

# CURRENT

*Waves, Tides, Rip Tides,  
and Tide Pools*



Kem C. Gardner

**POLICY INSTITUTE**

THE UNIVERSITY OF UTAH

DAVID ECCLES SCHOOL OF BUSINESS



# CURRENT

*Waves, Tides, Rip Tides,  
and Tide Pools*

**By Natalie Gochnour**



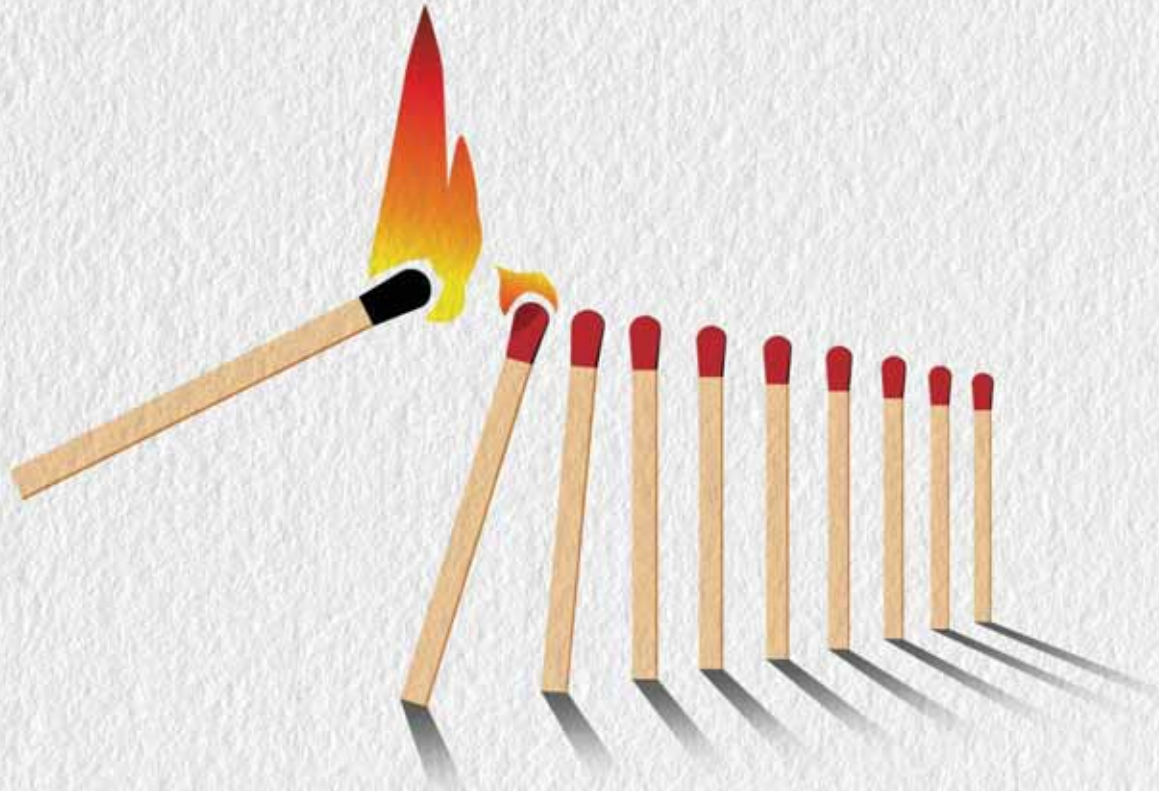
# *Prologue*

Intentionally provocative

My job is to make you think

Reasonable people can disagree

# Inflection point



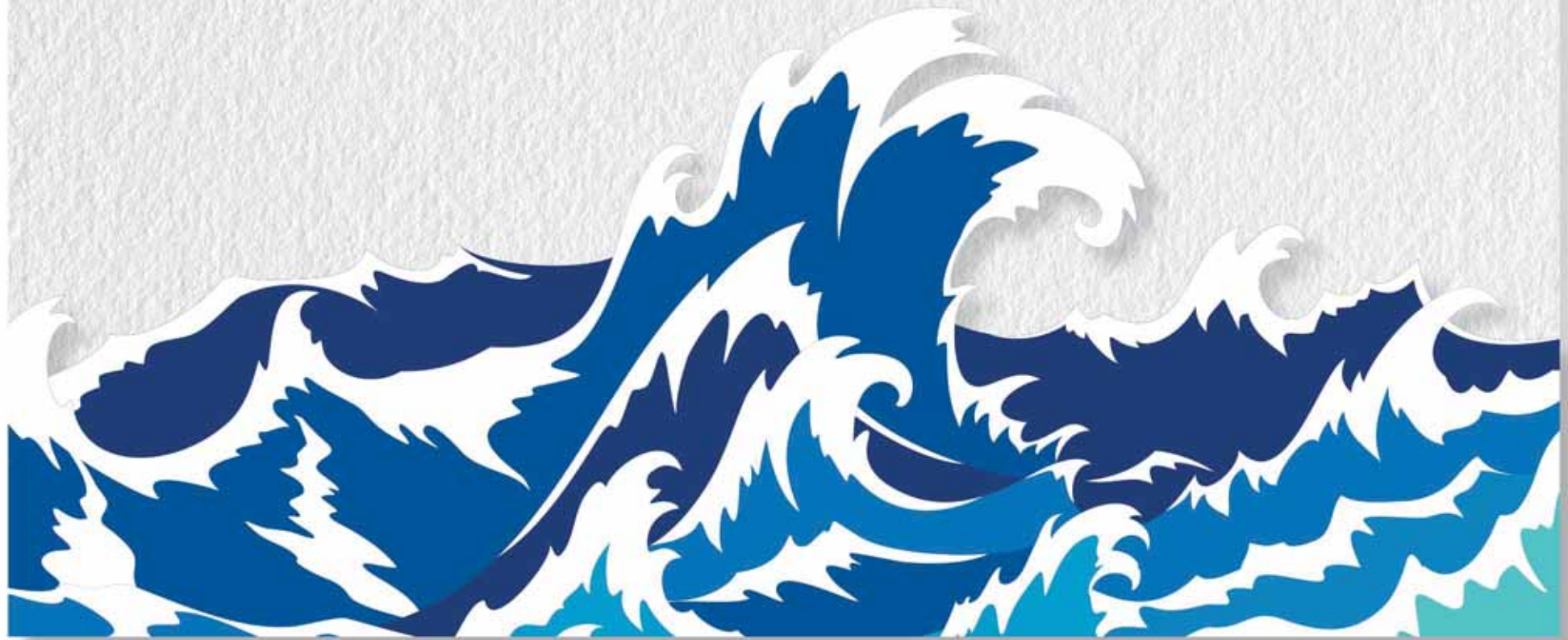


“Politicians don’t start parades.  
They find them, run up front,  
and march in them.”

Arthur Brooks

~ CHAPTER ONE ~

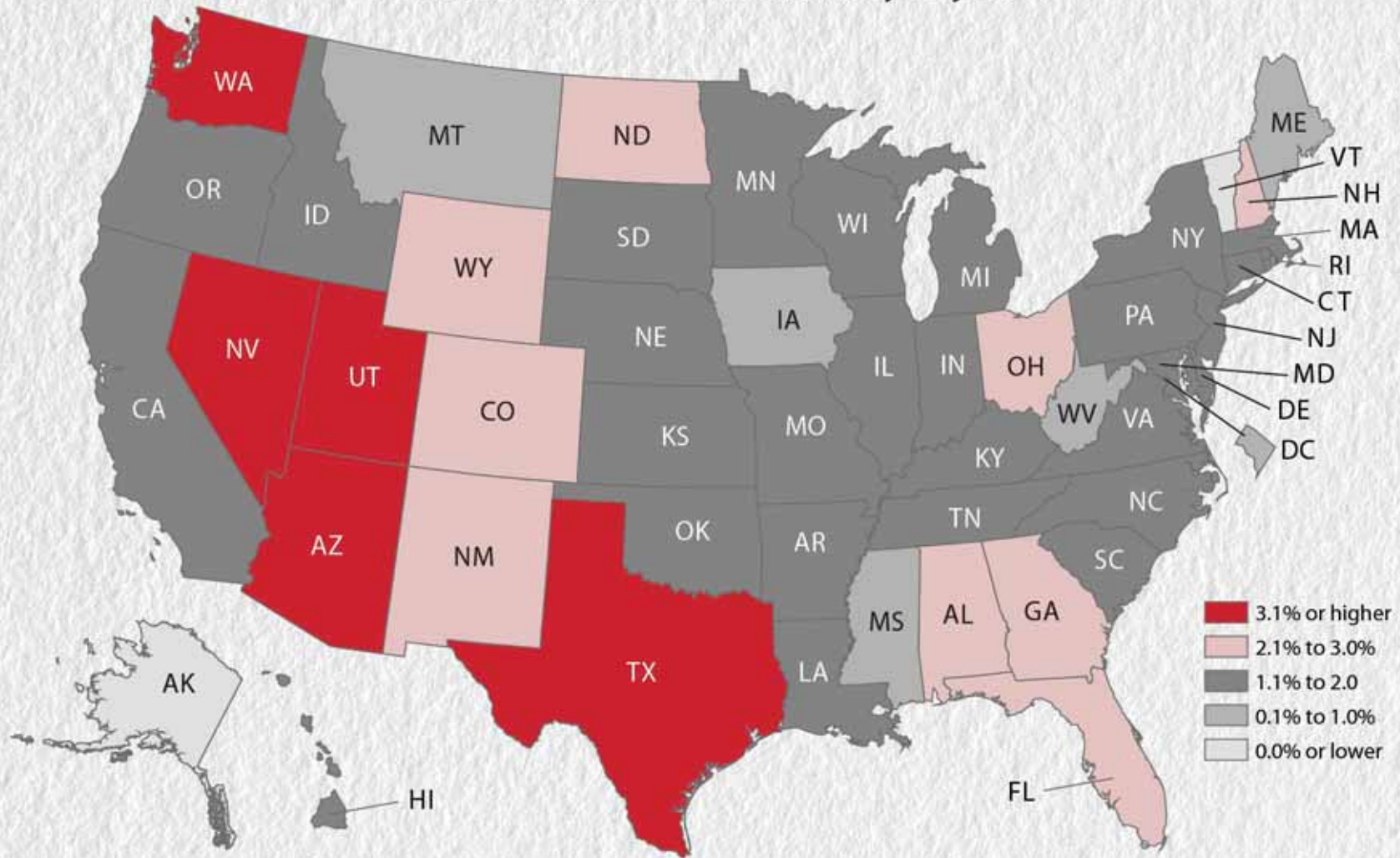
# *Waves*





# Job Growth by State

December 2017-2018, Seasonally Adjusted

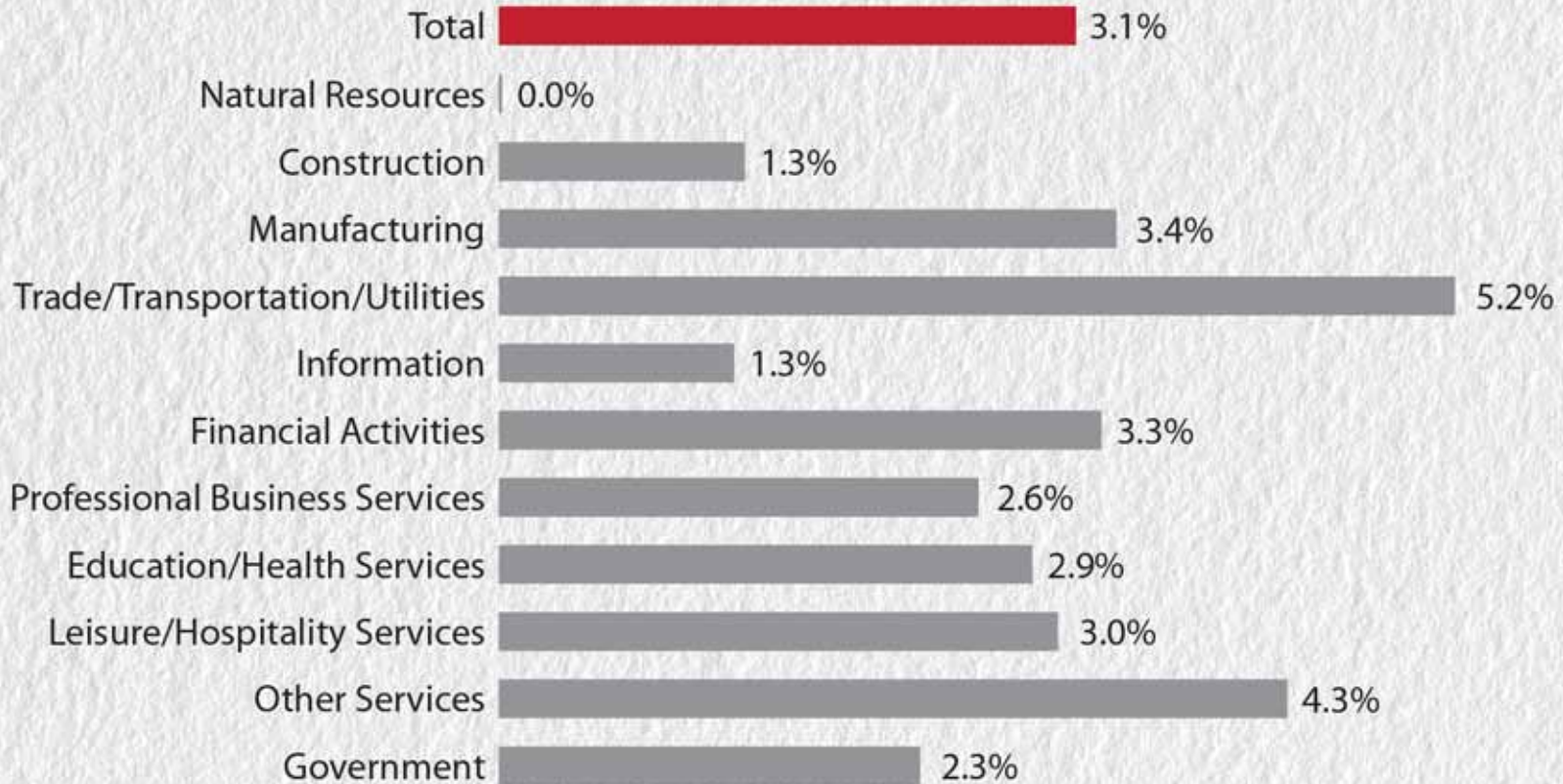


Source: Bureau of Labor Statistics



# Utah Job Growth by Industry

December 2017-2018



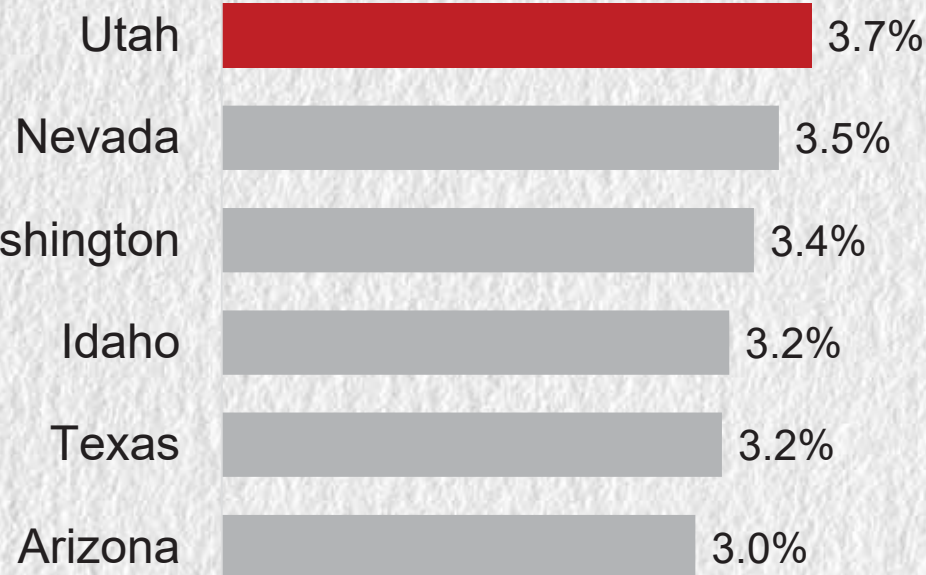
Source: Utah Dept. of Workforce Services



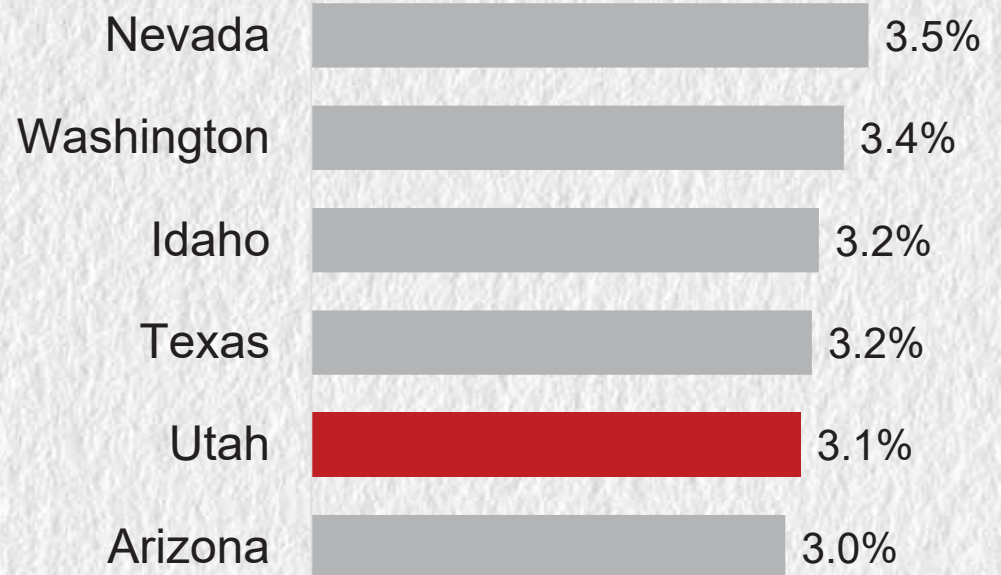
# States with Most Robust Job Growth

*With and without Utah County -- August 2017 – August 2018*

## ACTUAL



## WITHOUT UTAH COUNTY



Source: Gardner Policy Institute Analysis of Utah Dept. of Workforce Services and U.S. Bureau of Labor Statistics data

# Employment: Western Metros

1-yr vs. 3-mo performance (3-mo MA)

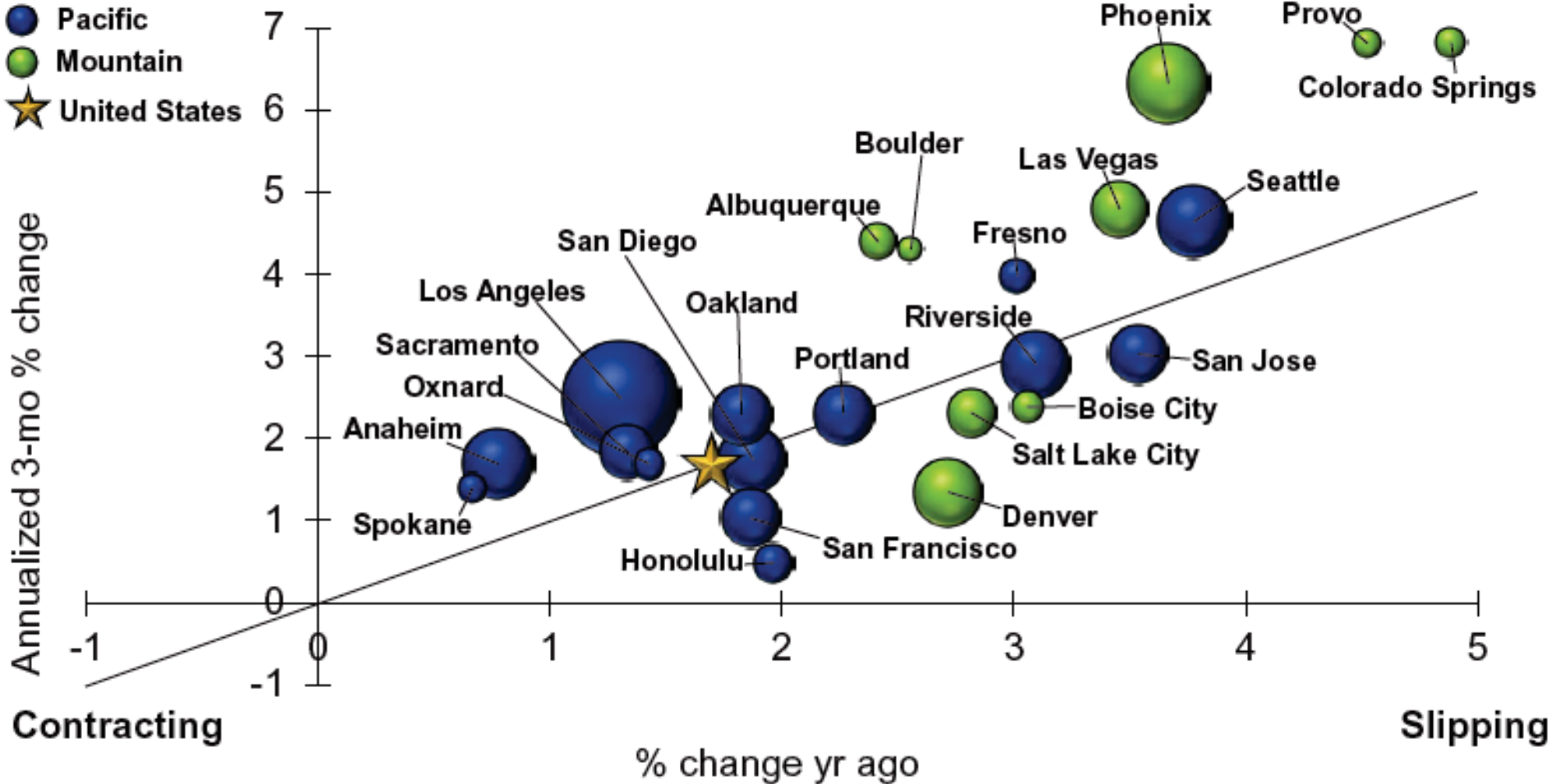
Oct 2018

Improving

- Pacific
- Mountain
- ★ United States

Expanding

- Provo
- Colorado Springs



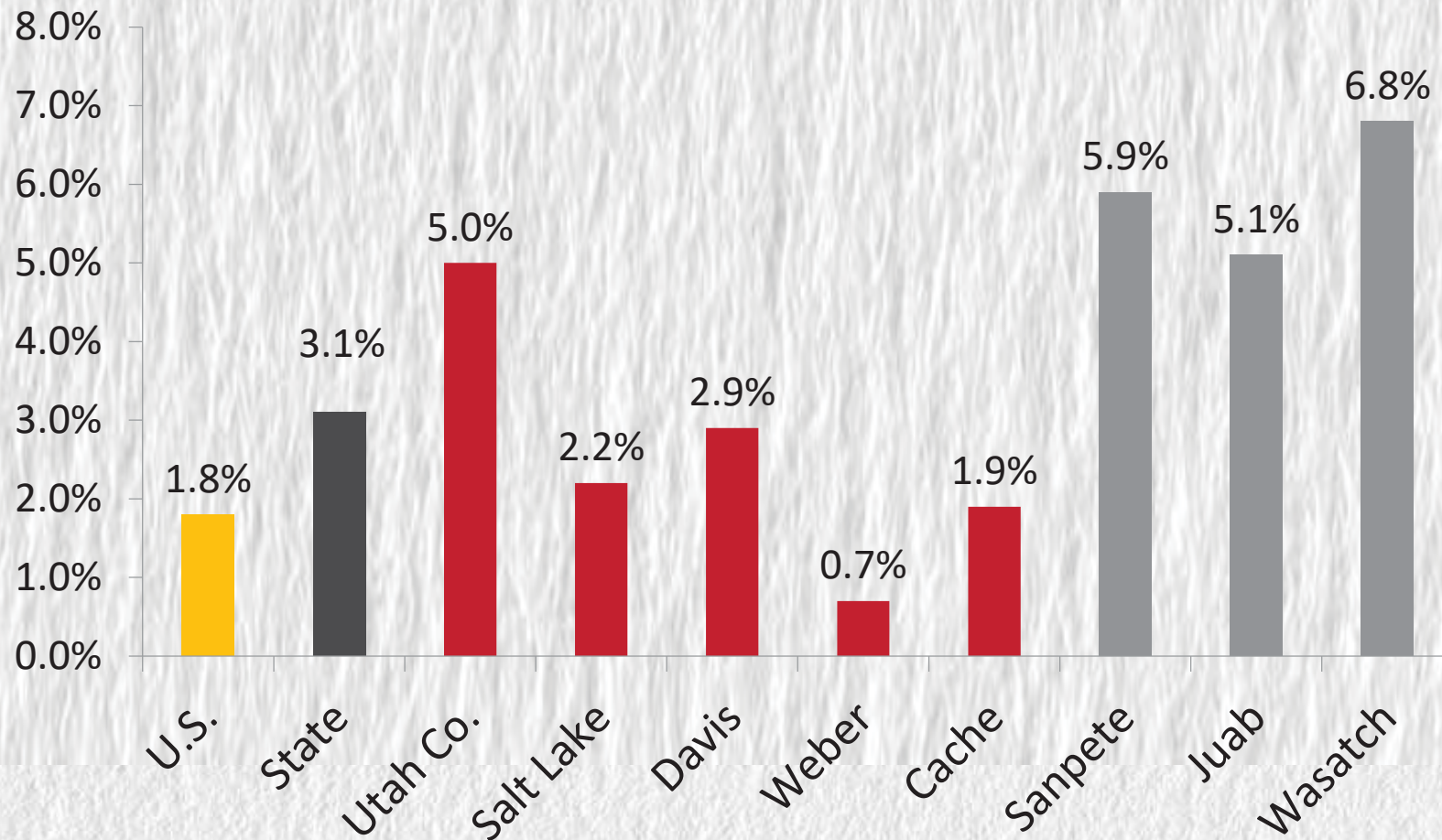
Note: Size reflects relative total employment

Source: Moody's Analytics



# Employment Growth by Select Counties

December 2017-2018



Source: Bureau of Labor Statistics



# Major Construction Projects

Underway or planned in Utah, 2018-2022

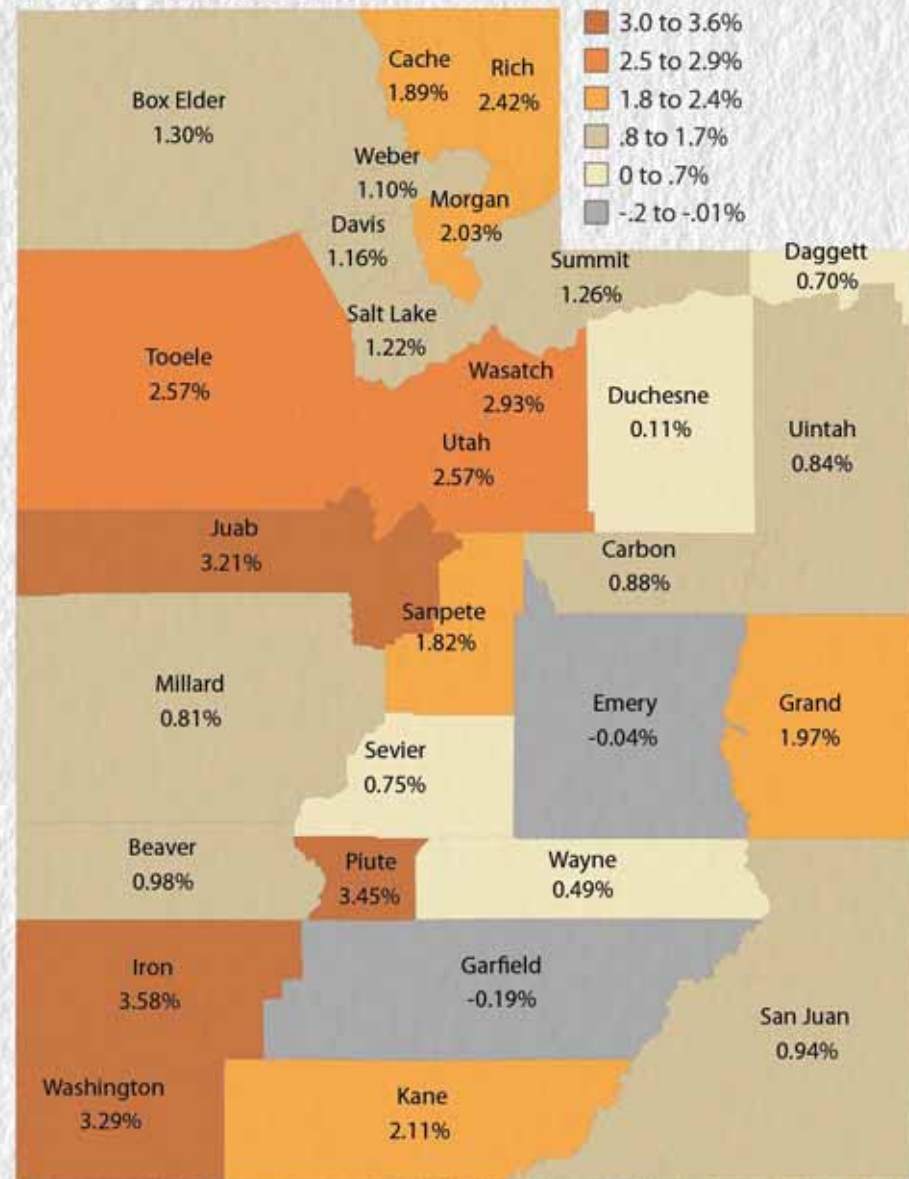
<b>Project</b>	<b>Estimated cost</b>
<b>Salt Lake City International Airport</b> .....	<b>\$3.7 billion</b>
<b>State highways and roads</b> .....	<b>\$1 billion</b>
<b>Utah State Prison</b> .....	<b>\$700 million</b>
<b>Four school districts' bonding for new and renovated schools</b> .....	<b>\$600 million</b>
<b>University of Utah Ambulatory Health and Education Complex</b> .....	<b>\$400 million</b>
<b>Convention center hotel</b> .....	<b>\$337 million</b>
<b>Park Avenue (Sugarhouse)</b> .....	<b>\$150 million</b>
<b>BioFire office building west SLC</b> .....	<b>\$99 million</b>

Source: Kem C. Gardner Policy Institute



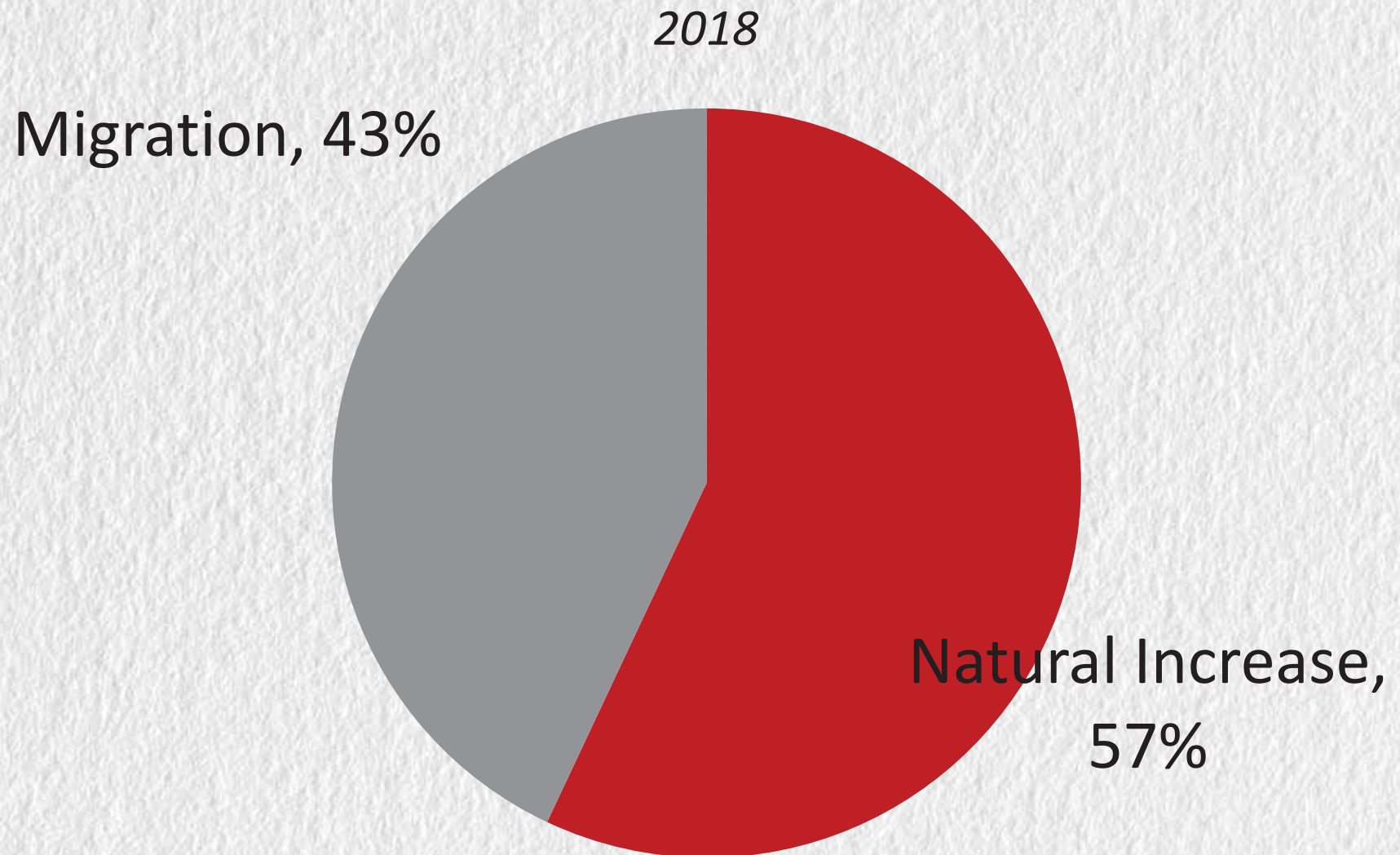
# Utah Population Growth 2017-2018

Percent Change, 2017-2018



Source: Utah Population Committee, Kem C. Gardner Policy Institute

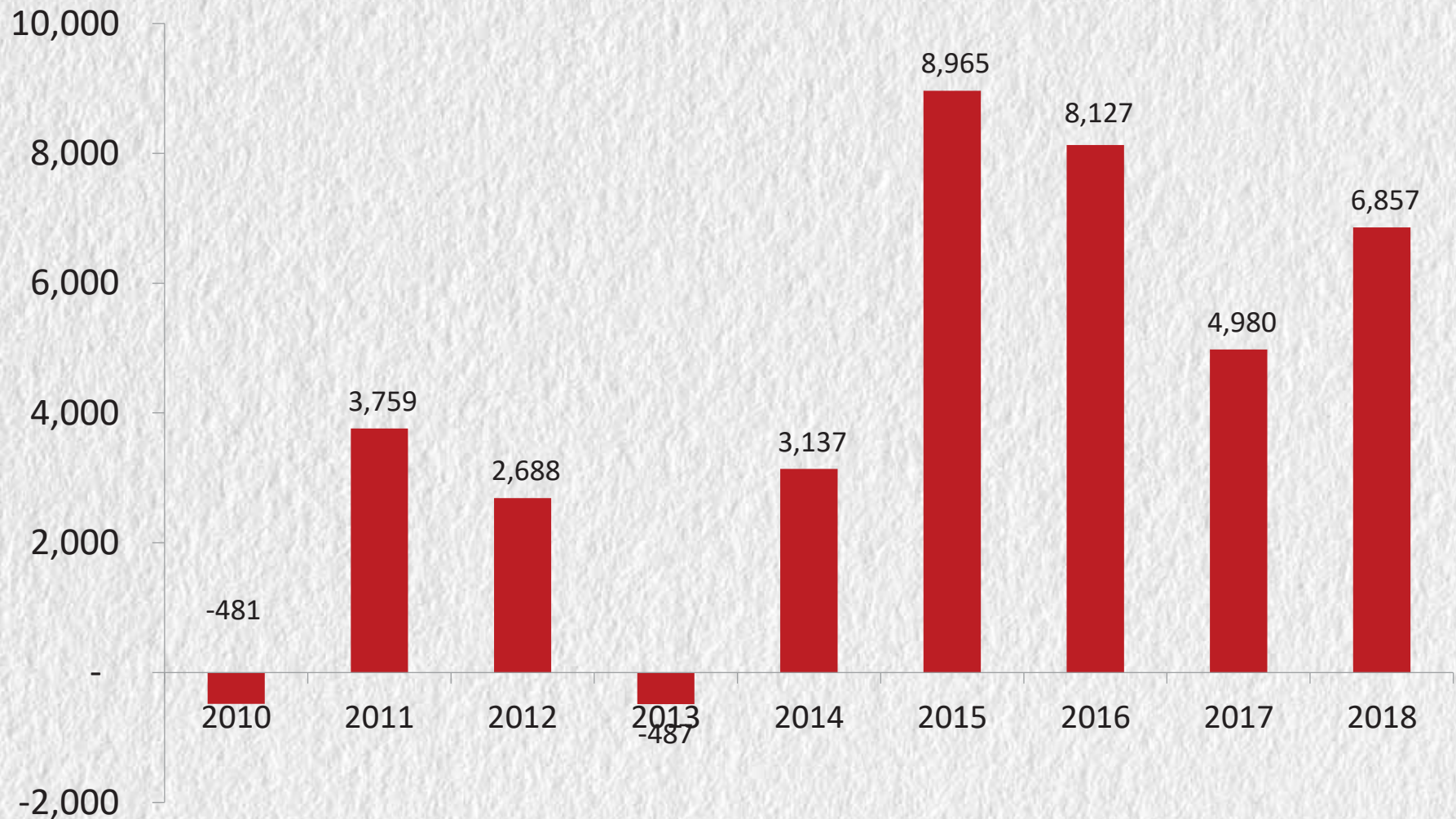
# Where does Utah County's growth come from?



Source: Kem C. Gardner Policy Institute



# Utah County Net Migration



Source: Kem C. Gardner Policy Institute, Utah Population Committee



# Distribution of Population Growth in Utah County

2010 - 2017

<b>Lehi city</b>	<b>16.6%</b>	Mapleton city	1.9%
<b>Saratoga Springs city</b>	<b>13.1%</b>	Payson city	1.5%
<b>Eagle Mountain city</b>	<b>11.4%</b>	Elk Ridge city	1.5%
<b>Orem city</b>	<b>10.6%</b>	Lindon city	1.0%
Vineyard town	6.8%	Alpine city	0.9%
Pleasant Grove city	5.9%	Cedar Hills city	0.6%
Provo city	5.4%	Unincorporated	0.5%
Spanish Fork city	5.2%	Draper city (pt.)	0.4%
Springville city	4.1%	Woodland Hills city	0.2%
Highland city	3.8%	Genola town	0.2%
American Fork city	3.3%	Goshen town	0.0%
Santaquin city (pt.)	2.8%	Cedar Fort town	0.0%
Salem city	2.0%	Fairfield town	0.0%

Source: Gardner Policy Institute analysis of U.S. Census Bureau data



# Average Annual Growth Rates in Median Sales Price of Home and Median Household Income

	Davis	Salt Lake	Utah	Weber
2000	\$53,726	\$48,373	\$45,833	\$44,014
2016	\$76,905	\$68,665	\$69,799	\$63,158
AAGR* Income	2.3%	2.2%	2.7%	2.3%
AAGR Single -Family Prices	4.0%	4.7%	4.3%	3.8%

AAGR = average annual growth rate.

Source: U.S. Census Bureau

~ CHAPTER TWO ~

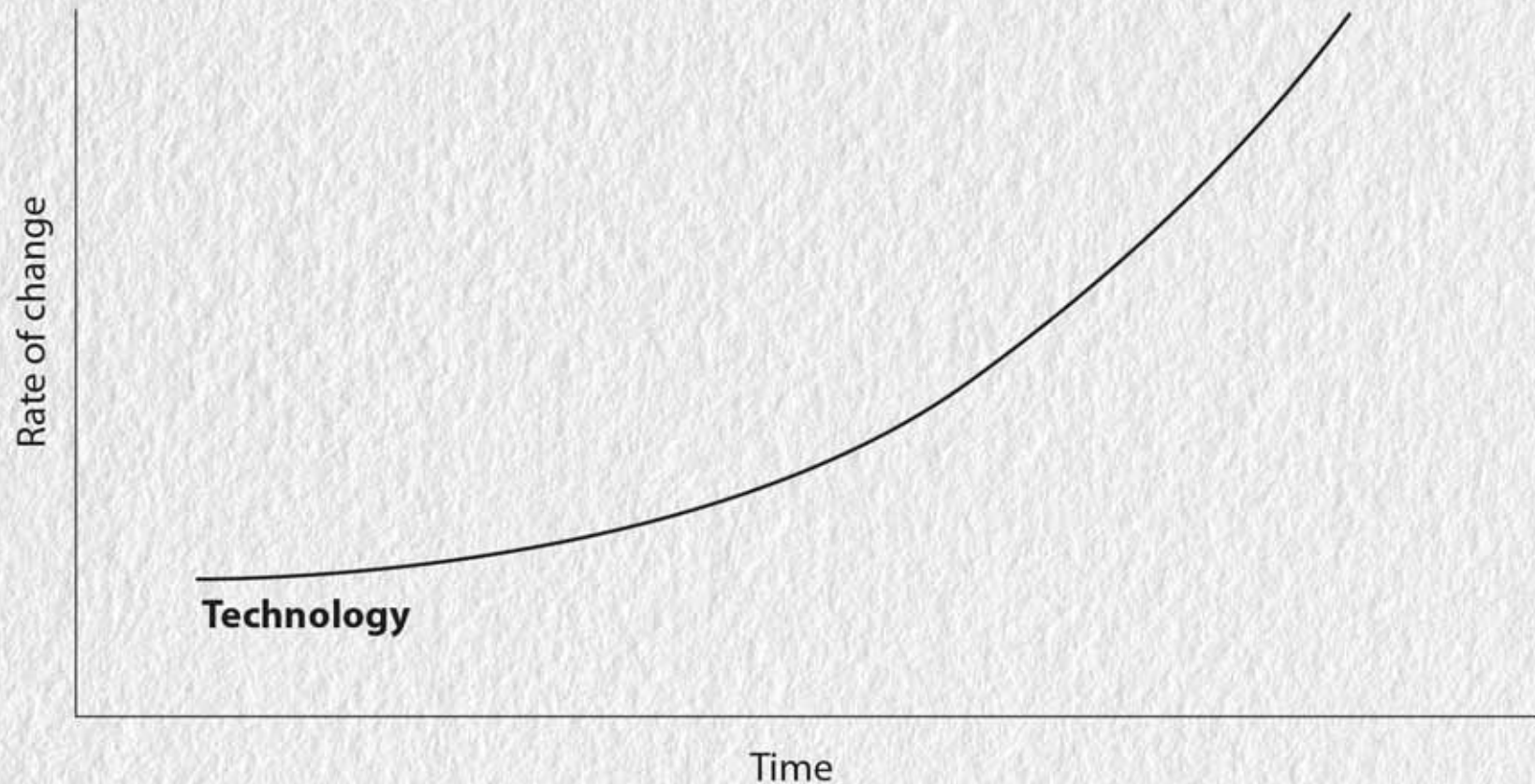
# *Tides*





# Dizzying and Accelerating Technological Change

If we enhance our ability to adapt even slightly it will make a significant difference.

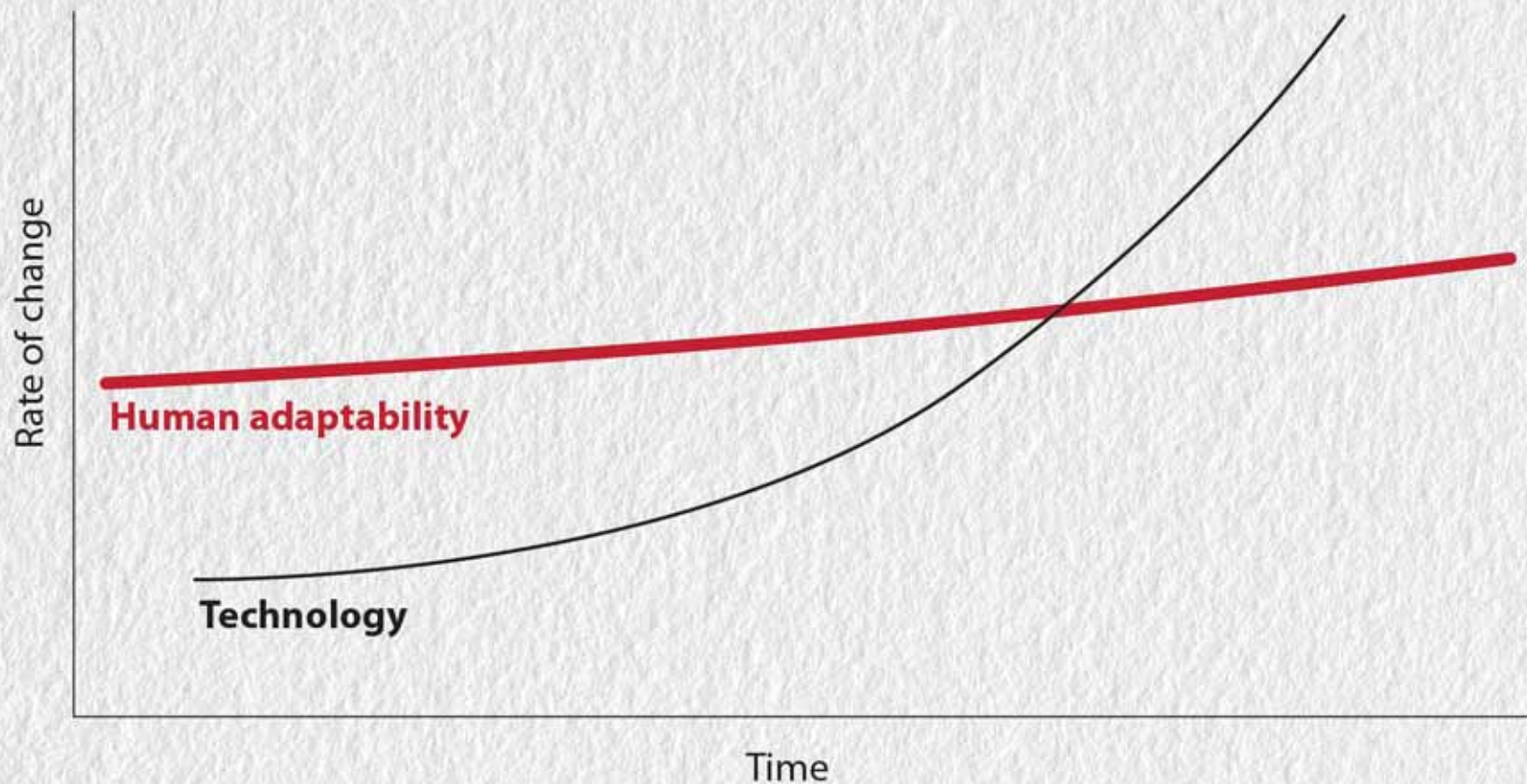


Source: *Thank You For Being Late*, Thomas L. Friedman



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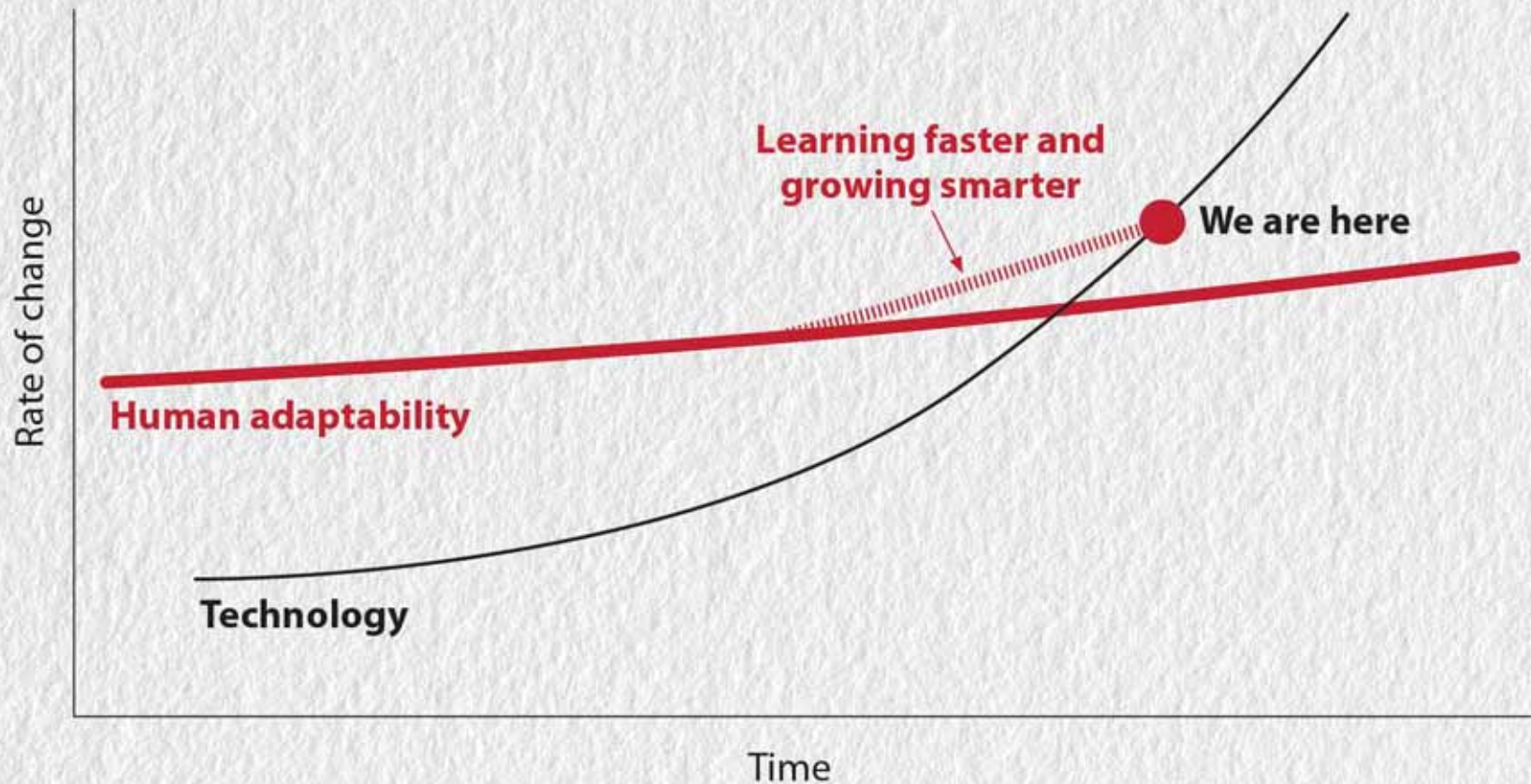


Source: *Thank You For Being Late*, Thomas L. Friedman



# Dizzying and Accelerating Technological Change

If we enhance our ability to adapt even slightly it will make a significant difference.



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# Linear Progress

Chevrolet Impala, 6 cylinder

	1958	2016
Price (\$2016).....	22,231	28,400
Horsepower .....	145	305
Top Speed .....	95 mph	155 mph
0-60 .....	14.2 seconds	6.3 seconds
Miles per Gallon .....	13.8	22



# Exponential Progress

Volkswagen Beetle

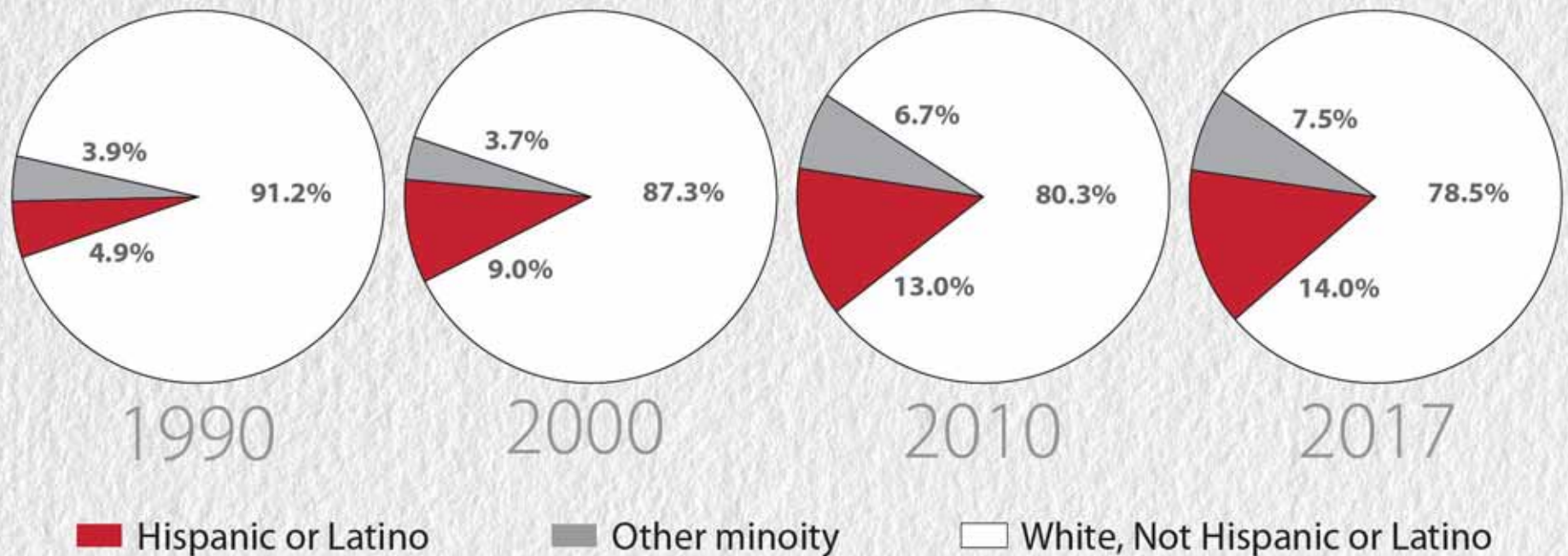
	1971	2016
Price (\$1971).....	2,050	0.04
Top Speed .....	90 mph	300,000 mph
Miles per Gallon .....	30	2,000,000

*Computing Power, Memory,  
Storage, Sensors, Networking*



# The Changing Face of Utah

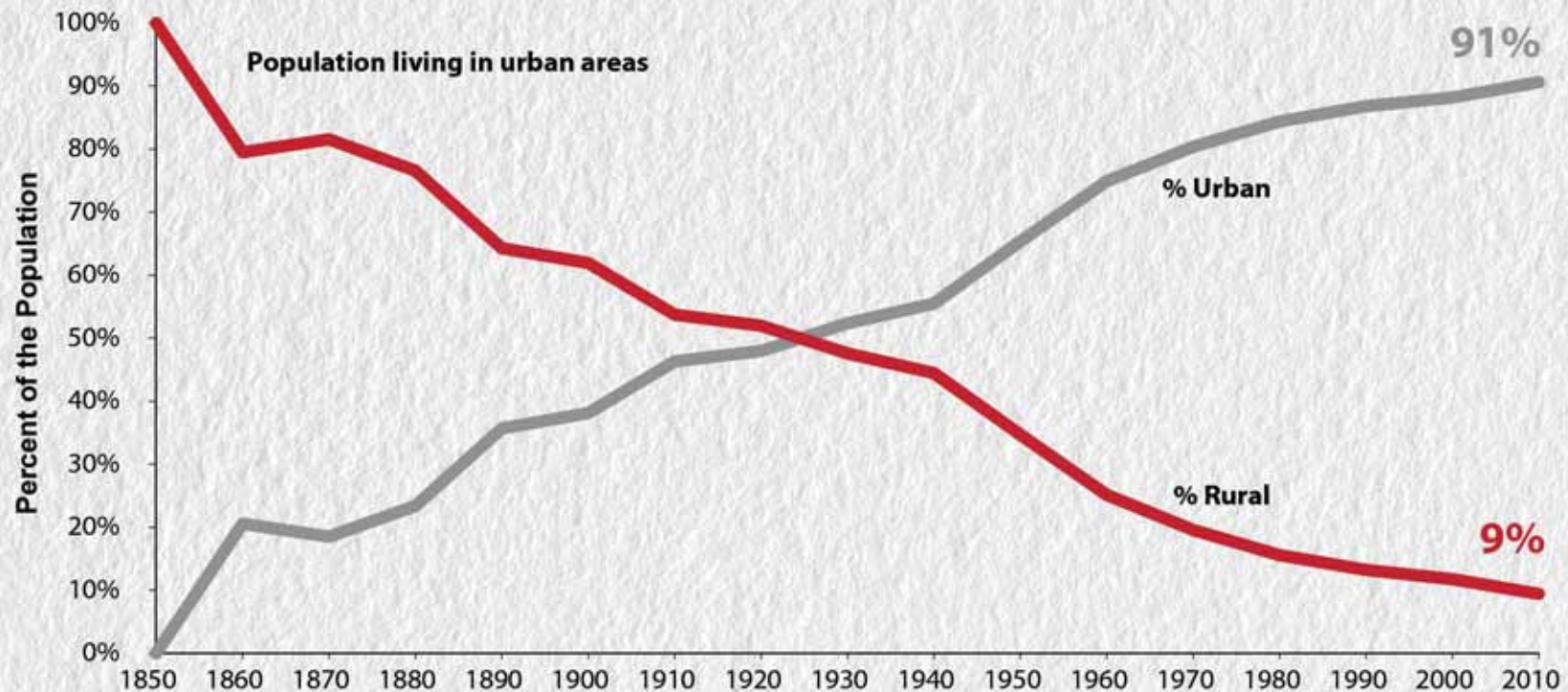
Minorities' share of population more than doubled in past 25 years



Sources: U.S. Census Bureau, Population Division and U.S. Census Bureau, Decennial Census



# Urban States Have Urban Challenges

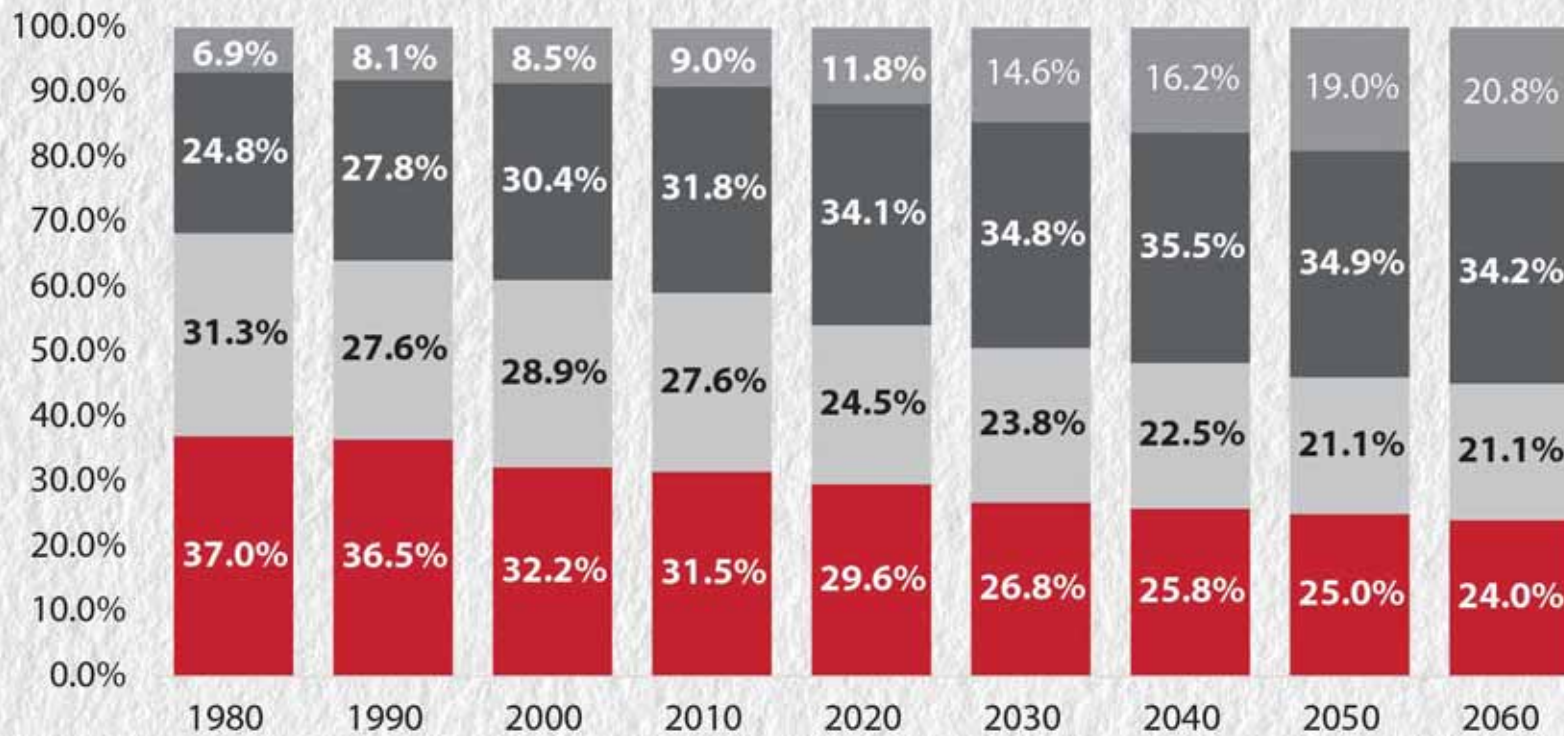


Source: U.S. Census Bureau



# Graying of Utah

The population aged 65+ increases from approximately one in 10 today to one in five over the next 40 years.



Sources: U.S. Census Bureau Decennial Census and Kem C. Gardner Policy Institute



# Oh Mother, Where art thou?

Total fertility for Utah and the United States

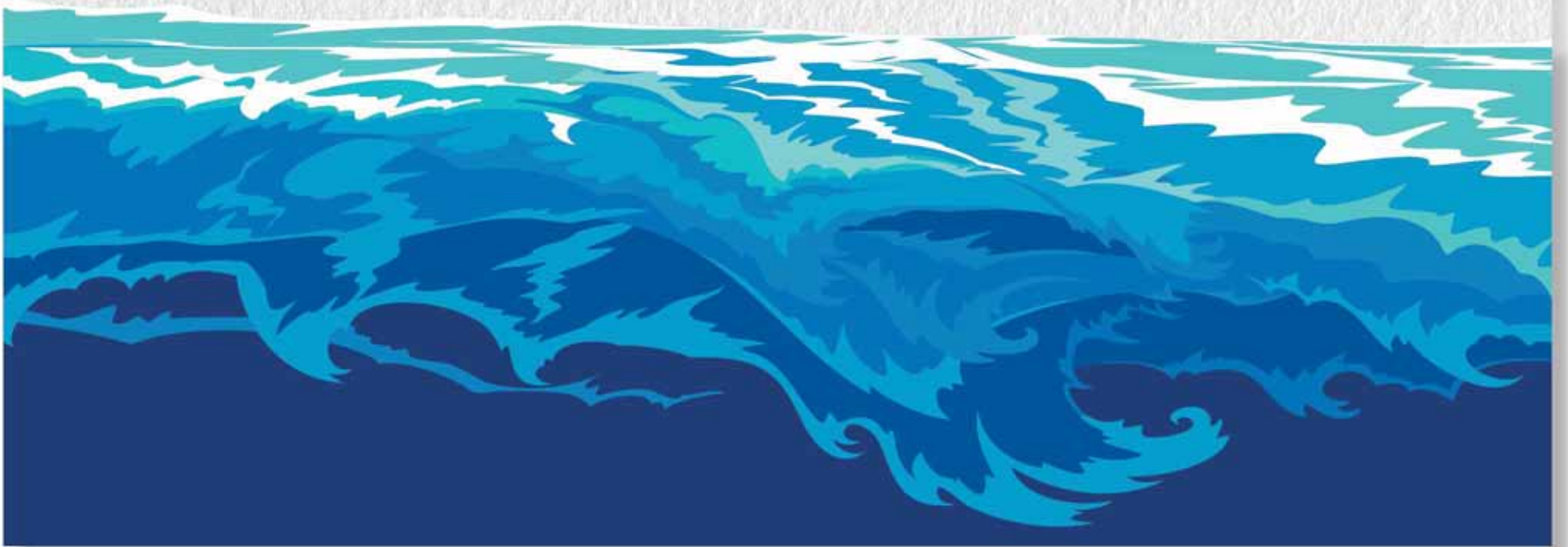
**Total fertility rate**



Source: National Center for Health Statistics

~ CHAPTER THREE ~

# *Rip Tides*



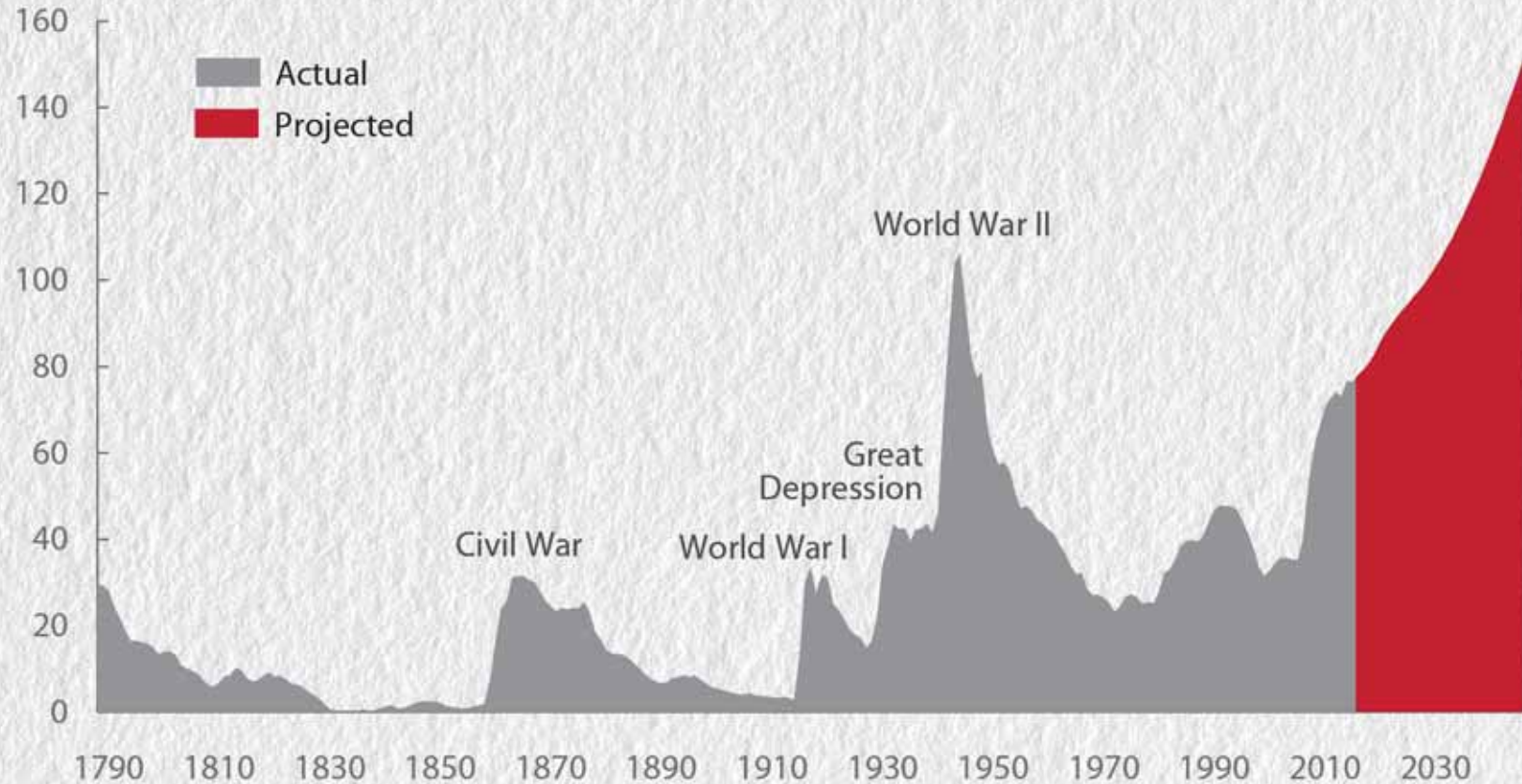


“The thing that worries me is that the attacks on these institutions...you are really attacking the rule of law and the checks and balances... the worry is do the people themselves really understand how troubling this is... where in a riptide it could really roll us over.”

Doris Kearns Goodwin, Meet the Press, 11/25/18

# Crushing Burden of Debt

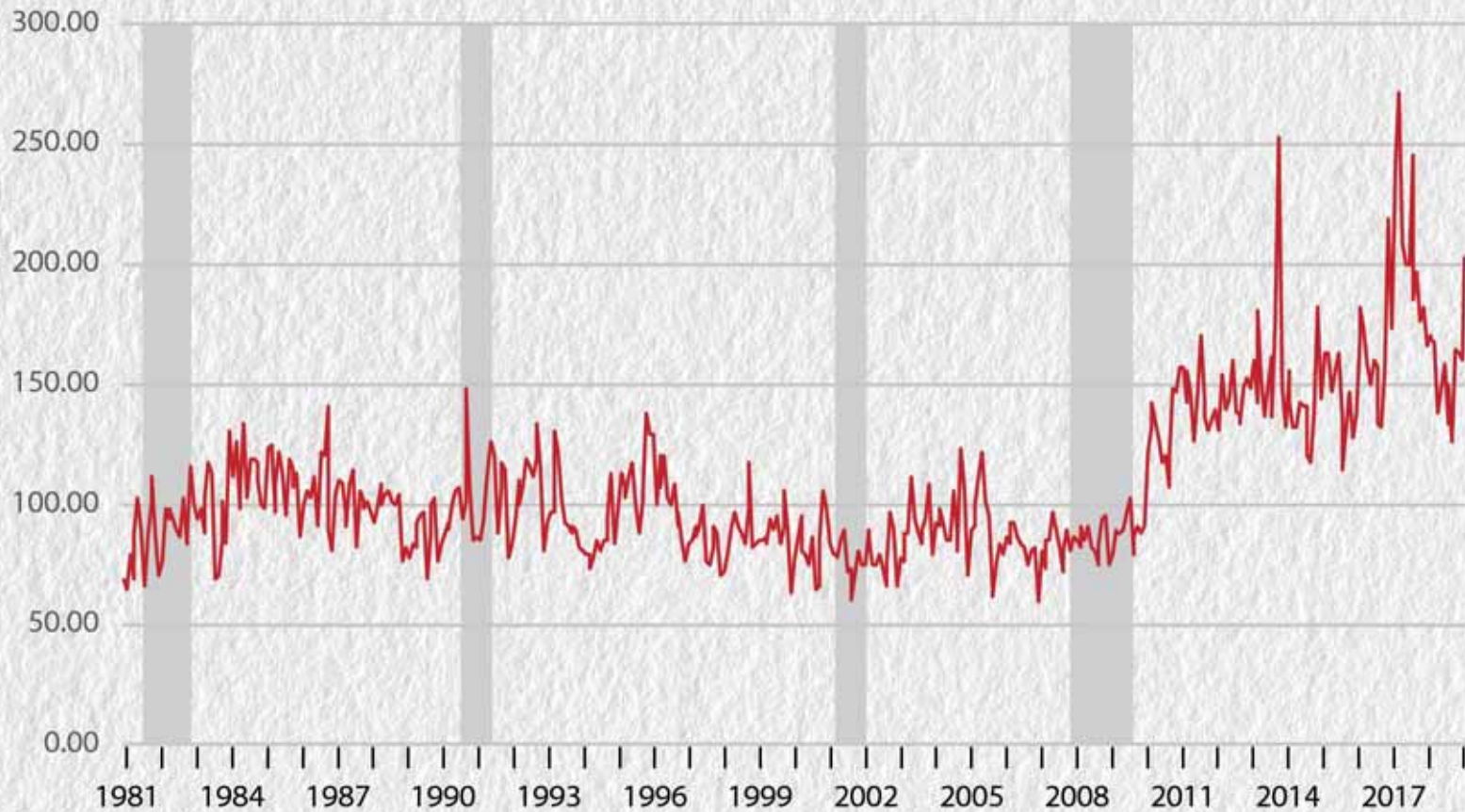
U.S. Debt held by public as a share of economy



Source: Congressional Budget Office 2018 long-term budget outlook



# Partisan Conflict Index

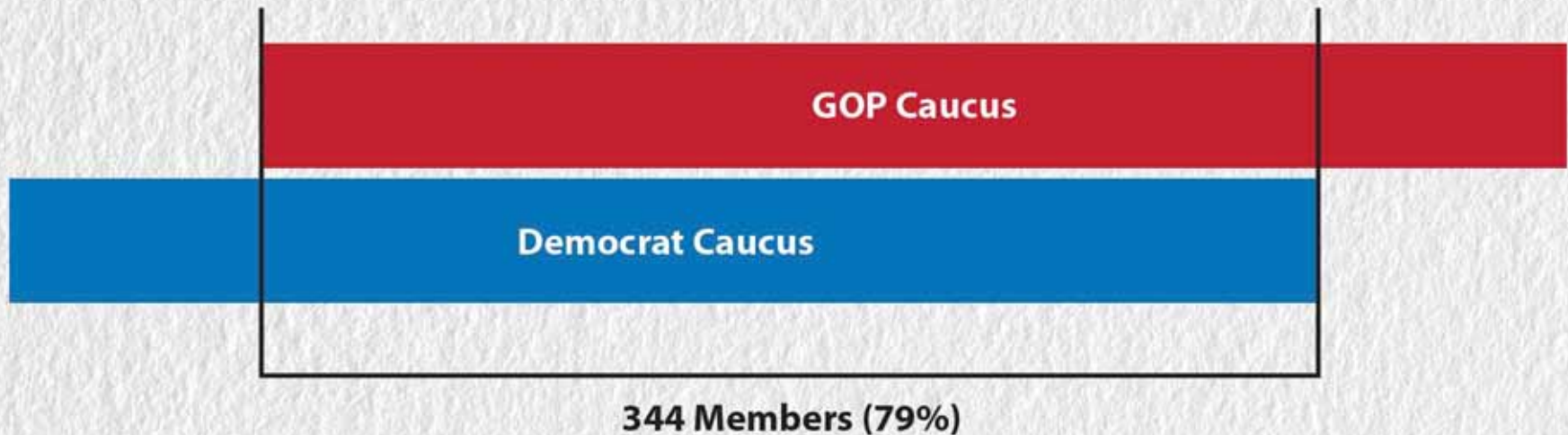


Notes: Average of 1990 = 100. Shaded areas indicate NBER recessions.  
Source: Federal Reserve Bank of Philadelphia



# Make-up of House of Representatives

1982

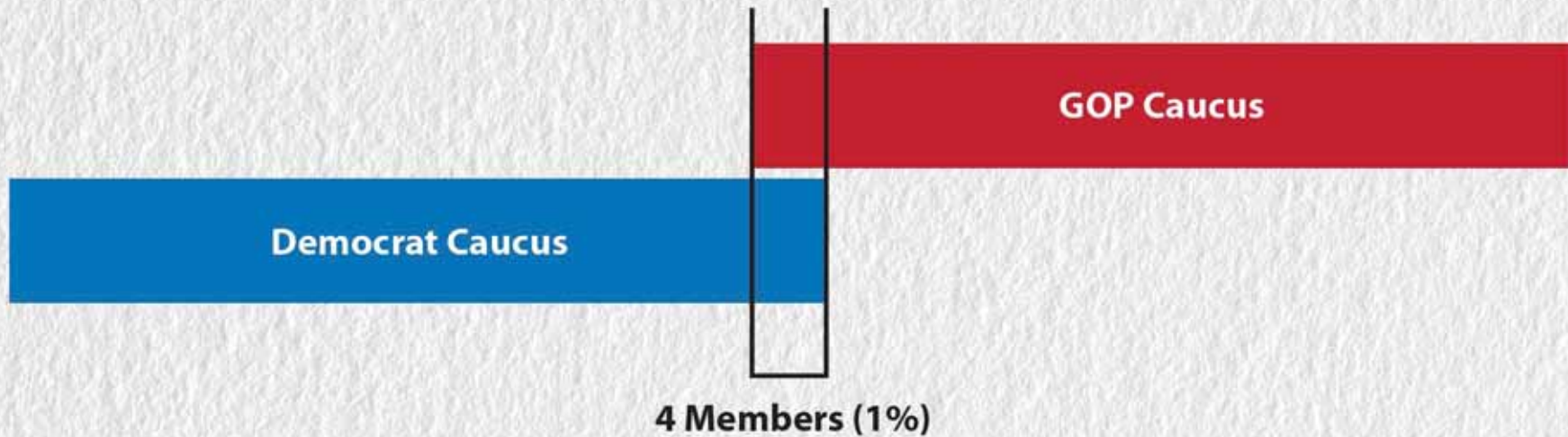


Source: National Journal Vote Rankings from a presentation by Mehlman Vogel Castagnetti



# Make-up of House of Representatives

2013

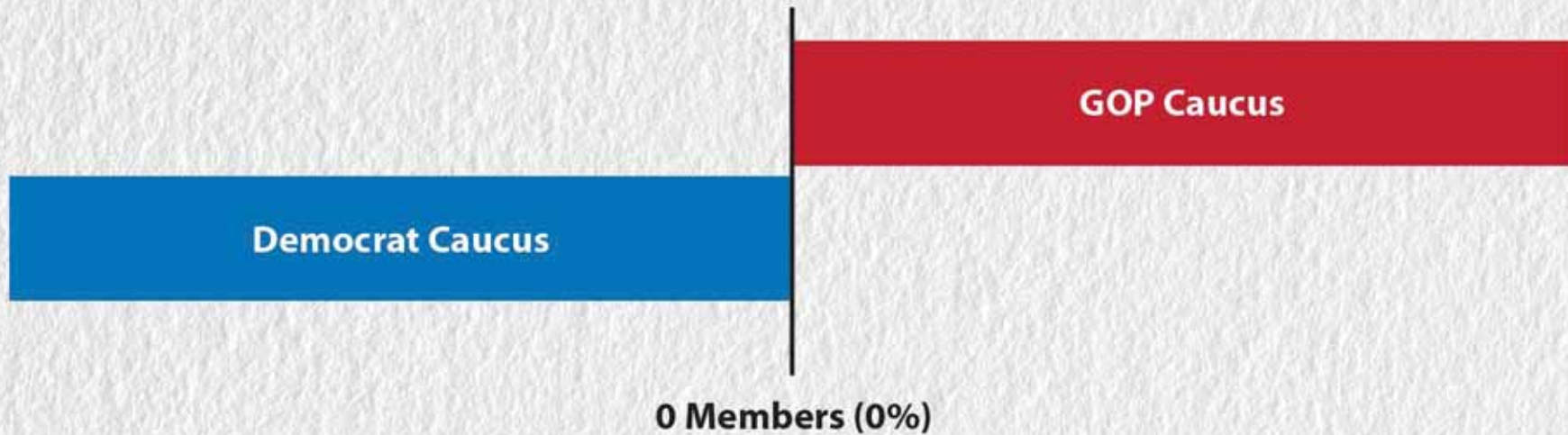


Source: National Journal Vote Rankings from a presentation by Mehlman Vogel Castagnetti



# Make-up of U.S. Senate

2013



Source: National Journal Vote Rankings from a presentation by Mehlman Vogel Castagnetti



“Trump is telling people something is rotten in the state of America. The message resonates because the rot is there.”

Roger Cohen, *New York Times* Columnist



“He has an advantage on me.  
He can say everything he knows  
about any subject in 140  
characters, and I can’t.”

George Will



“If America becomes a predator on all the treaties, multilateral institutions and alliances holding the world together; if America goes from being the world’s anchor of stability to an engine of instability; if America goes from a democracy built on the twin pillars of truth and trust to a country where its acceptable for the president to attack truth and trust on a daily basis, watch out: Your kids won’t just grow up in a different America. They will grow up in a different world.”

Thomas Friedman, *New York Times*, 12/24/18



~ CHAPTER FOUR ~

# *Tide Pools*





# Fourth Industrial Revolution

“The convergence of digital technologies with breakthroughs in materials science and biology means that we are seeing the emergence of entirely new ways in which to live. In both subtle and explicit ways, technology is also changing what it means to be human.”

Marc. R. Benioff, Chairman and CEO Salesforce





## Airport Rebuild





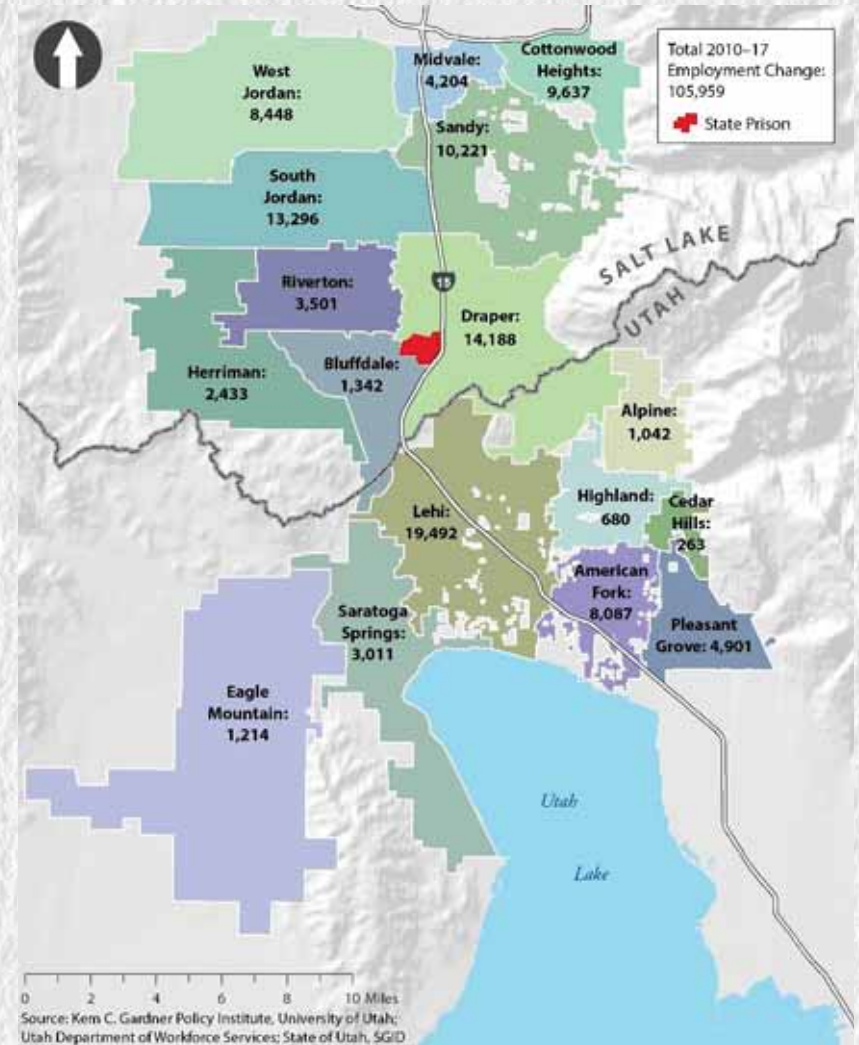
# Inland Port



# Utah's Silicon Slopes Corridor

## Key Stats

- 25 miles
- 17 cities
- 74,744 net new jobs since 2010
- 283,702 total jobs
- 37% of increase in jobs statewide 2010-2017
- Annual growth averages 6.9%



Source: Kem C. Gardner Policy Institute





## 2030 Olympic Winter Games



“Although we come from diverse backgrounds and experiences, we can work side-by-side, sunup-to-sundown, with the spirit of cooperation to lay a foundation for our future prosperity.”

Gov. Gary Herbert



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