



OneRedmond

PUGET SOUND Economic Update

January 24, 2019

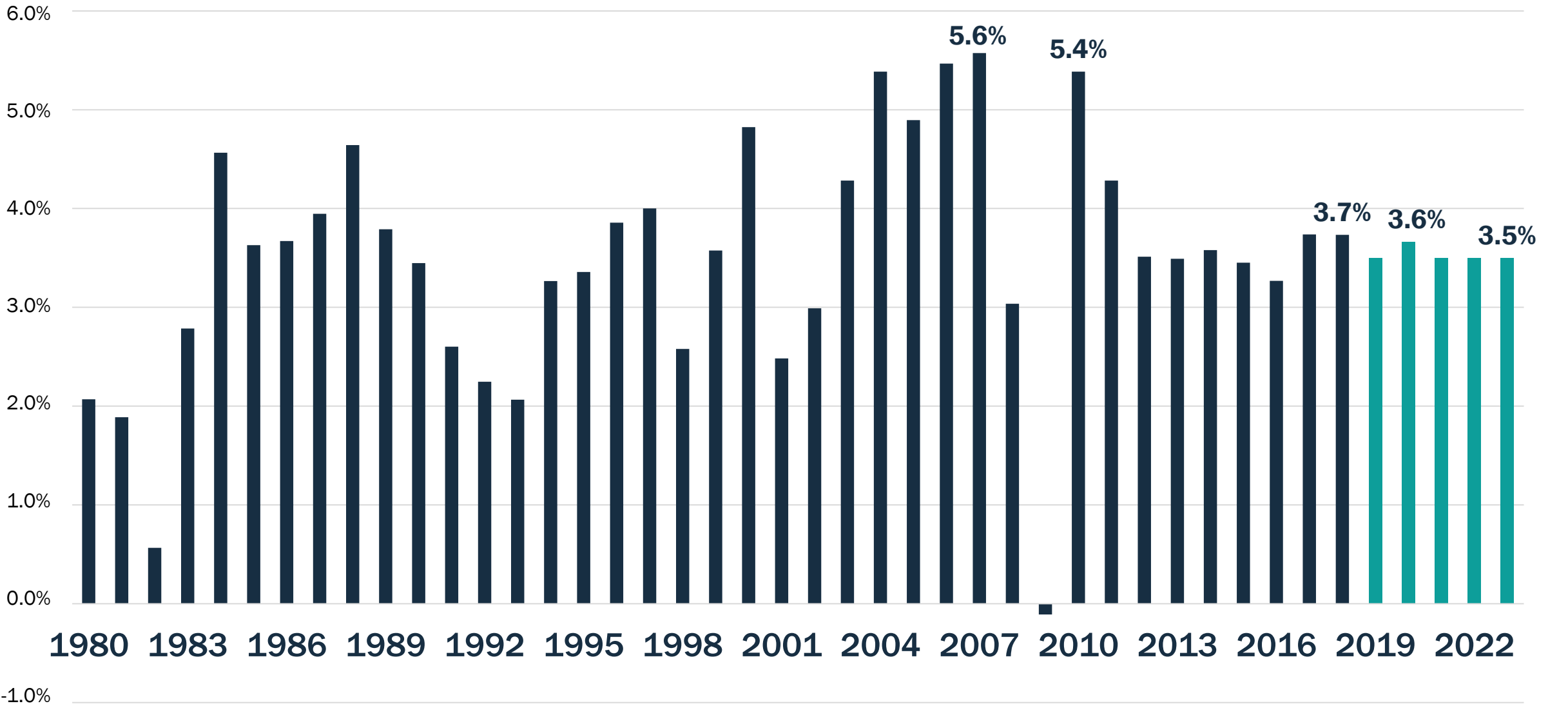
Chris Mefford
President & CEO

cai community
attributes inc

Global GDP Percent Change

1980-2023 | Real GDP

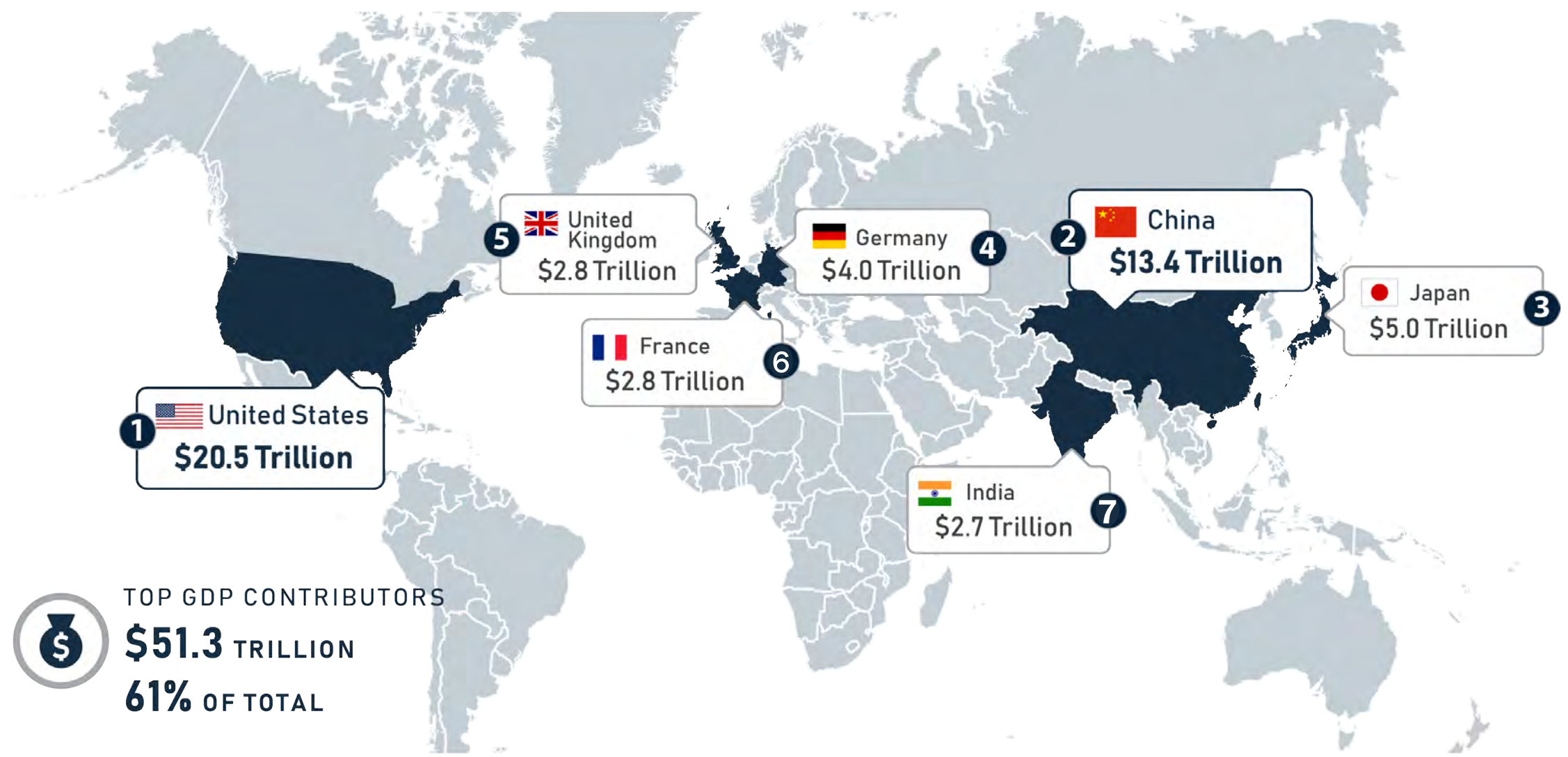
Historical Forecast



Source: International Monetary Fund, 2019; Community Attributes Inc., 2019.

Global GDP: \$86.9 Trillion

2018 | Real GDP



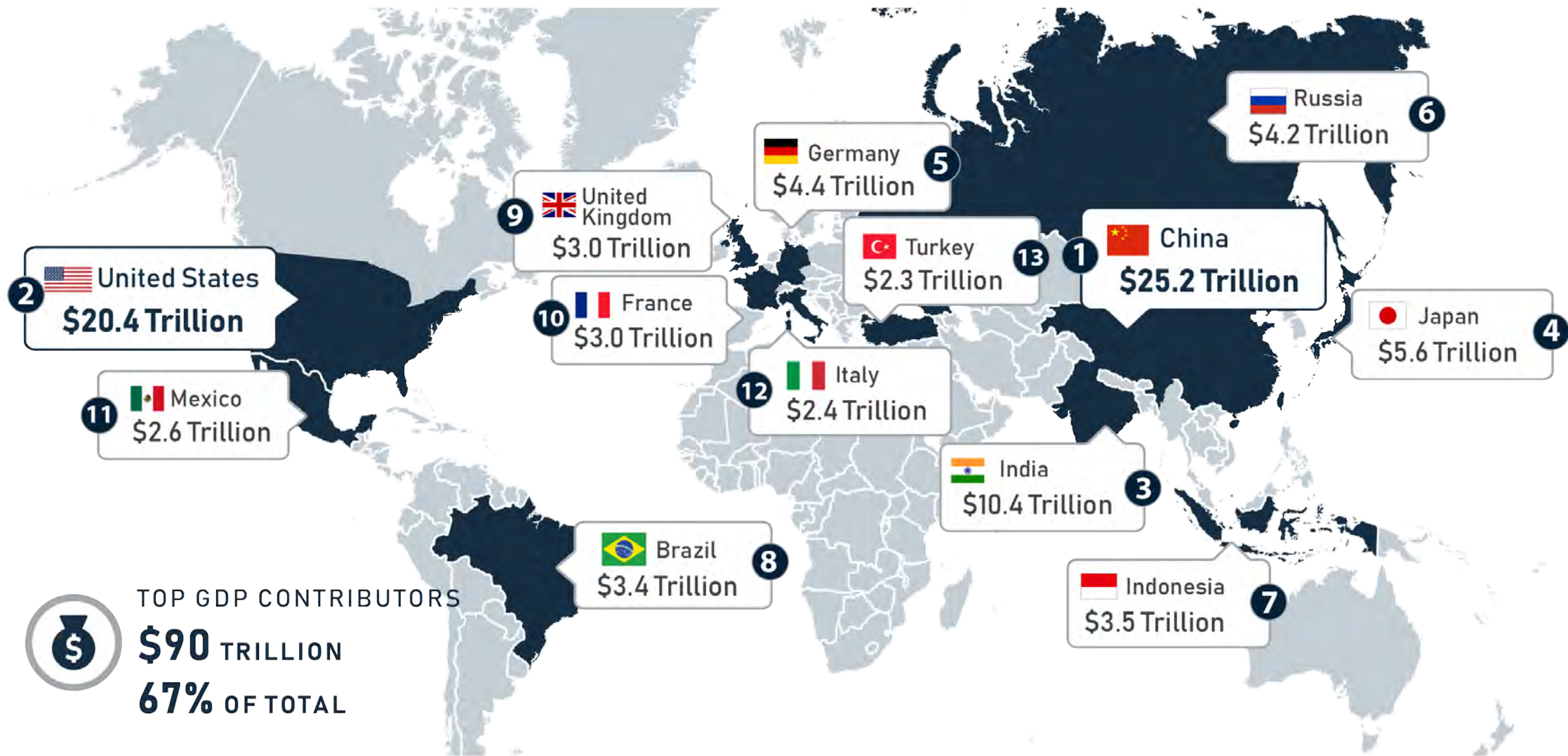
TOP GDP CONTRIBUTORS

\$51.3 TRILLION

61% OF TOTAL

Purchasing Power Parity Global GDP: \$135.0 Trillion

2018



Source: International Monetary Fund, 2019; Community Attributes Inc., 2019.

GDP by Country

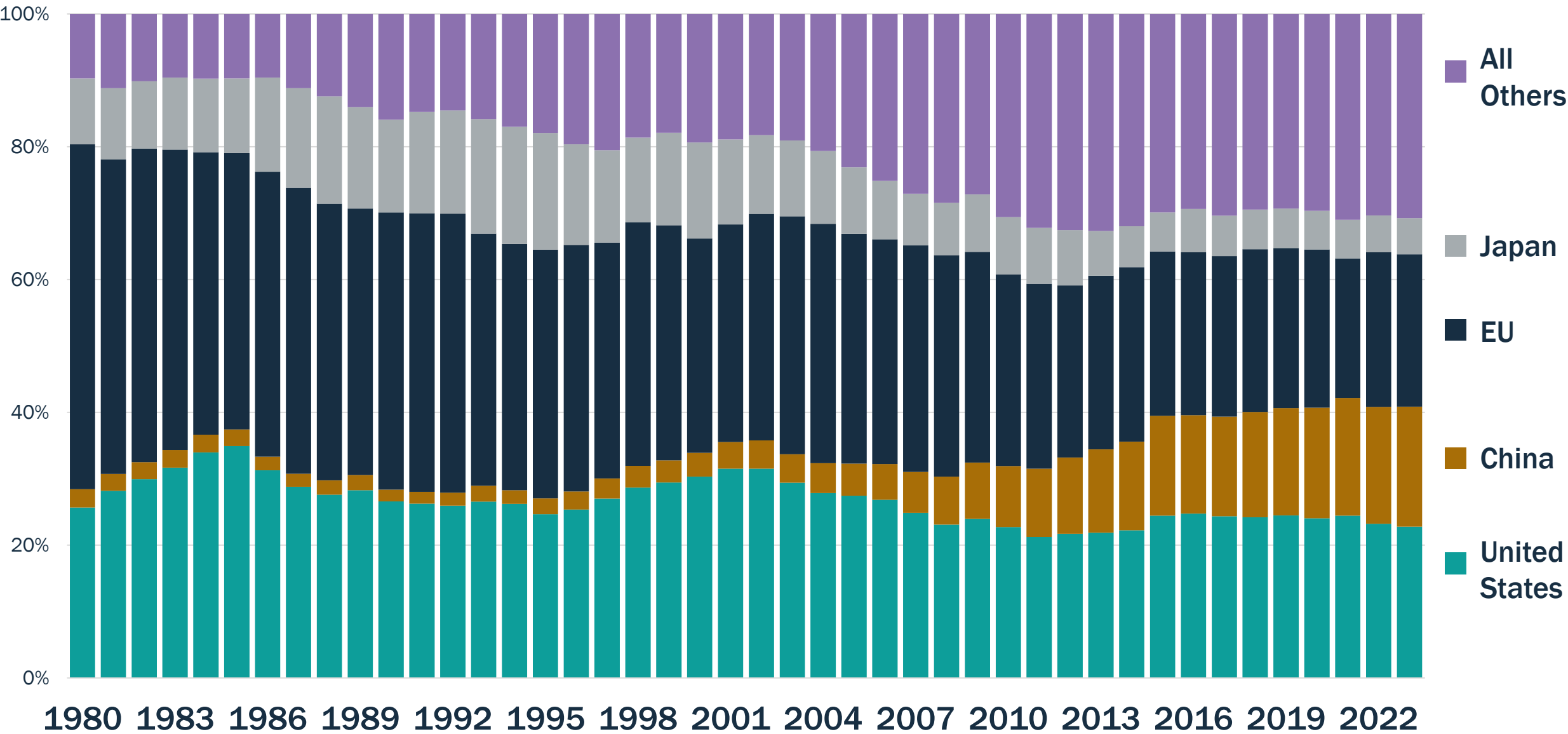
2018 | Real GDP



Source: International Monetary Fund, 2019; Community Attributes Inc., 2019.

Percent of Global GDP by Country

1980-2023 | Real GDP

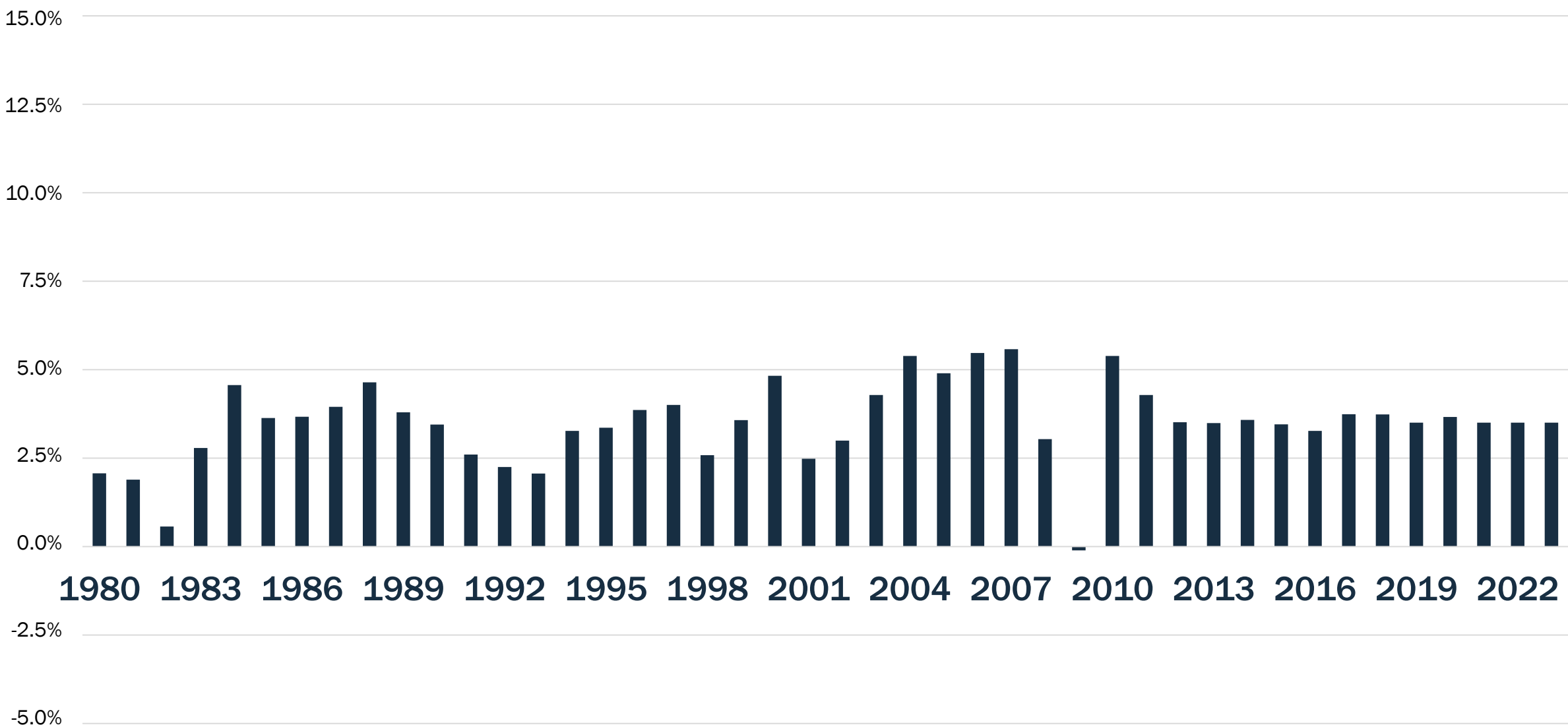


Source: International Monetary Fund, 2019; Community Attributes Inc., 2019.

Global GDP Percent Change

1980-2023 | Real GDP

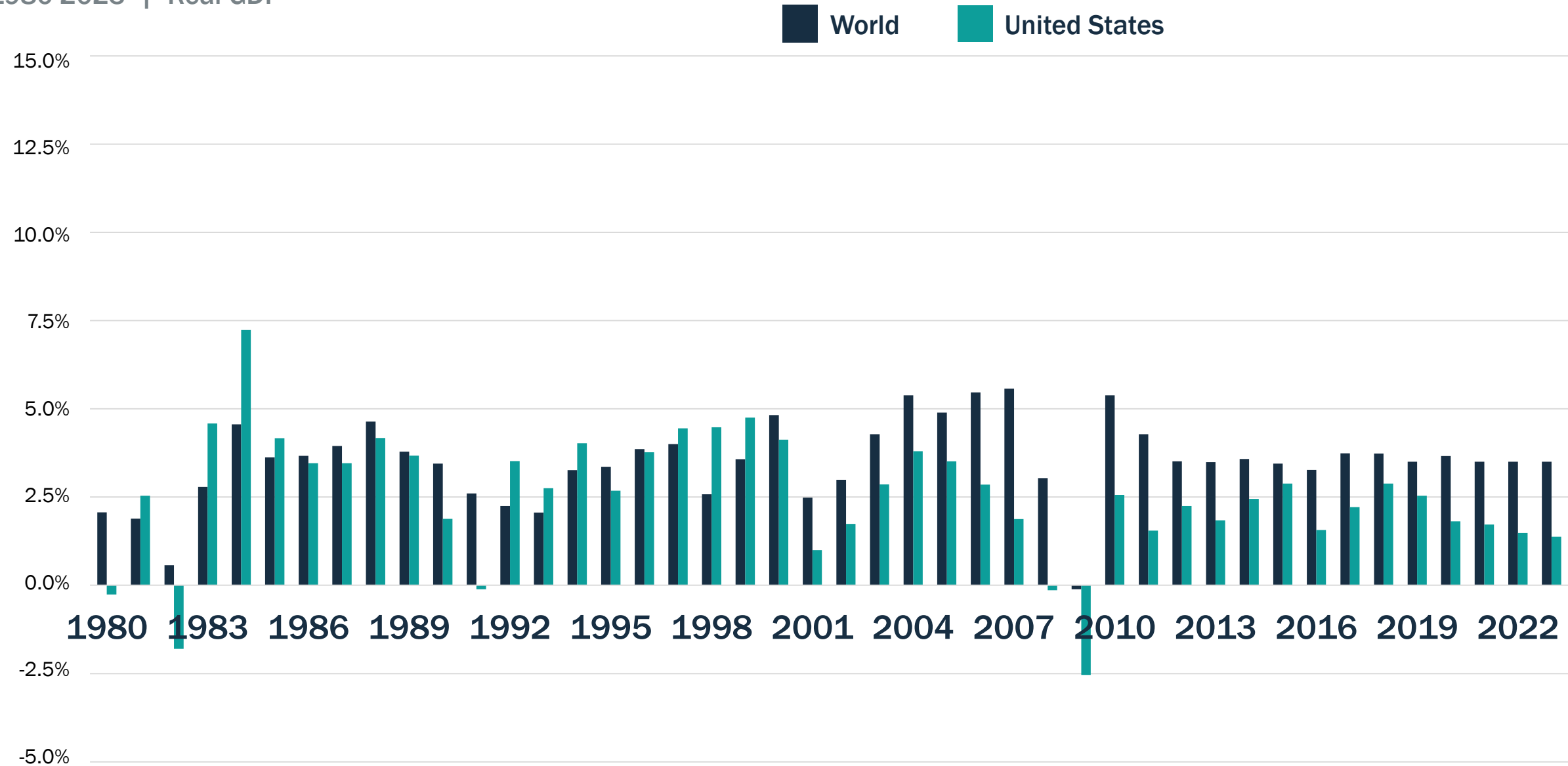
World



Source: International Monetary Fund, 2019; Community Attributes Inc., 2019.

U.S. and Global GDP, Percent Change

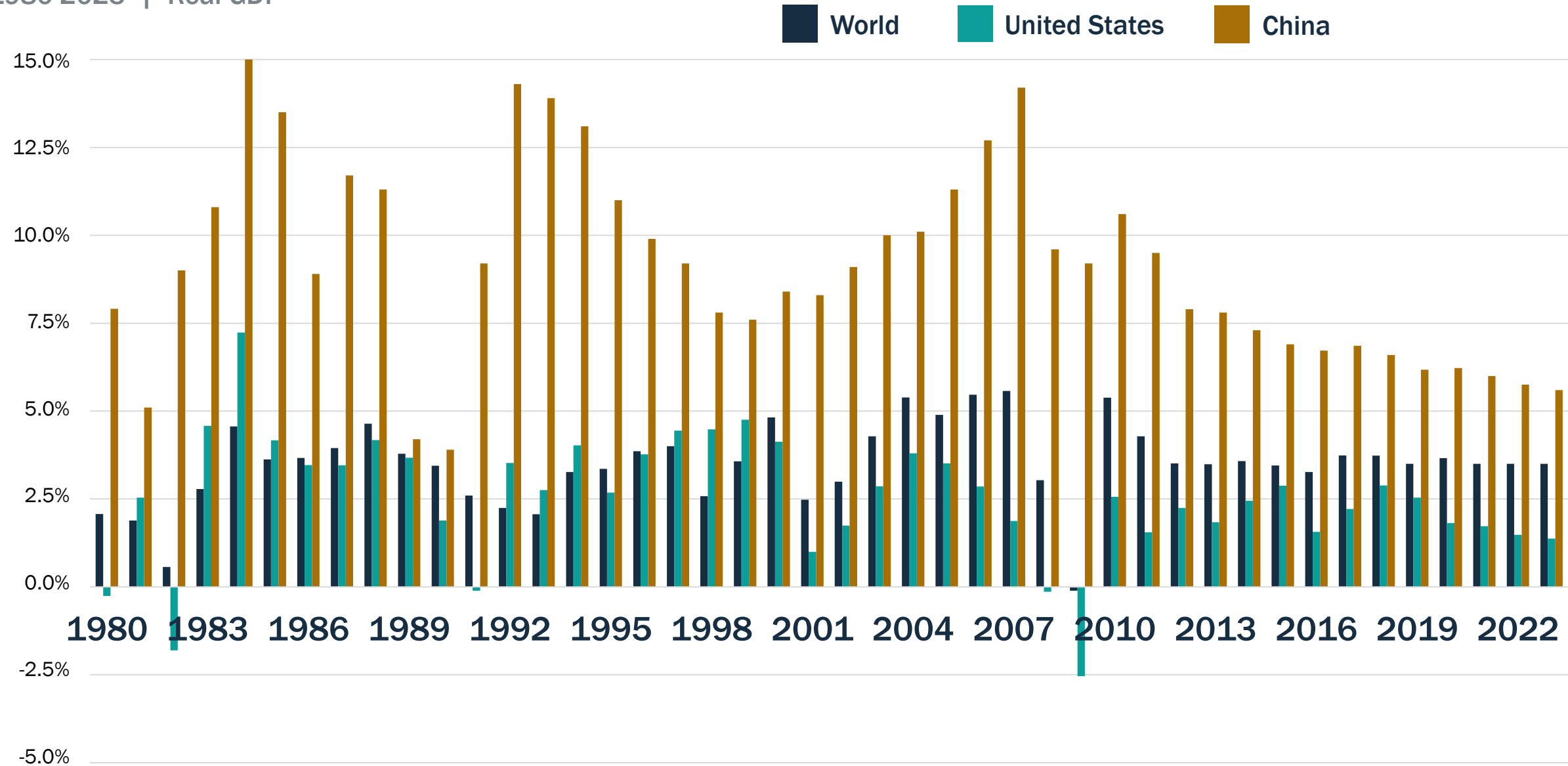
1980-2023 | Real GDP



Source: International Monetary Fund, 2019; Community Attributes Inc., 2019.

China, U.S. and Global GDP, Percent Change

1980-2023 | Real GDP



Source: International Monetary Fund, 2019; Community Attributes Inc., 2019.

Exports by Commodity or Merchandise

United States | 2017



NUCLEAR
Reactors, Boilers, Machinery, etc.
\$202.0 BILLION



ELECTRONICS
Machinery, Sound Equipment, TV Equipment,
and Parts
\$174.4 BILLION



MINERALS, FUELS, OIL
\$139.0 BILLION



AEROSPACE
\$131.1 BILLION



VEHICLES
& Parts, Except Railway or Tramway
\$130.2 BILLION



OPTICS
Photo, Medical or Surgical Instruments, etc.
\$83.6 BILLION



PLASTICS
\$61.9 BILLION



PEARLS & PRECIOUS
STONES
\$60.3 BILLION



PHARMACEUTICAL
PRODUCTS
\$44.9 BILLION



ORGANIC CHEMICALS
\$36.3 BILLION



OIL SEEDS
\$26.4 BILLION



TOTAL, ALL EXPORTS
\$1.3 TRILLION

Source: U.S. Census, 2017; Community Attributes Inc., 2019.

Elements of a Healthy Community



Economic Opportunity

Employment rates
Wage levels
Upward mobility



Basic Needs

Poverty
Access to services
Infrastructure



Environment

Air & water quality
Ecosystems & species
Natural resources



Education

Meeting standards
Graduation rates
Workforce alignment



Vibrant Communities

Safety
Engagement
Mobility



Arts & Culture

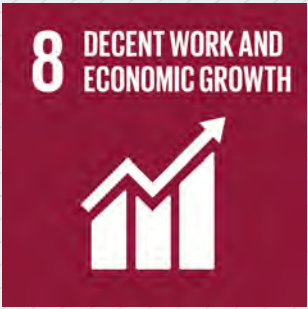
Access
Activity
Heritage



Health & Wellness

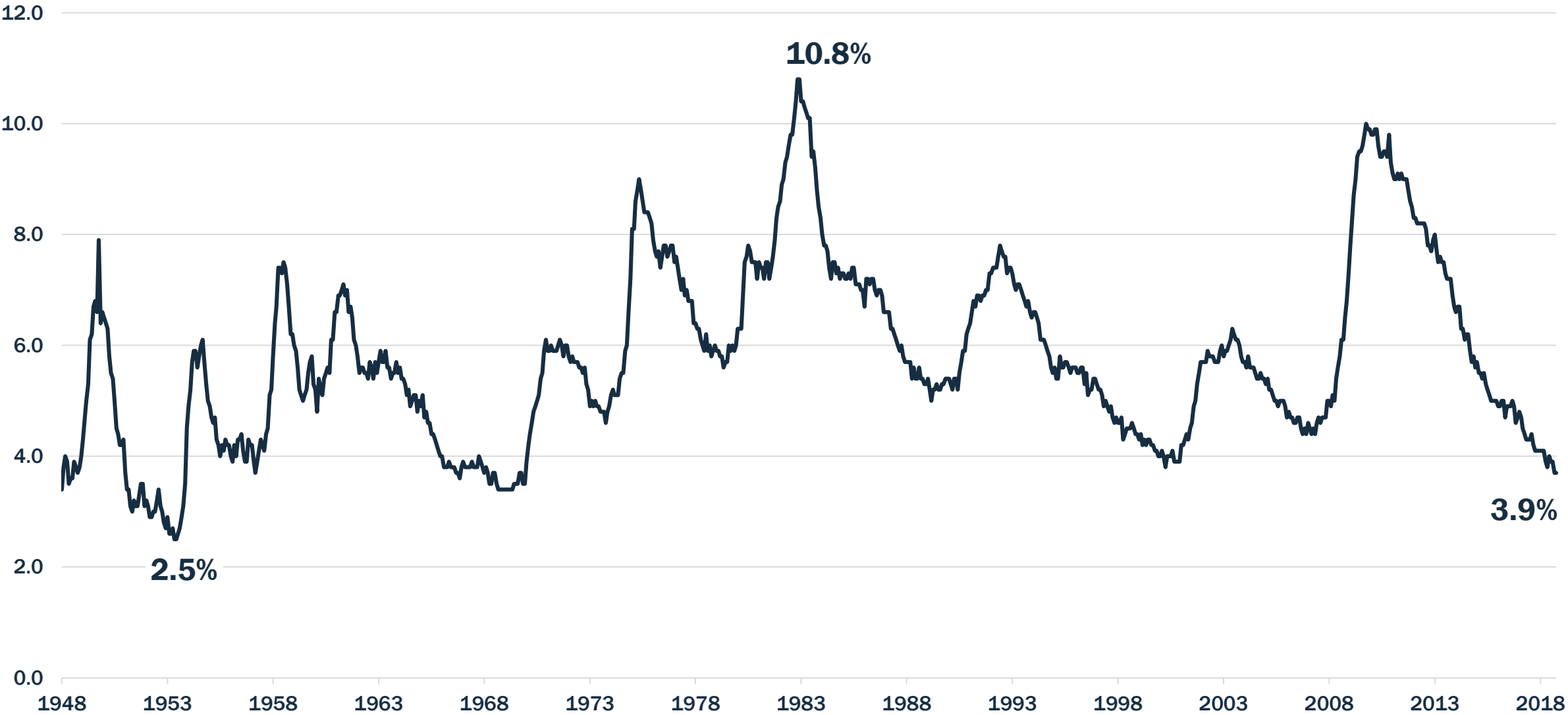
Longevity
Nutrition
Fitness

UN Sustainable Development Goals



U.S. Unemployment Rate

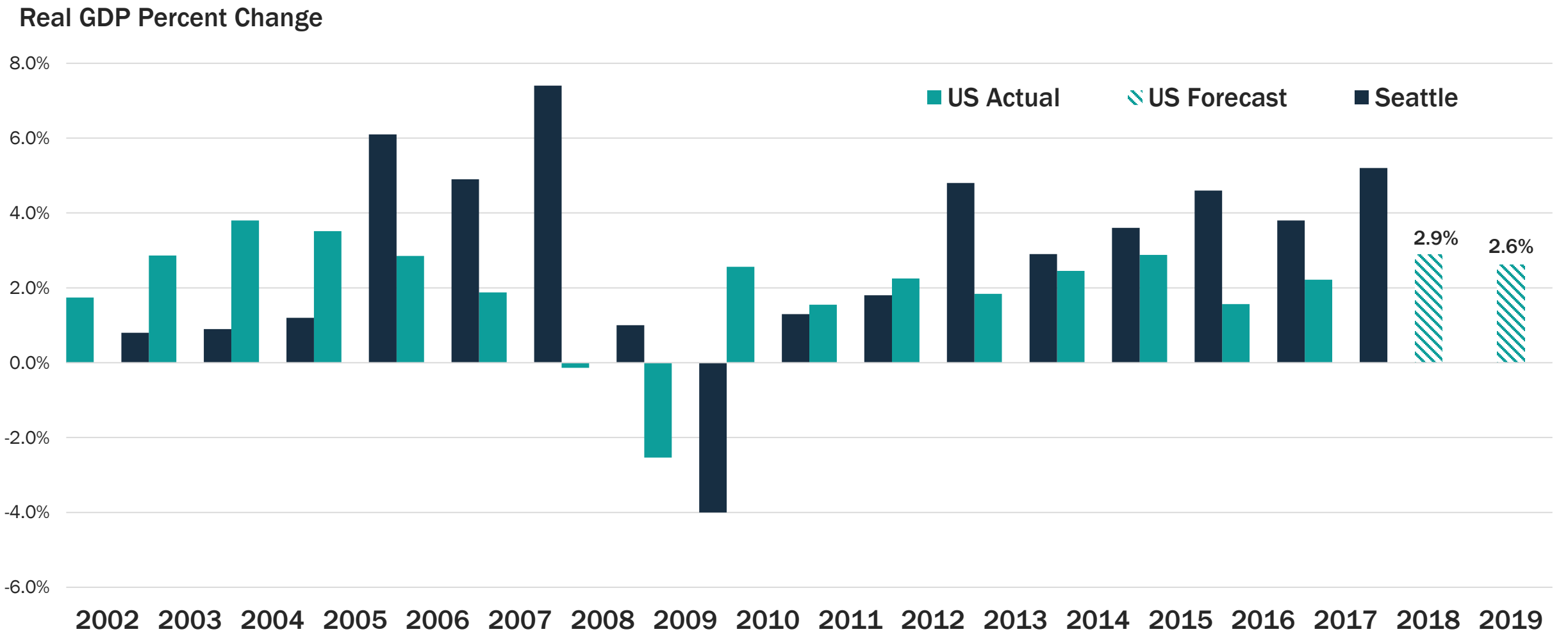
1948-2018



Source: U.S. Bureau of Labor Statistics, 2018.

U.S. Real Annual GDP % Growth

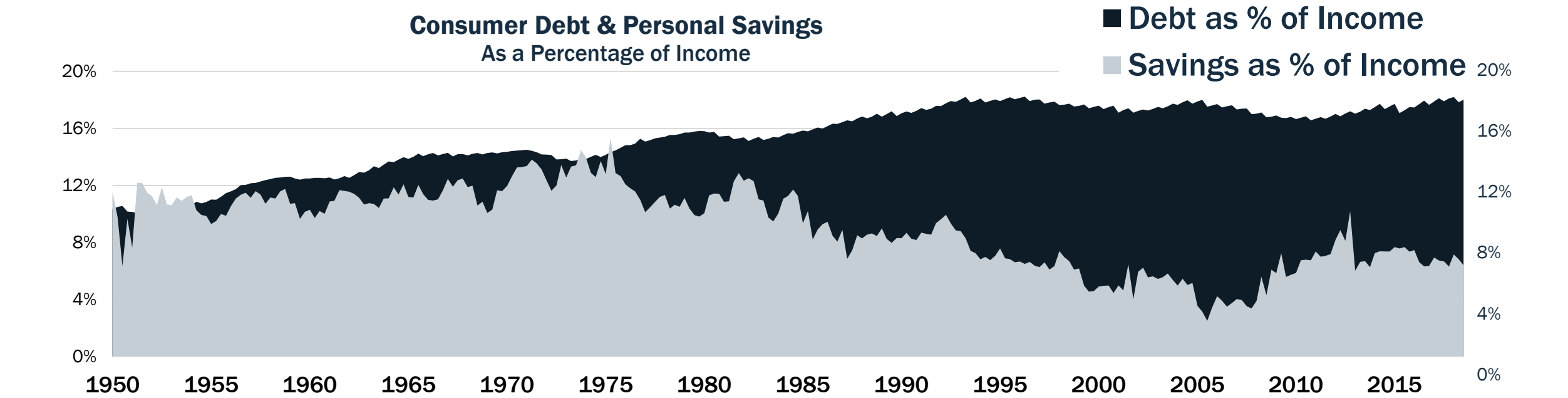
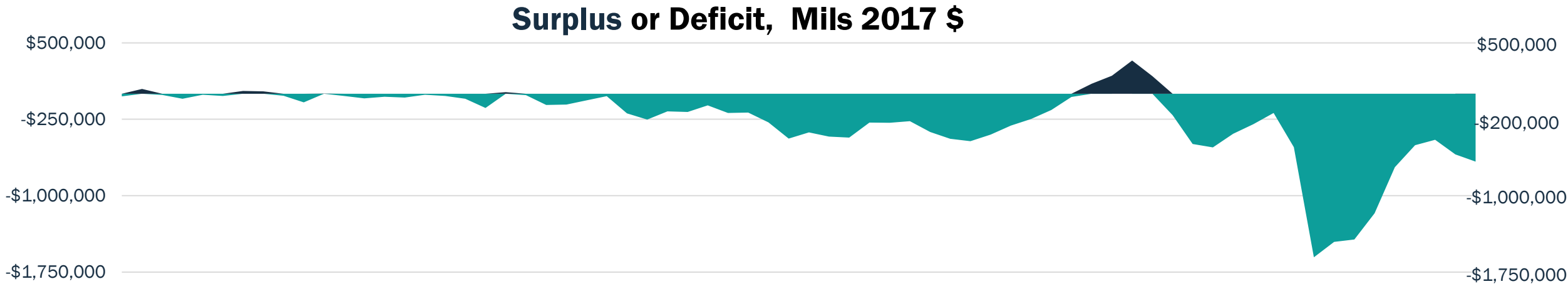
Percent Change from Previous Year, Seasonally Adjusted Annual Rate



Sources: U.S. Bureau of Economic Analysis, 2018; Blue Chip Economic Indicators, 2018

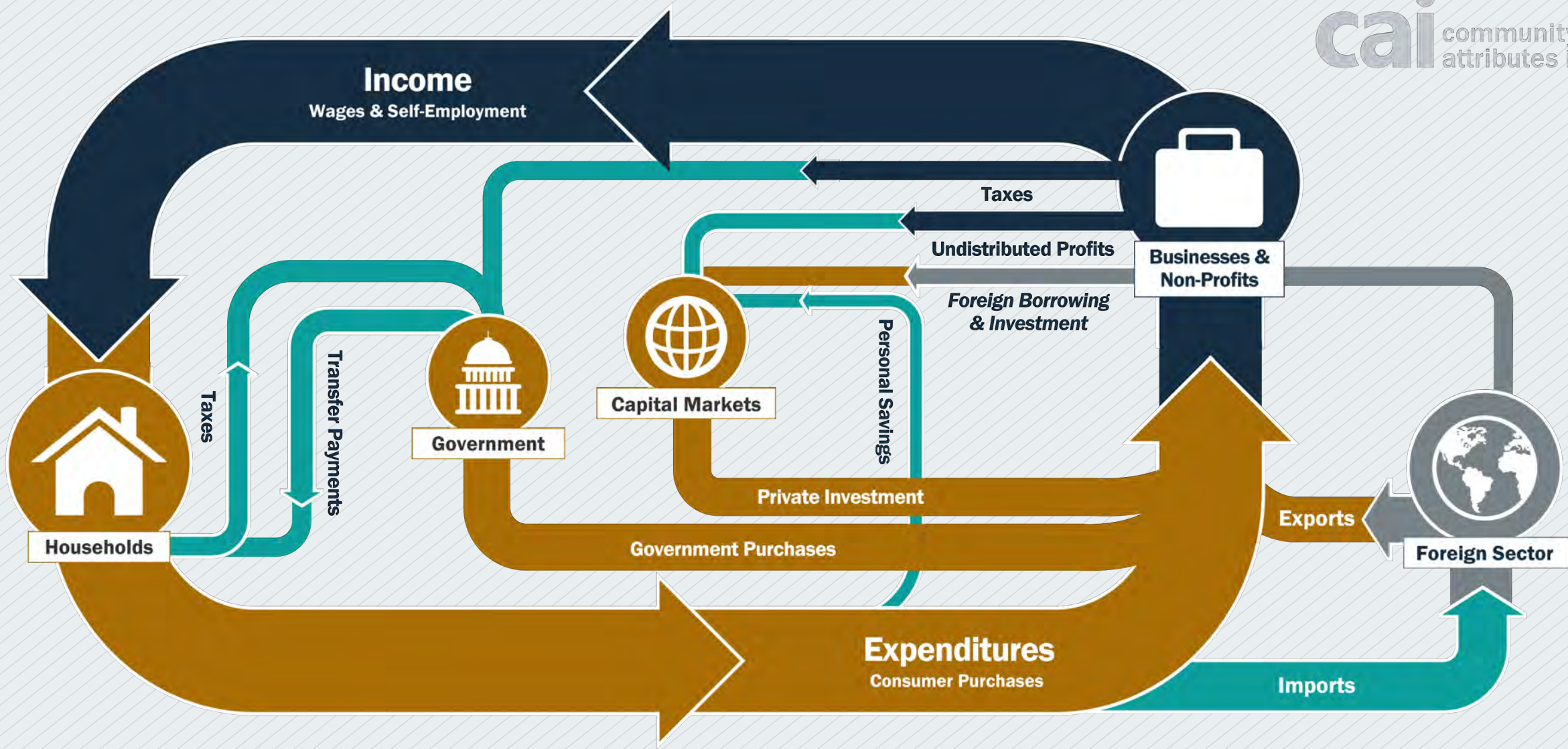
Deficit, Savings and Credit

U.S. | 1950-2017



Sources: U.S. Bureau of Economic Analysis, 2018; U.S. Federal Reserve published October 5, 2018.

Circular Flows of the Economy

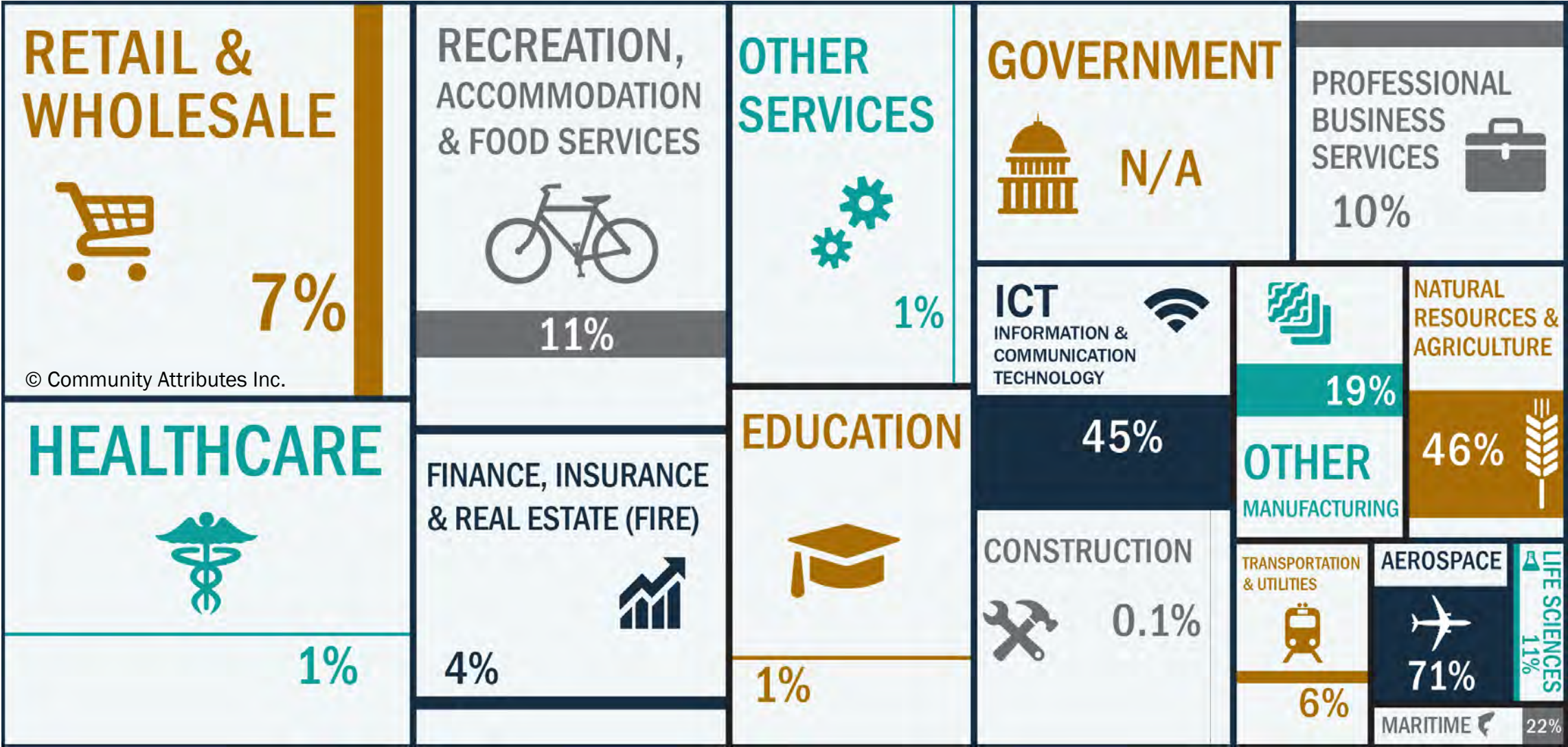


Sources: Gordon, 1990, Community Attributes Inc., 2019.

Major Industries in Washington

Percent of Export Jobs by Industry

3.5 M Total Jobs (December 2018)



Sources: Washington State Employment Security Department, 2018; Bureau of Labor Statistics, 2018; Bureau of Economic Analysis, 2018; Community Attributes Inc., 2019.

Exports by Commodity or Merchandise

Washington State | 2017



AEROSPACE
\$42.3 BILLION



ELECTRONICS
Sound Equipment, TV Equipment, Parts, Etc.
\$2.7 BILLION



FRUITS
\$1.4 BILLION



OIL SEEDS
\$5.0 BILLION



MINERAL FUELS, OIL
\$2.3 BILLION



WOOD
& Articles of Wood, Wood Charcoal
\$1.3 BILLION



CEREALS
\$4.2 BILLION



OPTIC
Photo, Medical or Surgical Instruments, Etc.
\$2.0 BILLION



ALL OTHER GOODS
\$11.6 BILLION



NUCLEAR
Reactors, Boilers, Machinery, etc.
\$2.8 BILLION



VEHICLES
& Parts, Except Railway or Tramway
\$1.4 BILLION

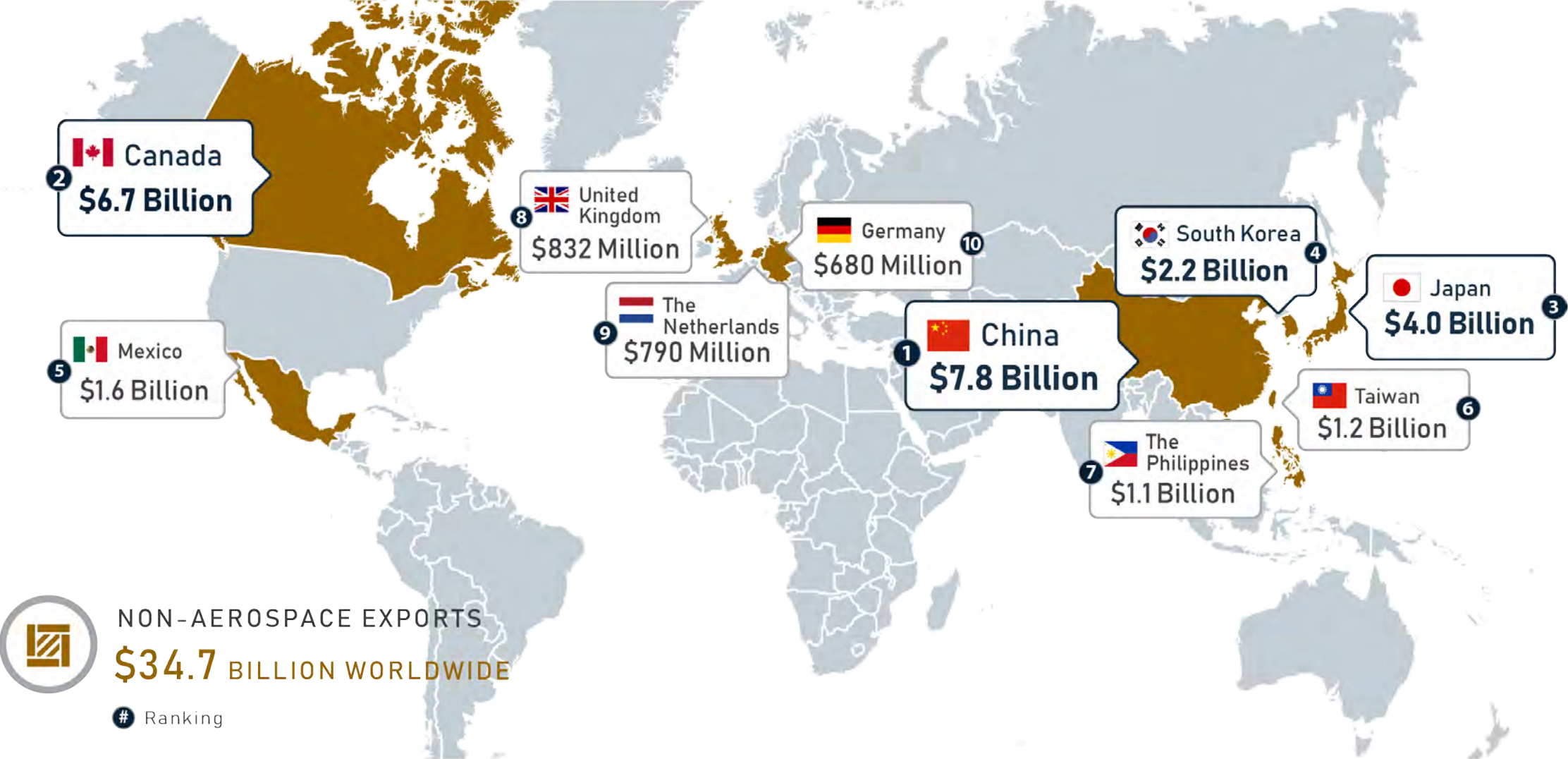


TOTAL, ALL EXPORTS
\$77.0 BILLION

Source: U.S. Census Bureau, 2018; Community Attributes Inc., 2019.

Aerospace Exports

Washington State | 2017

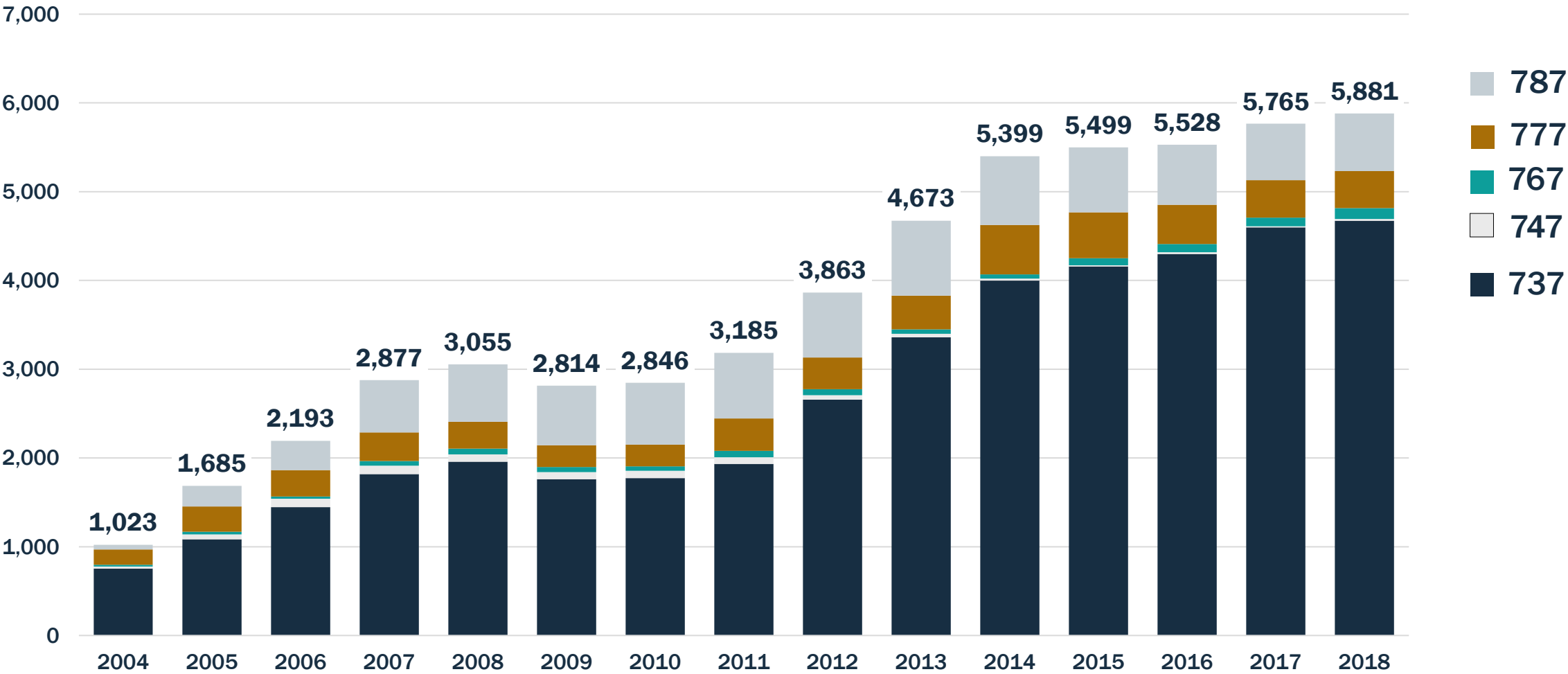


Source: U.S. Census Bureau, 2018; Community Attributes Inc., 2019.

Boeing Total Unfilled Orders

2004-2018

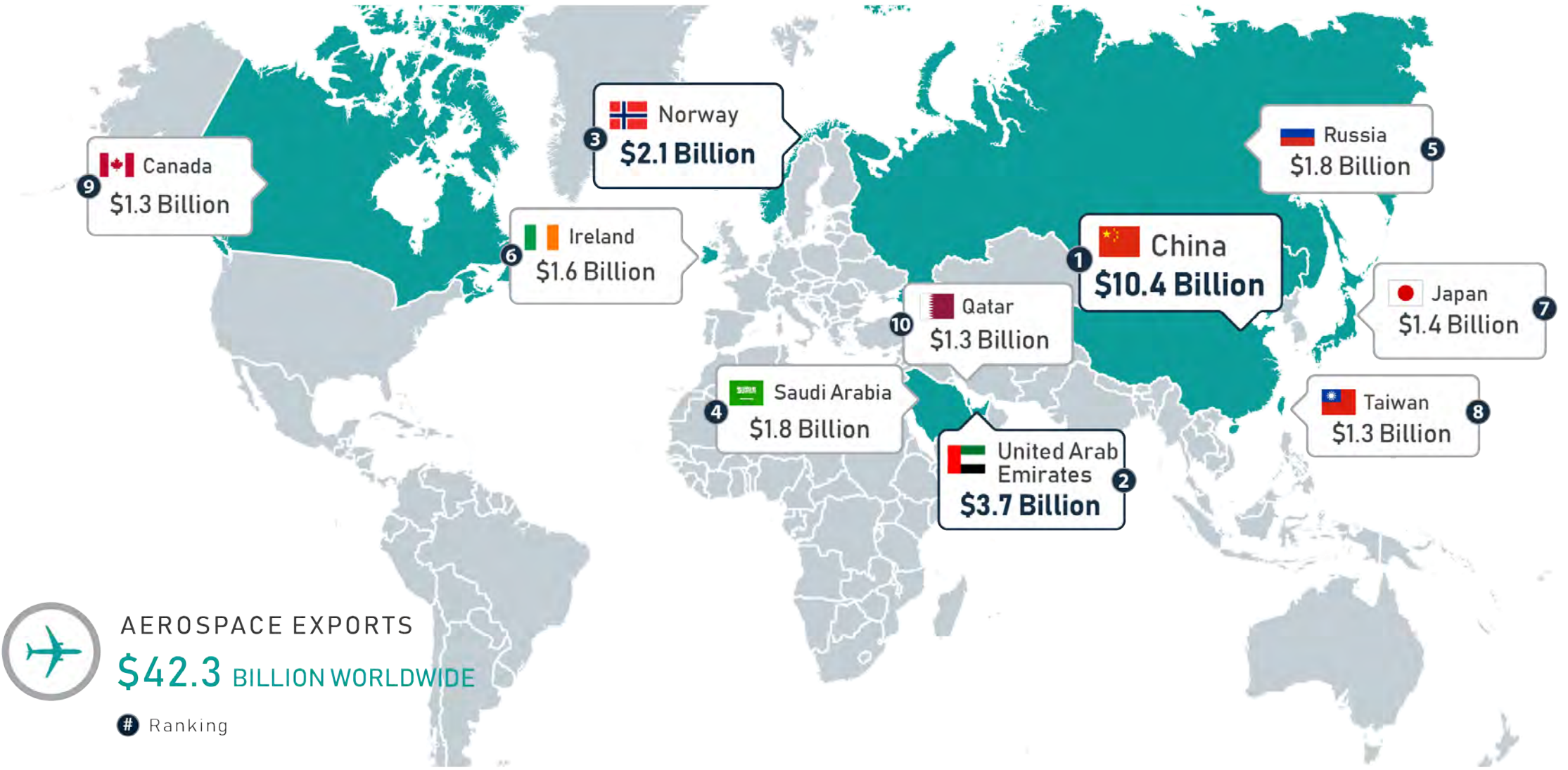
Planes



Source: The Boeing Company, 2018.

Non-Aerospace Exports

Washington State | 2017

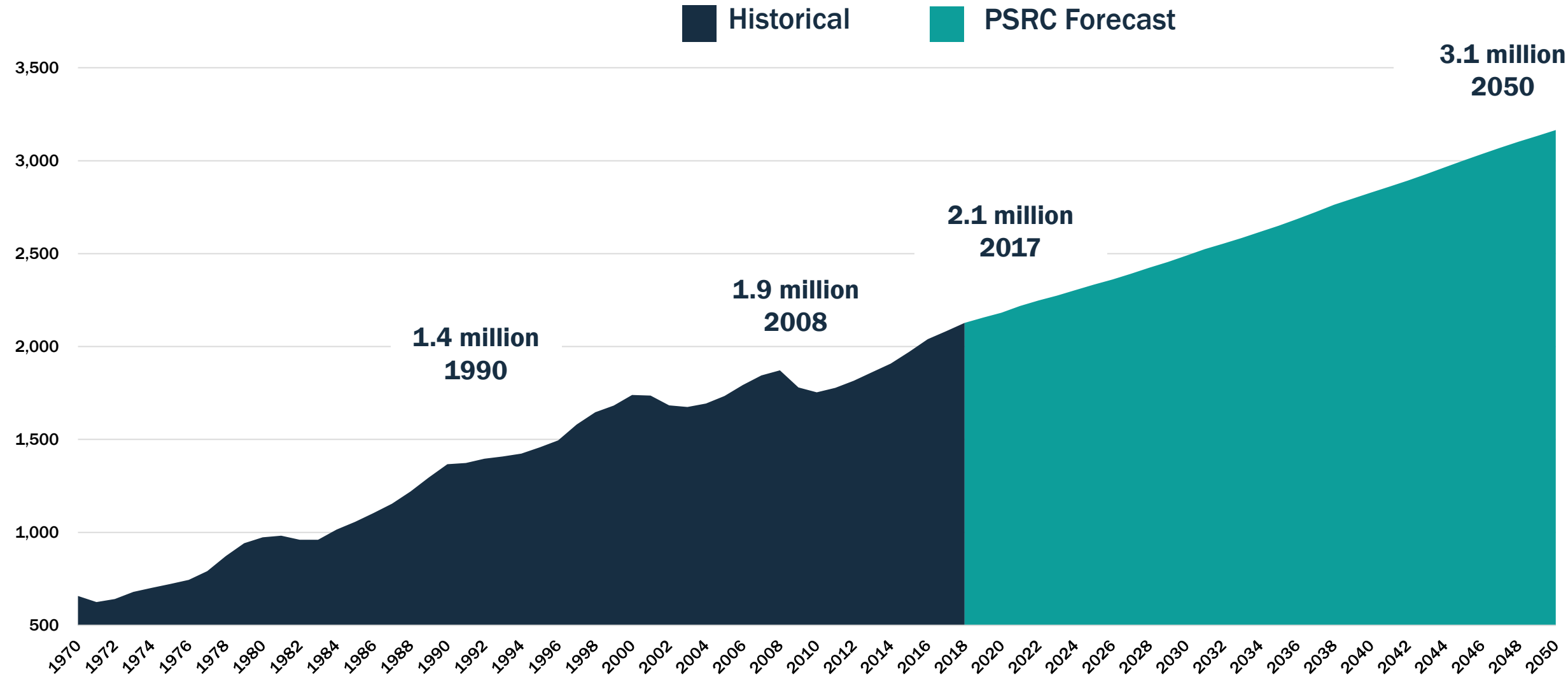


 AEROSPACE EXPORTS
\$42.3 BILLION WORLDWIDE
Ranking

Source: U.S. Census Bureau, 2018; Community Attributes Inc., 2019.

Jobs

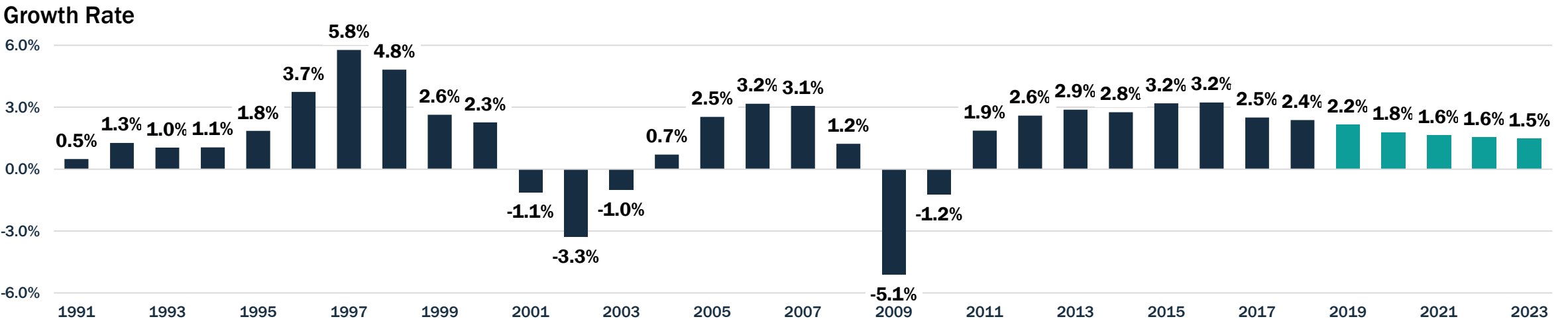
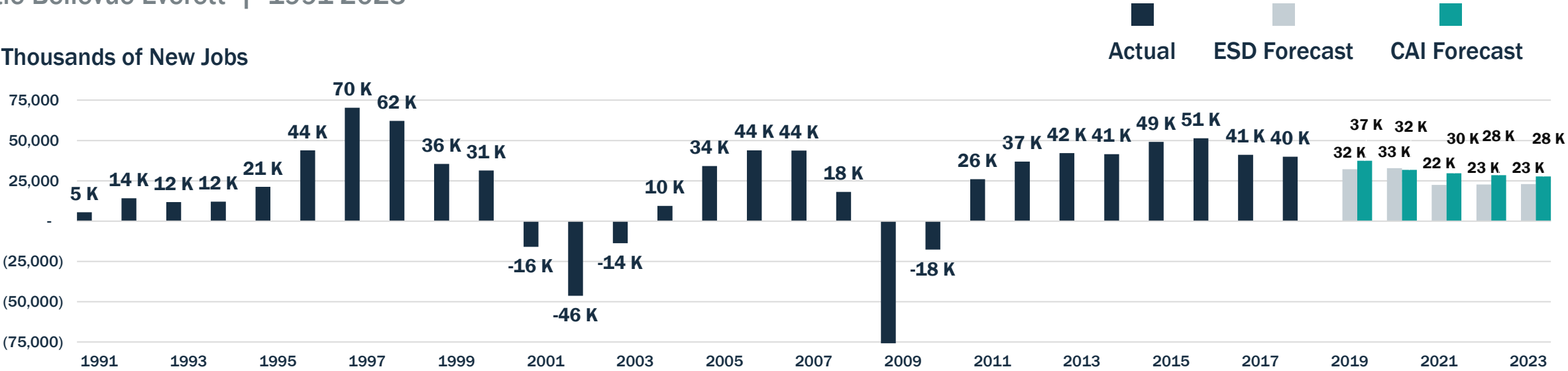
Central Puget Sound Region | 1970-2050



Source: Puget Sound Regional Council, Regional Macroeconomic Forecast, April 2017.

Job Growth

Seattle-Bellevue-Everett | 1991-2023



Sources: WA Employment Security Department, Employment Projections June 2018; Puget Sound Regional Council, Regional Macroeconomic Forecast, April 2017; U.S. Bureau of Labor Statistics, 2018; Community Attributes Inc., 2019.

Major Industries Expecting Employment Growth 2018-2023

Seattle-Bellevue-Everett



PROFESSIONAL &
BUSINESS SERVICES



TRADE, TRANSPORT
& UTILITIES



INFORMATION



EDUCATION &
HEALTH SERVICES



LEISURE &
HOSPITALITY



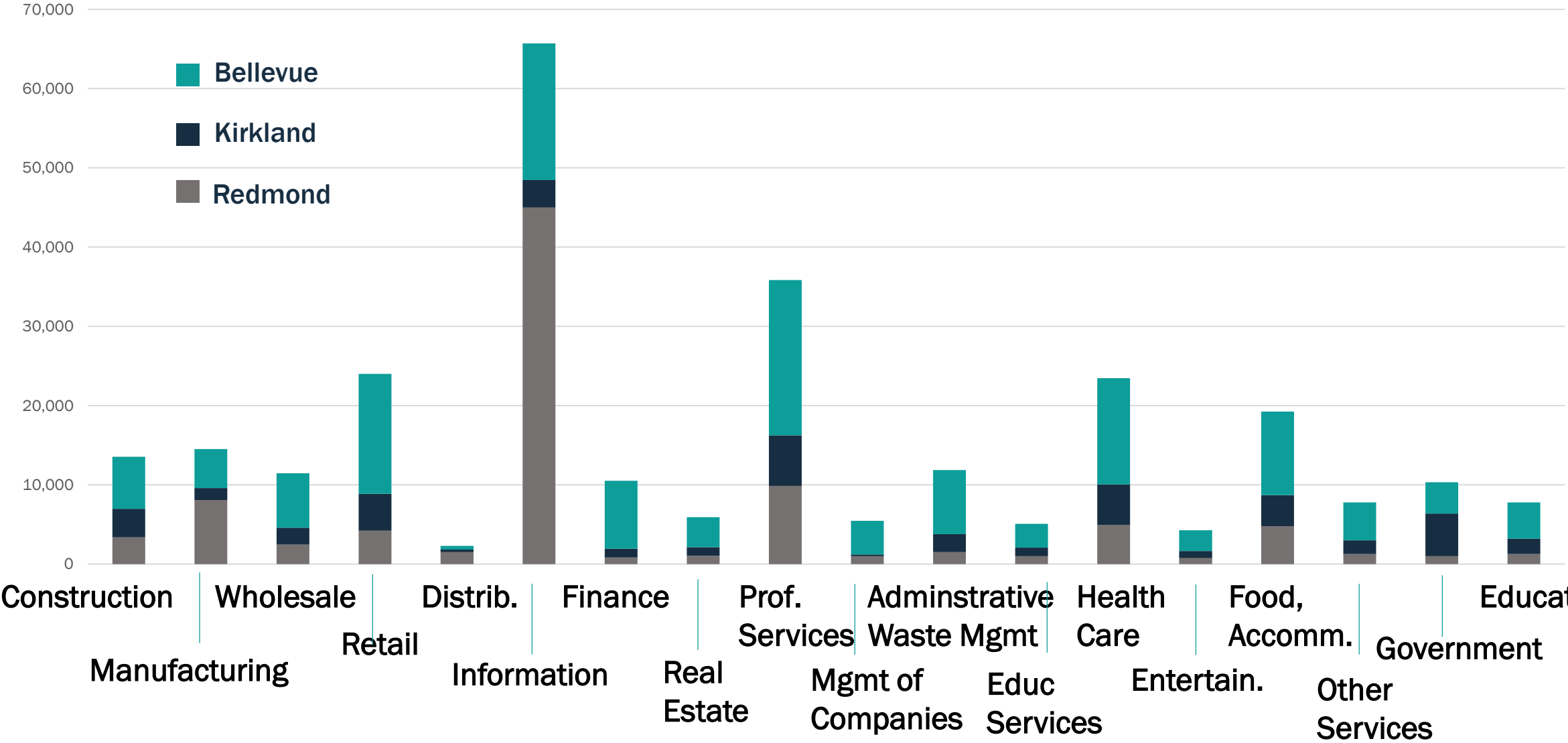
GOVERNMENT

Sources: WA Employment Security Department, Employment Projections June 2018; Puget Sound Regional Council, Regional Macroeconomic Forecast, April 2017; U.S. Bureau of Labor Statistics, 2018; Community Attributes Inc., 2019; Port of Seattle, 2019.

Covered Employment Estimates

2-Digit NAICS Code | 2017

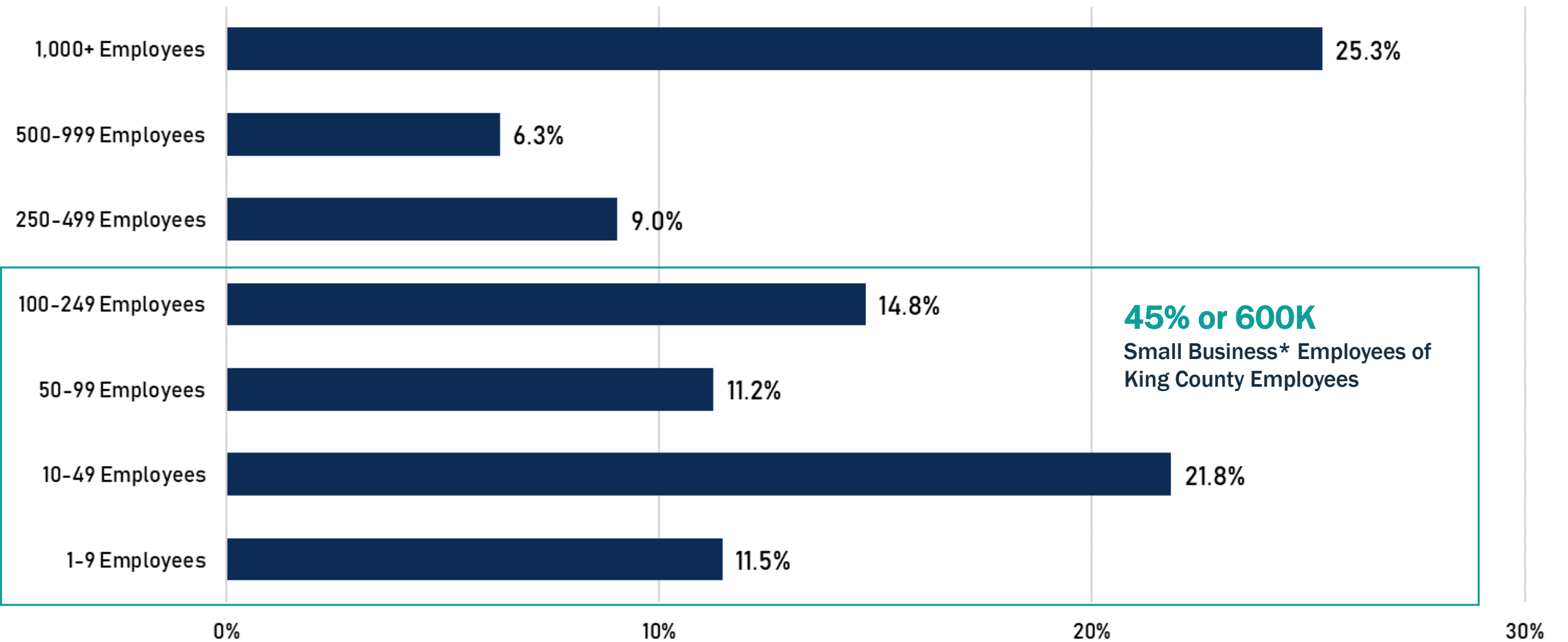
Total King County Jobs: **1.3 M**
Total Redmond-Kirkland-Bellevue Jobs: **280,000**



Sources: Puget Sound Regional Council, 2017; U.S. Census Bureau, 2017; Community Attributes Inc., 2019.

Employment by Establishment Size

King County | 2017



Sources: QCEW, Washington State Employment Security Department, 2018.
*Note: Small Businesses are defined as firms employing fewer than 100 employees.

New Jobs by Top Occupations

Seattle-Bellevue-Everett | 2018-2023 Forecast



COMPUTER & MATHEMATICAL
38,000



FOOD PREPARATION &
SERVING RELATED
23,400



BUSINESS & FINANCIAL
OPERATIONS
18,900



MANAGEMENT
17,800



OFFICE & ADMINISTRATIVE
SUPPORT
17,700



SALES & RELATED
11,700



EDUCATION, TRAINING
& LIBRARY
10,500



HEALTHCARE PRACTITIONERS
& TECHNICAL
9,300



CONSTRUCTION
& EXTRACTION
7,600



TRANSPORTATION &
MATERIAL MOVING
7,500



PERSONAL CARE
& SERVICE
7,200



BUILDING & GROUNDS
CLEANING & MAINTENANCE
5,700

Living Wage in King County, 2018



\$29,000
\$14 per hour

Living Alone

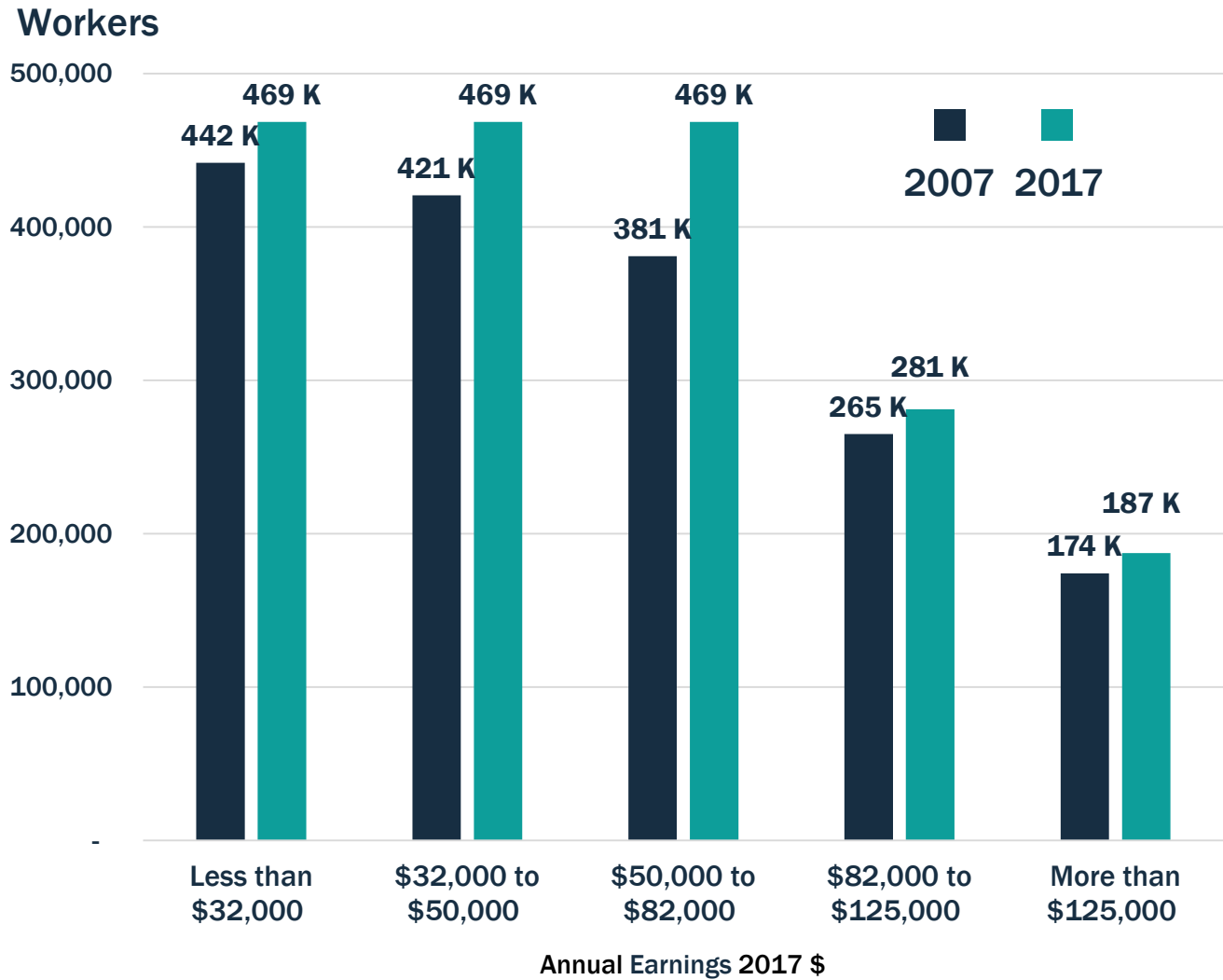


\$75,000

Household Income

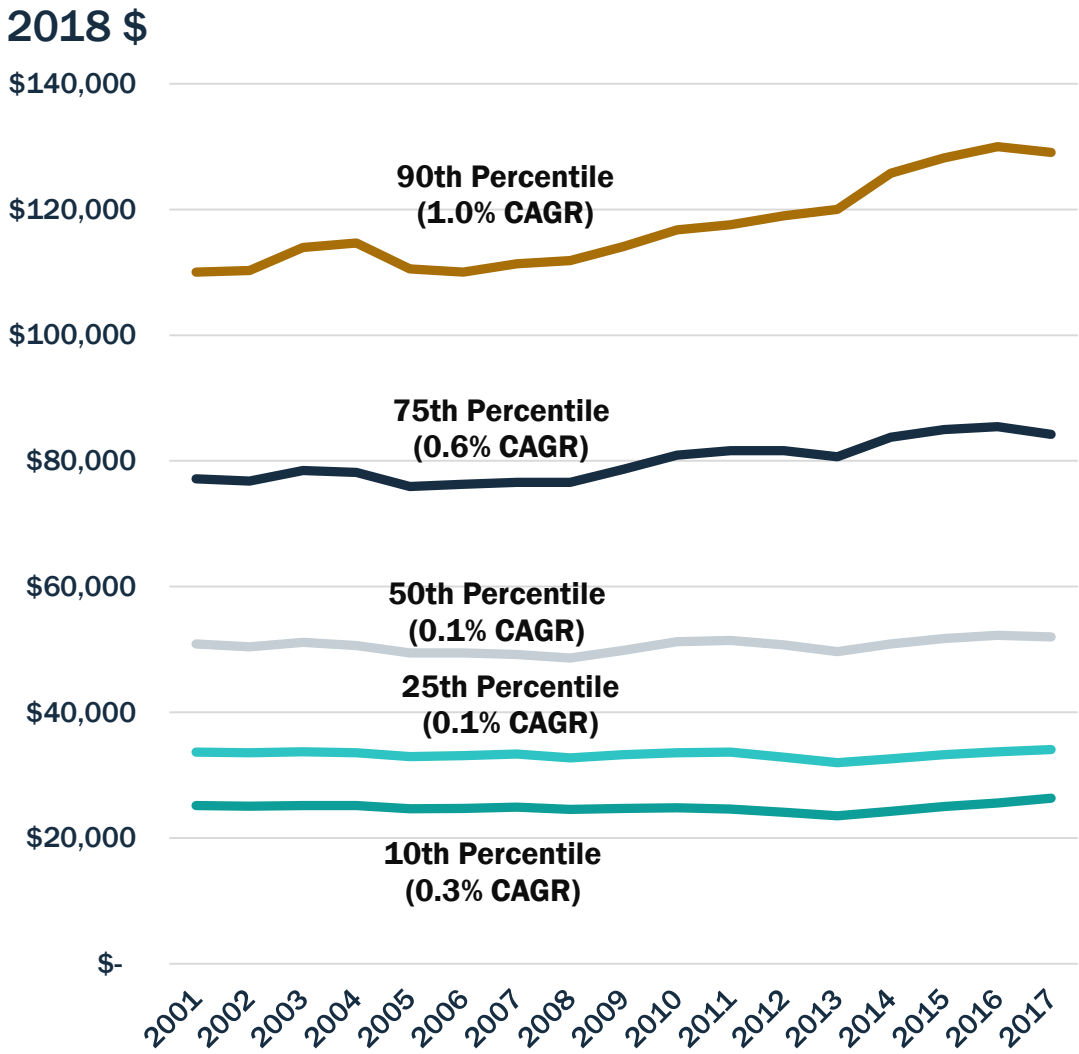
Workers & Income

Workers by Wage Range (2017 dollars)
King, Pierce, and Snohomish Counties



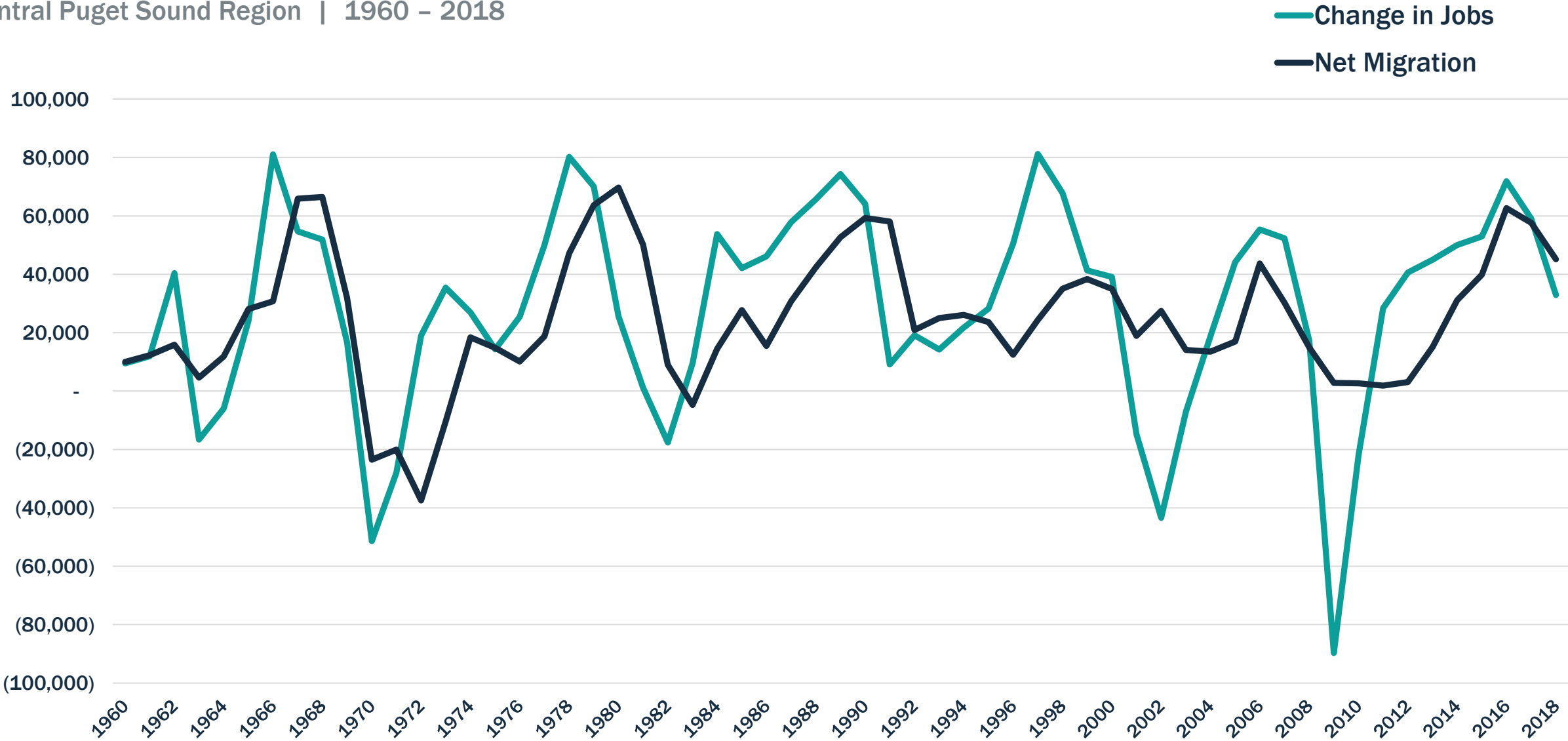
Sources: U.S. Bureau of Labor Statistics, OES, 2018; Community Attributes Inc.

Wages & Incomes
Seattle-Bellevue-Everett



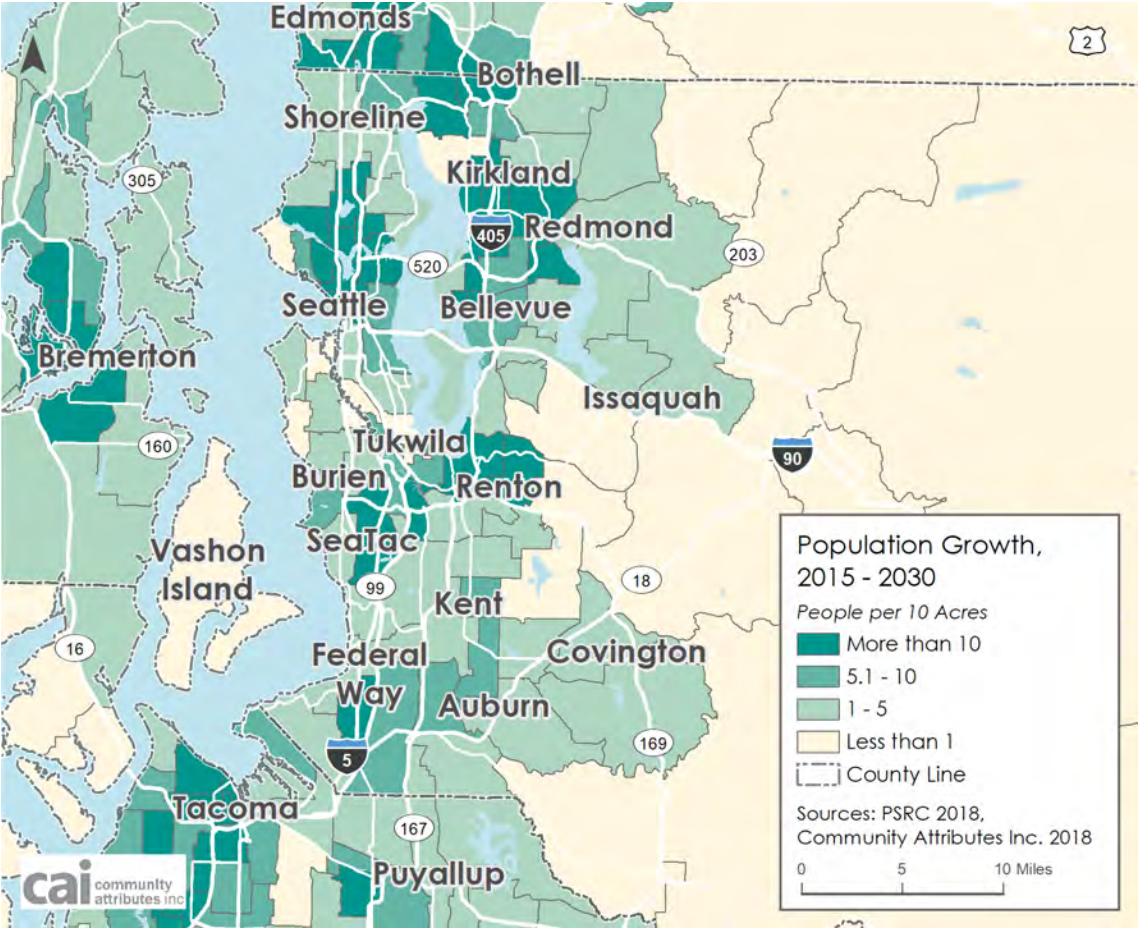
Change in Jobs & Net Migration

Central Puget Sound Region | 1960 – 2018

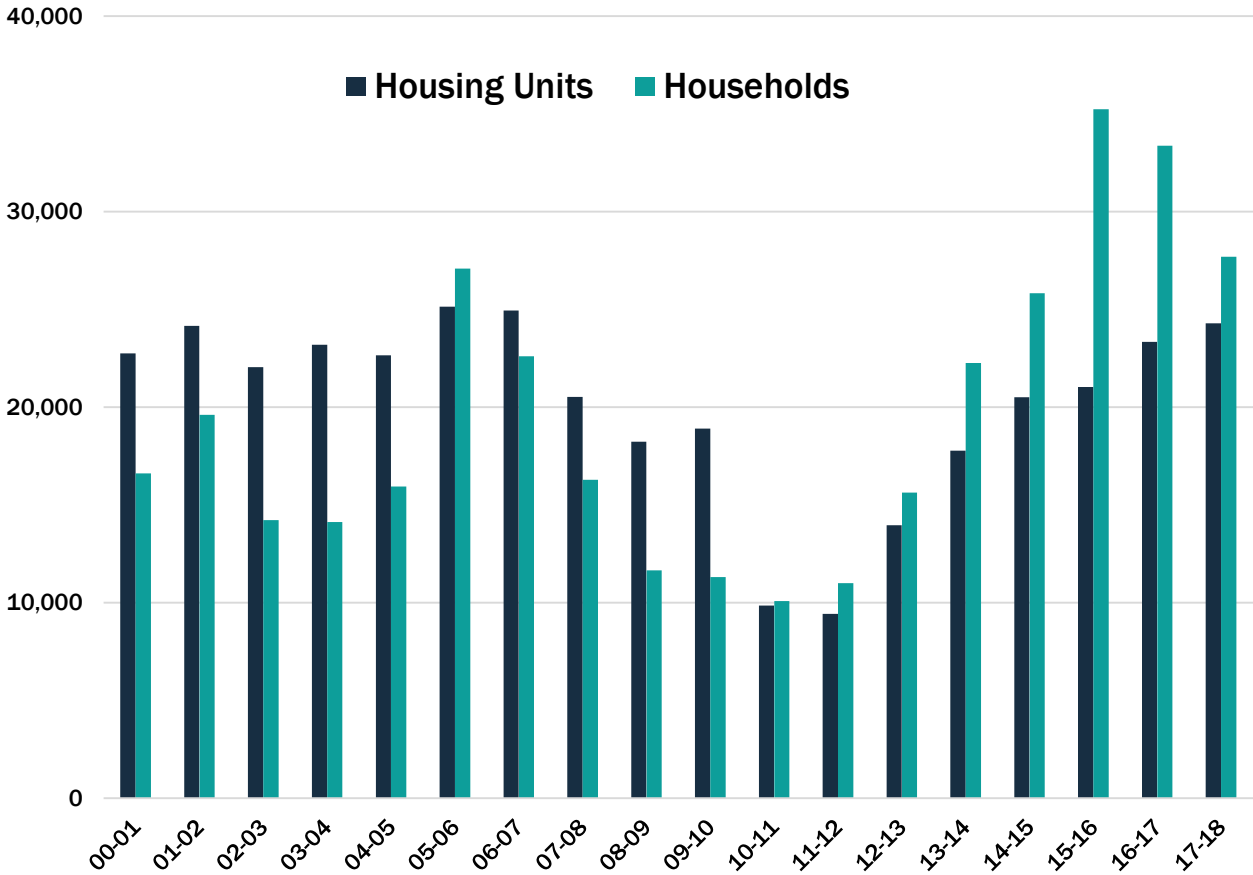


Source: WA Office of Financial Management, 2018. Community Attributes Inc.

Population Growth & Housing Unit Change

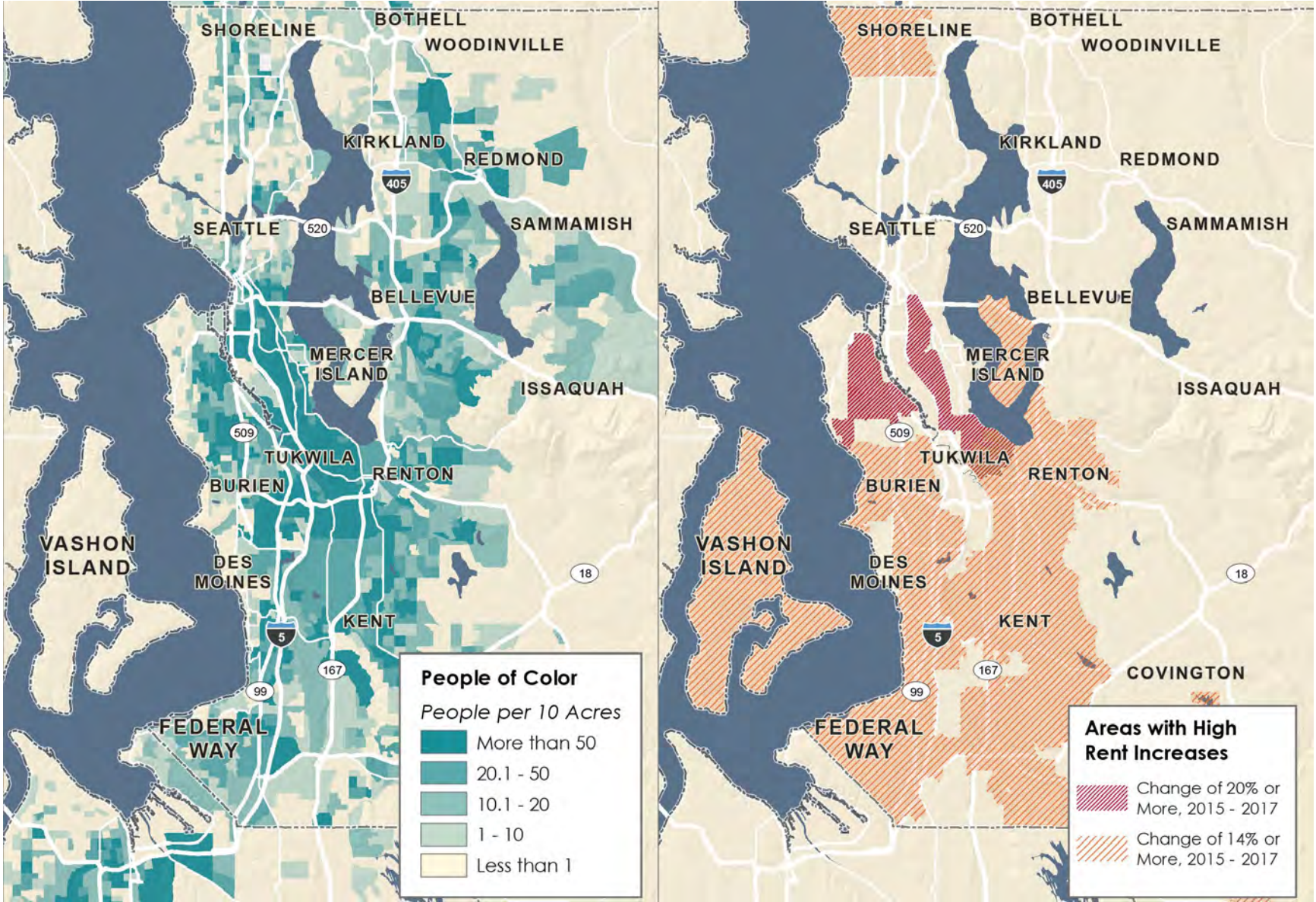


Annual Households & Housing Unit Change
Puget Sound, 2000-2018



Source: WA Office of Financial Management, 2018. Community Attributes Inc.

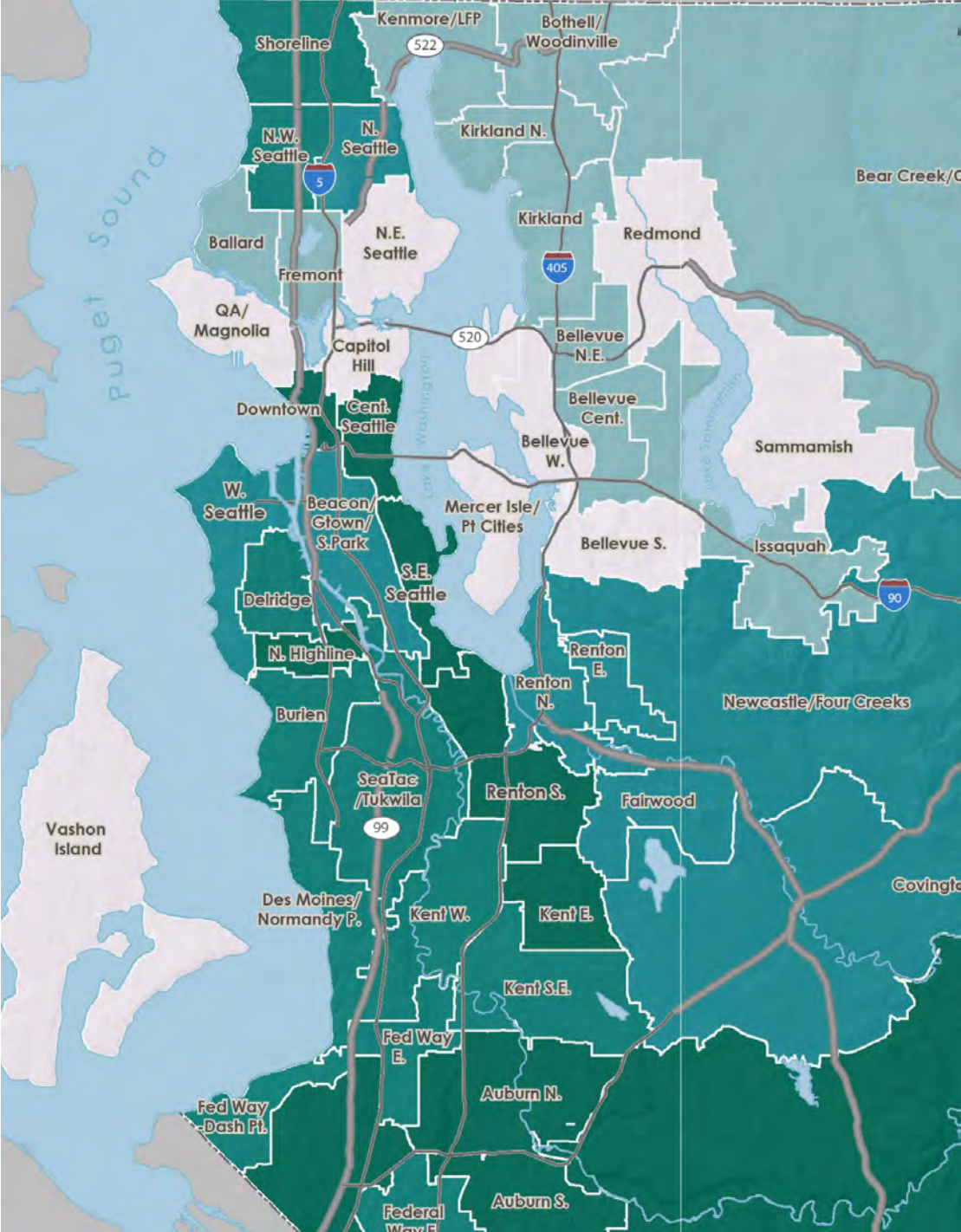
Gentrification & Displacement Risk



Sources: American Community Survey, 5-Year 2011-2015; Zillow 2018; Community Attributes Inc., 2018.

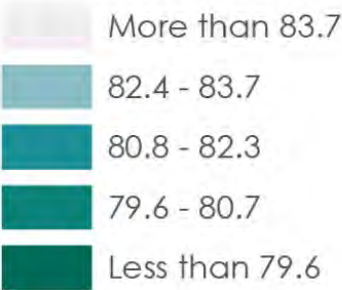
Life Expectancy

King County



Life Expectancy

by Health Reporting Areas,
2008-2012 average



Source: Public Health - Seattle &
King County; CAI 2016; WA State
DOH Community Attributes Inc.

Life expectancy is the number of years a
newborn can expect to live if the current
age-specific death rates stay the same for
his/her life.



Economic Development Pyramid



A satellite map of the Pacific Northwest region of the United States, showing the coastline of Washington, Oregon, and California. A semi-transparent teal band is overlaid horizontally across the middle of the image, serving as a background for the text.

Thank you!

Chris Mefford
President & CEO

cai community
attributes inc