
















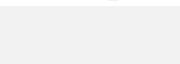


## Data Insights: Jobs

Friday, August 3, 2018

### Today's jobs data: what you need to know

<b>Non-farm payrolls</b>	Change Jul: +157	Revision Jun: +35	Revision May: +24	
<b>Private payrolls</b>	Change Jul: +170	Revision Jun: +32	Revision May: +21	
<b>Employment</b>	Change Jul: +389			
<b>Unemployment</b>	Change Jul: -284			
<b>Long-term unemployment</b>	Change Jul: -221			
<b>Civilian labor force</b>	Change Jul: +105	0.47 million above trend	More than all entrants employed	
<b>Unemployment rate</b>	Jul: 3.87%	Change Jul: -0.18%		
<b>Underemployment rate</b>	Jul: 7.5%	Change Jul: -0.3%		
<b>Participation rate</b>	Jul: 62.9%	Change Jul: unch		
<b>UE adjusted for participation</b>	Jul: 8.4%	Change Jul: -0.17%		
<b>Average weeks unemployed</b>	Jul: 23.2	Change Jul: +2.0		
<b>% longterm unemployed</b>	Jul: 22.7%	Change Jul: -0.3%		
<b>Aggregate hours worked index</b>	Jul: 109.8	Change Jul: -0.2%	Revision Jun: +0	
<b>Average hourly earnings</b>	Jul: 0.26%	Change Jul: 0.11%	Revision Jun: -0.04%	
<b>Aggregate weekly earnings</b>	Jul: 142	Change Jul: +0.1%	Revision Jun: +0.3	
<b>Monthly job-finding probability</b>	Jul: 36.2%	Change Jul: +7.7%		
<b>Monthly separation probability</b>	Jul: 1.6%	Change Jul: -0.2%		
<b>% involuntary part-time</b>	Jul: 2.9%	Change Jul: -0.1%		
<b>"Household" vs "Payroll" jobs</b>	Change Jul: +277			

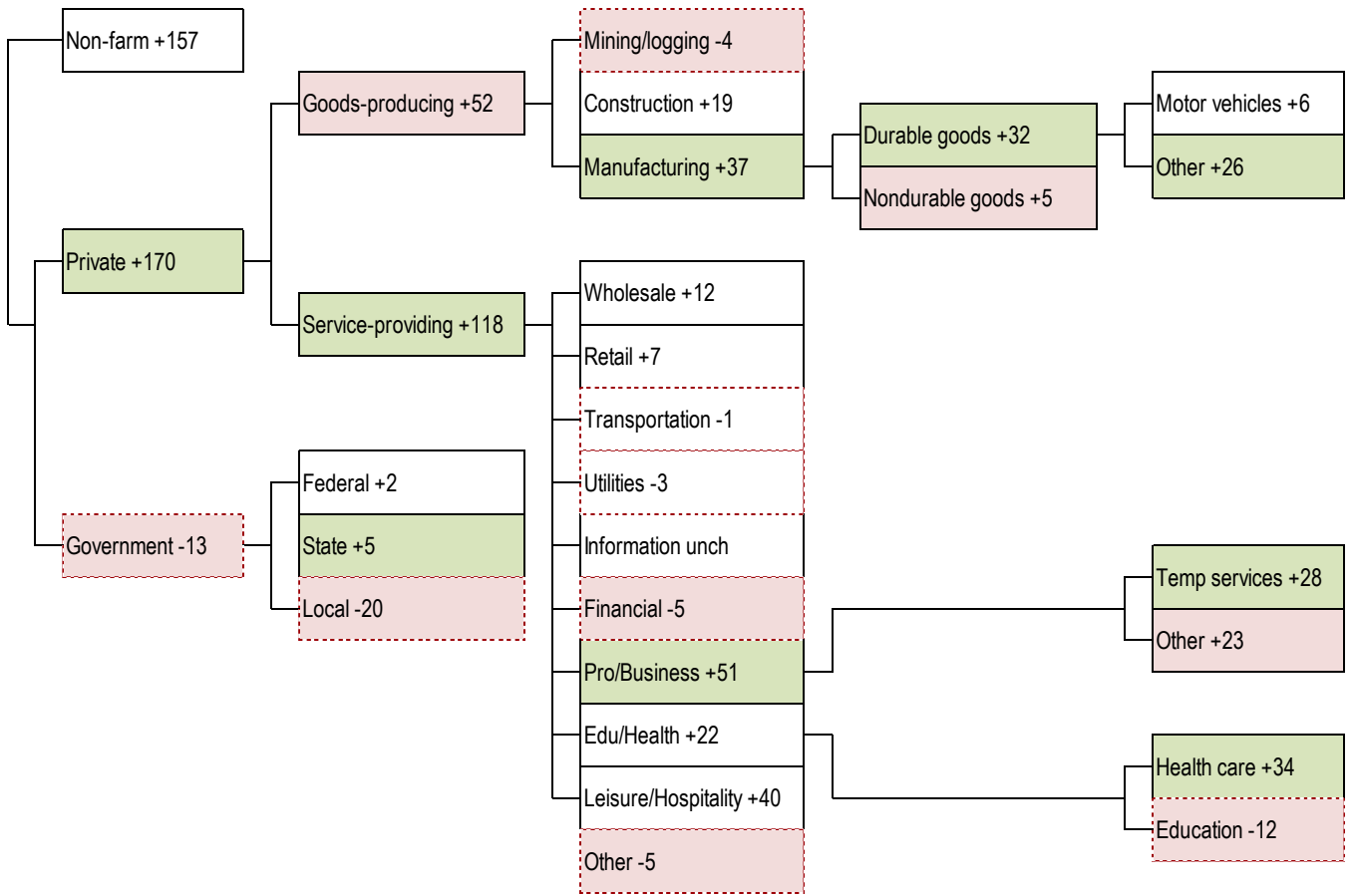
Source: Bureau of Labor Statistics, TrendMacro calculations

#### For more information contact us:

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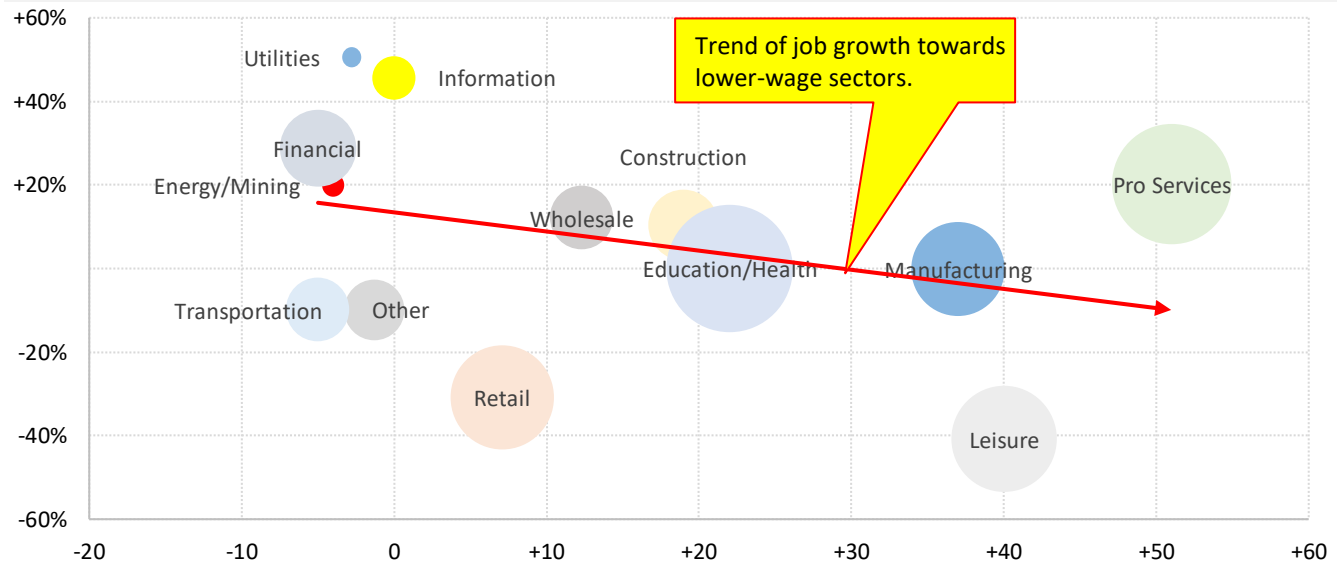
# Today's payroll data: what you need to know -- where did the jobs come from?

Sequential month change, thousands SA --- Net job losses Biggest change per detail module: ■ best ■ worst



## Where is the pay coming from?

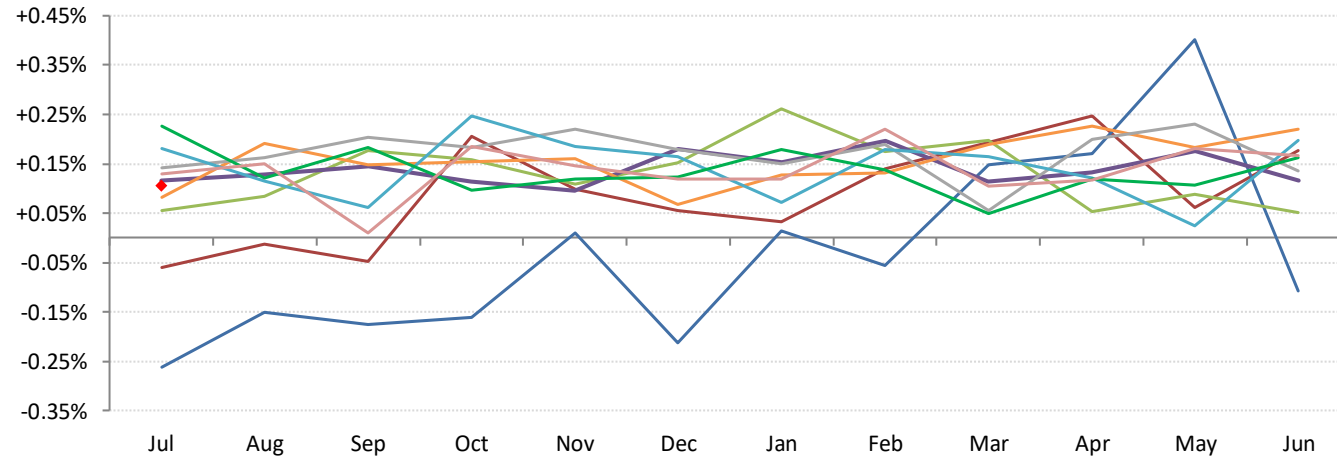
Vertical: Hourly wages vs average Horizontal: Payrolls change this month Circle size: Share of all employment



Source: BLS, TrendMacro calculations

## The payroll cycle in the Not So Great Expansion following the Great Recession

Growth MOM from July — 2009-10 — 10-11 — 11-12 — 12-13 — 13-14 — 14-15 — 15-16 — 16-17 — 17-18 — 2018-19

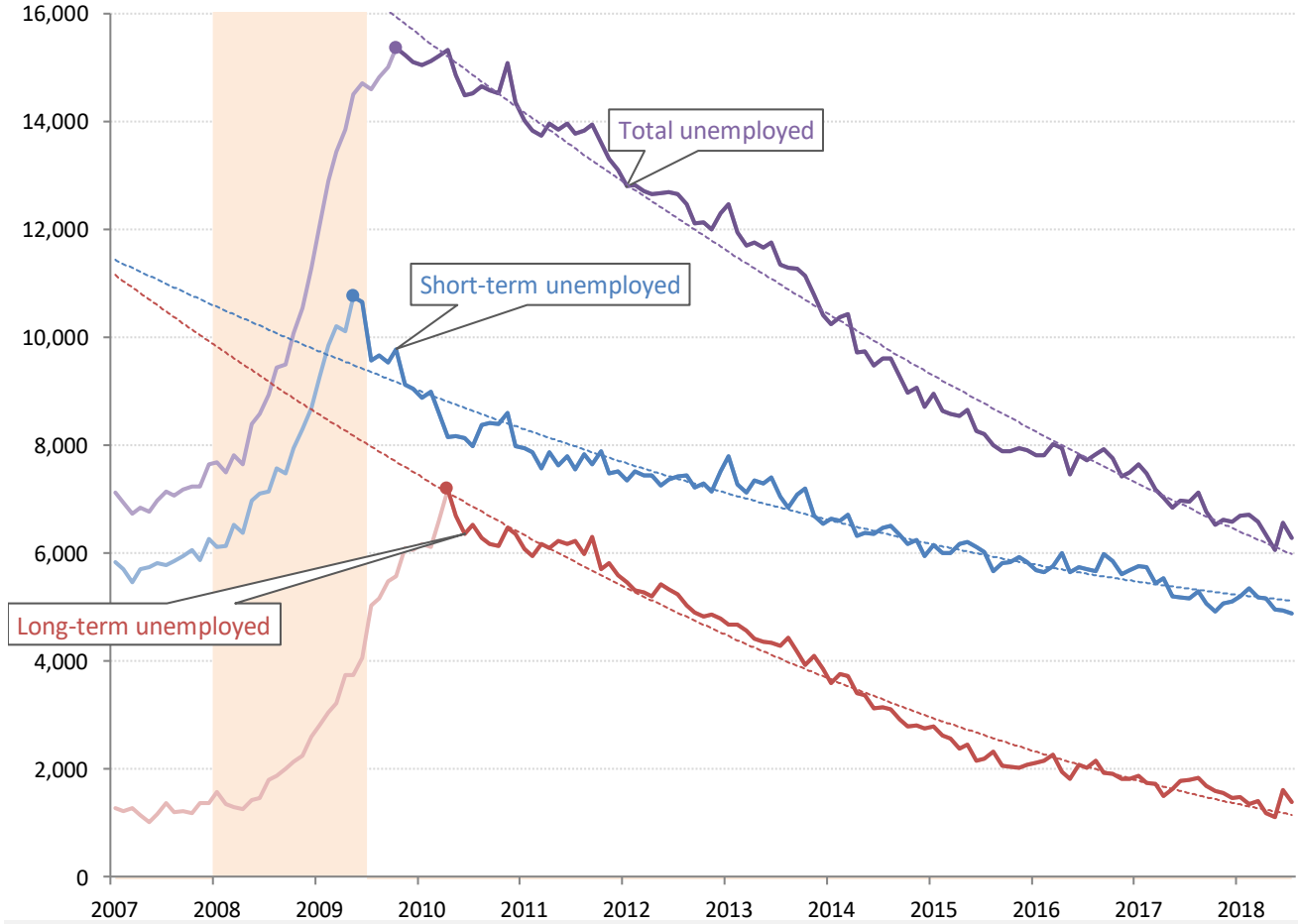


Source: BLS Current Population Survey, TrendMacro calculations

## The ultimate jobless recovery is becoming jobful

Unemployment: thousands Short-term = <27 weeks Long-term = >27 weeks

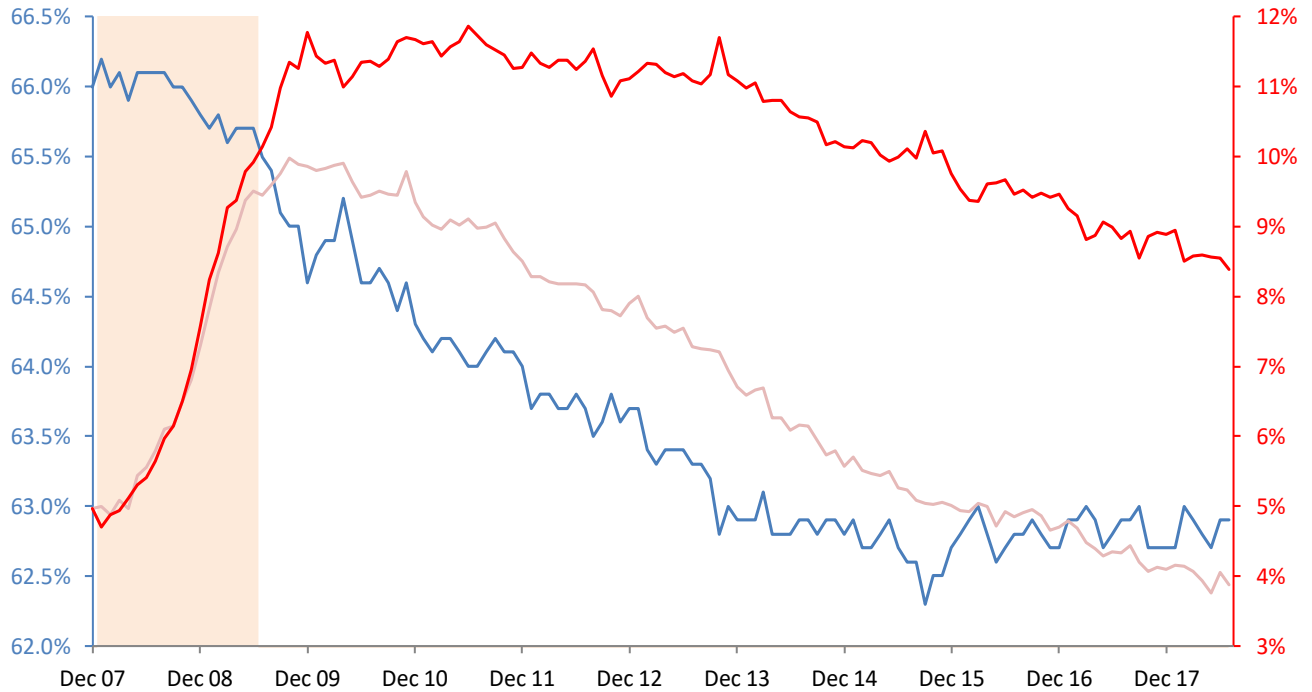
Income inflation adjusted to today's USD



Source: BLS Current Population Survey, TrendMacro calculations

## Unemployment rate normalized for participation rate December 2007

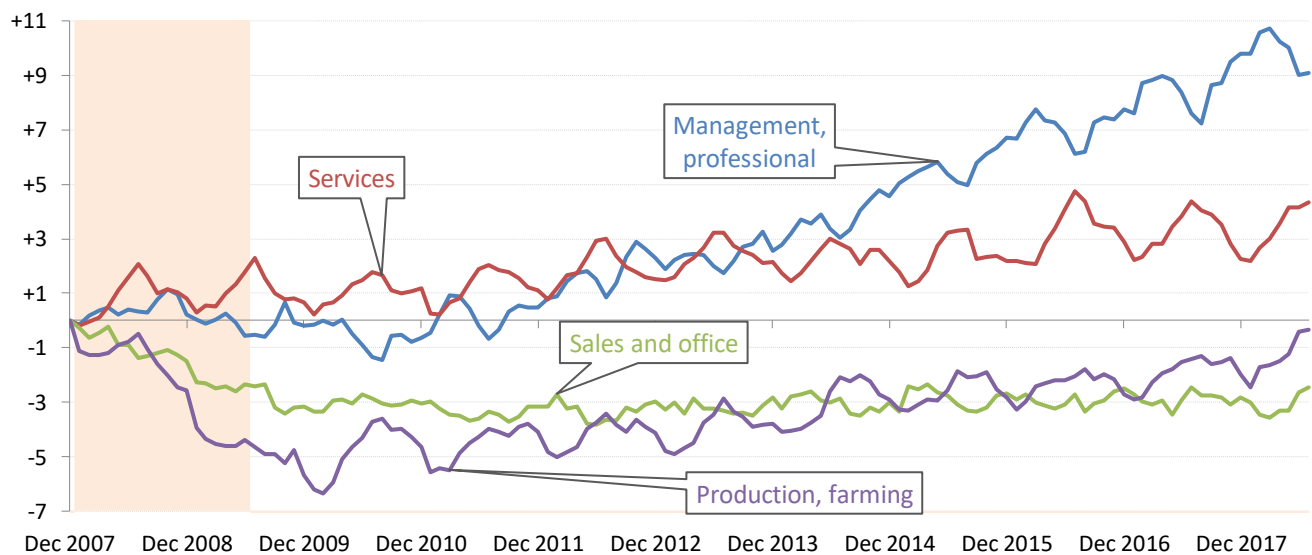
— Participation rate — Headline unemployment rate — Recession



Source: BLS Current Population Survey, TrendMacro calculations

## Winner and losers in the Not So Great Expansion following the Great Recession

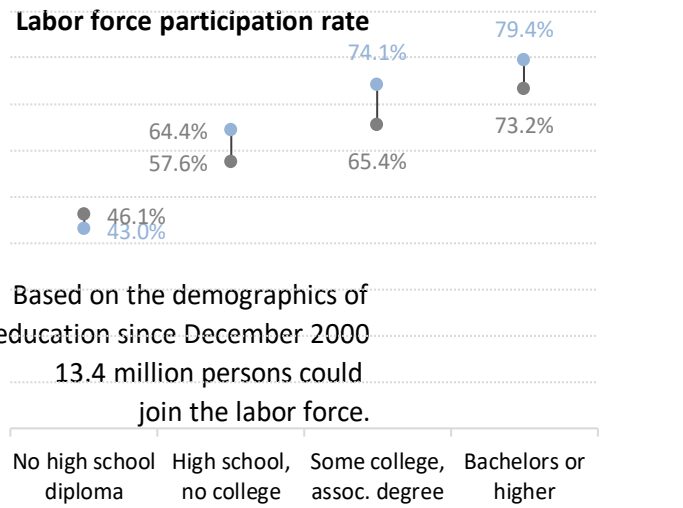
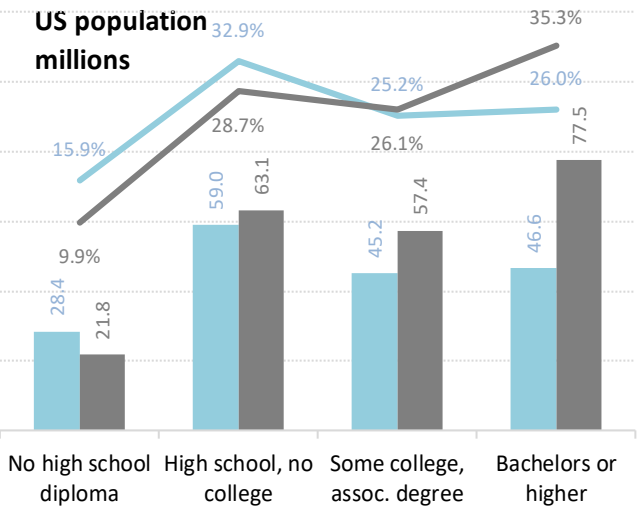
Change in total payrolls from prior business cycle peak, millions



Source: BLS, NBER, TrendMacro calculations

# US labor force demographics: fading baby boom and its well-educated echo

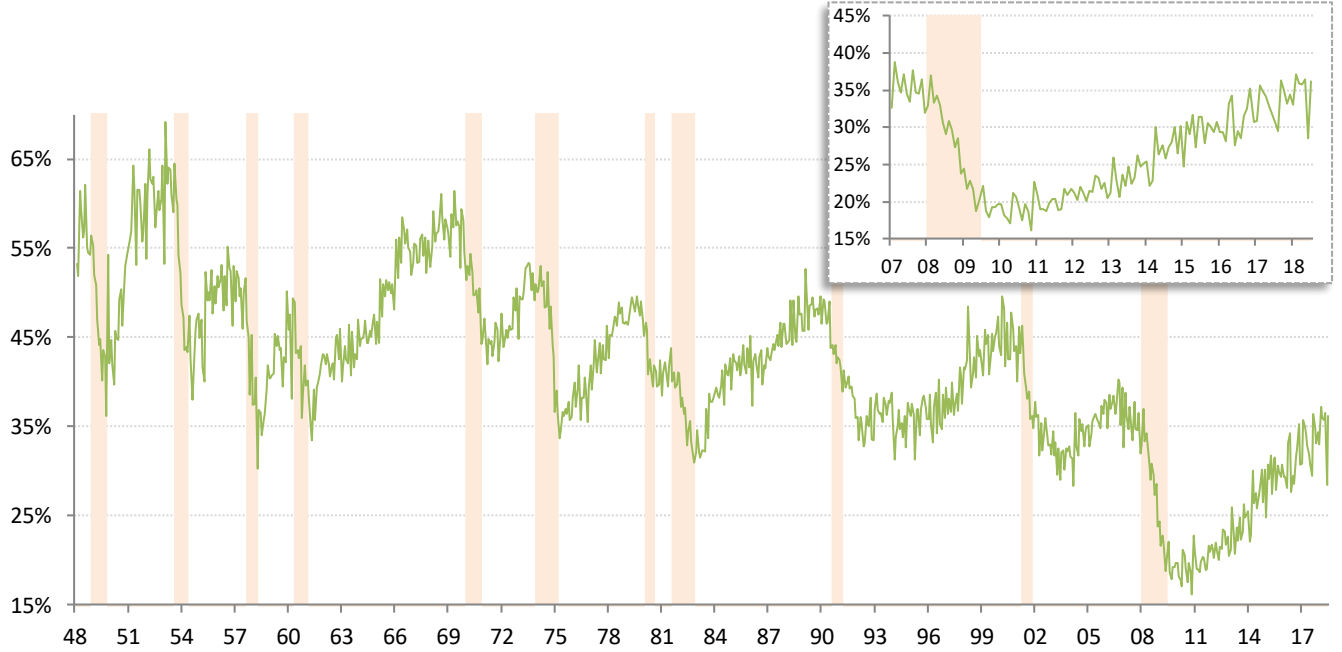
By age and education bracket: ■ Dec 2000, peak in the labor force participation rate ■ Latest □ Prime age



Source: BLS Current Population Survey, TrendMacro calculations

## Monthly job-finding probability (the outflow rate from unemployment)

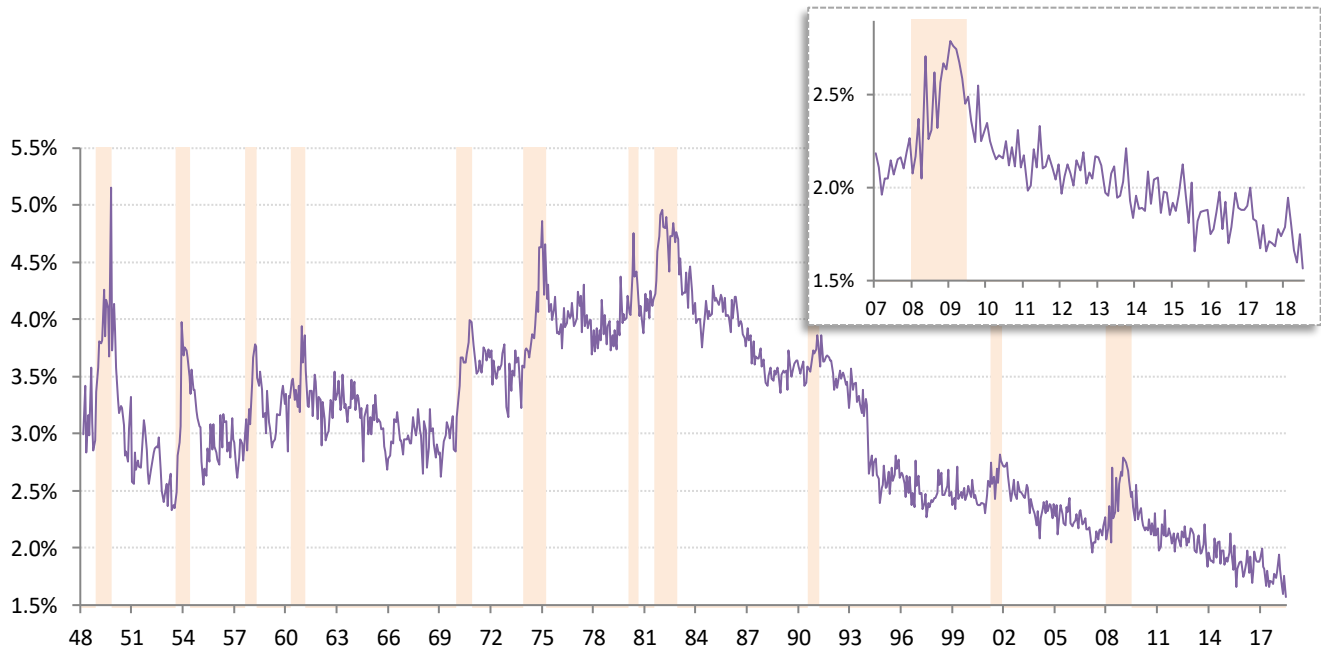
Chance of an unemployed person becoming employed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

## Monthly job-separation probability (the inflow rate to unemployment)

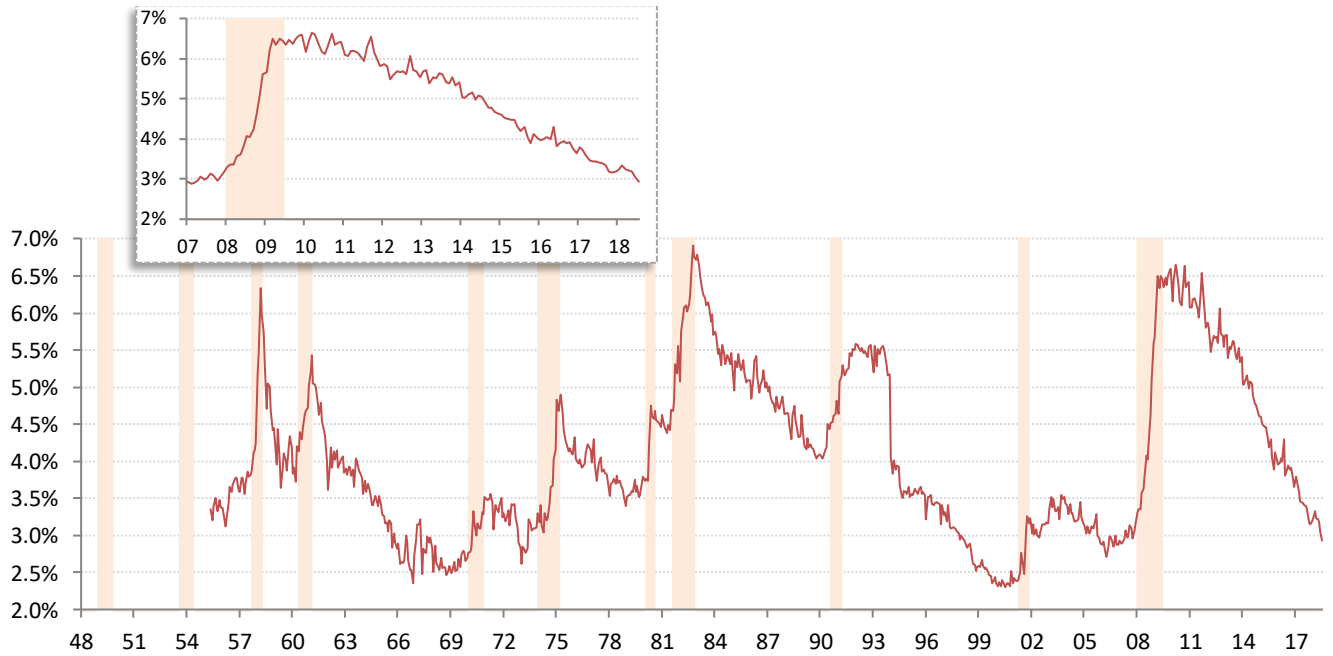
Chance of an employed person becoming unemployed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

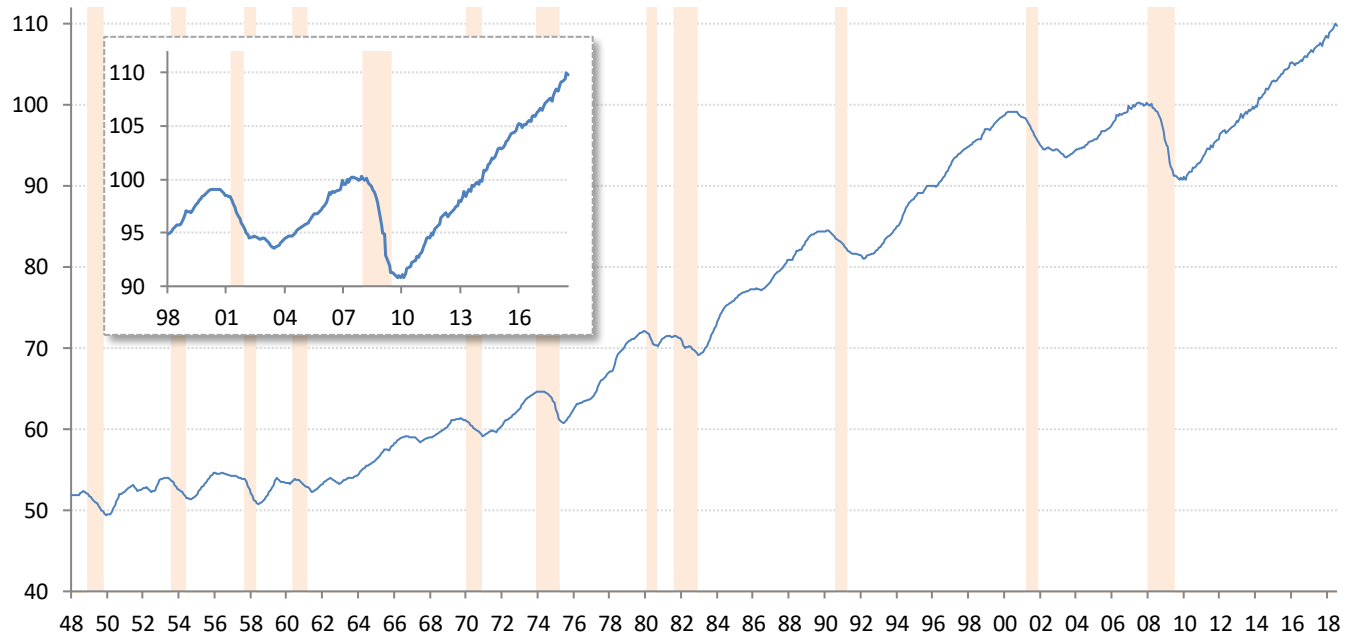
# Involuntary part-time workers as percentage of the employed labor force

Persons available for full-time work ■ Recession



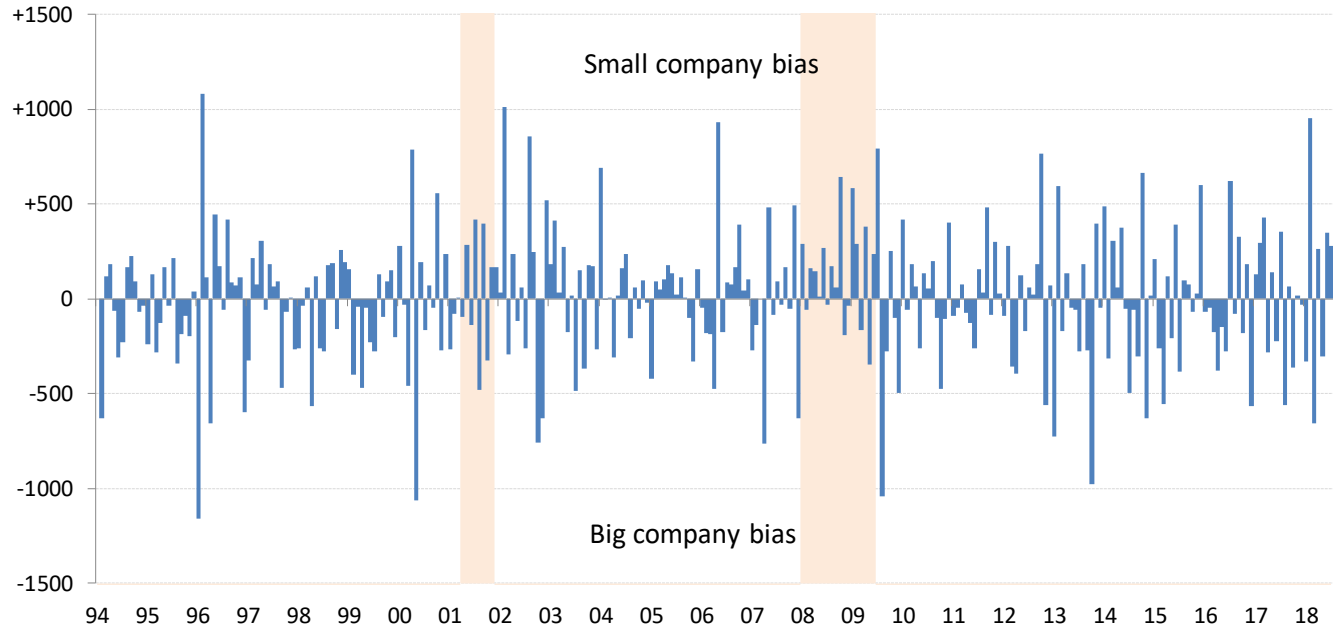
Source: BLS Current Population Survey, TrendMacro calculations

# Aggregate weekly private hours-worked index ■ Recession



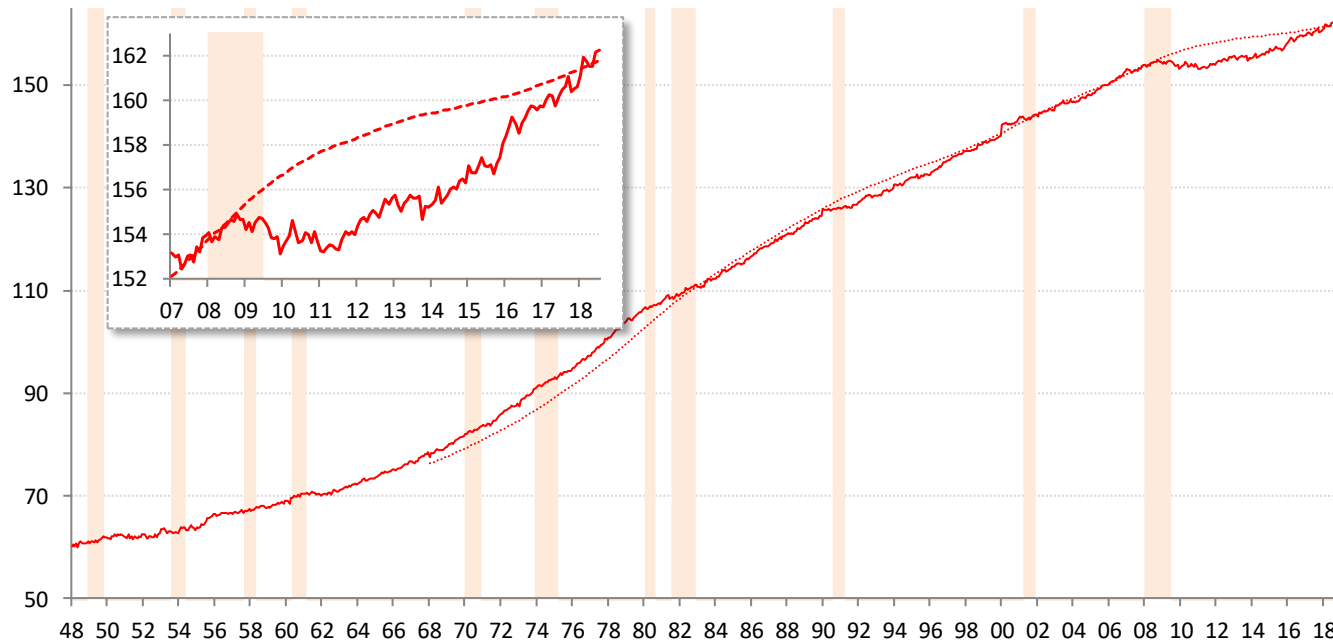
Source: BLS Productivity and Costs (quarterly) and Current Employment Stats (recent monthly), TrendMacro calcs

Difference in employment change: "household" minus "payroll" surveys ■ Recession



Source: BLS Current Population Survey and Current Employment Statistics, TrendMacro calculations

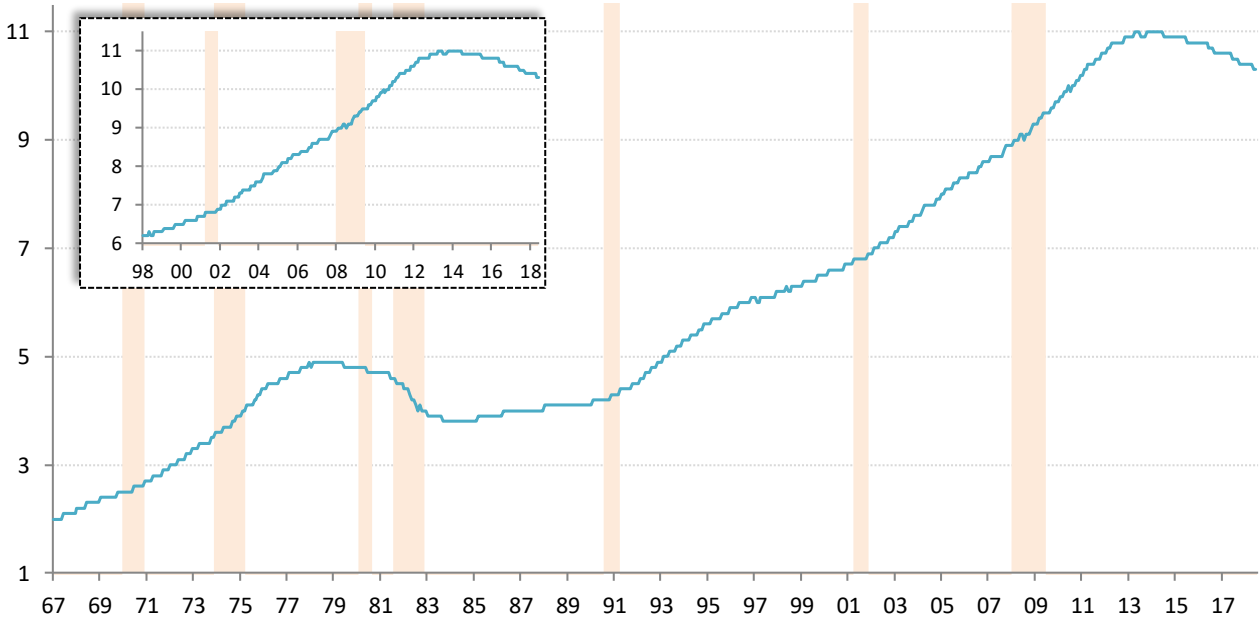
Civilian labor force versus 20-year trend, millions ■ Recession



Source: BLS Current Population Survey, TrendMacro calculations

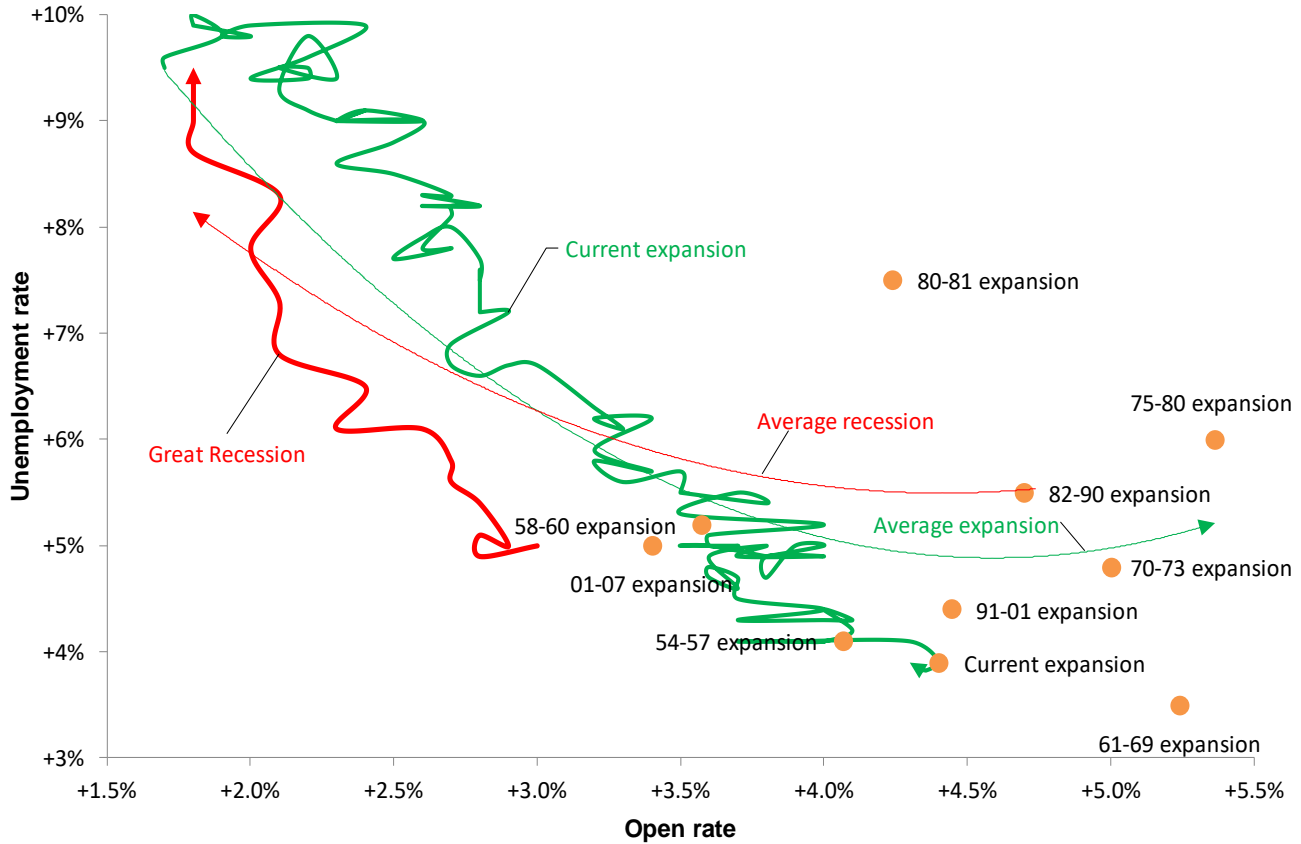


# Can the disabled come back to the labor force? Social Security disability recipients, millions



# Running out of workers? The Beveridge Curve

and job openings



Source: BLS Current Population Survey & JOLTS. Pre-2000:Conference Board normalized per [Valletta \(2005\)](#), TrendMacro calculations