources Board (1960).

Wallowa Valley Improvement District No. 1. Soil, Agricultural and Economic Report. Oregon Agricultural Experiment Station (1933).

Bulletin #3 (1938); Bulletin #14A (1939); and Bulletin #12, (1941). Oregon State Department of Geology and Mineral Industries.

Census of Agriculture for Years 1954, 1959, and 1964. U.S. Bureau of the Census.

Annual Reports, Agricultural Extension Service  
Wallowa County, Oregon. 1964 through 1967.

Summary of Oregon Certified Personnel Information  
Oregon Department of Education. (1965).

Certificate of Population Enumerations and Estimates of Incorporated Cities and Counties.  
Portland State College (1967).

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