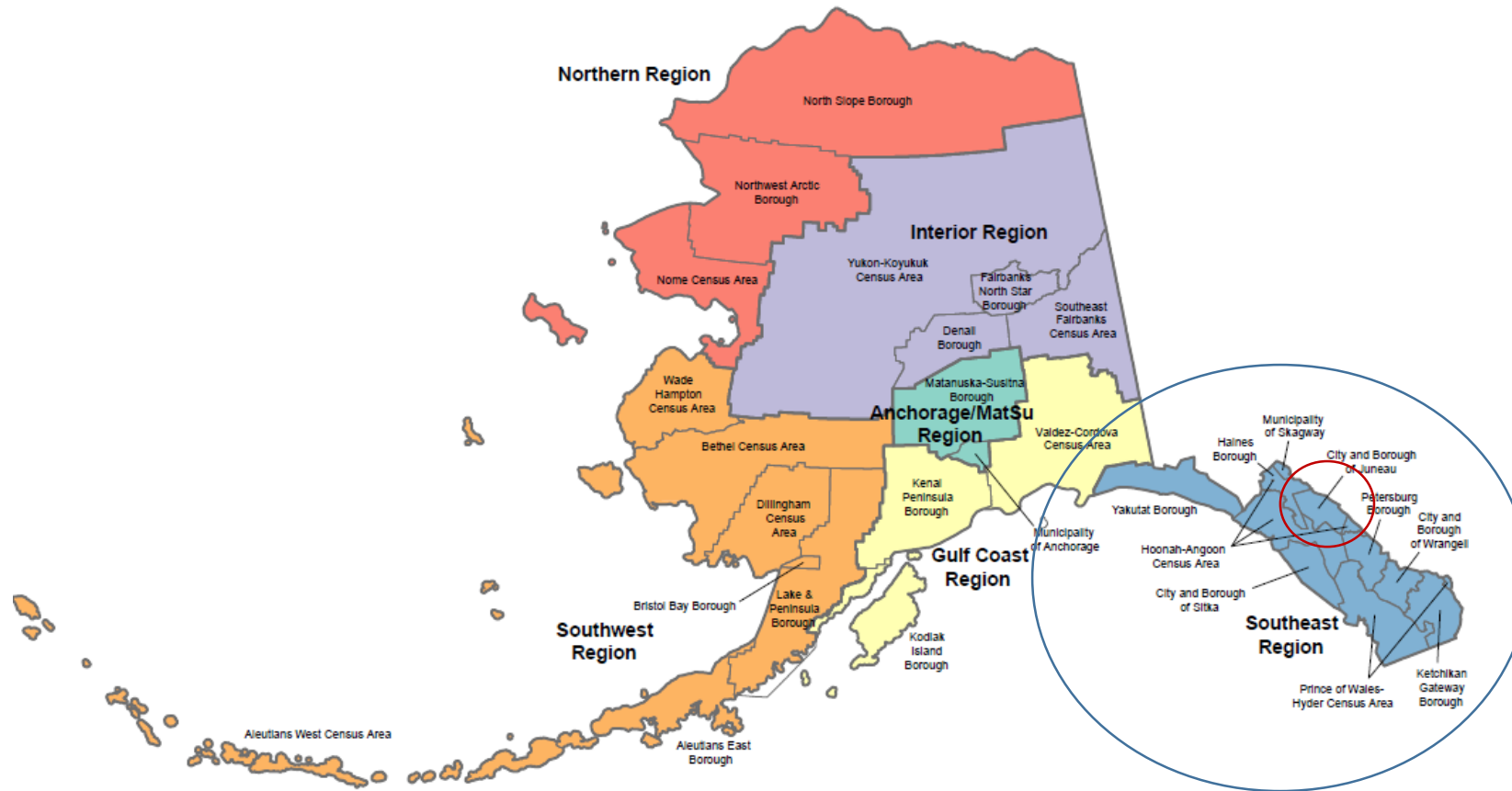


# Economic Trends and Data Resources

Alaska Department of Labor and Workforce Development, Research & Analysis Section

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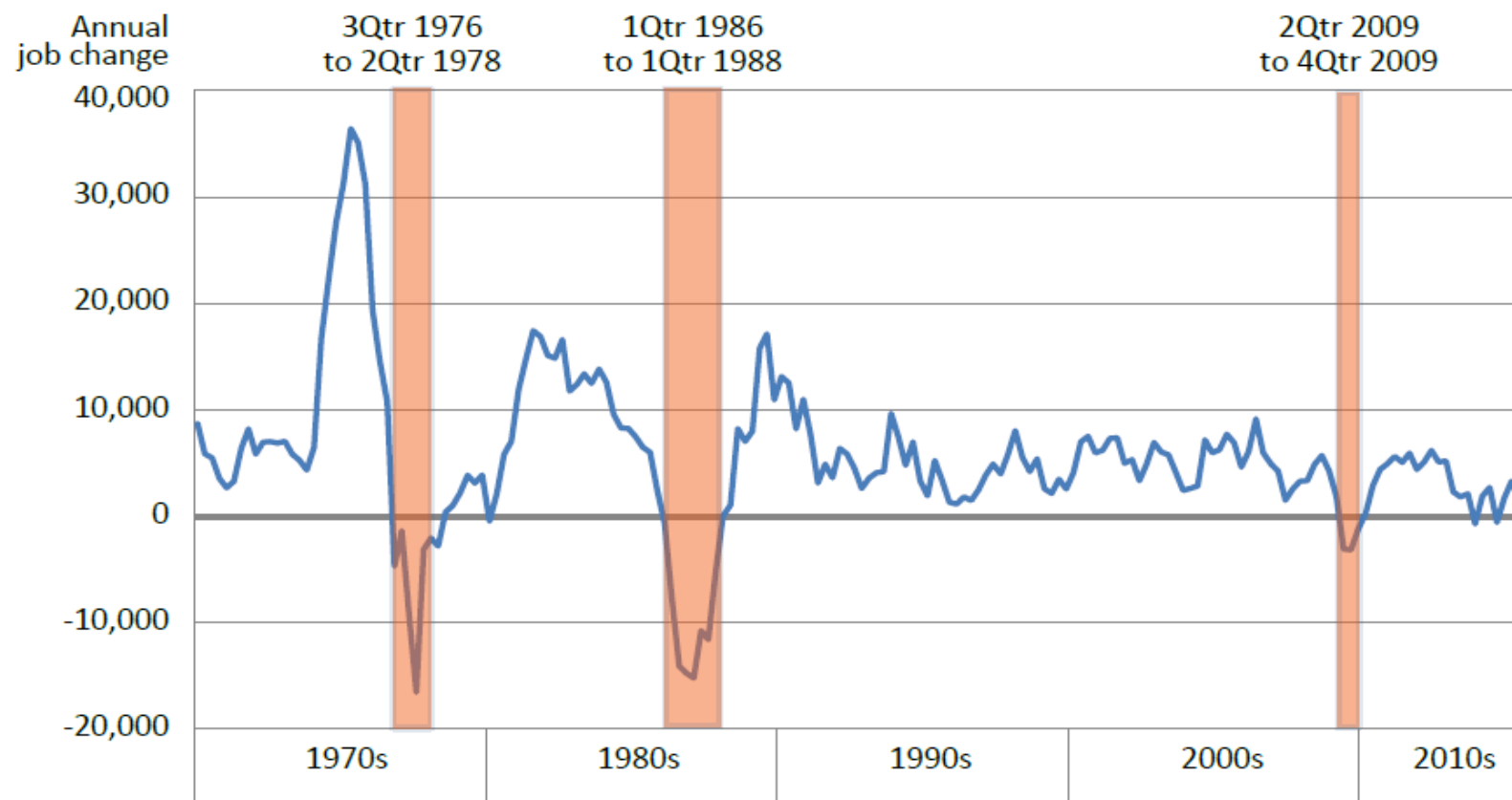




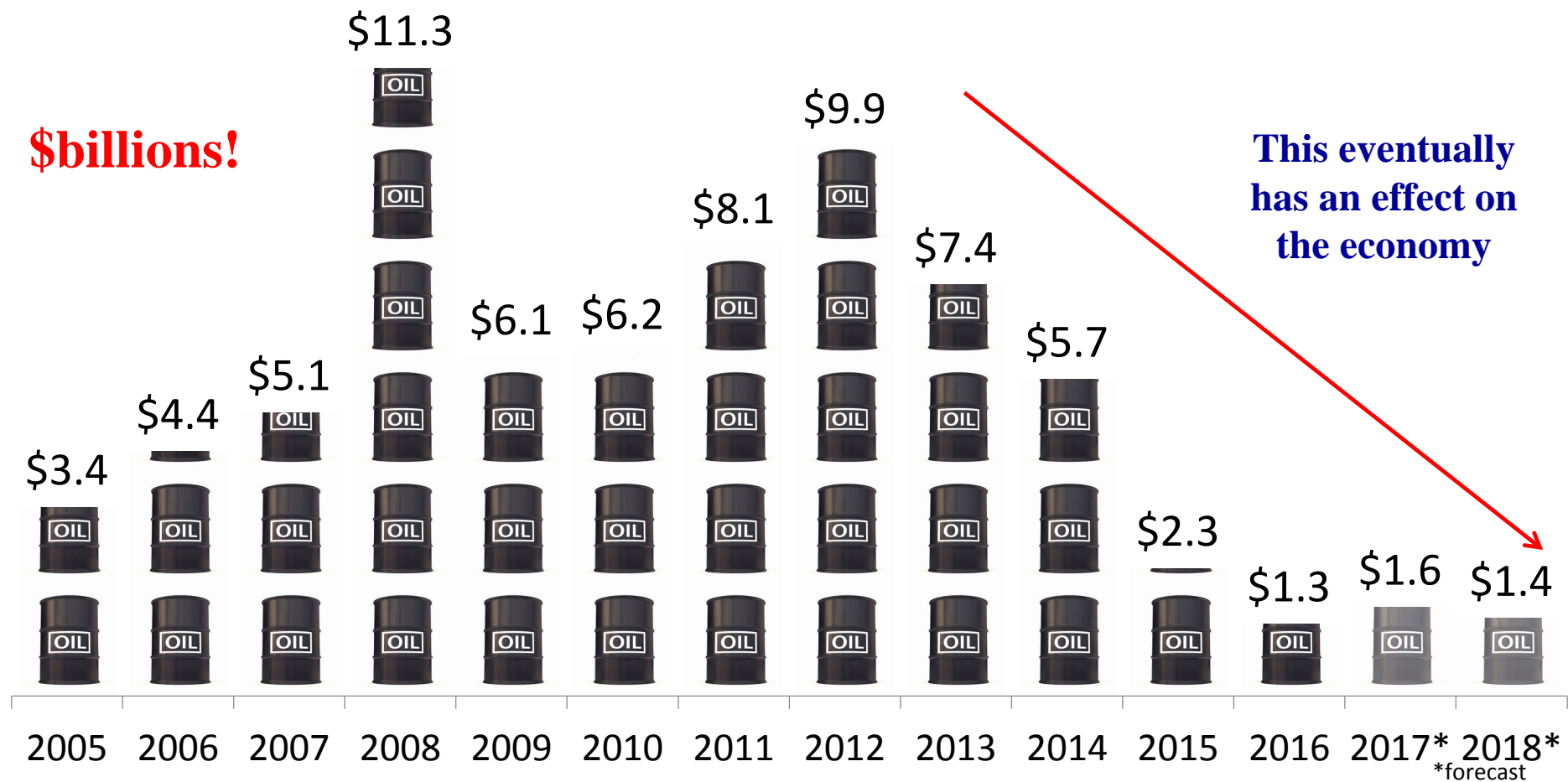
# FANTASTIC IDATA

AND WHERE  
TO FIND THEM

# Alaska recessions since the '70s



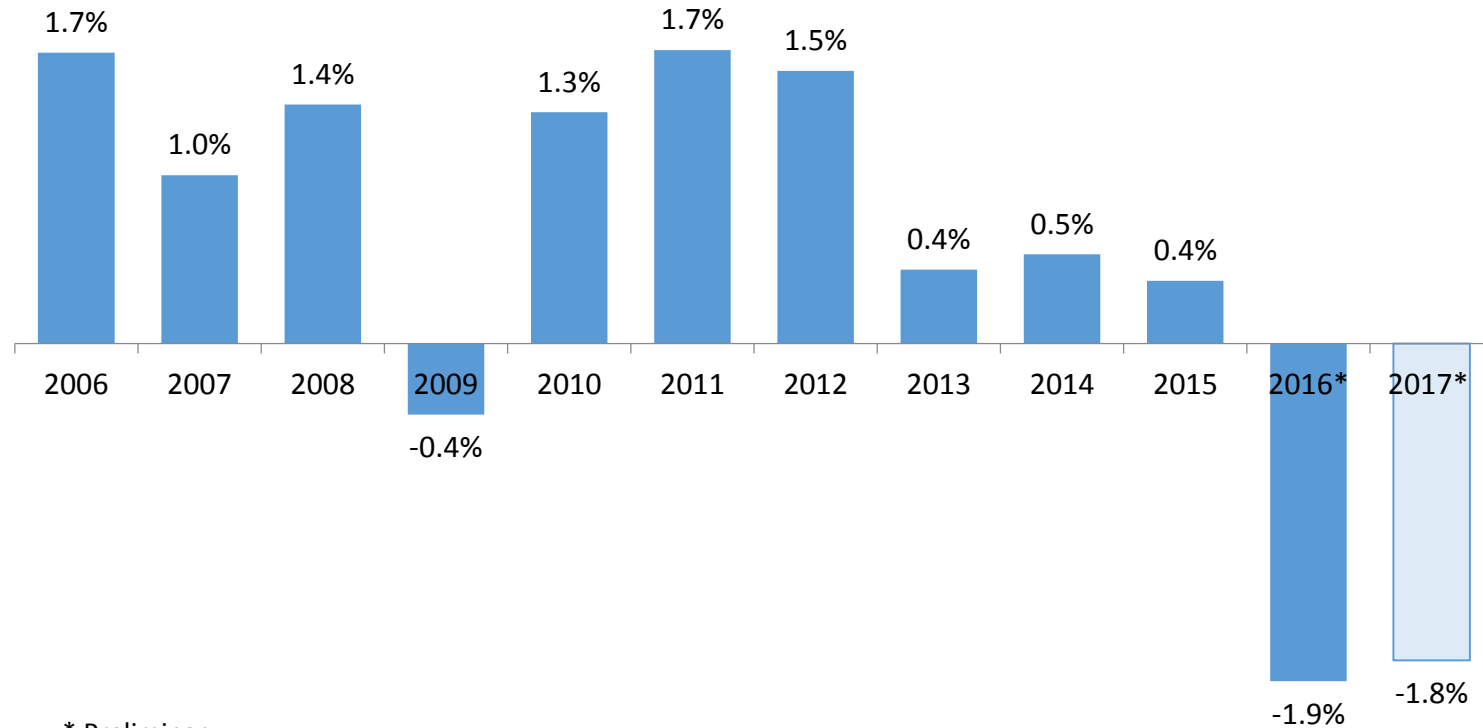
# Alaska's recession was kick started by low oil revenues



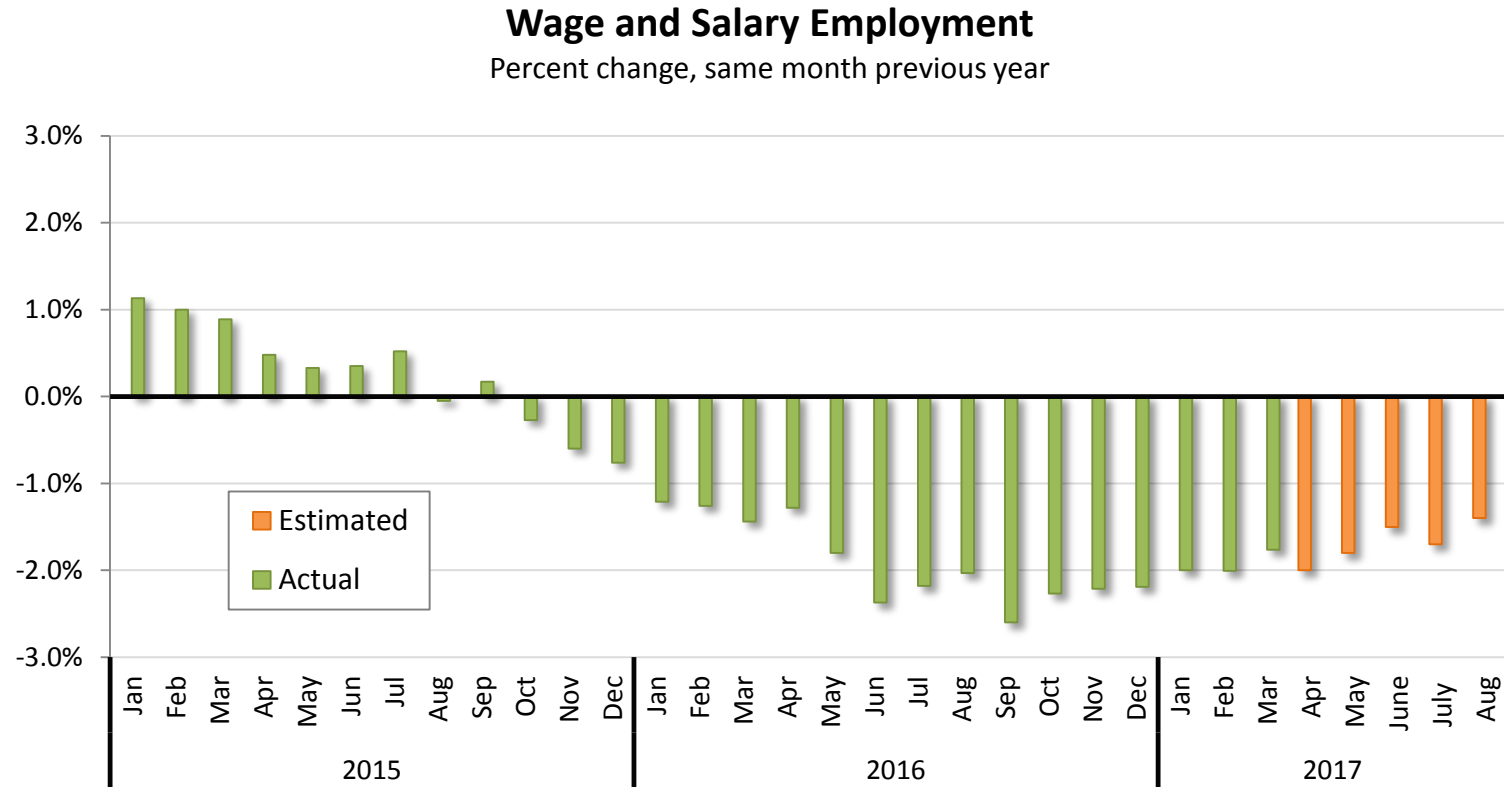
# What's happening with jobs?

---

## Alaska Employment Growth, 2006 to 2017



# Deepest losses were in 2016



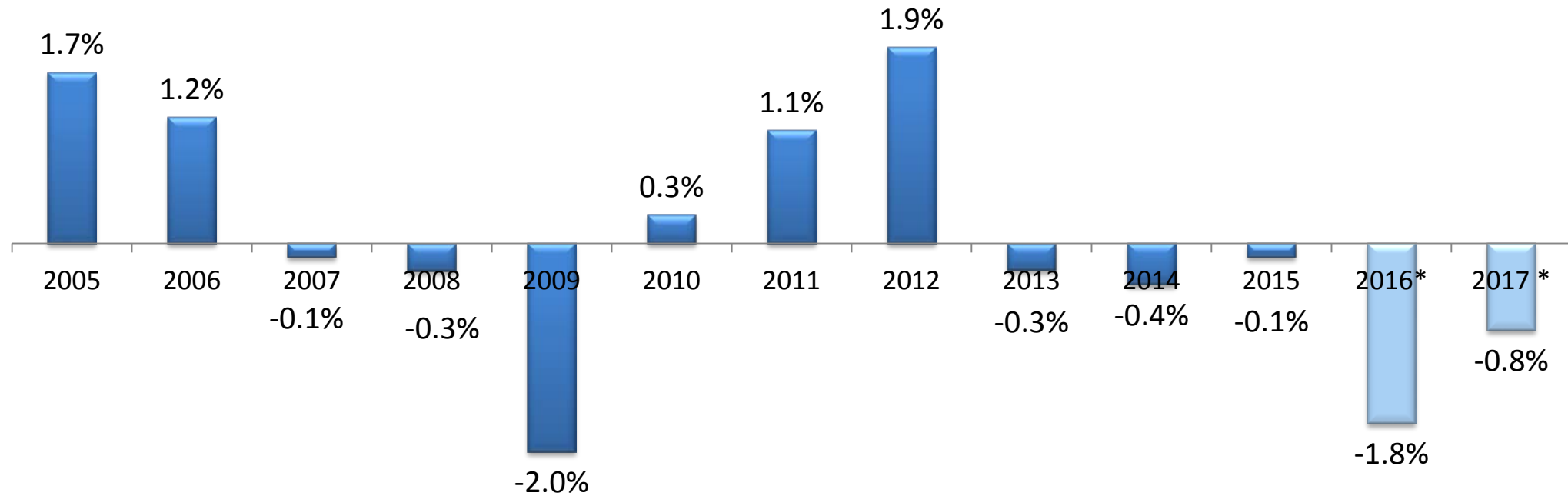
Note: Actual employment counts through 2016 are from the benchmarked Current Employment Statistics and Quarterly Census of Employment and Wages employment series. Estimated employment counts from 2017 are based on a forecast of the Quarterly Census of Employment and Wages series.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section



# More years of loss than gain for Southeast

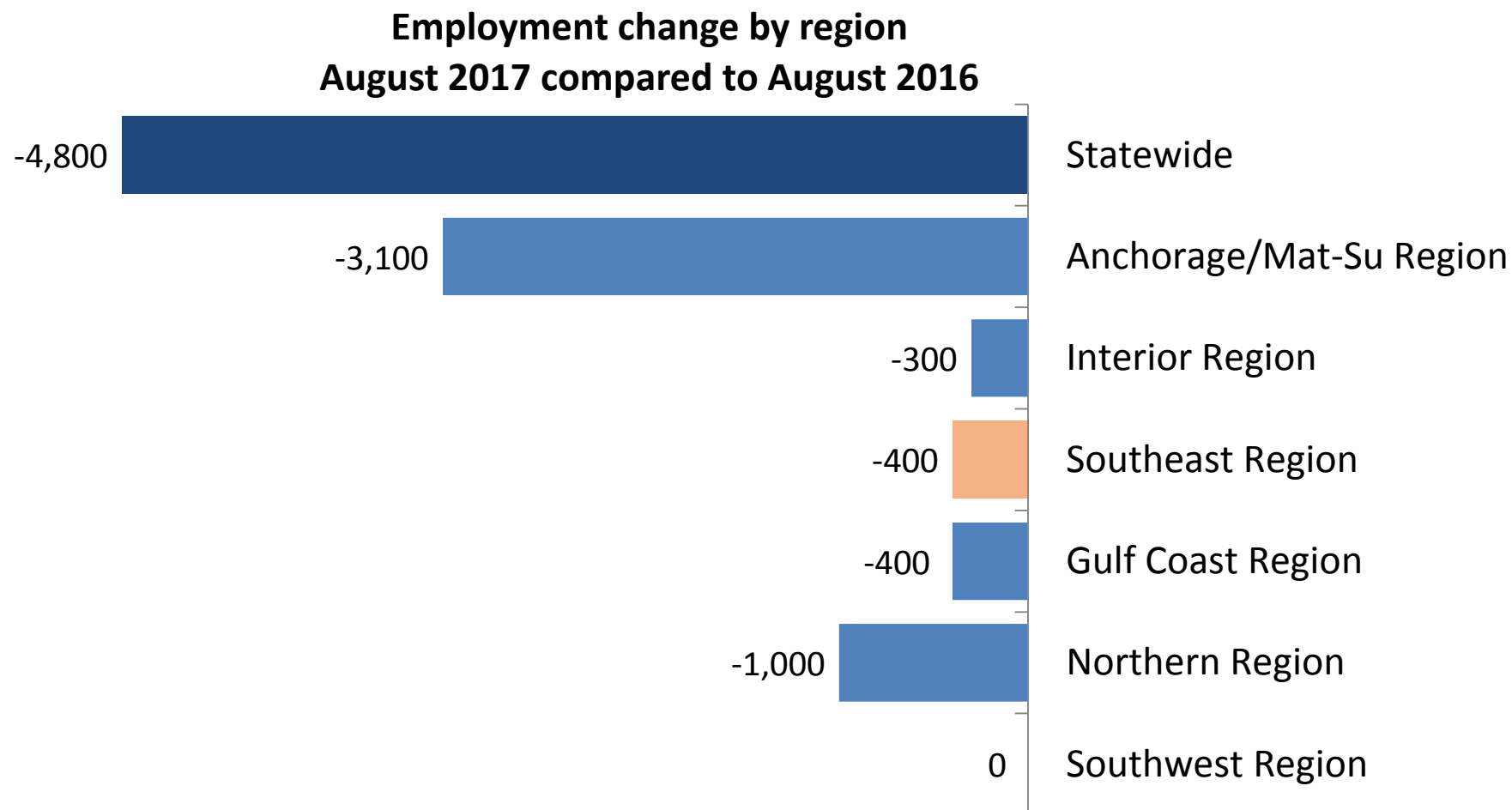
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\*Preliminary

# State losses by industry

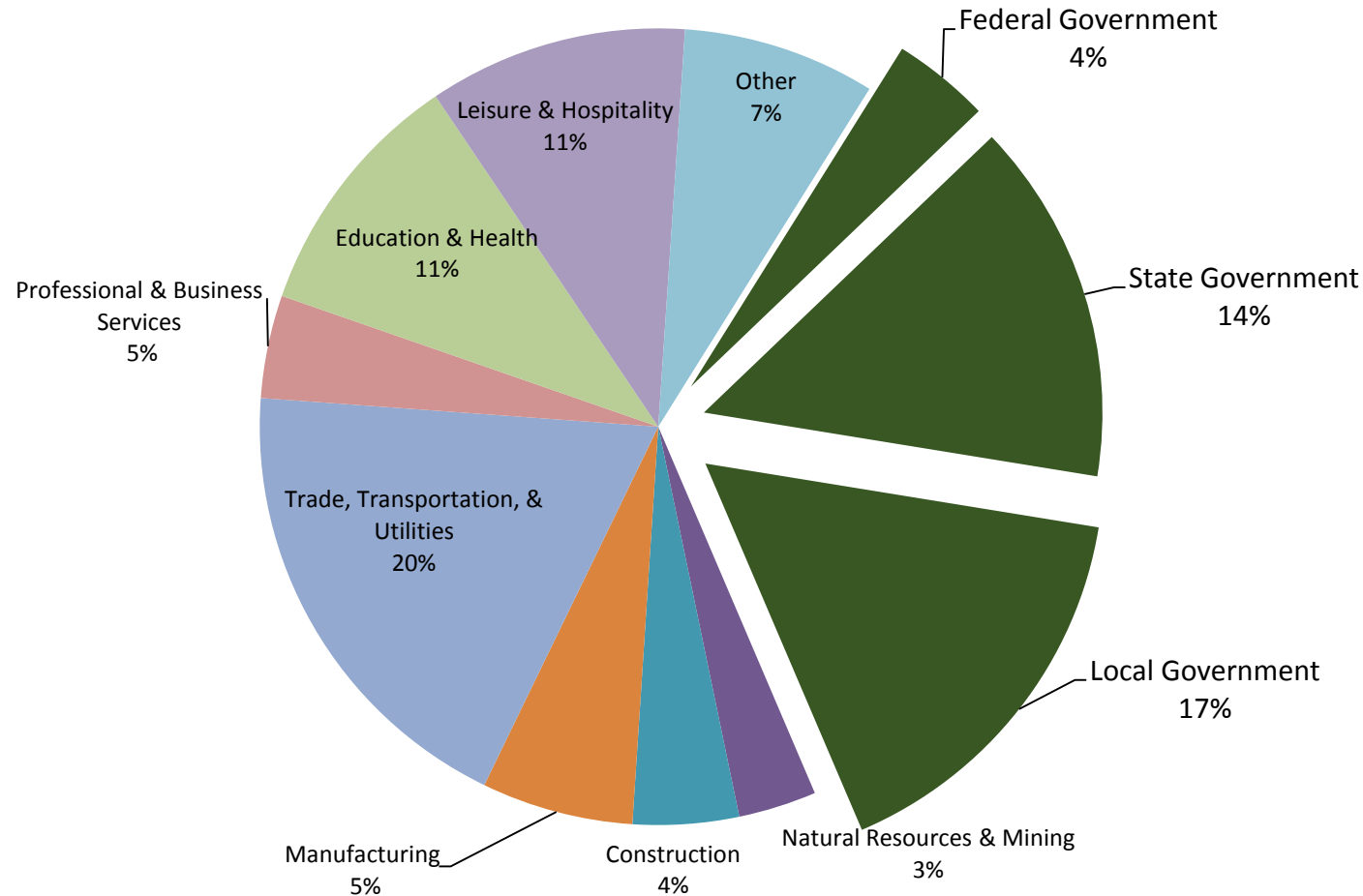
---





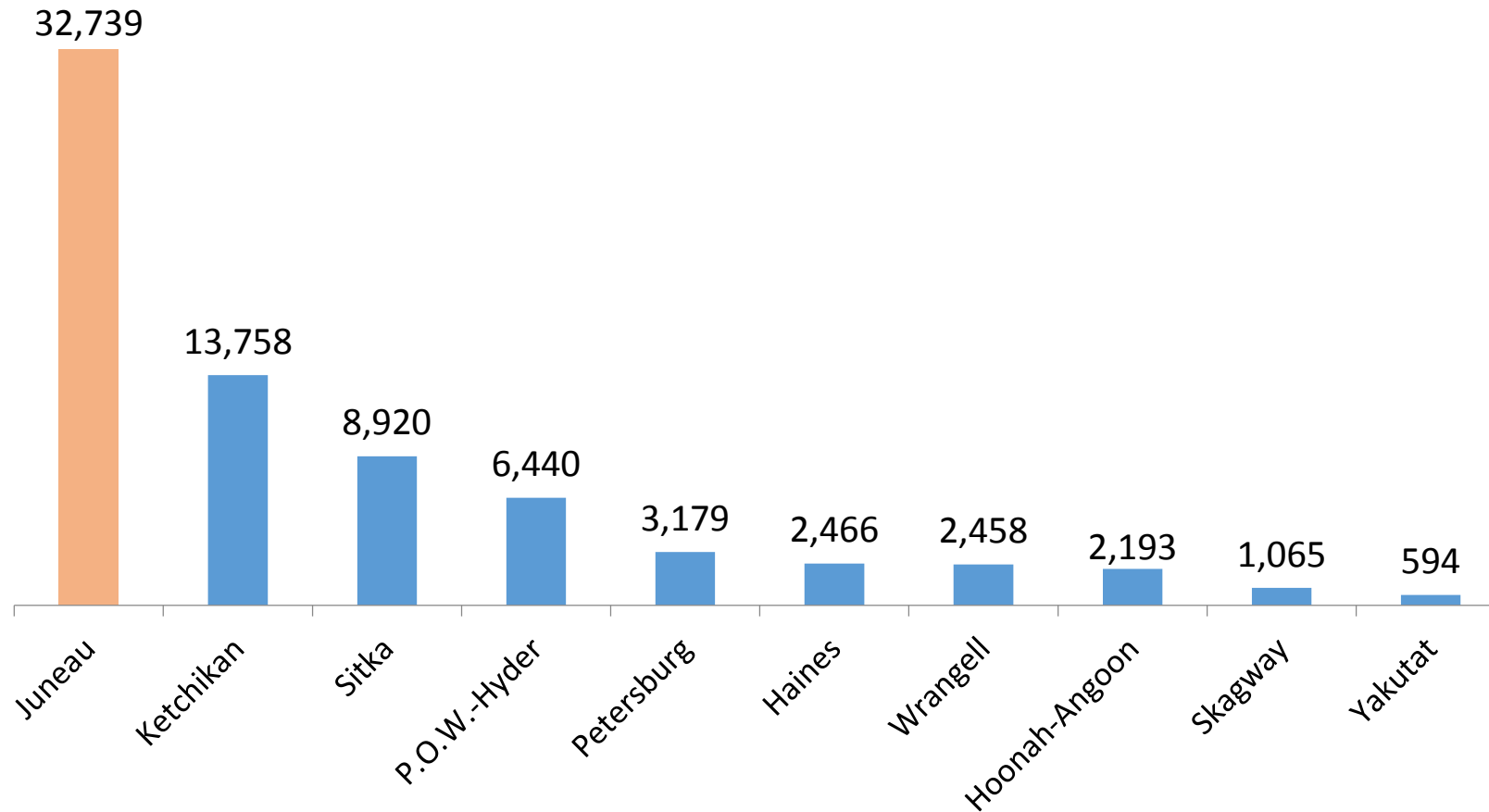
# A third of Southeast's jobs are in government

---



# Juneau has about half region's population

---



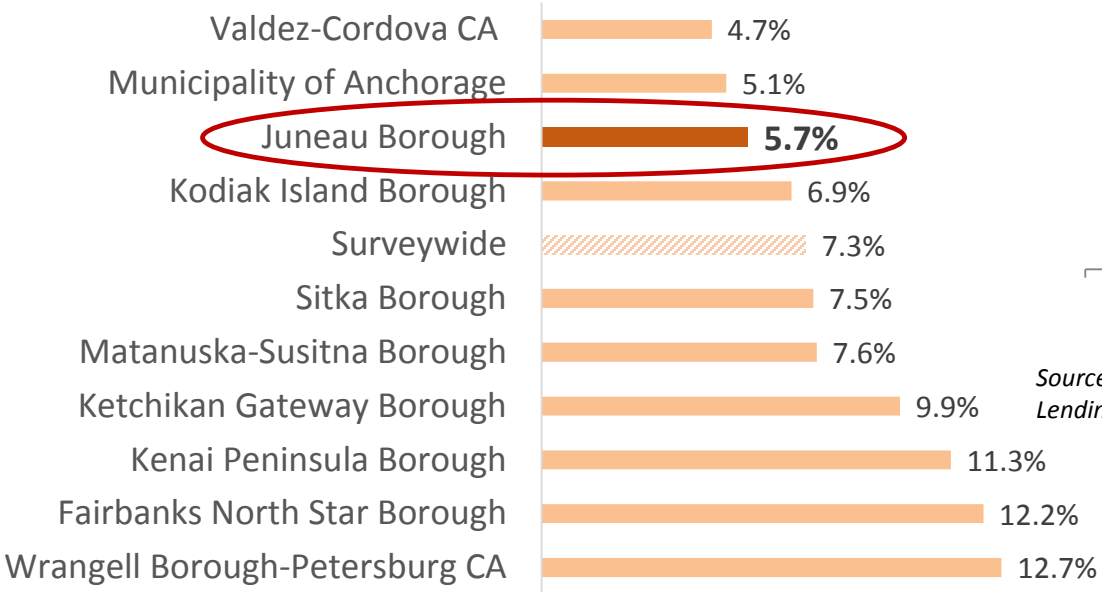
# Juneau has been losing jobs for several years

---

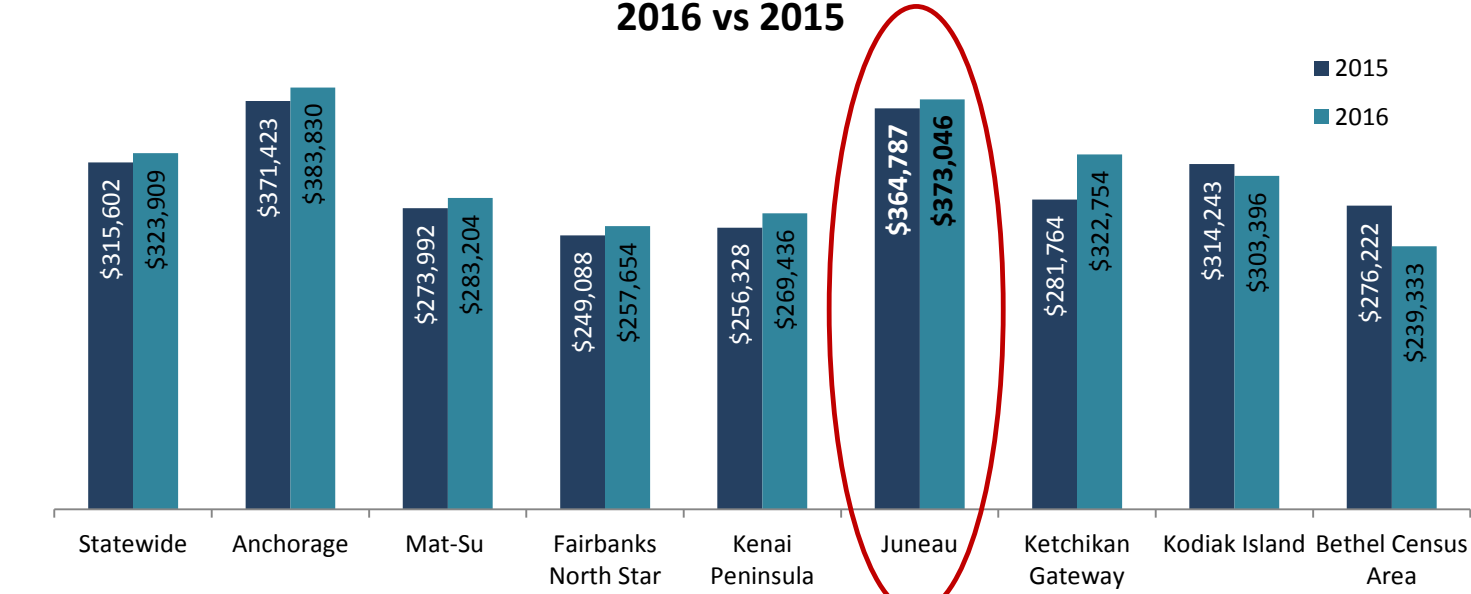


# A relatively expensive place to rent or buy

vacancy by area



Single-Family Average Sales Prices  
2016 vs 2015

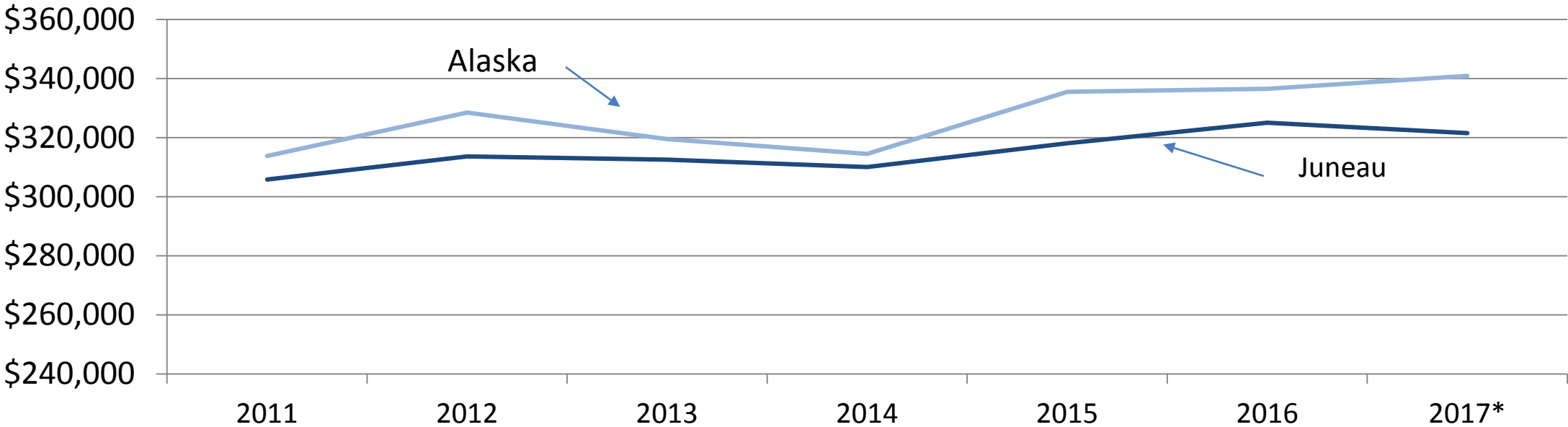


Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section, Quarterly Survey of Mortgage Lending Activity

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section and the Alaska Housing Finance Corporation; Annual Residential Rental Survey

# Juneau home prices are not falling

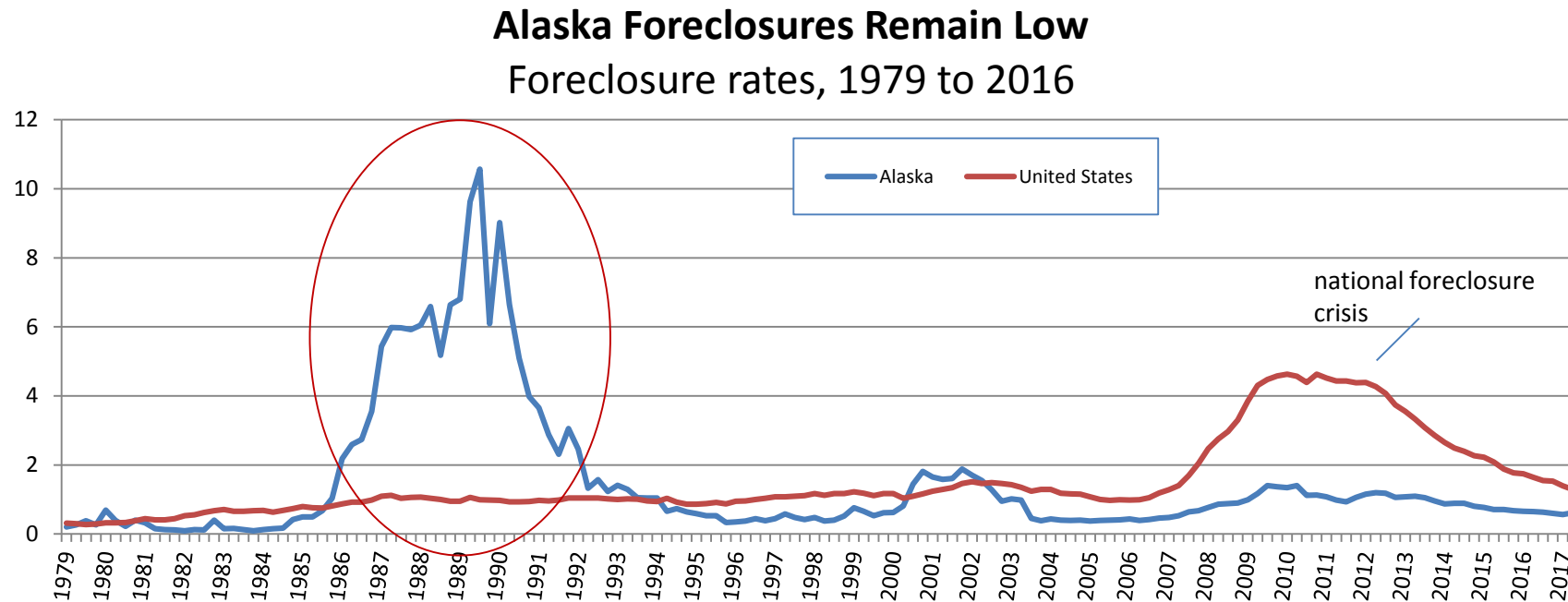
Average Single-Family Sales Prices in 2017 Dollars



Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section, Quarterly Survey of Mortgage Lending Activity; National Association of Realtors \* Preliminary

# The reason Alaskans get jittery about recessions and housing

---



Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section; Mortgage Brokers Association

# We have data. Great data. The best data.

---

## Jobs

- A full count, but a bit of a lag
- An estimate, but available now!

## Wages

- A full count of wages and salary earnings for workers covered by unemployment insurance
- Hourly wage by occupation

## Workers

- different than jobs, workers are people and can hold more than one job



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**Research and Analysis**

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& Census

Wages

Employers

Resident  
HireUnemployment  
DataIndustry  
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SafetyCost of Living  
& Housing  
InformationTraining  
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Regional  
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& Manuals

State of Alaska &gt; Department of Labor &gt; Research &amp; Analysis Home &gt; Worker Counts Home

[About these data](#)

Choose another area

OR

Choose an occupation

**Alaska Workers, Alaska**

Downloadable text file – PDF

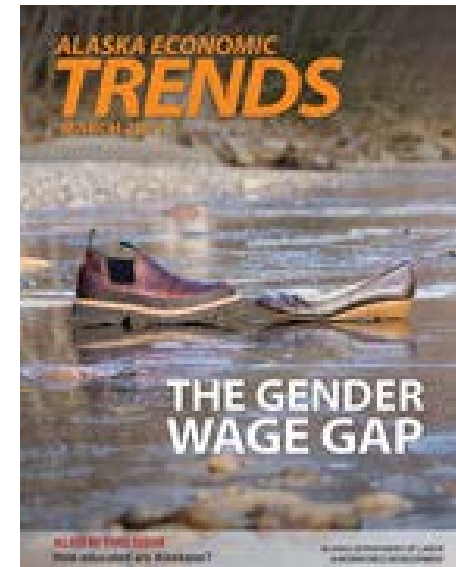
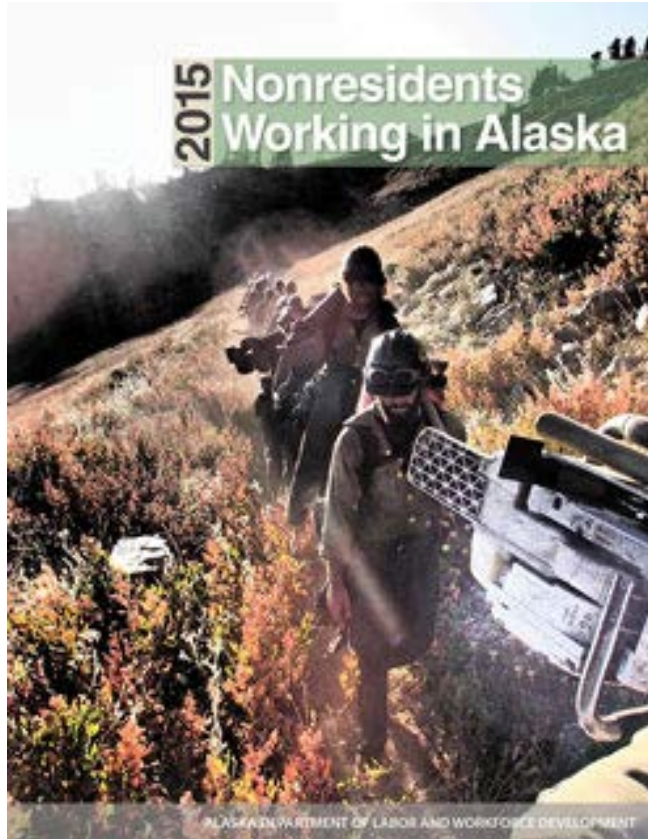
2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001

**2016 – Alaska**

SOC	Occupational Title	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Annual Count	Total Wages*
13-2011	Accountants and Auditors	1,815	1,820	1,806	1,773	2,235	121,935,125
27-2011	Actors	120	192	121	88	340	1,522,140
15-2011	Actuaries	6	6	6	5	6	525,360
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	45	44	44	39	48	-
11-3011	Administrative Services Managers	1,196	1,203	1,273	1,209	1,689	72,406,524
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	196	210	207	196	269	6,802,158
11-2011	Advertising and Promotions Managers	157	155	139	133	213	8,696,397
41-3011	Advertising Sales Agents	333	354	323	295	543	13,223,962
17-3021	Aerospace Engineering and Operations Technicians	66	71	53	65	93	5,800,373
17-2011	Aerospace Engineers	35	39	38	37	45	-
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	13	12	11	14	18	953,867
19-4011	Agricultural and Food Science Technicians	7	9	13	9	14	-
17-2021	Agricultural Engineers	3	4	3	5	5	-
45-2091	Agricultural Equipment Operators	9	18	19	12	27	364,127
45-2011	Agricultural Inspectors	42	96	14	9	107	-
25-1041	Agricultural Sciences Teachers, Postsecondary	42	47	43	38	49	-
45-2099	Agricultural Workers, All Other	174	275	300	174	429	4,816,911
53-2021	Air Traffic Controllers	24	24	22	24	33	-
53-1011	Aircraft Cargo Handling Supervisors	161	162	158	154	218	6,387,711

# We do things with the data

---



# We forecast.....

---

What occupations will be hot in 10 years?

The ones in health care, management, construction, and extraction

What occupations should you avoid?

Media related (reporters, radio & TV announcers) & legal services

What industries will grow?

Healthcare & leisure and hospitality

What industries are stalling out or shrinking?

A lot depends on oil and state government spending...

What will next year's jobs situation look like?

We aren't sure yet, but we are working on it.



State of Alaska myAlaska My Government Resident Business in Alaska Visiting Alaska State Employees

Department of Labor and Workforce Development

# Research and Analysis

search

Labor & Workforce Development State of Alaska

Population & Census Wages Employers Resident Hire Unemployment Data **Industry Information** **Occupational Information** Workplace Safety Cost of Living & Housing Information Training Information Local & Regional Information **Publications & Manuals**

State of Alaska > Department of Labor > Research & Analysis Home > Industry Employment Forecast



Job Seekers Workers Employers Researchers Labor Shortcuts Search Alaska Department of Labor and Workforce Development find

## Labor and Workforce Development

State of Alaska > DOLWD > Alaska Economic Trends

### 2017 Alaska Economic Trends

Alaska Economic Trends is a monthly magazine that covers a broad range of economic issues.

Click here to sign up for a free electronic subscription.

Click here for a paid print subscription.

Alaska Economic Trends are searchable from 1978 to the present using the [Trends search page](#). The search can include any combination of the title or subtitle, date or date range, author, or full text.

October 2017

**Job Turnover**

One way to describe job turnover is the flow of workers in and out of a business. One of the reasons this matters is that it creates costs, both in lost sales or productivity while a position is vacant and also in recruitment and training of new workers. Another reason is it tends to create disruptions in the delivery of an employer's goods or services.

**October 2017 Trends**

September 2017

**The Mat-Su Economy**

For decades, the Matanuska-Susitna Borough has been the state's hot spot for growth. Between 2010 and 2016, its population grew by 15 percent while the state as a whole grew by 4 percent and nearby Anchorage by just 2 percent.

The borough has also long led the state for new home construction. In 2016, nearly half of Alaska's new housing units were built in Mat-Su.

**September 2017 Trends**



#### Quick Links...

- Research and Analysis
- Trends Article Index
- 2017 Trends Archive
- 2016 Trends Archive
- 2015 Trends Archive
- 2014 Trends Archive
- 2013 Trends Archive
- 2012 Trends Archive
- 2011 Trends Archive
- 2010 Trends Archive
- 2009 Trends Archive
- 2008 Trends Archive
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- 2000 Trends Archive
- 1999 Trends Archive
- 1998 Trends Archive
- 1997 Trends Archive
- 1996 Trends Archive
- 1995 Trends Archive
- 1994 Trends Archive

Decades of research!



# We analyze....

---

How many people work in Alaska?

422,850

How many of them are nonresident's?

21.3% or about 90 thousand

Do they make more money than us?

Sometimes by the quarter, but general not by the year

What are they doing?

A lot of seafood processing and tourism, but they are everywhere

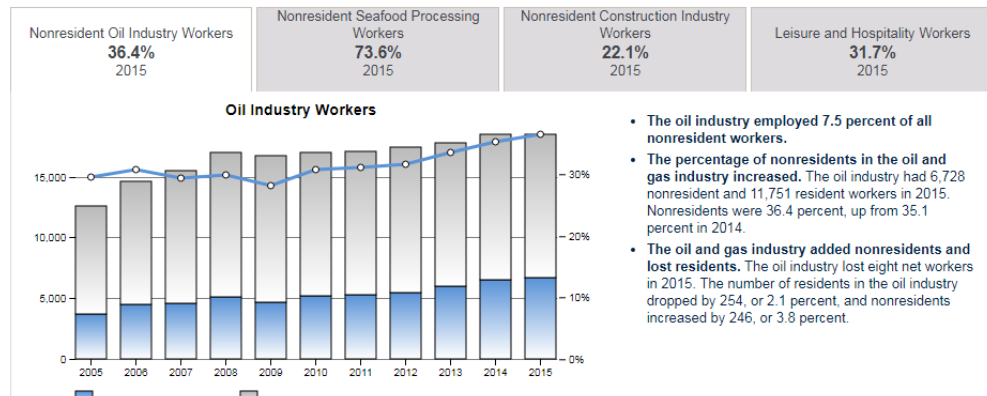
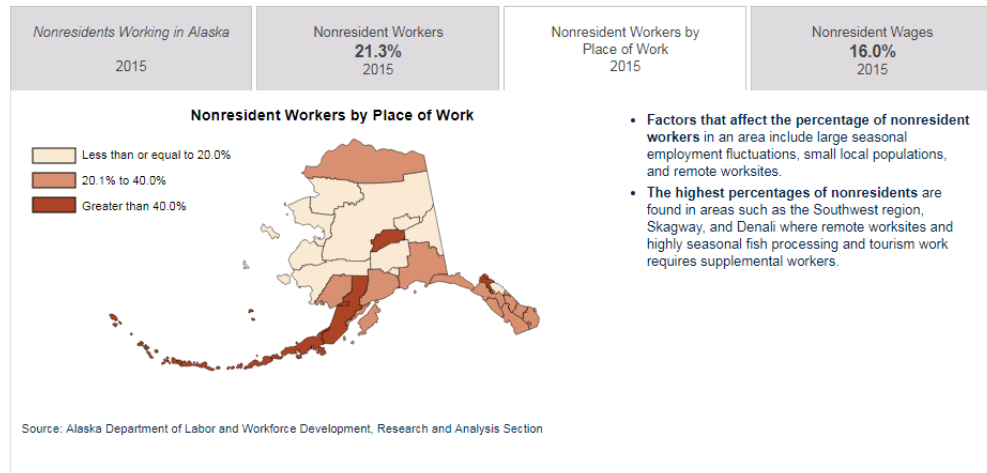
Do Alaskan women earn as much as men?

Nope, about 68 cents on the dollar

Is the gap shrinkng?

Slowly

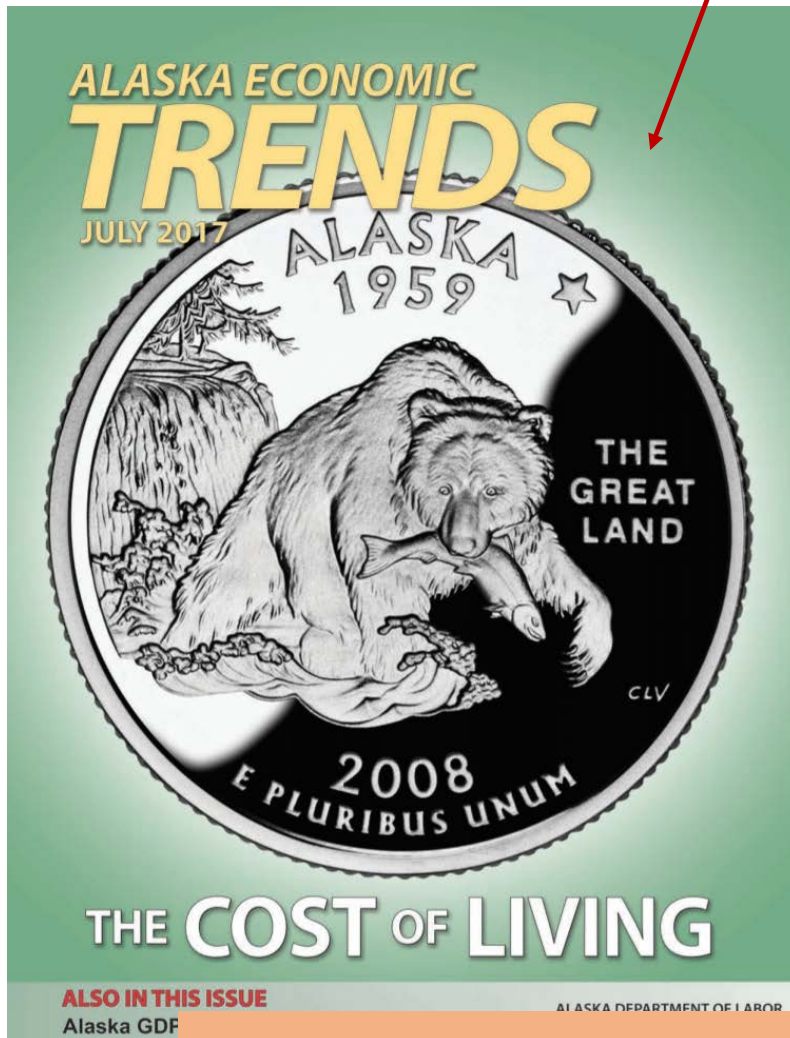




# We have cost of living data

Great for inflation adjustment!

Fun and interesting!



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Department of Labor and Workforce Development  
**Research and Analysis**

Population & Census Wages Employers Resident Hire Unemployment Data Industry Information Occupational Information Workplace Safety **Cost of Living & Housing Information** Training Information Local & Regional Information Publications & Manuals

State of Alaska > Department of Labor > Research & Analysis Home

### Consumer Price Index (CPI)

Consumer Price Index for the Municipality of Anchorage and the U.S.  
Not Seasonally Adjusted – All Items – Urban Consumers  
1960-Present

Note: the percent change is from the same period of the previous year.

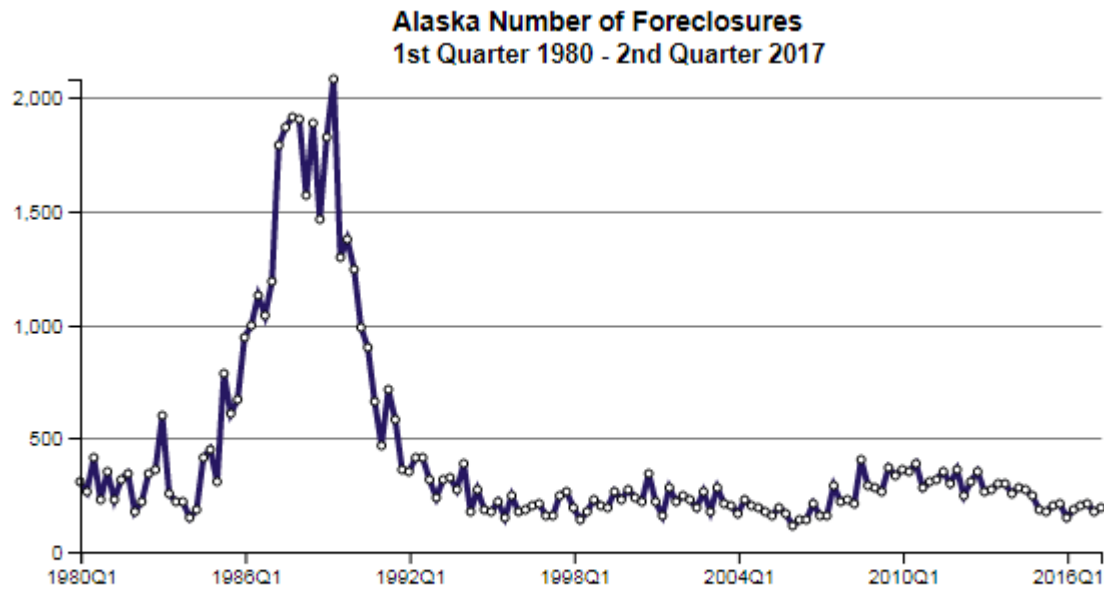
Year	Anchorage						U.S.					
	1st Half	Percent Change	2nd Half	Percent Change	Annual	Percent Change	1st Half	Percent Change	2nd Half	Percent Change	Annual	Percent Change
2017	218.616	0.7					244.076	2.2				
2016	216.999	-0.1	218.660	0.9	217.830	0.4	238.778	1.1	241.237	1.5	240.007	1.3
2015	217.111	1.1	216.706	-0.1	216.909	0.5	236.265	-0.1	237.769	0.3	237.017	0.1
2014	214.777	1.9	216.833	1.4	215.805	1.6	236.384	1.7	237.088	1.5	236.736	1.6
2013	210.853	2.7	213.910	3.5	212.381	3.1	232.366	1.5	233.548	1.4	232.957	1.5
2012	205.215	2.5	208.617	2.0	205.916	2.2	228.850	2.3	230.338	1.8	229.594	2.1
2011	200.278	2.8	202.576	3.6	201.427	3.2	223.598	2.8	226.280	3.5	224.939	3.2
2010	194.834	2.5	195.455	1.0	195.144	1.8	217.535	2.1	218.576	1.2	218.056	1.6
2009	190.032	1.3	193.456	1.1	191.744	1.2	213.139	-0.6	215.935	-0.1	214.537	-0.4
2008	187.859	4.6	191.335	4.5	189.497	4.6	214.429	4.2	216.177	3.4	215.303	3.8
2007	179.394	1.5	183.080	2.9	181.237	2.2	205.709	2.5	208.978	3.1	207.342	2.8
2006	176.700	4.2	177.900	2.2	177.300	3.2	200.600	3.8	202.600	2.6	201.600	3.2
2005	169.600	2.4	174.100	3.8	171.800	3.1	193.200	3.0	197.400	3.8	195.300	3.4
2004	165.600	2.8	167.800	2.4	166.700	2.6	187.600	2.3	190.200	3.0	188.900	2.7
2003	161.100	2.3	163.900	3.1	162.500	2.7	183.300	2.5	184.600	2.0	184.000	2.3
2002	157.500	2.0	159.000	1.9	158.200	1.9	178.900	1.3	180.900	1.9	179.900	1.6

**Additional Links**

- [CPI Home](#)
- [Inflation/Deflation Calculators](#)
- [How percent change is calculated](#)
- [Related Trends Articles](#)
- [Related Links](#)
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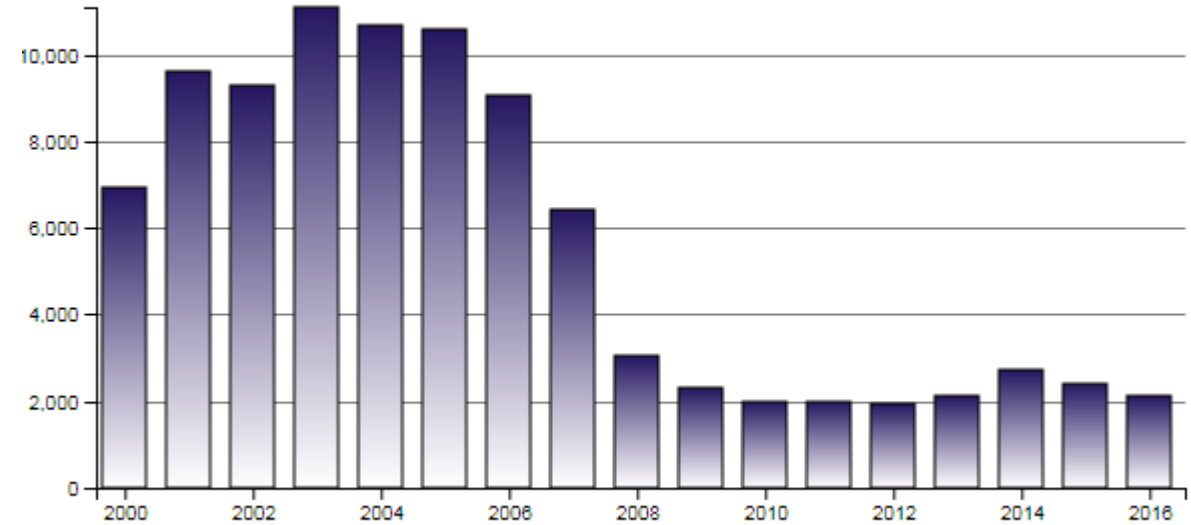


# We have housing data



Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

**Building Activity**  
Alaska statewide 2000 - 2016



Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section



Department of Labor and Workforce Development  
Research and Analysis

search

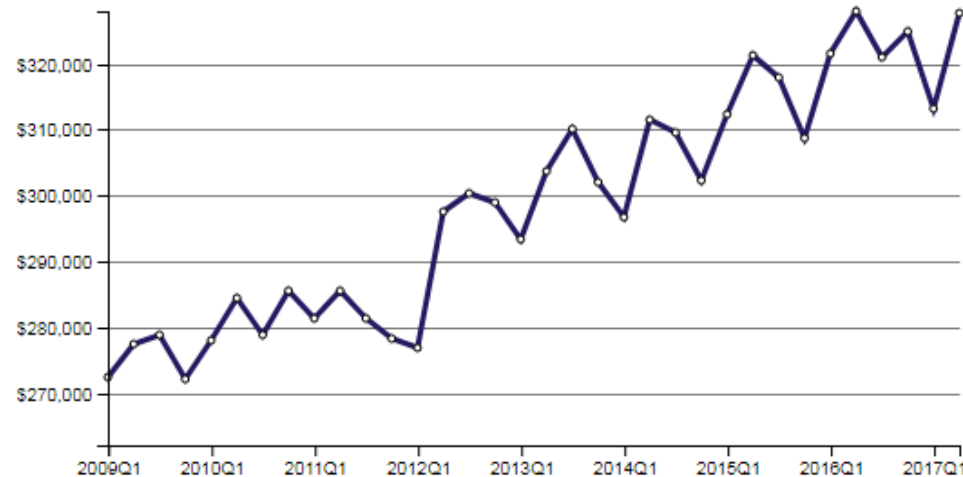
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Wages

Employers

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DataIndustry  
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InformationWorkplace  
SafetyCost of Living  
& Housing  
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& Manuals

State of Alaska &gt; Department of Labor &gt; Research &amp; Analysis Home &gt; Alaska Housing Information

[Loans](#) [Rent](#) [New Housing](#) [Foreclosures](#) [Mortgage Rates](#) [Alaska Housing Finance Corporation](#) [Related Trends Articles](#) [Contact](#) [Subscribe](#) [Survey](#)Average Single-Family Sales Price  
Statewide  
**\$310,681**  
2nd quarter 2017Average Sales Price  
by Area  
2nd quarter 2017Mortgage Interest Rate  
**4.09**  
2nd quarter 2017Number of Foreclosures  
**190**  
2nd quarter 2017Average Sales Price of a Single-Family Home, Statewide  
1st Quarter 2009 - 2nd Quarter 2017

Click here for data:

- All Single-Family
- New Single-Family
- Existing Single-Family
- Refinance Single-Family

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

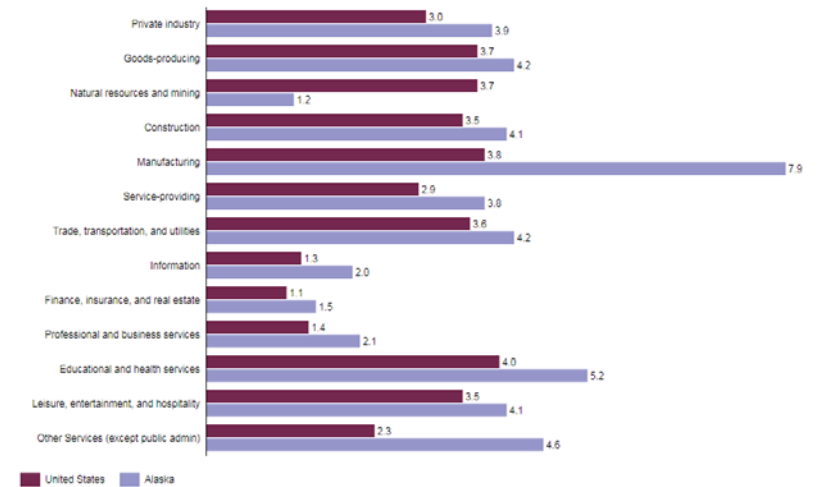
Number of New Housing Units

# What? There's more?

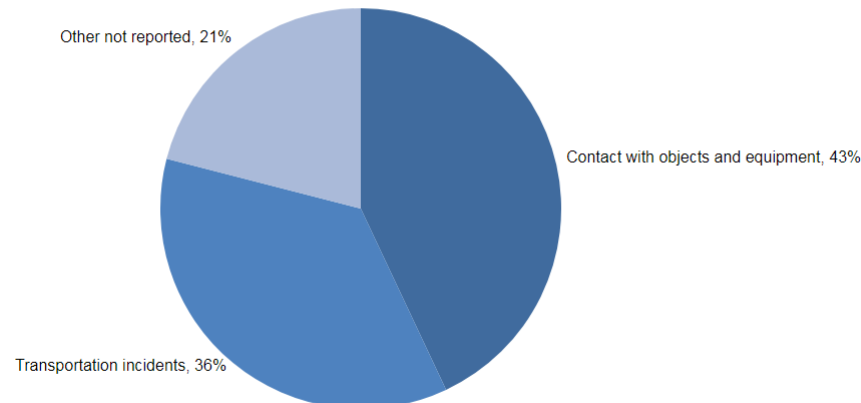
## Who's getting hurt doing what?

- Work hurts
  - A survey of occupational injuries and Illnesses
    - Data by industry
    - Select occupations
    - Demographics
- Sometime work kills
  - Census of fatalities
    - Data by industry
    - Select occupations
    - Type of event

Incidence rates per 100 full-time workers of nonfatal occupational injuries and illnesses, 2015



Workplace fatal injuries by event or exposure, Alaska 2015 (14 total injuries)



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Research and Analysis search☒ Labor & Workforce Development ☐ State of AlaskaPopulation  
& Census

Wages

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State of Alaska &gt; Department of Labor &gt; Research &amp; Analysis Home &gt; Nonfatal Injuries and Illnesses

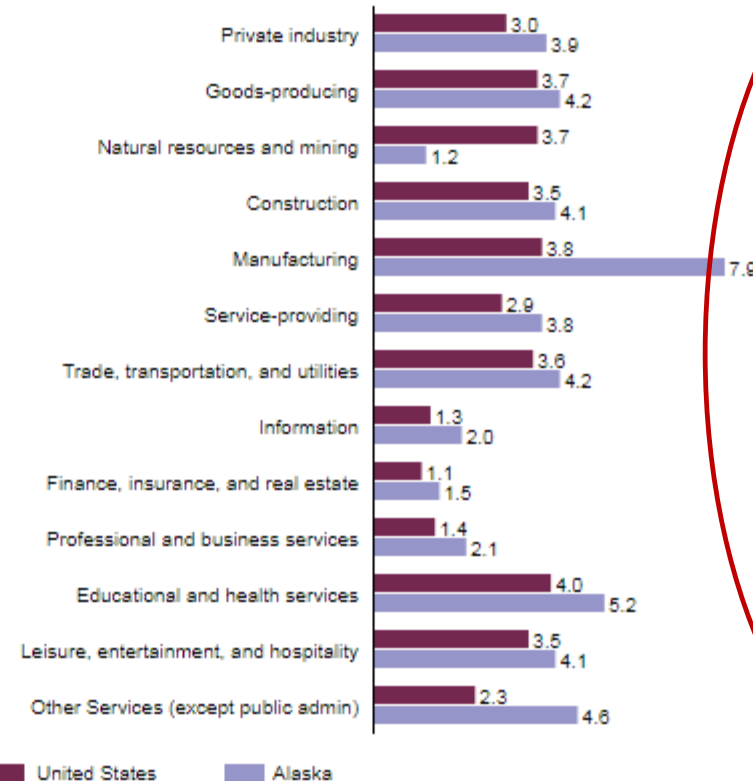
Nonfatal Injuries and Illnesses  
Current Data

## Summary Tables: 2015

- Table 1: Incidence rates of injuries and illnesses by selected industries
- Table 2: Numbers of injuries and illnesses by selected industries
- Table 3: Incidence rates of injuries and illnesses by industry sector and employment size
- Table 4: Incidence rates and number of injuries by selected industries
- Table 5: Incidence rates and number of illnesses by industry sector and category of illness
- Table 6: Incidence rates of injuries and illnesses by industry
- Table 7: Numbers of injuries and illnesses by industry
- Table 8: Incidence rates of illnesses by industry
- Table 9: Numbers of illnesses by industry
- Table 10: Incidence rates and number of injuries by industry
- Table 11: Incidence rates of injuries and illnesses by industry sector

## Case and Demographics Tables: 2015

## Incidence rates per 100 full-time workers of nonfatal occupational injuries and illnesses, 2015



To view a larger image of graph, click on the graph

## Additional Links

[Nonfatal Injuries and Illnesses Home Page](#)[Workplace Fatalities](#)[Historical Data](#)[Related Trends Articles](#)[Related Links](#)[About These Data](#)[Scheduled Release Dates](#)[Contact Information](#) [Subscribe to receive e-mail updates from R&A](#)WE WANT  
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# Have you met ALARI?

Regional, borough, and place level data

---

- Worker Characteristics
- Industries
- Population
- New housing units
- Occupations
- Migration
- Rental information
- Unemployment rate
- 2010 Census data
- And more!



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## Alaska Local and Regional Information

Southeast ▼ go

Juneau City and Borough ▼ go

All Places ▼ go

ALARI faqs

## Juneau, City and Borough of

Choose year(s): ☒ 2016 ☐ 2015 ☐ 2014 ☐ 2013 ☐ 2012 Note: years do not apply to two of the datasets—2010 Census and Population estimates. For these categories the most recent dataset is displayed regardless of year(s) chosen.

Choose dataset(s):

☒ Worker characteristics☒ Occupations☒ Industries☒ Unemployment rate☒ Population estimates☒ Rental information☒ New housing units☒ Tax☒ Property value☒ 2010 Census☒ Migration

clear all

select all

next &gt;&gt;

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Research & Analysis Section  
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P.O. Box 115501, Juneau, AK 99811-5501  
Phone: 907.465.4500 || Fax: 907.523.9654

## Juneau, City and Borough of

[Large Map](#)

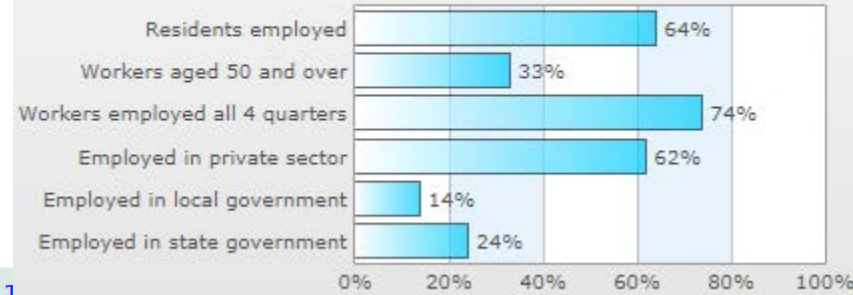
Juneau City and Borough is the largest city in Southeast Alaska and the third largest in the state. It is the state capital and relies heavily on government employment. Juneau is a transportation hub and a regional service center for the area.



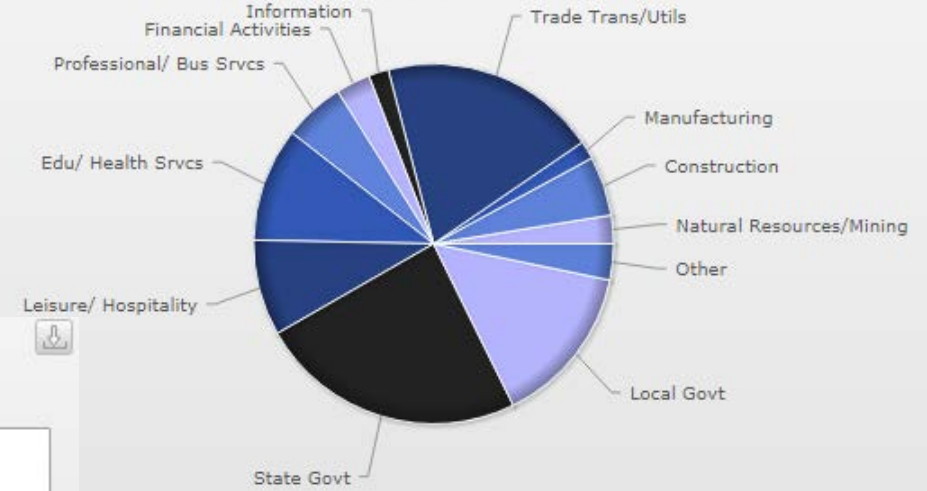
### Alaska Economic Trends Articles

Juneau's Housing Market, More zero lot lines and duplexes, buildable land at a premium (June 2015)  
 Juneau Neighborhoods, Alaska's capital is home to discrete areas with their own identities (February 2015)  
 Juneau at a Glance, Government and natural resources buoy capital city (April 2011)  
 City & Borough of Juneau (July 1996)  
 City and Borough of Juneau (October 1993)  
 Juneau: Alaska's Seat of Government (June 1990)  
 Juneau 1972 to 1982: Growth amid Uncertainty (January 1984)  
 Juneau (February 1978)  
 Juneau, Accent on Diversification (October 1976)  
 Juneau's Economy, Healthy and growing (August 1973)

### 2016 Resident Worker Percentages



### 2016 Resident Workers by Industry

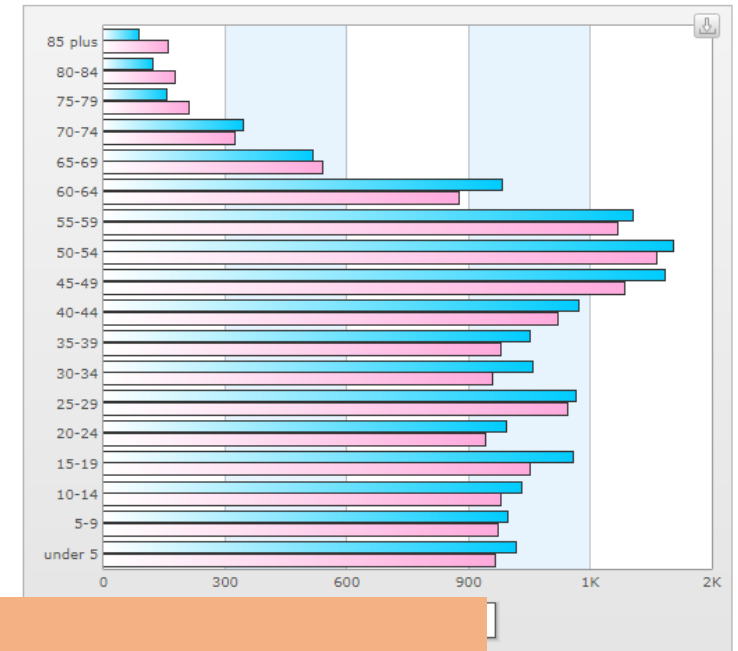


### Rental Information [\(Rent text file of all years, 1](#)

#### 2016 Rental Costs and Vacancy Rates

	Contract average	Adjusted average	Contract median	Adjusted median	Vacancy rate
<b>Single-Family</b>					
1 bedrooms	1,007	1,177	983	1,172	0.0%
2 bedrooms	1,479	1,752	1,523	1,808	0.0%
3 bedrooms	1,720	2,108	1,700	2,004	5.4%
4 bedrooms	2,289	2,693	2,400	2,568	0.0%
All units	1,507	1,801	1,500	1,843	2.2%
<b>Apartment</b>					
0 bedrooms	931	986	1,060	1,094	2.8%
1 bedrooms	1,014	1,105	950	1,100	2.5%
2 bedrooms	1,218	1,381	1,200	1,388	3.7%
3 bedrooms	1,661	1,895	1,600	1,925	3.4%
All units	1,156	1,286	1,100	1,238	3.1%
<b>All Units</b>					
All units					

### Age and Sex





“That’s all great, but how can I find the data?”

---



# Google it...or call me.

---



Alaska research and analysis

Google Search

I'm Feeling Lucky

Karinne Wiebold, Economist, DOLWD, Research and Analysis

[karinne.wiebold@alaska.gov](mailto:karinne.wiebold@alaska.gov)

907.465.6039

[laborstats.alaska.gov](http://laborstats.alaska.gov)