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# **Labor Market Information**



ALASKA DEPARTMENT OF LABOR • WALTER J. HICKEL, GOVERNOR

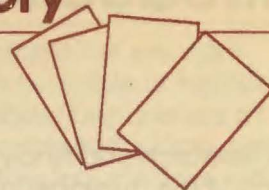
**employment statistics &  
projections &**

**unemployment statistics &  
supply & demand &  
population information &**

**Occupational injury &  
Wage information &  
Directory 1992**

# Labor Market Information Directory

## 1992



**State of Alaska, *Walter J. Hickel, Governor***  
**Alaska Department of Labor, *C.W. Mahlen, Commissioner***  
**Administrative Services Division, *David Teal, Director***  
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In cooperation with:

Alaska Occupational Information  
Coordinating Committee  
Alaska State Employment Service

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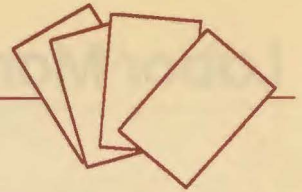
This publication, released by the Department of Labor's Employment Security Division and Research and Analysis Section, was produced at a cost of \$.20 per copy.





# Introduction

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The Research and Analysis Section of the Alaska Department of labor is the prime source for much of the available information about Alaska's population, employment, unemployment and wages, and occupational and career information. The section also prepares and analyzes data for occupational injury, unemployment insurance and special projects. A list of other types of information gathered by Research and Analysis follows this introduction.

The information gathered and analyzed by Research and Analysis is often presented in the form of publications. Many publications are periodic, for which we maintain a distribution list; others are one-time reports which are available upon request. Timely summaries of most of these publications are regularly issued in press releases, also available upon request.

This directory contains a description of two microcomputer based occupational information systems: one for career planning and counseling and one for research and employment training program planning. This year information on available and upcoming 1990 census products has been included.

The publications containing occupational and career information are prepared in cooperation with the Alaska Occupational Information Coordinating Committee (AOICC). AOICC is part of the national Occupational Information Coordinating Committee network established by an act of the U.S. Congress in 1976 to promote the development and use of occupational information. The mission of AOICC is to develop and implement an occupational information system (OIS) and a career information delivery system (CIDS) that address the need for labor market information by the users of the data.

If we can provide you with more information about our services or publications or if you have specific information needs, please contact our Juneau or Anchorage office at the numbers listed below.

## **Juneau**

(907) 465-4500 FAX # (907) 465-2101

## **Anchorage**

(907) 269-4860 FAX # (907) 264-2689

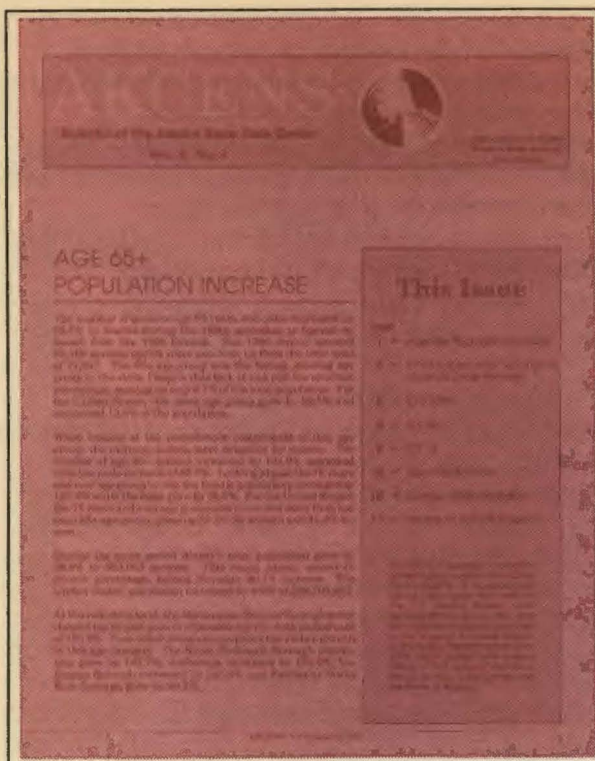
If you live in the **Fairbanks North Star Borough** call  
1-800-478-9900 to contact our Anchorage office.

Following is a partial list of information gathered by Research and Analysis.

- EMPLOYMENT ESTIMATES AND PROJECTIONS BY INDUSTRY AND OCCUPATION
- CENSUS DATA
- POPULATION ESTIMATES AND PROJECTIONS BY AGE, RACE AND SEX
- LABOR FORCE AND EMPLOYMENT
- CAREER INFORMATION
- OCCUPATIONAL INJURIES AND ILLNESSES
- WAGE RATES
- MASS LAYOFF
- HOUSING MARKET



## AKCENS



**AKCENS**, a quarterly newsletter, provides current information on available United States Census Bureau and Alaska Department of Labor publications, machine readable data and other products. Also included are articles on demographic trends and information on upcoming Census Bureau and Alaska demographic activities.

## Alaska Career Guide

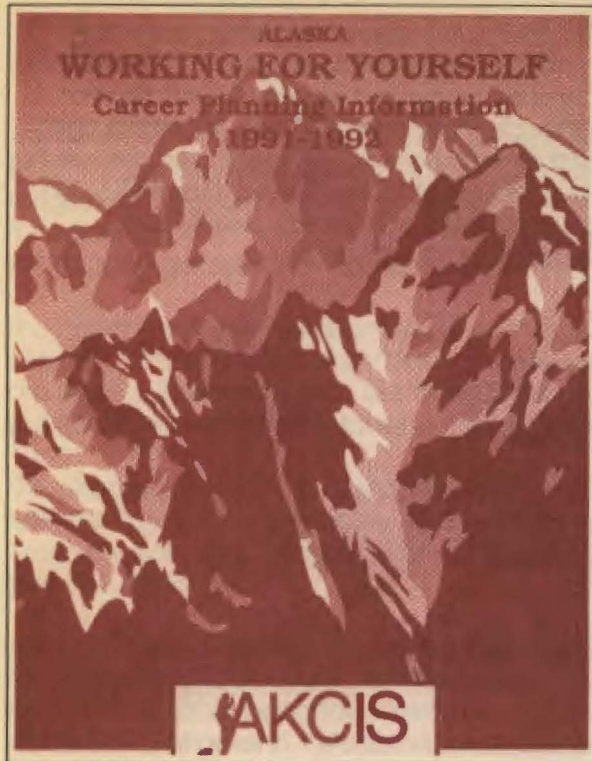
This booklet of career information provides useful and timely facts to assist students and those making career choices or conducting job searches. More than 280 Alaska occupations are described in this annual publication including salary ranges, the number of Alaskans employed in the field, suggested training courses, related occupations and a synopsis of hiring practices. Also included is a listing of addresses and phone numbers for more than 100 educational and vocational training sites in the state. The 1992 edition includes discussions of occupations of the future, state job services, what's hot and what's not in career opportunities, Native employment networks, the ins and outs of financial aid, and how to succeed in an interview.

## ALASKA CAREER GUIDE

YOUR KEY TO THE FUTURE



# Alaska Career Information System (AKCIS)



AKCIS is an interactive computer software tool designed to help people of all ages explore careers, gathering the latest information to aid in career choices or transitions. The QUEST questionnaire allows the user to sort over 280 Alaskan and national occupations based on self-perceived interests and abilities. Each occupation includes a description of job duties, working conditions, aptitudes necessary, prospective employer groups, wages, and the projected outlook for that occupation.

The occupations are linked to appropriate postsecondary training programs and the schools that offer those programs. SCHOOL SORT allows the user to sort over 3,400 national 2 year, 4 year, and graduate schools. AID SORT, a new feature this year, provides sorting for 1,100 sources of financial aid. The user enters their special characteristics, talents, and needs and AID SORT provides a possible list of aid sources. These sources are then listed with specific information regarding the application process for each.

AKCIS contains the most current and comprehensive information available for career information seekers. The system is produced jointly between the Alaska Departments of Education and Labor. It is available through secondary schools, state employment services offices, universities, and private nonprofit agencies. AKCIS is primarily funded by user fees paid by the agency. The direct user is not charged. Many of the files on the computer are printed in books and accompany the software program. For more information contact: Alaska Department of Education, Alaska Career Information System, 801 West 10th Street, Suite 200, Juneau, Alaska 99801-1894 (907) 465-4685



# Alaska Economic Trends



This monthly magazine presents timely articles and features addressing the current economic and demographic conditions of Alaska including: regional economic analysis, labor force data by region, nonagricultural wage and salary employment, and average hours and earnings in selected industries.

## The Alaska Economic Trends Index: 1991 Articles

### July

#### *Is There Still a Labor Shortage in Alaska?*

In general, the Alaskan labor shortage abated.

#### *Comparing Employment in 1970, 1980, 1990*

Employment trends over the decades compared.

*Employment Scene* - April 1991

### August

#### *The Trends 100*

Alaska's Largest Private Employers in 1990

#### *Alaska's 13,467 Other Employers*

Small and average-sized businesses examined.

*Employment Scene* - May 1991

### September

#### *Nome: Gold & Government Rule Economy*

Nome's unique economy profiled.

#### *Oil Spill Accident Rate Not Unusual*

Injury and illness rate of oil spill workers.

*Employment Scene* - June 1991

### October

#### *The Changing Role of Alaska's Construction Industry*

Construction loses role as primary economic barometer.

#### *The Affordability of Alaska's Housing: 1987-91*

Homeowner trends examined.

*Employment Scene* - July 1991

### November

#### *Making a Buck: Income Growth Slows*

Alaska remains in 7th place in per capita income.

#### *Results of Trends Reader Survey*

Subscribers rate Trends highly.

*Employment Scene* - August 1991

### December

#### *Measuring Alaska's Cost of Living*

Cost of living measurements available for Alaska.

*Employment Scene* - September 1991

### January

#### *Sitka: A Rich History and a Diverse Economy*

Special profile of Sitka's multi-faceted economy.

#### *Employment Scene* - October 1990

Alaska's October employment and unemployment data examined.

### February

#### *Is There a Teacher Shortage in Alaska?*

Survey of urban and rural school districts analyzed.

#### *Recent Release Review:*

Occupation/Industry Outlook Through 1994

#### *Employment Scene* - November 1990

Same as above and repeated for each month.

### March

#### *Services-Alaska's Largest Private Sector Industry*

Service industry throughout the state examined.

#### *Mass Layoffs in Alaska: 1989*

Spill cleanup, seasonal and manufacturing layoffs dominate in 1989.

*Employment Scene* - December 1990

### April

#### *1990: Employment Growth Stronger Than Predicted*

Ten thousand more jobs in 1990 bring 4.4% growth rate.

#### *On the Annual Benchmark Revision*

Employment data revised for last 24 months

*Employment Scene* - January 1991

### May

#### *The Year Ahead: Forecast 1991-92*

Employment trends through 1992 for Alaska, Anchorage, Fairbanks and Southeast.

*Employment Scene* - February 1991

### June

#### *Alaska's Timber Industry*

Timber's uncertain future and high risk of injury.

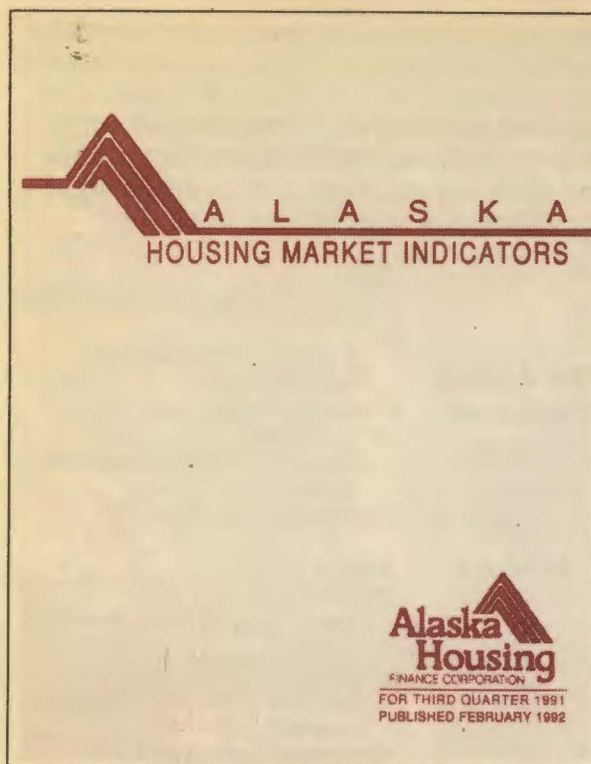
#### *1990 Census Data Available*

Alaska State Data Center presents timeline of census products.

*Employment Scene* - March 1991



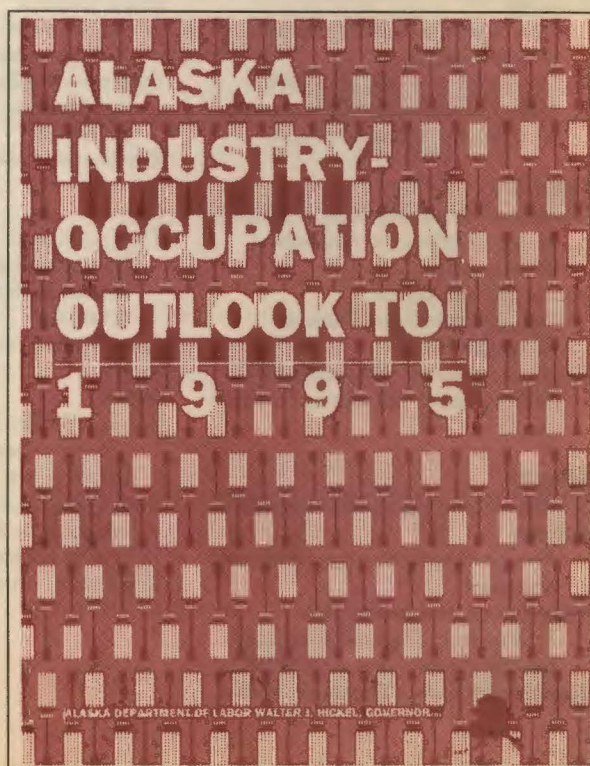
## Alaska Housing Market Indicators (AHFC)



*Alaska Housing Market Indicators* provides detailed statistics relating to Alaska's housing market. Funded by the Alaska Housing Finance Corporation (AHFC), this quarterly publication provides information on housing loans and structure characteristics by census area. Using Alaska Department of Labor wage income data, an Affordability Index measures relative differences in housing affordability by census area over time. The publication also presents U.S. Census data and other information about the Alaska housing market as these data become available. Currently limited to loan data for loans purchased by AHFC, work is underway to incorporate loan information on lending activity of other lenders.

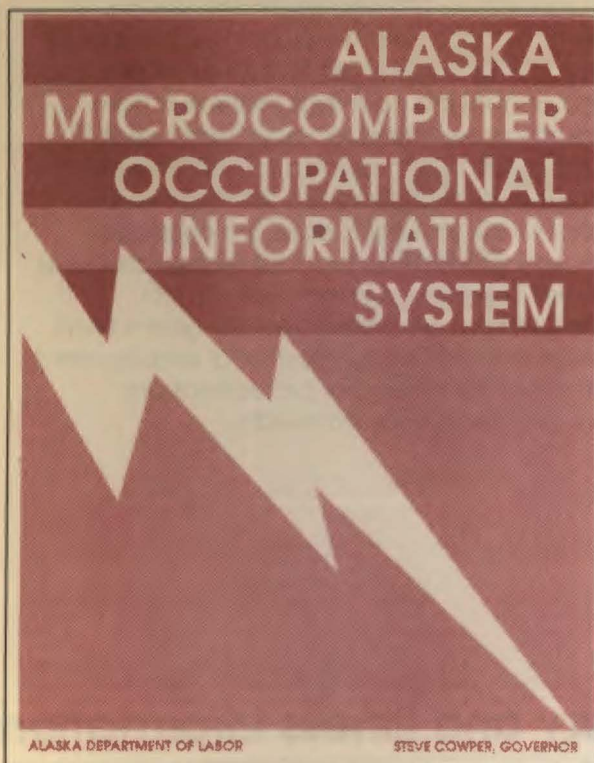
## Alaska Industry-Occupation Outlook to 1995

Occupational profiles for 27 major industries and industry groups are presented in this annual publication. This award-winning publication includes occupational estimates for 1990, projections to 1995 and a narrative of the current industry status and outlook. Tables of detailed occupational employment estimates and projections for Alaska statewide, Anchorage/MatSu, Fairbanks and Southeast Alaska are featured.





## Alaska Microcomputer Occupational Information System (Micro-OIS)



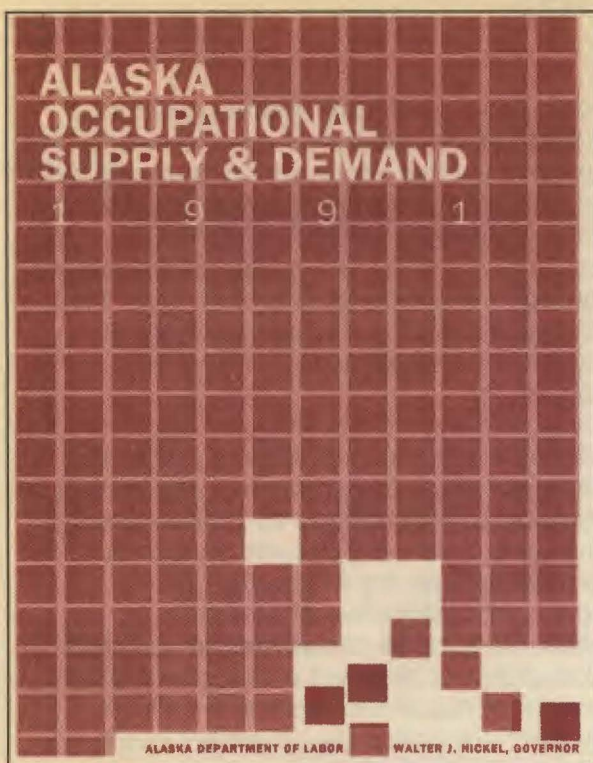
*Micro-OIS* is a microcomputer system for educators, administrators and counselors. The system matches occupational demand data (current and projected employment), supply data (trained people available to work in an occupation) and the number of job openings through the Alaska State Employment Service for specific and related occupations. An industry module provides for total employment by industry.

*Micro-OIS* has the capability of producing standard production reports or allows users to develop specific criteria for gathering data. The system currently delivers data on a statewide basis, for Anchorage/MatSu, Fairbanks and Southeast Alaska. A characteristics file allows the user to select occupational demand and supply data by various occupational traits that include general education development levels (reasoning, math, language), preparation time required, physical demands and environmental conditions.

*Micro-OIS* is available on computer diskettes to users who provide four formatted 5 1/4" or two 3 1/2" disks for use with an IBM-PC/XT or compatible machine.



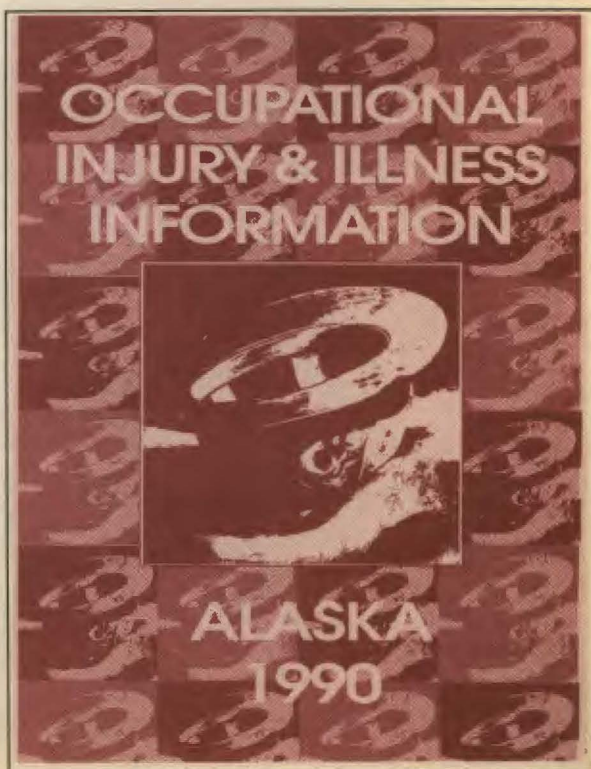
## Alaska Occupational Supply & Demand Information



This annual publication contains occupational supply, demand and analysis information organized by 100 occupational clusters. Demand information includes occupational employment estimates, five-year projections and annual job openings that result from industry growth and replacement needs. Supply data are provided for institutional program completers from the most recent school year for which data are available. Analysis information includes wage rates and Alaska State Employment Service job applications, job orders and job orders filled. Tables of detailed occupational employment estimates and five year projections are provided for Alaska statewide.

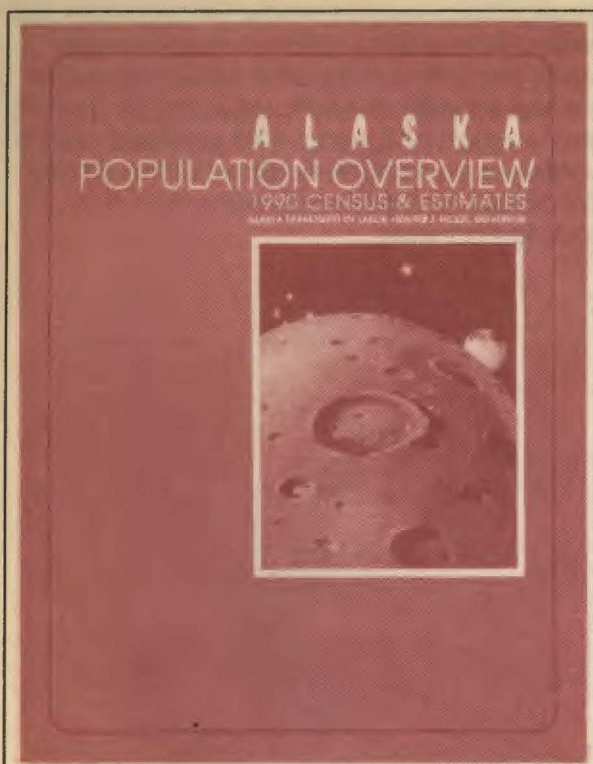
## Alaska Occupational Injury and Illness Information

*Alaska Occupational Injury and Illness Information* is an annual statistical report on work-related injuries and illnesses in Alaska's work force. The major section of this publication contains information from the annual occupational safety and health survey, which provides injury incidence rates by industry. Sections cover work-related fatalities, and answers to questions frequently asked by employers.





## Alaska Population Overview

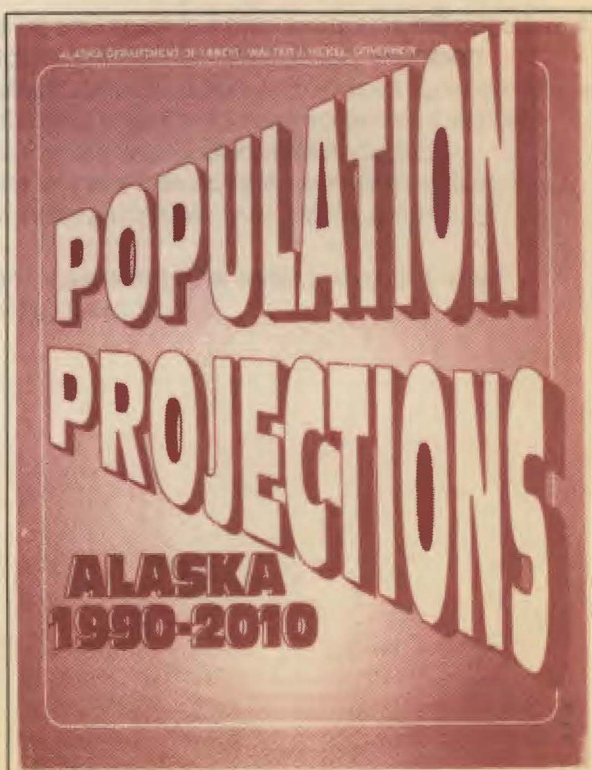


Annual official population estimates for the state of Alaska and its boroughs and census areas by age and sex comprise this publication. Included in the state estimates are information on historical trends in births, deaths and migration. Estimates of population and households are also included for incorporated places, census designated places, and Alaska Native Village Statistical Areas. In addition, estimates are included for such specialized areas as the Alaska Native Regional Corporations, legislative districts, military populations, and school districts.

## Alaska Population Projections

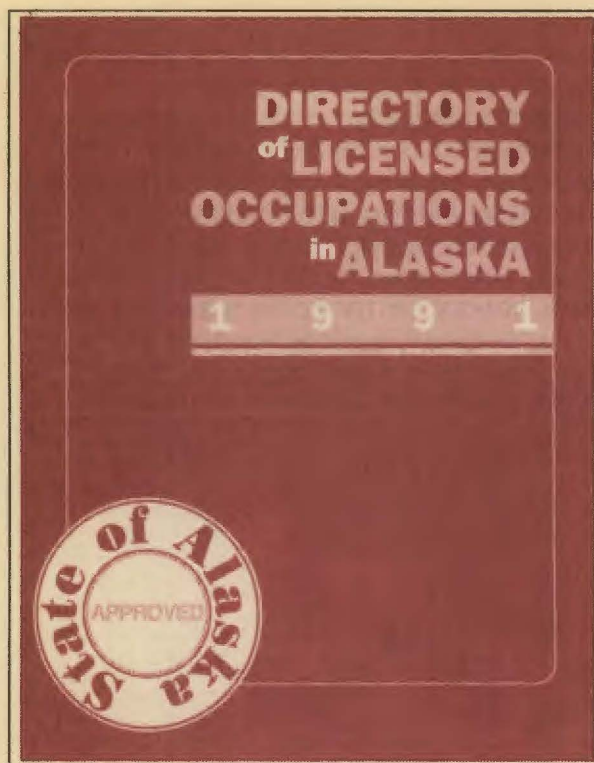
Periodic population projections for the state by age, sex, race and census area for selected years are presented. Included are descriptions of the methodology and assumptions about births, deaths and migration used to determine the projections.

Note: A series of irregular demographic reports covering a wide range of specialized topics and studies not elsewhere covered are available upon request.





## Alaska Directory of Licensed Occupations

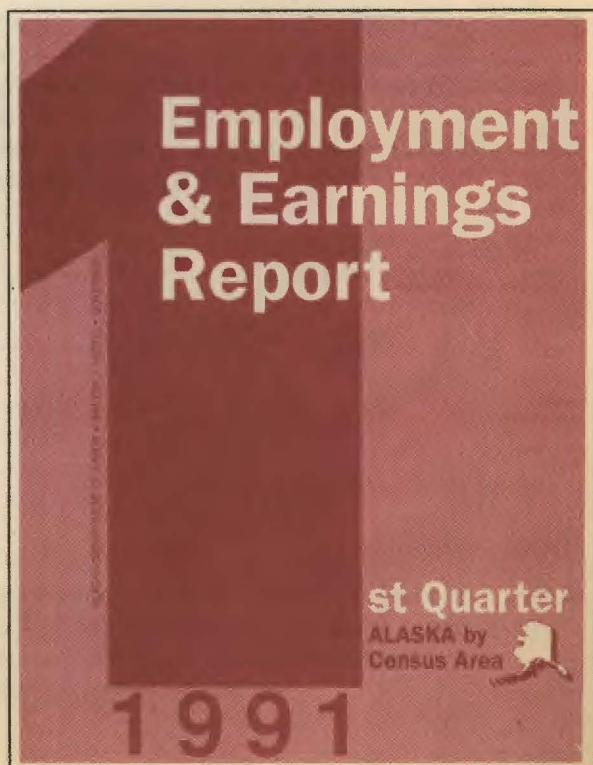


*Alaska Directory of Licensed Occupations* lists Alaska occupations which require licenses issued by various state and federal agencies; the Municipality of Anchorage and by the City and Borough of Juneau. Also included are the addresses and phone numbers of the offices to contact for additional information. It is updated annually.

## Alaska Employment and Earnings Report

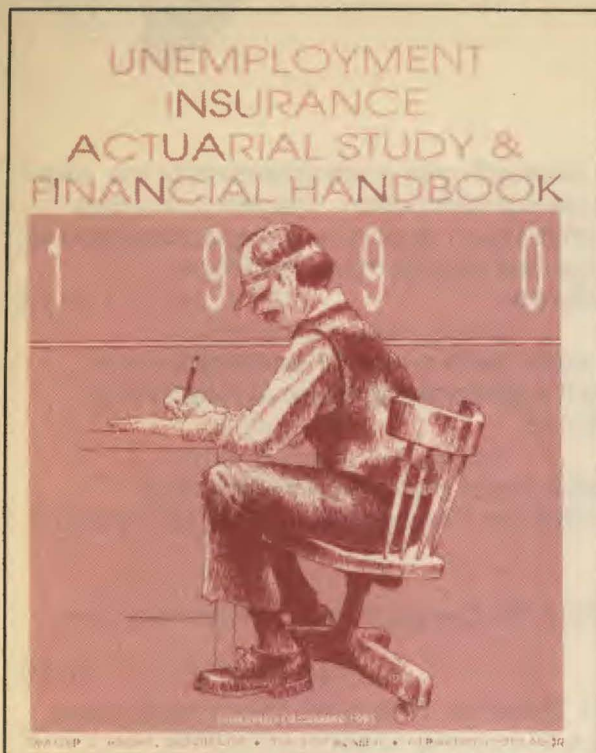
*Alaska Employment and Earnings Report* is a quarterly publication of statistical tables containing, by industry, nonagricultural wage and salary employment and earnings for the state of Alaska, and Census Areas. It is available approximately seven months after the end of each respective quarter.

Note: This publication was previously titled *Statistical Quarterly*.





## Unemployment Insurance Actuarial Study & Financial Handbook

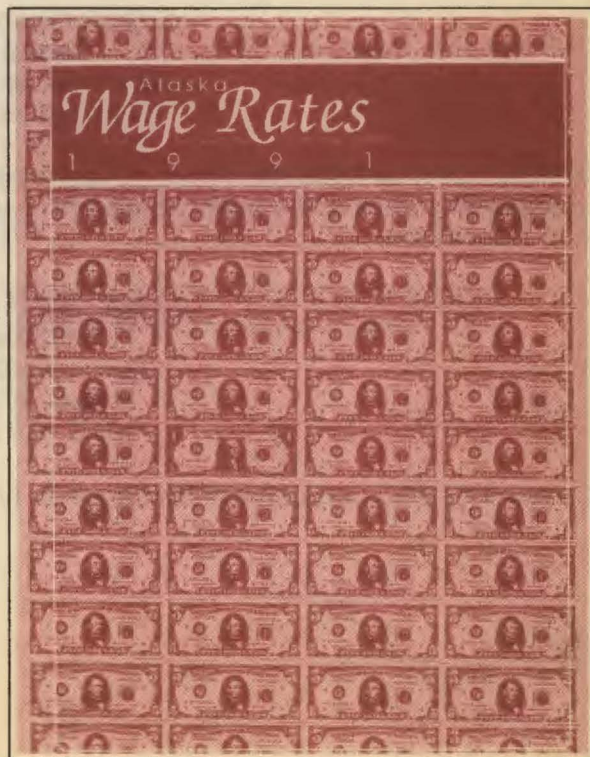


*Unemployment Insurance Actuarial Study & Financial Handbook* is an annual report of Alaska's unemployment insurance (UI) system focusing on the benefit and tax structures. It includes an overview of the current UI system and an analysis of fund adequacy with respect to potential future benefit obligations. The report contains tables on employment, payroll, and earnings by industry and ownership; plus data on various aspects of UI benefit claims and payments. The full report is available in December of odd numbered years, and an update, of the data only, is available in even years.

## Alaska Wage Rates

*Alaska Wage Rates*, an annual publication, presents the results of a wage survey of nearly 1,500 employers for 160 occupations. Data are provided for Alaska statewide and by economic region. Also presented are average wage offerings of job orders for about 200 occupations placed with Alaska State Employment Service offices throughout Alaska.

To provide local area wage information, average job order rates are listed for representative occupations from each of the 19 Employment Services offices.





# Alaska State Data Center

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The Alaska State Data Center (ASDC), located in the Research and Analysis Section of the Department of Labor, is the state's clearing house for census information. The ASDC provides census data to users, free of charge, in a variety of formats such as computer tape, diskette, and printed reports. Other formats such as CD-ROM, census reports, maps, and tape documentation must be purchased from the Census Bureau.

The ASDC provides free copying of census tapes. To order, send a blank 9 track tape and a written request identifying the census tape name and the geographic areas. The technical documentation is available from the Census Bureau for \$5.

CD-ROM data is available approximately 3-4 weeks after tapes are released. Technical documentation is included on the disc. To order, contact the Census Bureau. The fee varies but averages about \$150 per disc.

Printed census publications may be ordered directly from the Census Bureau. Prices may vary depending on the publication.

Maps of Alaska are available from the Census Bureau. There are 740 county/block map sheets and 172 tract/BNA map sheets for the state. The cost is \$5 per map sheet.

The address to order the above items is:

U.S. Department of Commerce  
Census Bureau  
Customer Services Division  
Washington, D.C. 20233

The ASDC can download data from census tape to PC diskettes (specify high or low density) for all geographic areas of the state. There is no cost for this service. Contact the ASDC for specific format information.

ALASKA STATE DATA CENTER  
P.O. Box 25504  
Juneau, Alaska 99802-5504  
Phone: 907-465-4500  
FAX: 907-465-2101

The release of 1990 Census products began in 1991 and will continue through 1993.



# 1990 Census and Other Census Products and Release Dates Tapes, CD-ROM, and Publications

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## 1991

<b>Tapes</b>	<b>CD-ROM**</b>	<b>Printed Reports</b>
STF1A*	STF1A	Summary Population & Housing Characteristics
STF1B	P.L. 94-171 Current Population Survey TIGER/Line Files Foreign Trade: U.S. Imports 1989 & 1990 Foreign Trade: U.S. Exports 1989 & 1990	Population & Housing Unit Counts General Population Characteristics General Housing Characteristics General Population Characteristics for American Indian & Alaska Native Areas General Housing Characteristics for American Indian & Alaska Native Areas

## 1992

STF1C	STF1B (extract)	Summary Social, Economic, & Housing Characteristics
STF2A	STF1C	Population & Housing Characteristics for Census Tracts/Block Numbering Areas
STF2B STF2C STF3A STF4A STF4B Census/EEO	STF3A	

## 1993

STF1D	STF3B	Social & Economic Characteristics
STF3B	STF3C	Detailed Housing Characteristics
STF3C		
STF4C		
Subject STF's		
County to County Migration		
PUMS 5%		
PUMS 1%		

\*STF=Summary Tape File

\*\*CD-ROM=Compact Disc-Read Only Memory



**Alaska Department of Labor  
Research and Analysis Section  
P.O. Box 25501  
Juneau, Alaska 99801-5501**

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**Most of the publications in this LMI Directory are  
available at libraries and at your local Employment  
Service Offices.**

**Anchorage Employment  
Service  
Phone: 264-2631**

**Bethel Employment Service  
Phone: 543-2210**

**Dillingham Employment  
Service  
Phone: 842-5579**

**Eagle River Employment  
Service  
Phone: 694-6904/07**

**Mat-Su Employment Service  
Phone: 376-2407/08**

**Fairbanks Employment Service  
Phone: 451-2871**

**Glennallen Employment  
Service  
Phone: 822-3350**

**Kotzebue Employment Service  
Phone: 442-3280**

**Nome Employment Service  
Phone: 443-2626/2460**

**Tok Employment Service  
Phone: 883-5629**

**Valdez Employment Service  
Phone: 835-4910**

**Kenai Employment Service  
Phone: 283-4304/4377/4319**

**Homer Employment Service  
Phone: 235-7791**

**Kodiak Employment Service  
Phone: 486-3105**

**Seward Employment Service  
Phone: 224-5276**

**Juneau Employment Service  
Phone: 790-4562**

**Petersburg Employment  
Service  
Phone: 772-3791**

**Sitka Employment Service  
Phone: 747-3347/3423/6921**

**Ketchikan Employment  
Service  
Phone: 225-3181/82/83**

**The mission of the Employment Security Division is to promote employment and  
economic stability by responding to the needs of employers and job seekers.**