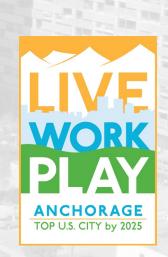
2019 AEDC 3-Year Outlook





2019 Q2 Real-Time Jobs Intelligence Report



Compiled by:





Total online job postings

total job posts in second quarter

9,777 job titles posted

3,234 employers posting jobs

620 different occupations represented

297 different certifications sought





Top 10 openings by occupation

Most common job listings

- 1. Retail Salespersons
- 2. Secretaries and Administrative Assistants, Except Legal, Medical and Executive
- 3. Registered Nurses
- 4. Social and Human Service Assistants
- 5. First-Line Supervisors of Retail Sales Workers
- **6.** Customer Service Representatives
- 7. Computer User Support Specialists
- 8. Laborers and Freight, Stock, and Material Movers, Hand
- 9. Maintenance and Repair Workers, General
- 10. Combined Food Preparation and Serving Workers, Including Fast Food





Top 10 employers in Anchorage

Employers with the highest number of job openings

- 1. Providence Health & Services
- 2. The University of Alaska
- 3. HCA
- 4. Municipality of Anchorage
- 5. Workplace Alaska
- 6. Alaska Native Tribal Health Consortium
- 7. Southcentral Foundation
- Carrs Quality Center
- 9. State of Alaska
- 10. Aramark Food and Support Services Group Inc





Top 10 sought-after certificates

Most frequently requested certificates in job postings

- 1. Driver's License
- 2. Basic Life Support (BLS)
- 3. Certification in Cardiopulmonary Resuscitation (CPR)
- 4. Advanced Cardiac Life Support Certification (ACLS)
- 5. Secret Clearance
- 6. Registered Nurse
- 7. First Aid Certification
- 8. Commercial Drivers License (CDL)
- 9. Certified Nursing Assistance (CNA)
- 10. Pediatric Advanced Life Support (PALS)





KeyBank



Top 10 sought-after hard skills

Most frequently requested hard skills in job postings

- 1. Microsoft Excel
- 2. Microsoft Office
- 3. Microsoft Word
- 4. Microsoft Outlook
- 5. Ability to Lift 41-50 Pounds
- 6. Ability to Lift 51-100 Pounds
- 7. Teaching/ Training, Job
- 8. Personal Computers
- 9. Cash Handling
- 10. Keyboarding/Typing

Top 10 sought-after soft skills

Most frequently requested soft skills in job postings

- 1. Communications (Verbal and Written)
- 2. Customer Service
- 3. Cooperative/Team Player
- 4. Self-Motivated/Ability to Work Independently/Self Leadership
- 5. Organization
- 6. Detail Orientated/Meticulous
- 7. Adaptability/Flexibility/Tolerance of Change and Uncertainty
- 8. Accountable/Responsible/Reliable/Dependable/Trustworthy
- 9. Supervision/Management
- 10. Interpersonal Relationships/Maintain Relationships







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Data source



2019 Mid-Year JOBS UPDATE



-900 JOBS

-0.9% Decline

5.5% AVG. UNEMPLOYMENT

2019 JOBS through June

-100 JOBS
-0.1% DECLINE

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5.5% YTD Unemployment

Co-Sponsored by:





+600 Construction

+200 Food Services

+100 Health Care

+100 Oil & Gas

+100 Wholesale Trade

+100 Manufacturing

+100 Accommodations

Co-Sponsored by:





FLAT

Transportation

Professional & Business Services

- -400 Retail
- -300 Local Government
- -200 Information
- -200 Other Services
- -100 Financial Activities
- -100 Federal Government
- -100 State Government
- -100 State Education

Co-Sponsored by:





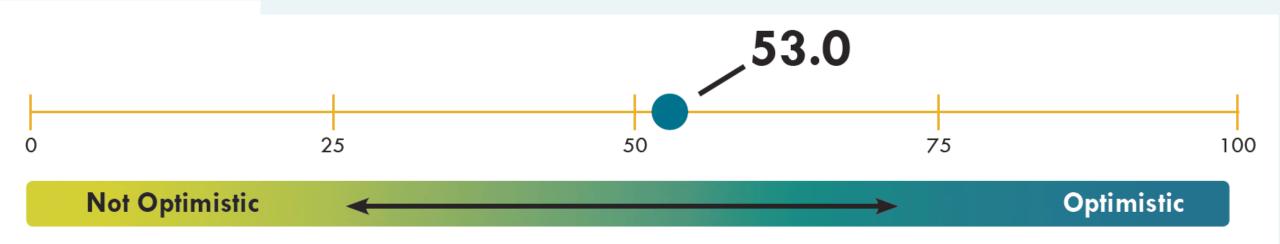
2019 Q2

Anchorage Consumer Optimism Index

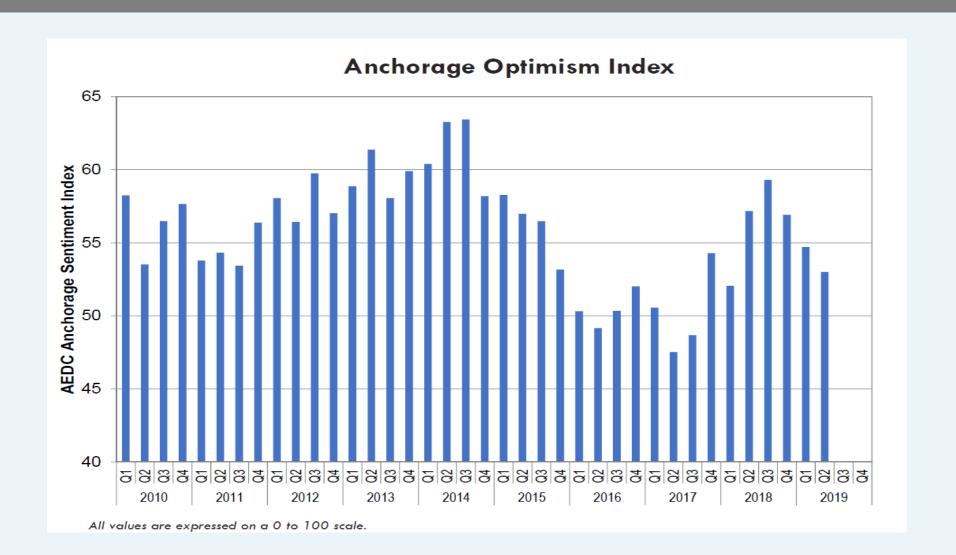




Anchorage Consumer Optimism Index 2019 Q2



Anchorage Consumer Optimism Index 2010-2019

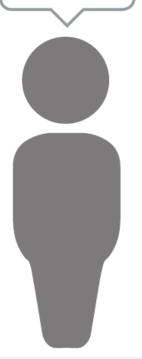


Anchorage Consumer Optimism Index

LOCAL ECONOMY CONFIDENCE - 50.8 OUT OF 100

50.8

On a scale from 1 to 5, how would you rate current economic conditions in your community, where a 5 is very good and a 1 is very bad?



ANCi is composed of three individual components: Local Economy Confidence, Personal Financial Confidence, and Expectations for the Future. Local Economy Confidence, the most direct measure of respondents' feelings about the current state of the Anchorage economy, declined further into uncertainty territory, ending at 50.8.

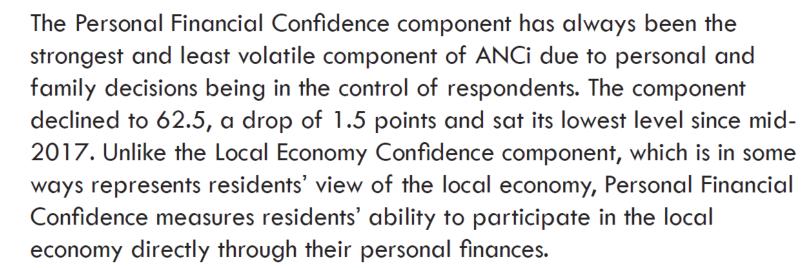
Anchorage Consumer Optimism Index

PERSONAL FINANCIAL CONFIDENCE - 62.5 OUT OF 100





On a scale from 1 to 5, how secure do you feel about your and your family's financial situation, where a 5 is very secure and a 1 is not secure at all? And would you say your and your family's financial situation is getting better, getting worse or staying about the same?



Anchorage Consumer Optimism Index

FUTURE EXPECTATIONS - 49.3 OUT OF 100



Do you think the economy in your community right now is getting better, getting worse, or staying about the same?



ANCi's Expectations of the Future component had the largest point loss, at 2.0 points, to reach a reading of 49.3. This is the lowest reading since 2018 Q1. Residents' expectations for the future are the lowest they have been since the deepest period of job losses for the ongoing recession.

2019 3-Year Outlook

Compiled by:

McDowell GROUP Co-Sponsored by:

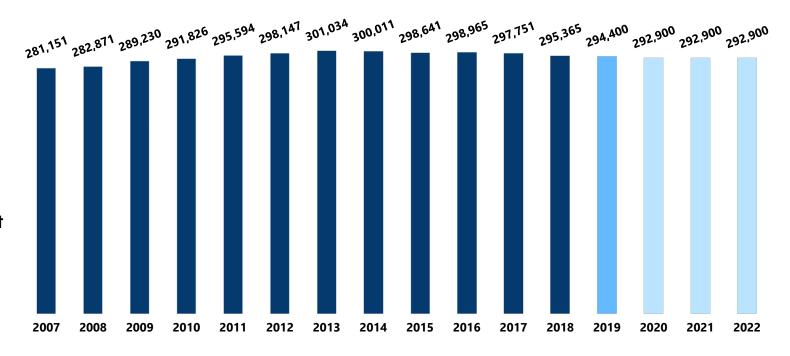




Anchorage Population 2006-2021

- Population losses accelerating, approaching 2010 levels
- Loss of 20,000 to lower-48 over last 5 years, trend likely to continue or accelerate
- Loss of 6,000 to Mat-Su over last
 4 years, trend is slowing

Anchorage Population, 2007-2022



Co-Sponsored by:







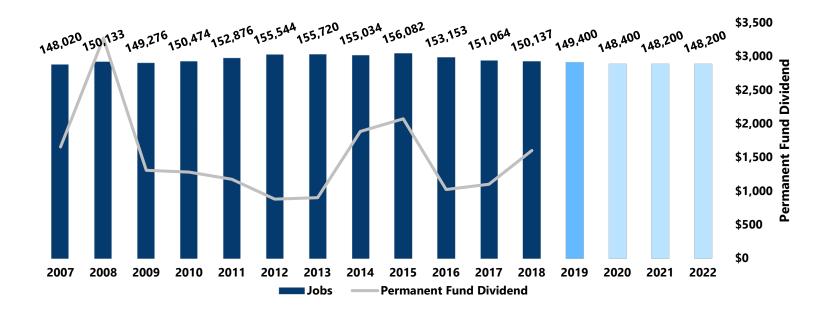
Source: Alaska Department of Labor and Workforce Development, 2006-2018. McDowell Group estimates, 2019-2022.



Anchorage Employment 2006-2021

- 3 more years of job losses bringing recession total to 7,900 lost jobs
- Growth likely in Construction, Oil & Gas, Tourism
- Losses likely in Retail, Health Care, Social Services, Government
- Jobs will decline to 2007 levels

Anchorage Average Employment and Permanent Fund Dividend Amount, 2007-2022



Co-Sponsored by:







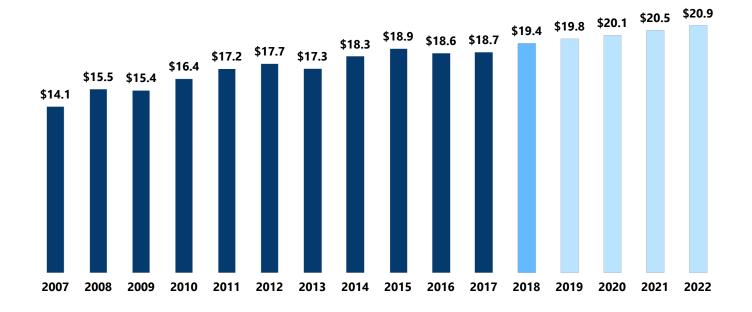
Source: Alaska Department of Labor and Workforce Development, 2006-2018. McDowell Group estimates, 2019-2022.



Anchorage Personal Income 2006-2021 (\$ billions)

- Personal income grew 4.1% 2017-2018
- Growth rate will slow to 2%-1.5%
 2019-2022
- 2017 Net outflow of income-
 - Anchorage workers earned \$587 million outside of Anchorage
 - Non-resident workers earned
 \$1.593 billion in Anchorage
 - \$1.0 billion net loss to Anchorage

Anchorage Personal Income (\$Billion), 2007-2022



Co-Sponsored by:







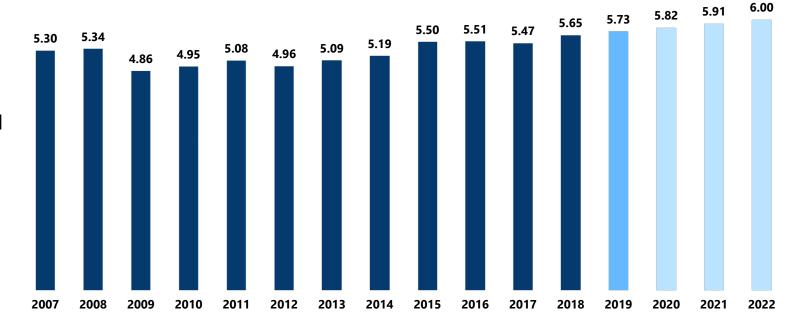
Source: Bureau of Economic Analysis, 2006-2018. McDowell Group estimates, 2019-2022.



ANC Air Passenger Volume 2006-2021 (millions)

ANC Air Passenger Volume (Million Passengers), 2007-2022

- ANC supports 22,000 jobs or 1 out of 10 jobs in Anchorage
- Passenger volume grew 1.5% 2017-2018- NEW RECORD HIGH
- Strong tourism growth driving these new record high passenger totals with more gains in future



Co-Sponsored by:







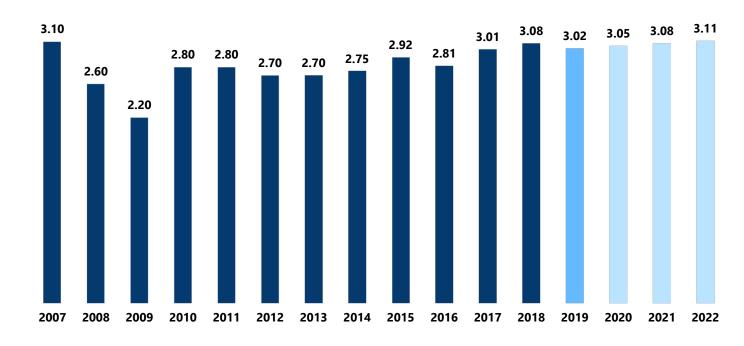
Source: State of Alaska Department of Transportation, 2006-2018. McDowell Group estimates, 2019-2022.



ANC Air Freight Volume 2006-2021 (million short tons)

- ANC ranked 5th busiest cargo airport in the world and consumes over 600 million gallons of jet fuel annually
- Cargo tonnage grew by 2.3% from 2017-2018
- Cargo tonnage down 2.2% so far in 2019. Landings total steady
- 1 in 4 cargo planes that land at ANC originate in China

ANC Air Cargo Volume (Million Tons), 2007-2022



Co-Sponsored by:







Source: State of Alaska Department of Transportation, 2006-2018. McDowell Group estimates, 2019-2022.

Port of Alaska Volume 2006-2021 (million short tons)

- Tonnage up 13% 2017-2018
- Petroleum tonnage up 23% in 2018, equaled 56% of total volume
- Vans, flats, and container volume up 2.4% in 2018, 41% of total volume
- Critical infrastructure for ANC, military, mainland Alaska
- Trilogy Metals project in Ambler could have significant impact in future

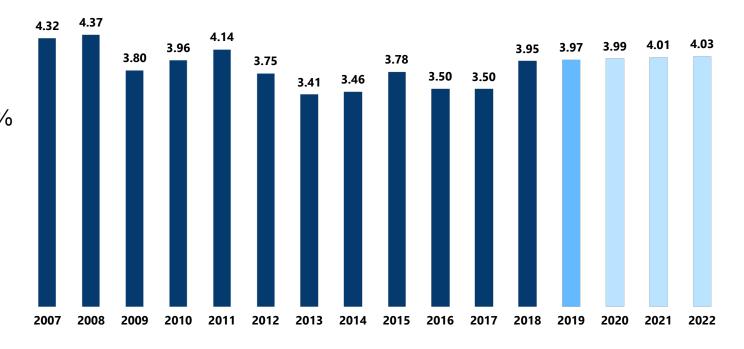
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WELLS

Port of Alaska Volume (Million Tons), 2007-2022



Source: Port of Alaska, 2006-2018. McDowell Group estimates, 2019-2022.



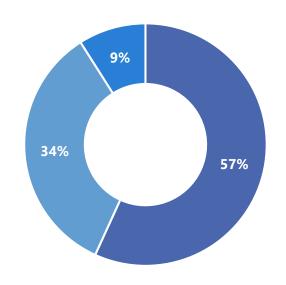
Building Permit Values 2006-2021 (\$ millions)

Anchorage Building Permit Values (\$Million), 2007-2022



Anchorage Building Permit Values by Type, 2018





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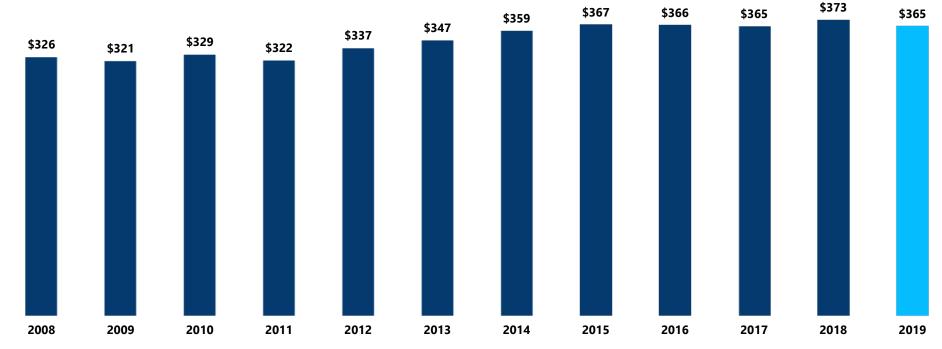


Source: Municipality of Anchorage, 2006-2018. McDowell Group estimates, 2019-2022.



Average Single-Family Home Sales Price 2010-2019

Anchorage Average Single-family Home Sales Price (\$1,000), 2007-2019



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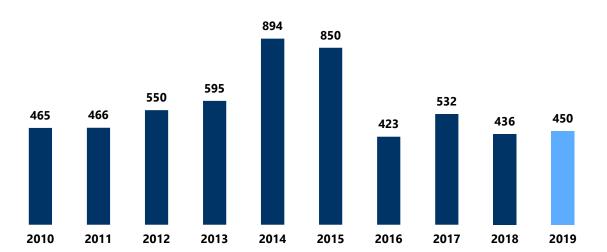


Source: Alaska Multiple Listing Service, Inc. (2008-2018); McDowell Group Estimates, (2019).



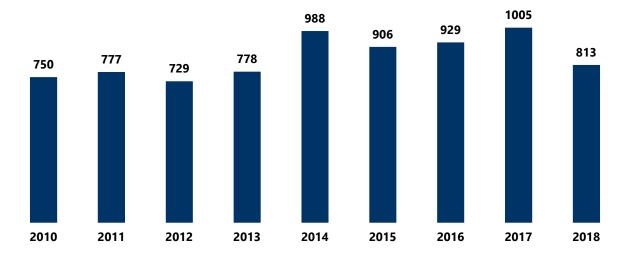
Anchorage/Mat-Su New Housing Units 2010-2019

Anchorage New Housing Units, 2010-2019



Source: Alaska Department of Labor and Workforce Development (2010-2018); McDowell Group Estimate (2019).

Mat-Su Borough New Housing Units, 2010-2018



Source: Alaska Department of Labor and Workforce Development (2010-2018)

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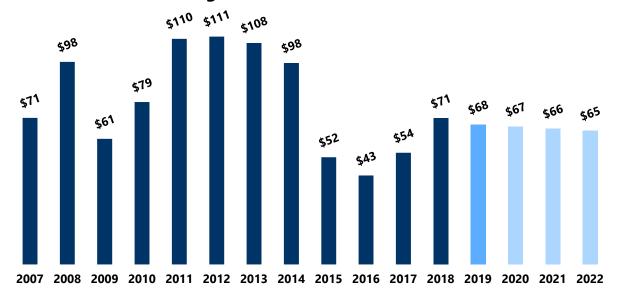






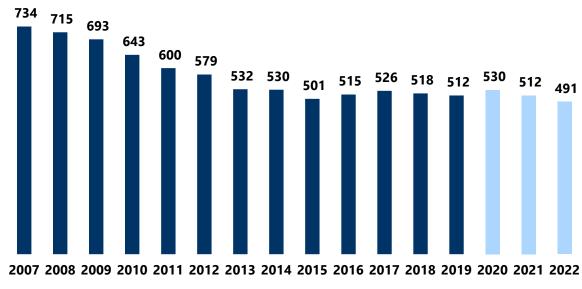
ANS Oil Price per Barrel 2006-2021

Alaska North Slope Crude Oil (Average Price Per Barrel), 2007-2022



Alaska Department of Revenue (2006-2018); Averaged Department of Revenue, World Bank, Energy Information Administration forecasts, JP Morgan, Goldman Sachs (2019-2022).

Alaska North Slope Crude Oil Production (Thousands of Barrels per Day), FY2007-2022



Source: Alaska Department of Revenue.

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- In January we forecasted the end of the recession in 2019
- Based on what we know today, 3 more years of recession
- Bright spots- Tourism, Airport, Oil & Gas, Professional & Bus. Services
- Weak spots- Retail, Health Care, Government
- There is a talent drain to the lower-48: 20,000 lost in last 5 years
- · There are significant opportunities on the horizon, but years away-
 - New projects on the North Slope: 3-6 years
 - New project in Ambler Mining District: 4-5 years
- We have problems, but our future is still in our control

Thank You!

All reports available at www.AEDCweb.com

