

#### Miserabilism!

Why many Americans aren't benefiting from robust U.S. economy

Market plunge reveals growing investor pessimism in US economy

The US economy is strong. Three signs it won't last Recession in 2020, Economists Forecast. Trump

U.S. Economy Will Slow in 2019, May Enter **Administration Disagrees** 

Millennials poorer than previous generations, data show

For the U.S. Economy, Storm Clouds on the Horizon

> We're Measuring the **Economy All Wrong**

The American Middle Class Hasn't **Gotten A Raise In 15 Years** 

Treasury Market Flashing A **Warning For U.S. Economy** 

The official statistics say that the financial crisis is behind us. It's not.

#### A look back

## NBER says U.S. recession began December 2007

Mon Dec 1, 12:20 pm ET WASHINGTON (Reuters) – The U.S. economy slipped into recession in December 2007, the National Bureau of Economic Research's business cycle dating committee announced on Monday.

#### So what's going on?

- · A fall to remember
  - Heard on the street "There are only two positions out there: cash, and fetal"
  - Its not 'what Wall Street troubles mean to California', its 'what California troubles mean for Wall Street'
  - Recession was already fully underway even if many economists and politicians remained in deep denial
- · What went wrong
  - The big three imbalances: housing, finance, and the consumer
- · Where from here?
  - Things are bad.. But not THAT bad! So far the numbers are in line (if a bit worse) than past recessions, and proportionate to the imbalances in the economy...
  - Recovery is a given, the big question is when

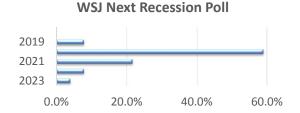
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#### Will the Real Economy Please Stand Up?

#### Why so glum?

- 2018 Growth: 3.2% with .75% fiscal stimulus after-burner
- Labor markets, consumer spending, business investment, wages, exports, energy, debt levels still all on steady sustainable paths
- Interest rates, inflation still constrained
- 2019: back to a solid pace of 2.5% growth
- Still a low chance of recession in next 24 months
- Southern California: Still out in front



It isn't the 'when', it's the 'why'

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### Will the Real Economy Please Stand Up?

#### • Brakes and Imbalances

- Labor shortages impacting employers
- Local Housing Shortages
- Recent market volatility / rising long term rates
- Aggressive Fed, flattening yield curves
- Sharp growth in government deficits
- The Federal government shutdown
- Global trade / security worries

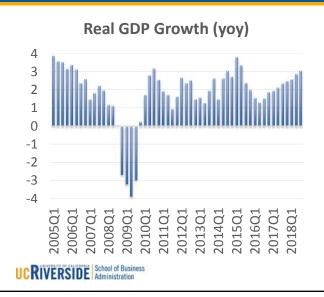
#### Political Dysfunction

- Little effort to deal with underinvestment in infrastructure, rising wealth inequality, healthcare cost inflation, pension and entitlement issues, etc etc
- The great disconnect between economic realities and political discourse



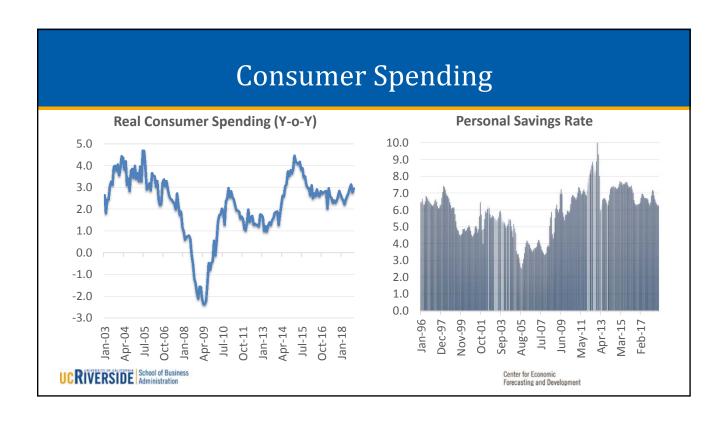
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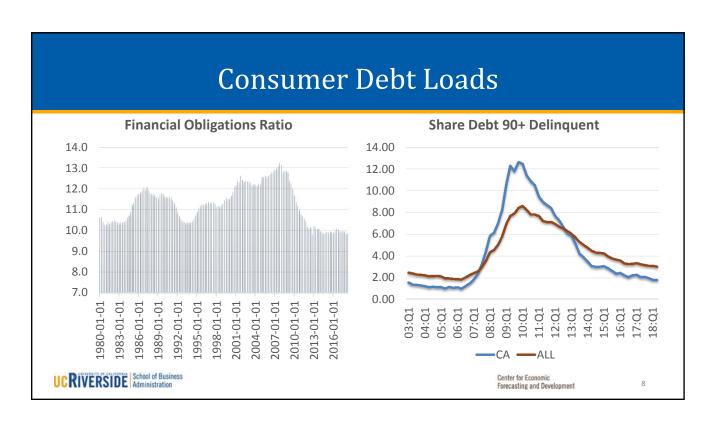
### GDP: Q3 3.5%, Q4 tracking 2.5%



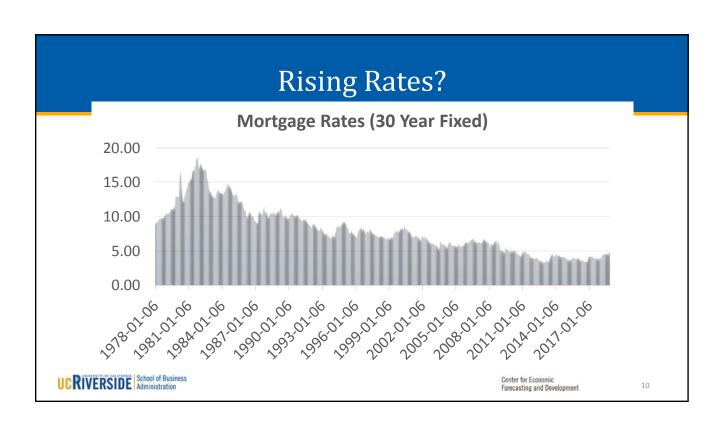
	2016	2017	Q2	Q3
GDP	1.88	2.48	4.20	3.50
Final Demand				
Consumption	1.87	1.83	2.57	2.69
Goods	0.75	0.96	1.16	1.20
Services	1.11	0.87	1.42	1.49
Fixed investment	0.39	0.95	1.10	-0.04
Structures	0.07	0.08	0.43	-0.26
Equipment	-0.08	0.54	0.27	0.03
Intellectual prop	0.24	0.18	0.45	0.35
Residential	0.16	0.15	-0.05	-0.16
Change inventories	-0.20	-0.11	-1.17	2.07
Net exports	-0.34	-0.23	1.22	-1.78
Exports	0.09	0.56	1.12	-0.45
Imports	-0.43	-0.79	0.10	-1.34
Government	0.16	0.03	0.43	0.56
Federal	0.02	0.09	0.24	0.21
State and local	0.15	-0.06	0.20	0.35

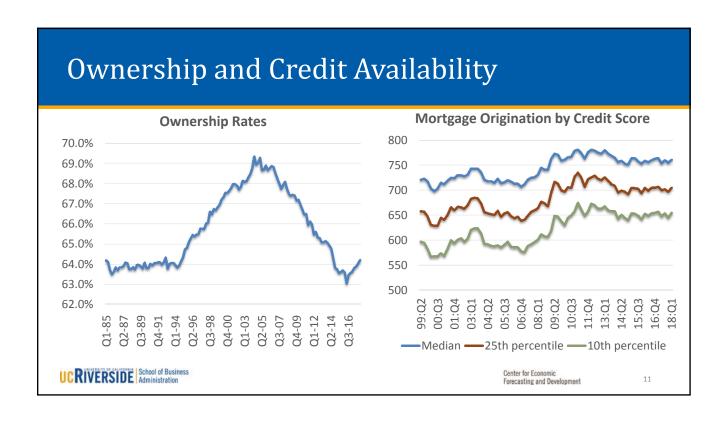
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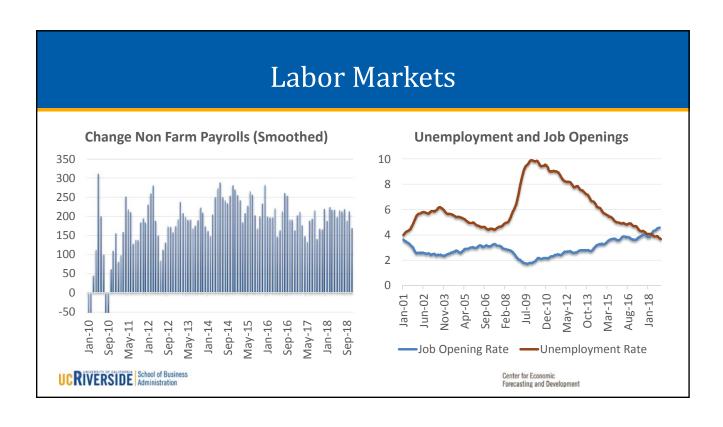


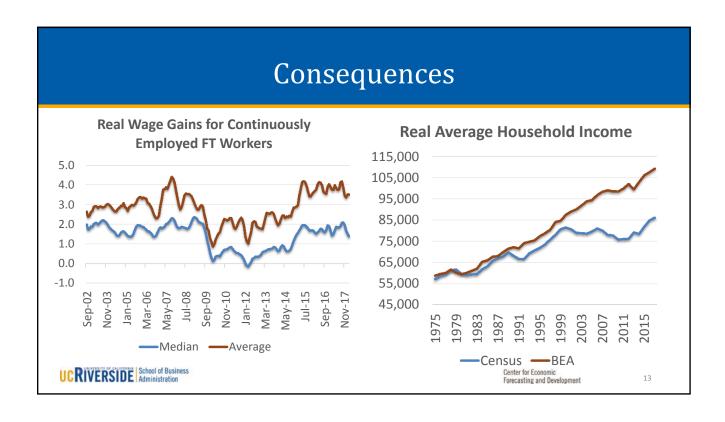


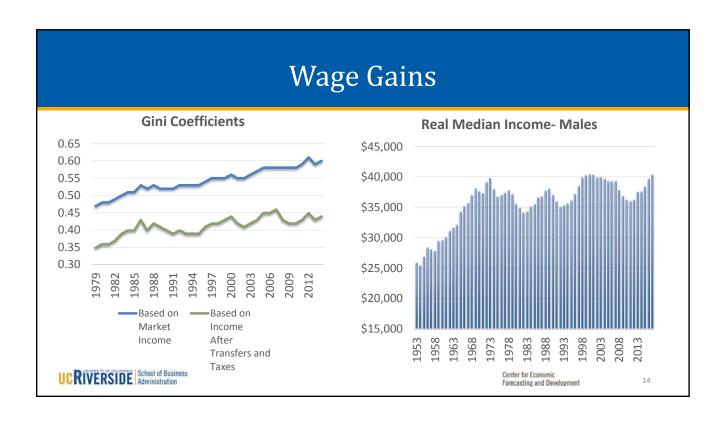


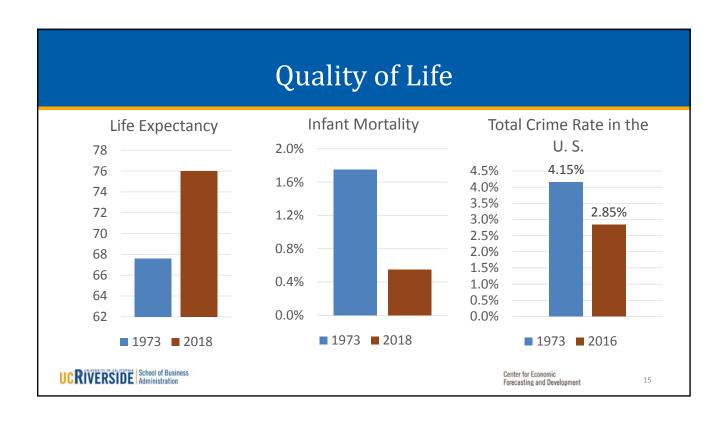


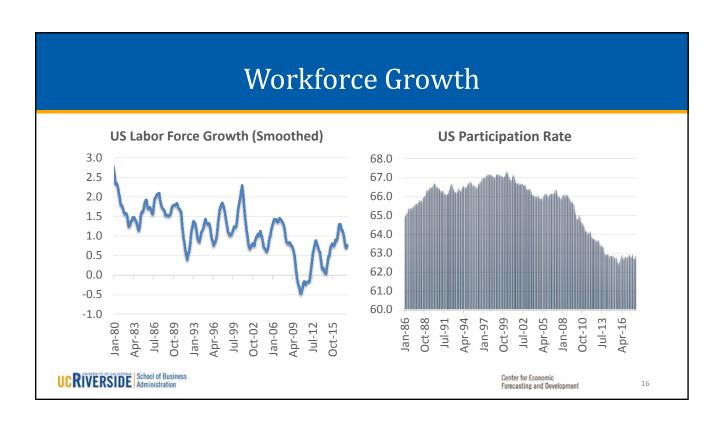


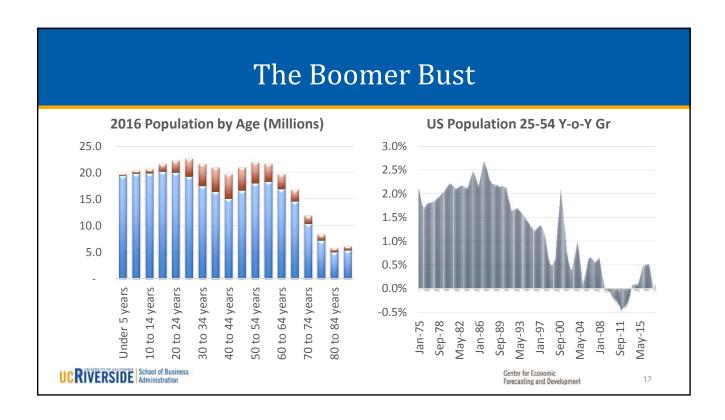


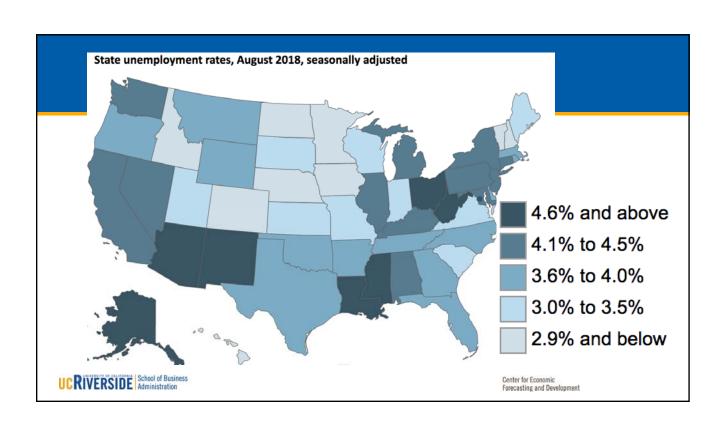


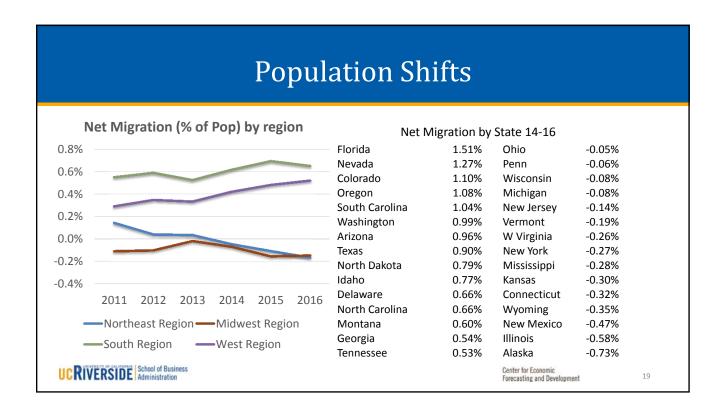


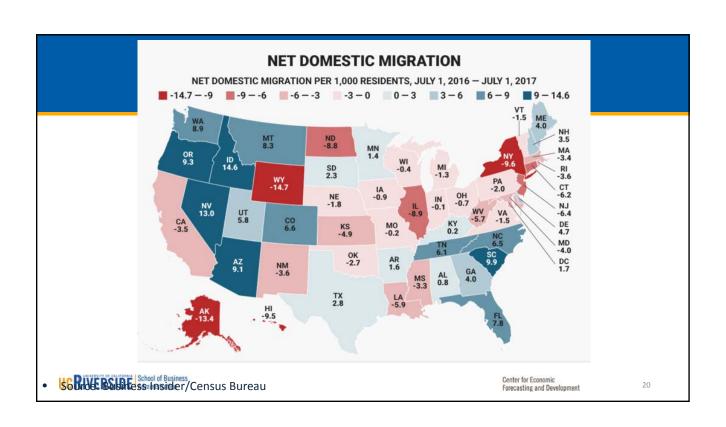




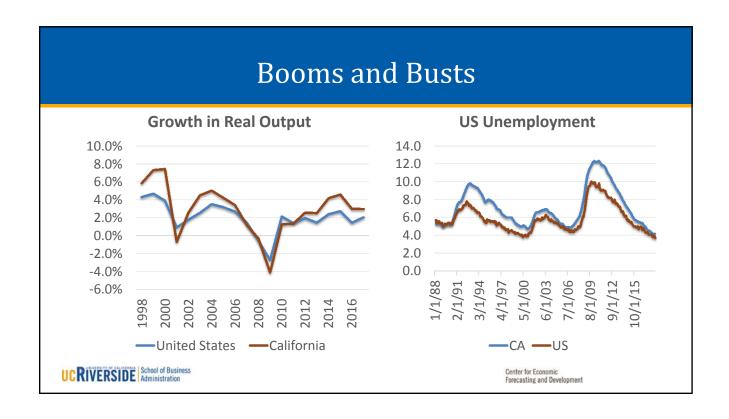


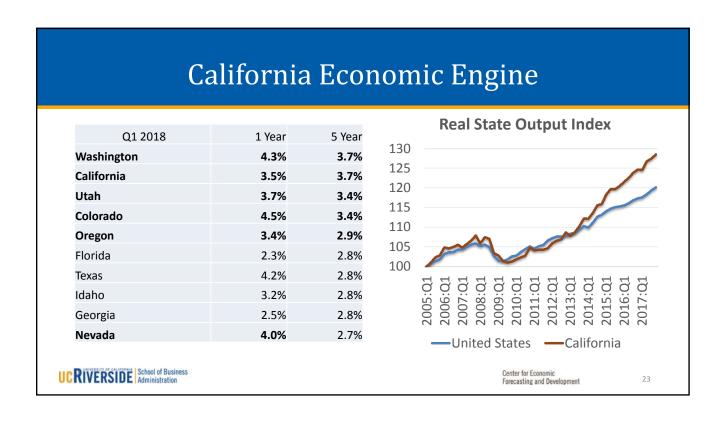


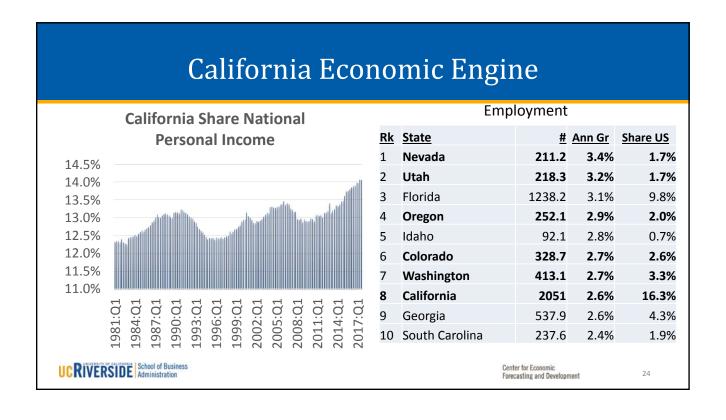












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California's economy recently grew to	Share New FT Employees 2014-2017					
become the world's fifth-largest economy if it were its own country.		25-50K	50-75K	75K-100K	100K+	
Sounds like great news, but that wealth	State	318,146	179,115	177,425	484,322	
mostly benefits the very rich in the tech	Bay	4.4%	9.1%	24.1%	39.4%	
sector.	So Cal	43.1%	27.7%	29.5%	39.4%	
"Almost all the income growth and high- end job growth took place in Silicon Valley,"	S Cen Val	19.6%	19.9%	8.8%	7.1%	
	N Cen Val	16.1%	11.8%	12.1%	10.1%	
Joel Kotkin, professor of Urban Studies at Chapman University	Cen Cst	5.3%	6.0%	5.1%	2.2%	
May 18, 2018	Other	11.4%	25.5%	20.3%	1.8%	
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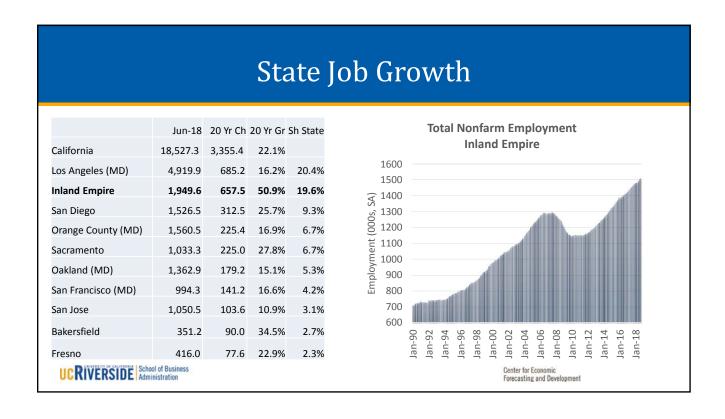
## Quiz Time

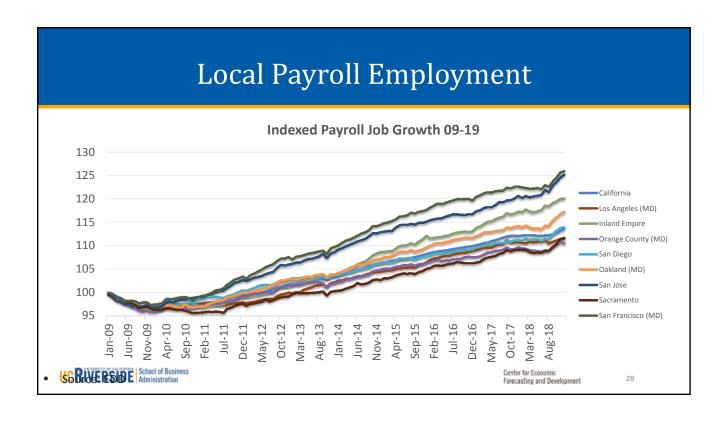
Match the payroll employment growth rate (letters) (1995-2015) to the California region (numbers)

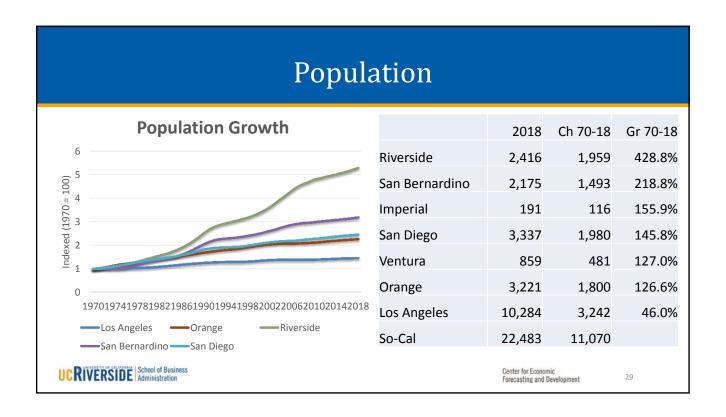
Α	23.6%	1	Bay Area
В	25.8%	2	Central Coast
С	27.0%	3	Greater Los Angeles
D	33.8%	4	Greater Sacramento
E	39.8%	5	So Central Valley



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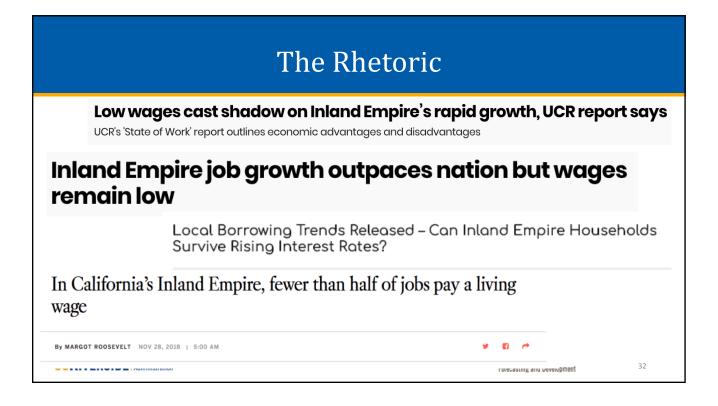


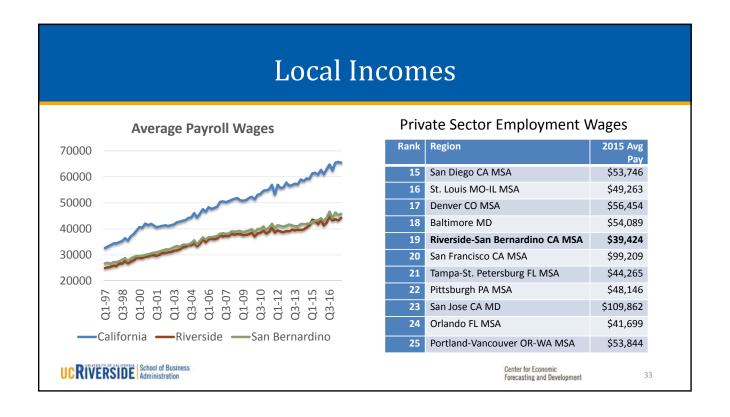




Re	sident I	₋abo	r Force
MSA / State	Labor Force	MSA Rank	Unemployment Rates
Oregon	2,128,399		16
Seattle-Tacoma-Bellevue	2,115,242	13	14
Louisiana	2,107,987		
Riverside-San Bernardino-Ontario	2,073,421	14	12
Kentucky	2,063,185		₹ 10
Minneapolis-St. Paul-Bloomington	2,007,145	15	(VS) % 8
Connecticut	1,914,839		* *
Oklahoma	1,861,101		6
Iowa	1,697,159		4
Denver-Aurora-Lakewood	1,653,341	16	2
San Diego-Carlsbad	1,611,458	17	7 990 997 998 998 900 900 11 11 11 11 11 11
Utah	1,571,635		Jan-90 Jan-92 Jan-94 Jan-96 Jan-02 Jan-06 Jan-12 Jan-12 Jan-14
Tampa-St. Petersburg-Clearwater	1,542,313	18	
Nevada	1,526,445		——California ——Inland Empire
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The IE in Context							
Gross Metropolitan Produ	uct (Real)		Nominal GMP Growth 01-	16 (Top 5	0)		
San Diego-Carlsbad, CA	215343	17	Houston-The Woodlands-Sugar Land, TX	113.9%	į		
Denver-Aurora-Lakewood, CO	197969	18	Portland-Vancouver-Hillsboro, OR-WA	108.2%			
Baltimore-Columbia-Towson, MD	187395	19	Salt Lake City, UT	104.8%			
Portland-Vancouver-Hillsboro, OR-WA	164466	20	Urban Honolulu, HI	103.8%			
Charlotte-Concord-Gastonia, NC-SC	163637	21	Charlotte-Concord-Gastonia, NC-SC	101.6%			
St. Louis, MO-IL	159888	22	Riverside-San Bernardino-Ontario, CA	100.2%	1		
Riverside-San Bernardino-Ontario, CA	149059	23	Las Vegas-Henderson-Paradise, NV	100.0%	1		
Tampa-St. Petersburg-Clearwater, FL	142633	24	Seattle-Tacoma-Bellevue, WA	98.2%	1		
Pittsburgh, PA	138187	25	San Jose-Sunnyvale-Santa Clara, CA	96.8%	1		
Indianapolis-Carmel-Anderson, IN	135444	26	Dallas-Fort Worth-Arlington, TX	95.7%	1		
Austin-Round Rock, TX	135010	27	Orlando-Kissimmee-Sanford, FL	92.3%	1		
Cincinnati, OH-KY-IN	132010	28	San Francisco-Oakland-Hayward, CA	90.5%	1		
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#### Who is ahead? Behind?

#### **Define Success**

Tech Jobs Venture Capital Relative Average Wages

Growing Wages
Falling Poverty
Low Unemployment
Solid Pace Growth



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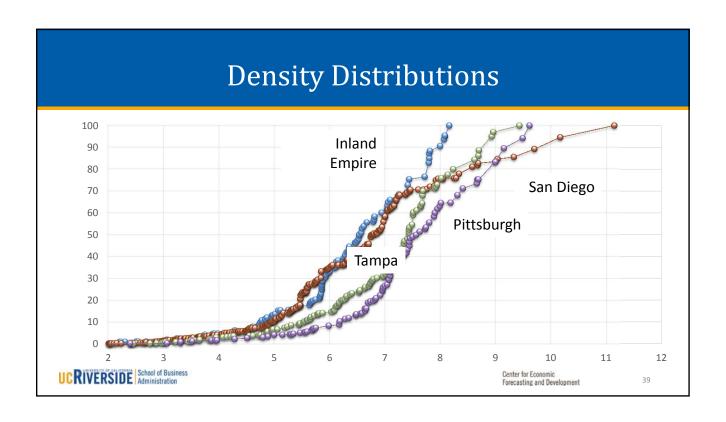


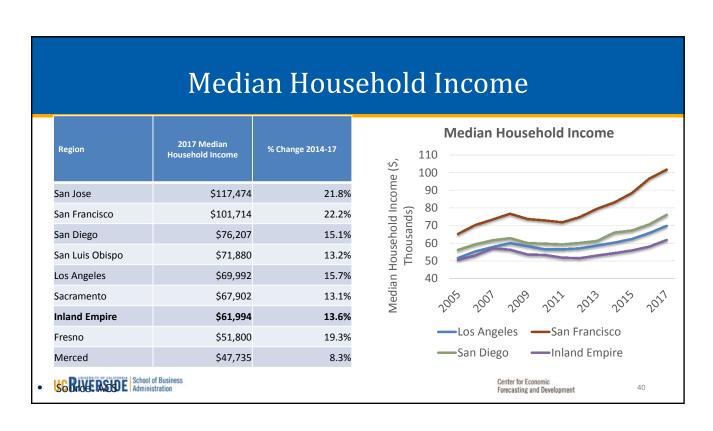
		Dec-18	Gr 13-18	LQ 2018 F	R Gr 13-15
	Total Nonfarm	1505.9	20.0%		
	NR/Construction	101.2	33.9%	1.32	5.2%
	Manufacturing	100.2	13.3%	0.87	9.7%
	Wholesale Trade	66.9	15.7%	1.06	12.5%
	Retail Trade	183.4	9.1%	1.25	4.6%
A Different	Logistics	129.8	59.9%	2.25	29.4%
A Different	Information	11.1	-2.6%	0.23	-21.3%
Economy	Financial Activities	44.7	6.4%	0.61	-1.2%
	Prof Sci Tech	40.3	3.3%	0.36	-9.2%
	Management	8	-5.9%	0.39	-9.4%
	Admin Support	102.7	21.8%	1.03	6.4%
	Education	20	12.4%	0.61	-2.4%
	Health Care	214.9	24.1%	1.04	6.0%
	Leisure and Hospitality	174.2	24.3%	0.98	5.8%
	Other Services	45.3	8.1%	0.92	1.0%
School of Business	Government	263.3	16.9%	1.16	7.4%
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Industry	Los Angeles	Orange County	Riverside	San Bernardino
Total	61,200	60,200	44,300	45,900
Construction	62,400	81,700	56,500	56,600
Food Manufacturing	48,000	47,200	53,400	49,000
Truck Transportation	50,900	47,400	52,100	55,700
Warehouse & Storage	48,100	56,000	37,700	38,300
Prof, Sci, & Tech Services	102,000	92,800	62,400	66,600
Employment Services	35,900	35,300	26,500	27,000
Health Care	43,600	50,000	41,200	45,800
Government	71,100	67,700	61,300	58,700
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Job Density **Employment and Density Density and Wages** 8.5 \$70,000 \$65,000 8 Log Job Density \$60,000 7.5 \$55,000 \$50,000 **Inland Empire** \$45,000 6.5 \$40,000 6 \$35,000 13 13.5 14 14.5 15 15.5 6.5 7 8.5 7.5 Log Total Payroll Employment
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## Local Pay by Education

				San
	Los Angeles	Orange	Riverside	Bernardino
Population 25 years and over with earnings	\$36,954	\$42,884	\$36,321	\$36,684
Less than high school graduate	\$21,901	\$23,328	\$25,340	\$23,642
High school graduate (includes equivalency)	\$28,882	\$31,311	\$30,829	\$30,663
Some college or associate's degree	\$36,535	\$40,499	\$36,943	\$36,977
Bachelor's degree	\$54,442	\$61,202	\$55,461	\$53,264
Graduate or professional degree	\$77,200	\$87,277	\$80,064	\$75,241



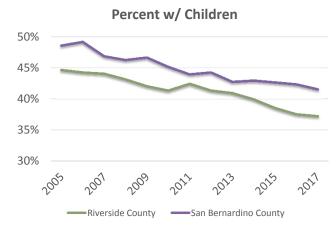
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41

## Standard of Living?

"In an Inland Empire family of four with two working adults, each parent must earn about \$18 an hour, or \$36,000 each year, to make ends meet. Only 38% of jobs in the Inland Empire meet this standard."

"only about 4 in 10 jobs pay enough for working families to make ends meet"



"State of Work in the Inland Empire" CSIUCR NOVEMBER 2018

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## Living Wage Standards?

Self-Sufficiency Standar	d — 2 Adults				
Monthly Costs	Riverside	San Bernardino	San Diego	Orange County	Los Angeles
Housing	\$1,178	\$1,133	\$1,816	\$1,876	\$1,663
Child Care	\$1,289	\$1,283	\$1,367	\$1,401	\$1,362
Food	\$853	\$830	\$943	\$940	\$923
Transportation	\$539	\$544	\$533	\$537	\$570
Health Care	\$444	\$444	\$470	\$478	\$424
Miscellaneous	\$430	\$423	\$513	\$523	\$494
Taxes	\$758	\$739	\$1,011	\$1,052	\$940



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43

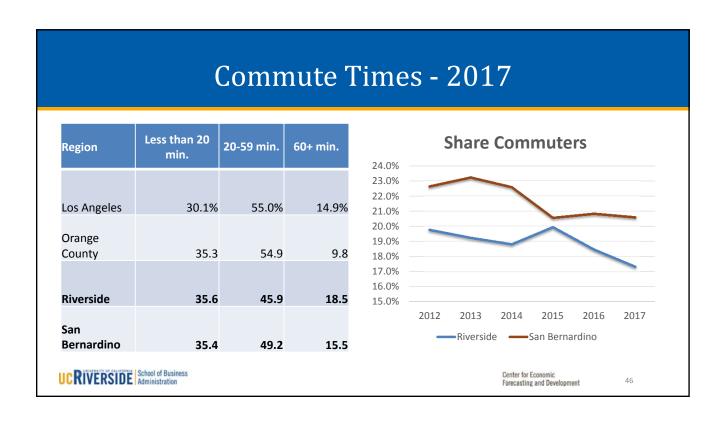
# Part Time Employment - 2018

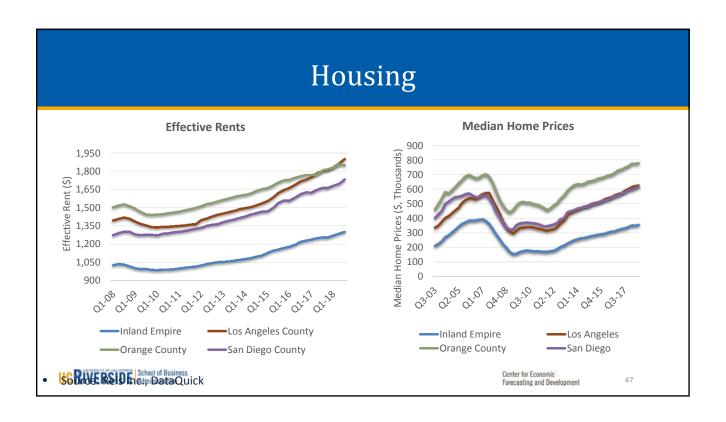
	IE	Chg since 2013	LA	Chg since 2013	ОС	Chg since 2013
Full Time	72.5	8.7	72.3	7.3	73.0	5.4
Not at Work	2.1	-0.1	2.7	0.9	2.3	0.1
Part-Time - Economic Reasons	5.2	-2.6	4.6	-4.0	2.5	-5.3
Part-Time - Non-						
Economic Reasons	15.5	1.8	16.2	1.6	18.3	2.4
Unemployed	4.7	-7.8	4.2	-5.7	4.0	-2.6



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Total Insured									
Region	Percent Insured 2017	Percent Insured 2013	Percent Insured 2009	Percent Insured 2013 to 2017					
Fresno	92.3%	81.7	80.1%	100					
Los Angeles	91.4%	79.8	78.5%	95					
Merced	92.5%	80.8	81.2%	85 – 90					
Inland Empire	92.2%	80.6	79.5%	= 85 80					
Sacramento	95.0%	85.9	87.4%	75					
San Diego	92.3%	83.7	83.0%	8 0 0 0 0 0					
San Francisco	95.5%	89	88.1%	5, 5, 5, 5, 5, 5, 5, 5,					
San Jose	95.8%	88.9	87.7%	Los Angeles —Inland Empire					
San Luis Obispo	94.0%	88.8	86.3%	——San Diego ——San Jose					





Housing Costs												
by E	ducation	nal Attaiı	nment	Share Households > 30% Income								
					Renter							
	LA	OC	Rv	SB		2013	2016	Ch				
Less Than High					Fresno	54.8%	57.5%	2.7%				
School	39.0	41.4	34.9	33.6	Los Angeles	57.0%	55.4%	-1.6%				
High School					San Bernardino	54.7%	55.4%	0.7%				
Graduate	36.2	36.9	31.6	31.5	Riverside	58.8%	54.8%	-4.0%				
					San Diego	53.7%	54.7%	1.0%				
Some College	32.0	31.8	28.4	29.2	Orange	55.5%	54.1%	-1.4%				
					Sacramento	52.9%	52.1%	-0.9%				
Bachelors Degree	27.6	26.8	25.8	26.3	Alameda	50.8%	47.2%	-3.6%				
Grad./Prof.					Santa Clara	47.2%	46.2%	-1.1%				
Degree	24.7	25.7	23.4	24.3	San Francisco	42.8%	36.8%	-6.0%				

### The Big Picture

- Positives: It will be a good year
  - GDP Growth Outlook for 2019: 2%+
  - State revenues will look positive
  - Labor markets to remain tight
  - Rising wages to put pressure on profits
  - Exports, business investment continue to grow
  - Inflation to remain constrained
  - Interest Rates Still Low
  - Debt Levels still safe
  - California: Still a top performer
  - IE: Doing just great

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- Negatives: Problems Growing
  - —Labor shortages will be an issue
  - Local housing supply tightening
  - Fed will continue to tighten, yield curve flattening
  - Markets behaving oddly
  - Federal deficit widening sharply
  - —Current shutdown—how long?
  - Political uncertainty to dominate headlines
  - Critical Policy Issues Remain Undiscussed
  - Miserabilism warping our sense or reality

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