

















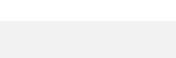


## Data Insights: Jobs

Friday, May 8, 2015

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

<b>Non-farm payrolls</b>	Change Apr: +223	Revision Mar: -41	Revision Feb: +2	
<b>Private payrolls</b>	Change Apr: +213	Revision Mar: -35	Revision Feb: -3	
<b>Employment</b>	Change Apr: +192			
<b>Unemployment</b>	Change Apr: -26			
<b>Long-term unemployment</b>	Change Apr: -148			
<b>Civilian labor force</b>	Change Apr: +166	4.72 million below trend	More than all entrants employed	
<b>Unemployment rate</b>	Apr: 5.44%	Change Apr: -0.02%		
<b>Underemployment rate</b>	Apr: 10.8%	Change Apr: -0.1%		
<b>Participation rate</b>	Apr: 62.8%	Change Apr: +0.1%		
<b>UE adjusted for participation</b>	Apr: 11.6%	Change Apr: -0.16%		
<b>Average weeks unemployed</b>	Apr: 30.8	Change Apr: +0.1		
<b>% longterm unemployed</b>	Apr: 29.0%	Change Apr: -0.8%		
<b>Aggregate hours worked index</b>	Apr: 103.0	Change Apr: +0.2%	Revision Mar: -0	
<b>Average hourly earnings</b>	Apr: +0.1%	Change Apr: -0.1%	Revision Mar: -0.1%	
<b>Aggregate weekly earnings</b>	Apr: 122.3	Change Apr: +0.3%	Revision Mar: -0.2	
<b>Monthly job-finding probability</b>	Apr: 35.3%	Change Apr: +2.4%		
<b>Monthly separation probability</b>	Apr: 2.2%	Change Apr: +0.2%		
<b>% involuntary part-time</b>	Apr: 4.4%	Change Apr: -0.1%		
<b>"Household" vs "Payroll" jobs</b>	Change Apr: -12			

Source: Bureau of Labor Statistics, TrendMacro calculations

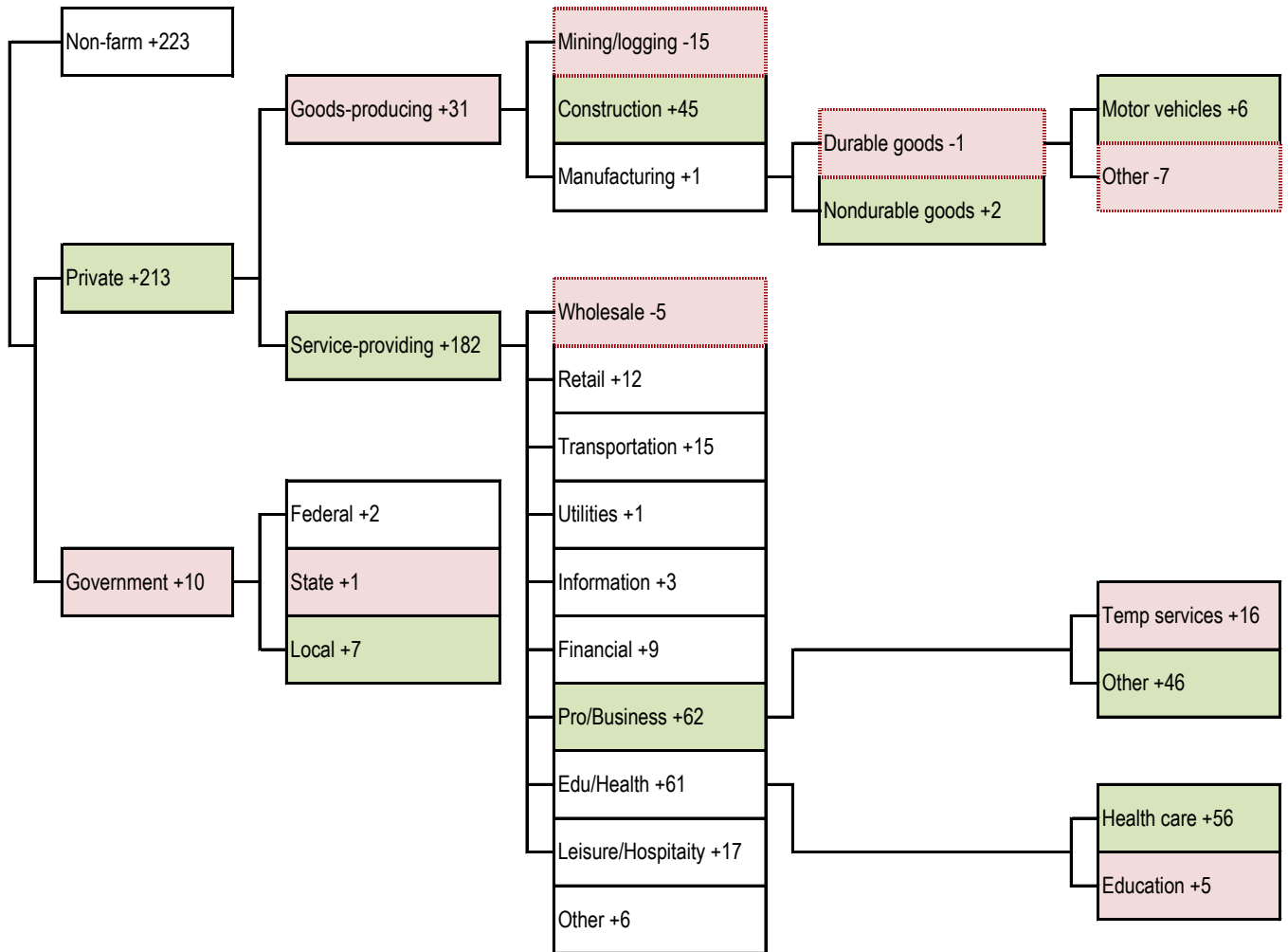
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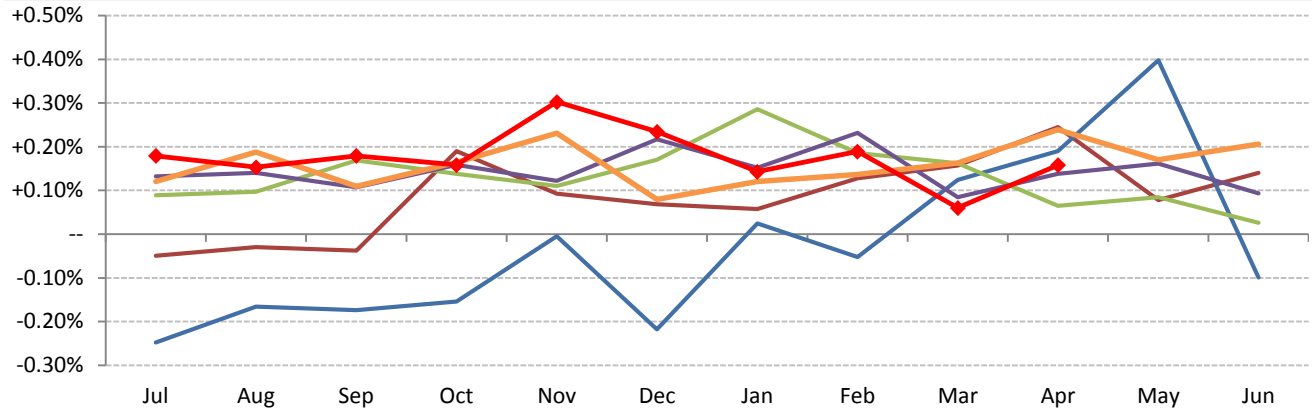
# Today's payroll data: what you need to know -- where did the jobs come from?

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



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

Payroll growth MOM, starting July — 2009-10 — 2010-11 — 2011-12 — 2012-13 — 2013-14 — 2014-15

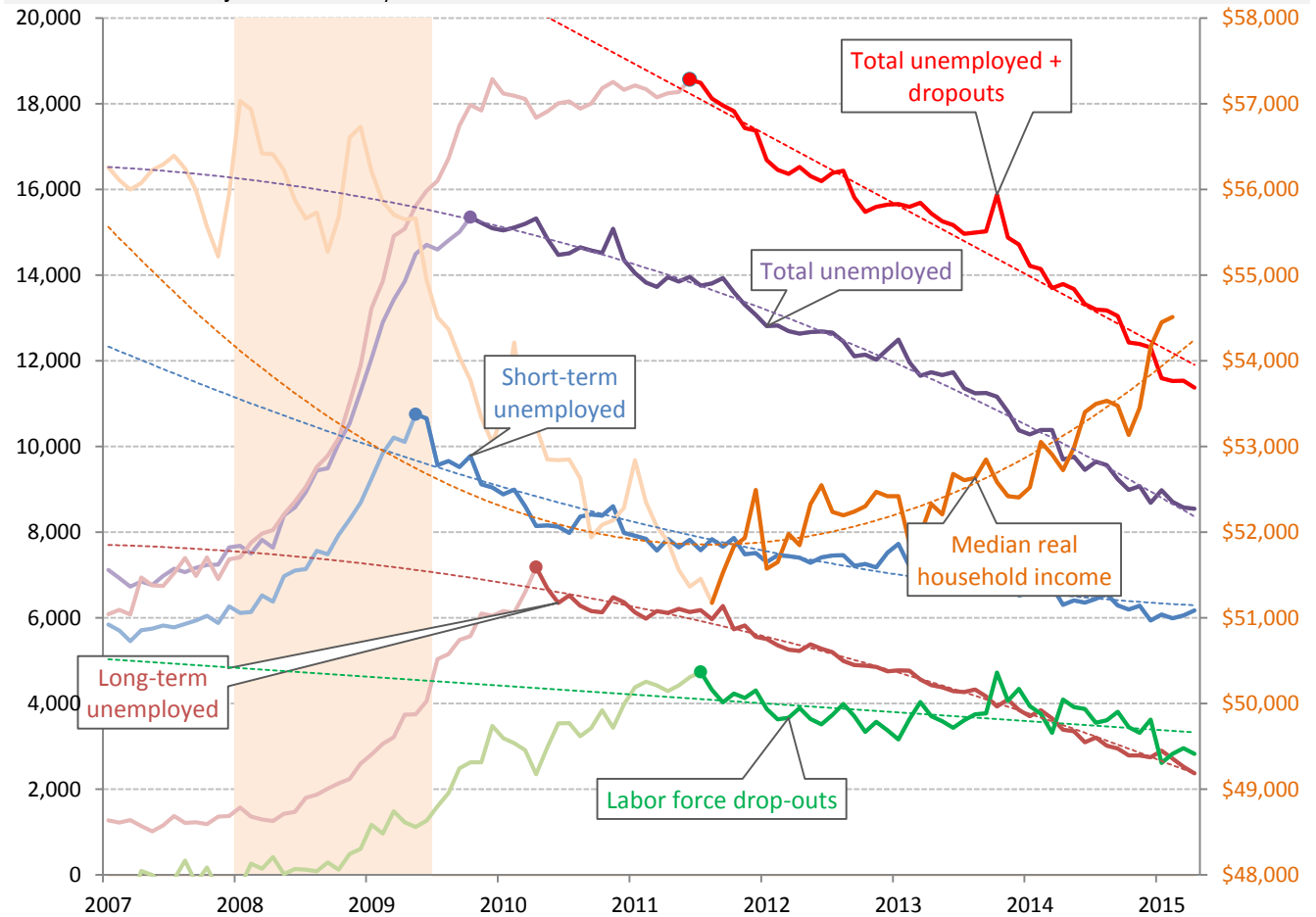


Source: BLS Current Population Survey, TrendMacro calculations

## The ultimate jobless recovery is becoming jobful

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

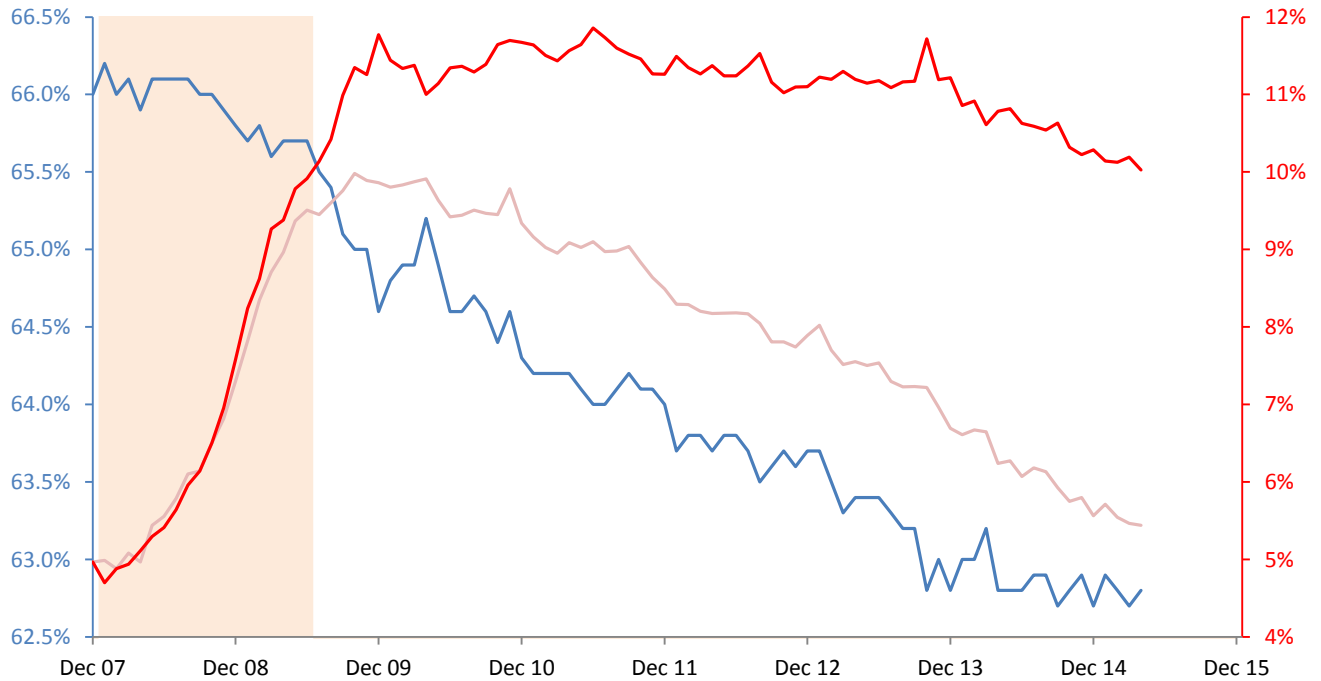
Income inflation adjusted to today's USD



Source: BLS Current Population Survey, TrendMacro calculations

## Unemployment rate normalized for participation rate December 2007

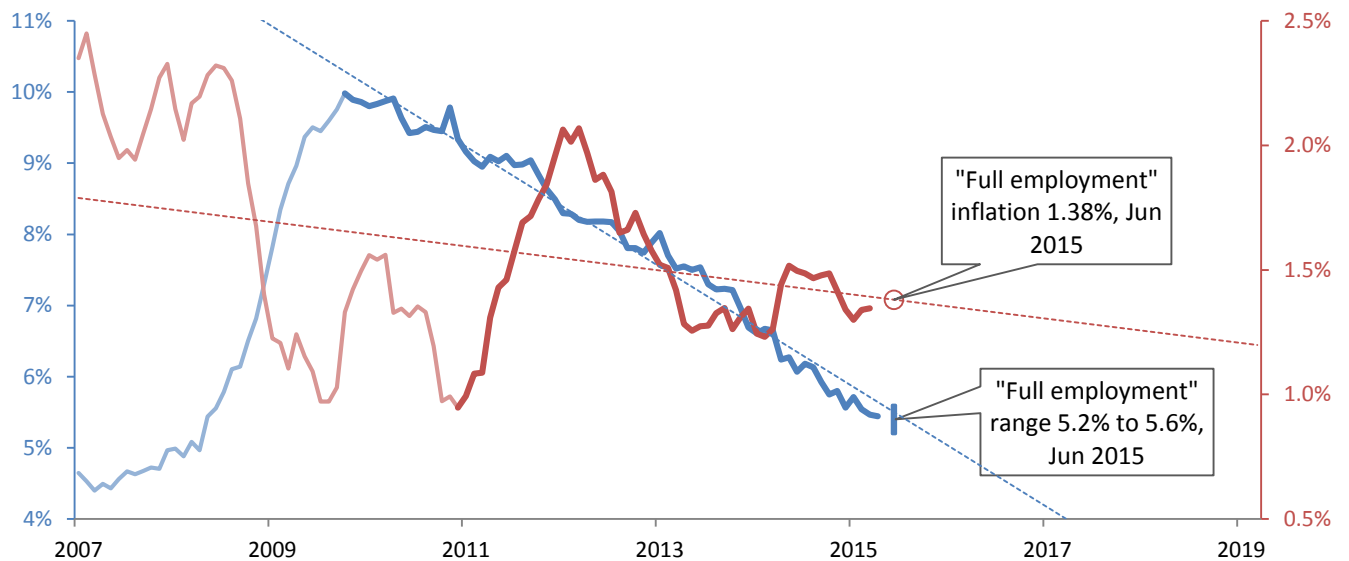
— Participation rate — Headline unemployment rate — Recession



Source: BLS Current Population Survey, TrendMacro calculations

## When will the labor market hit Yellen's new definition of "full employment"?

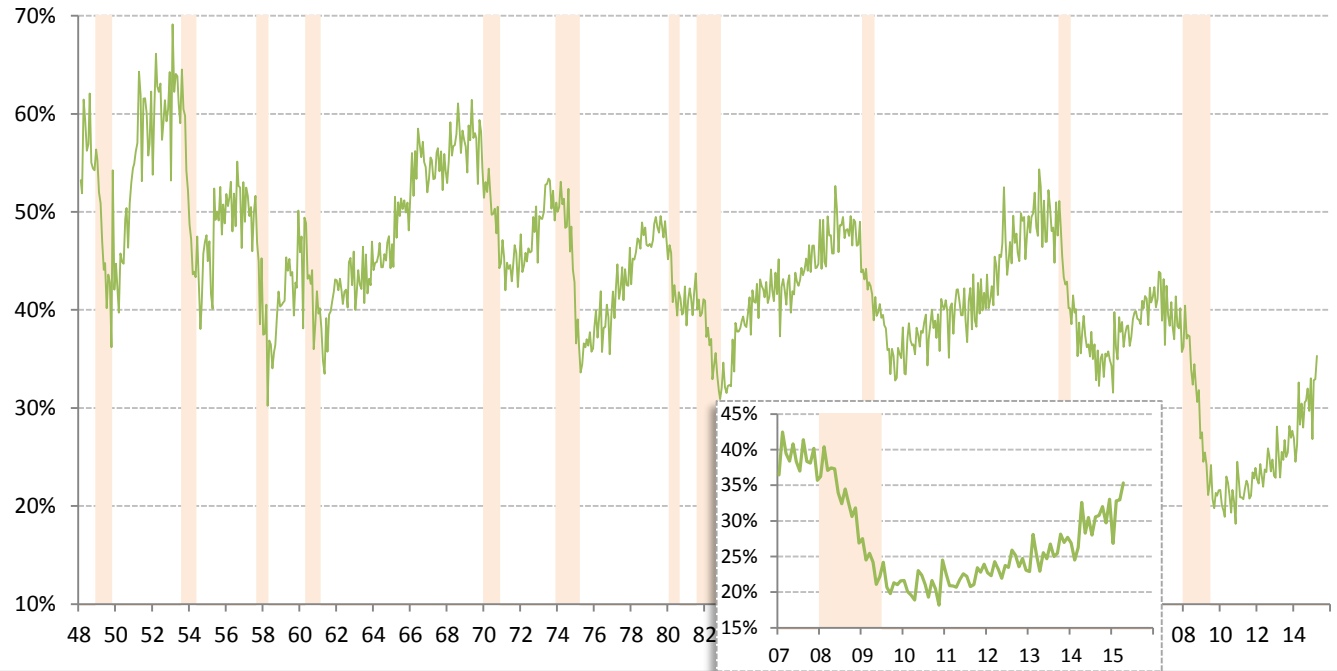
— Unemployment rate — Trend from peak — Core PCE inflation YOY — Trend from trough



Source: BLS, BEA, TrendMacro calculations

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

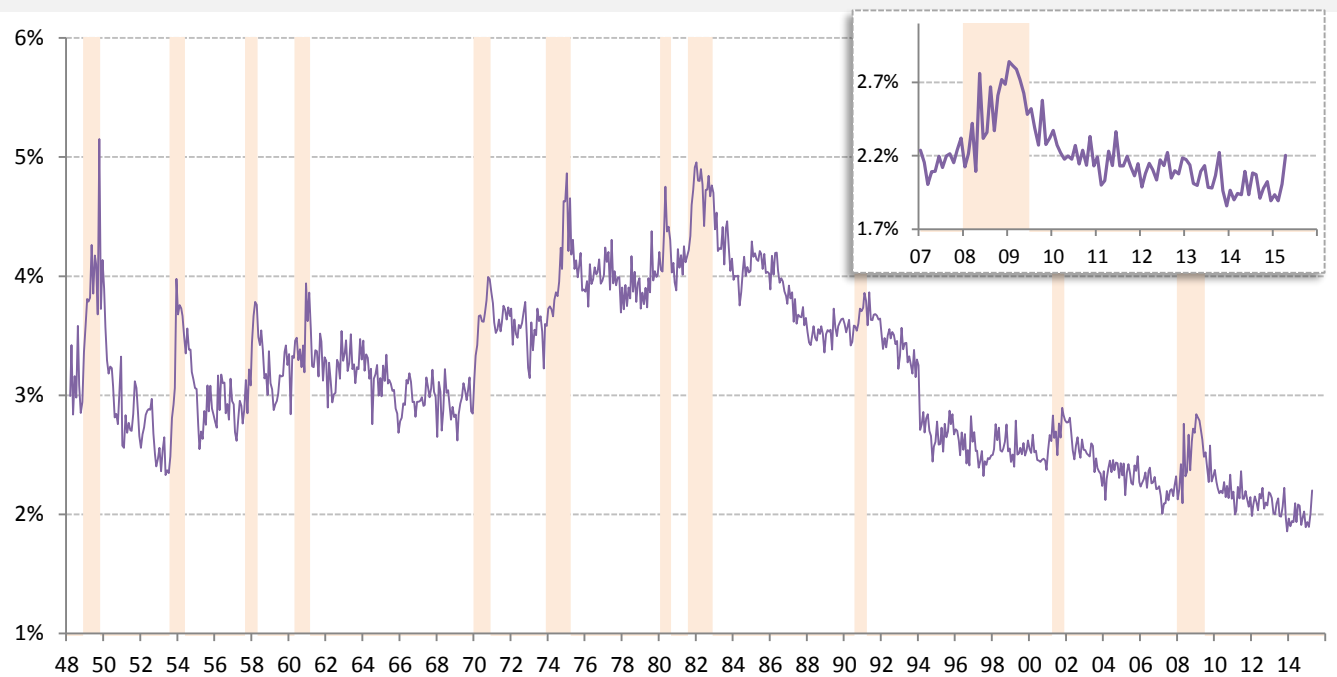
Chance of an unemployed person becoming employed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

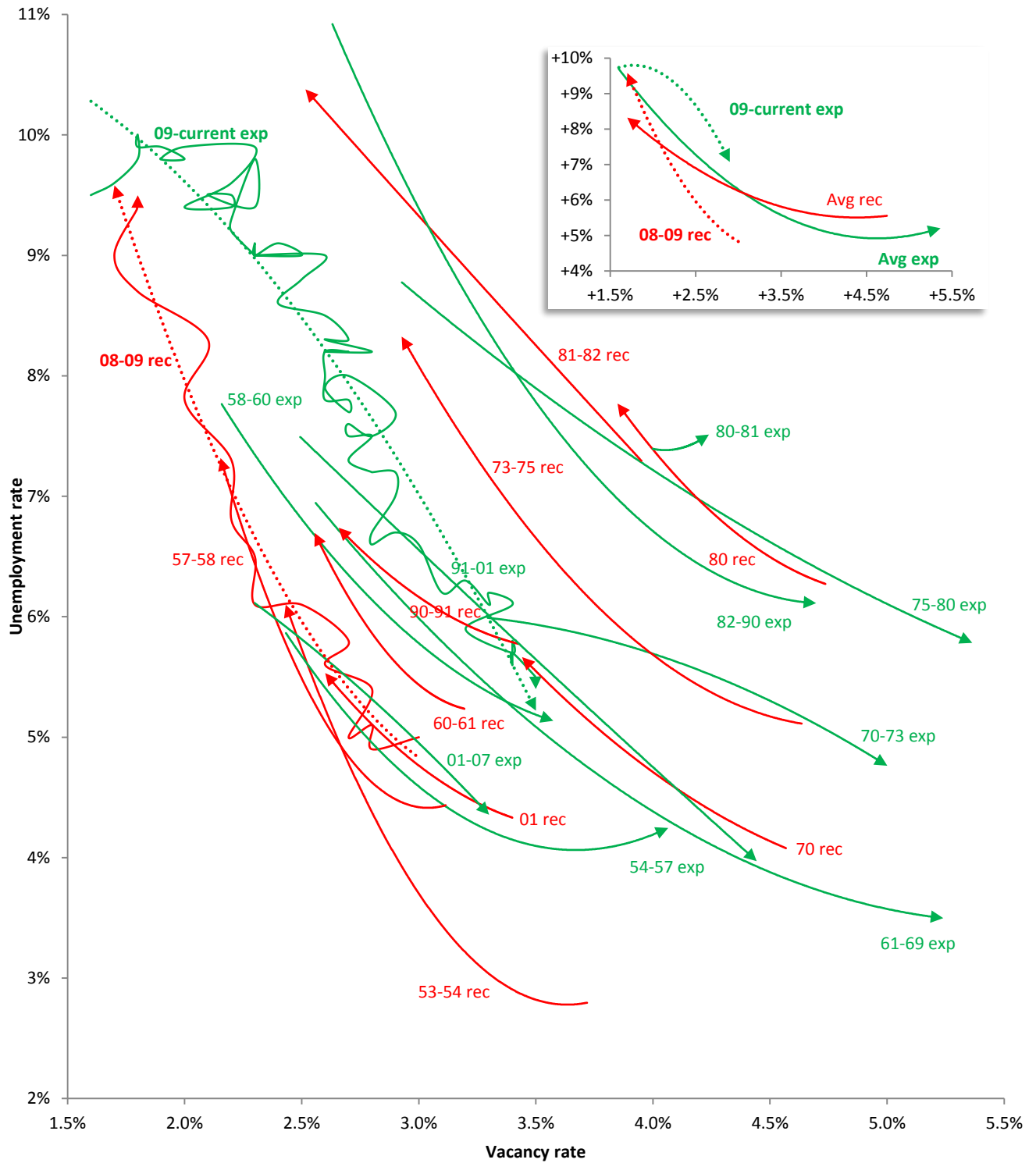
Chance of an employed person becoming unemployed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

# The Beveridge Curve Cycle relationship between unemployment and job openings

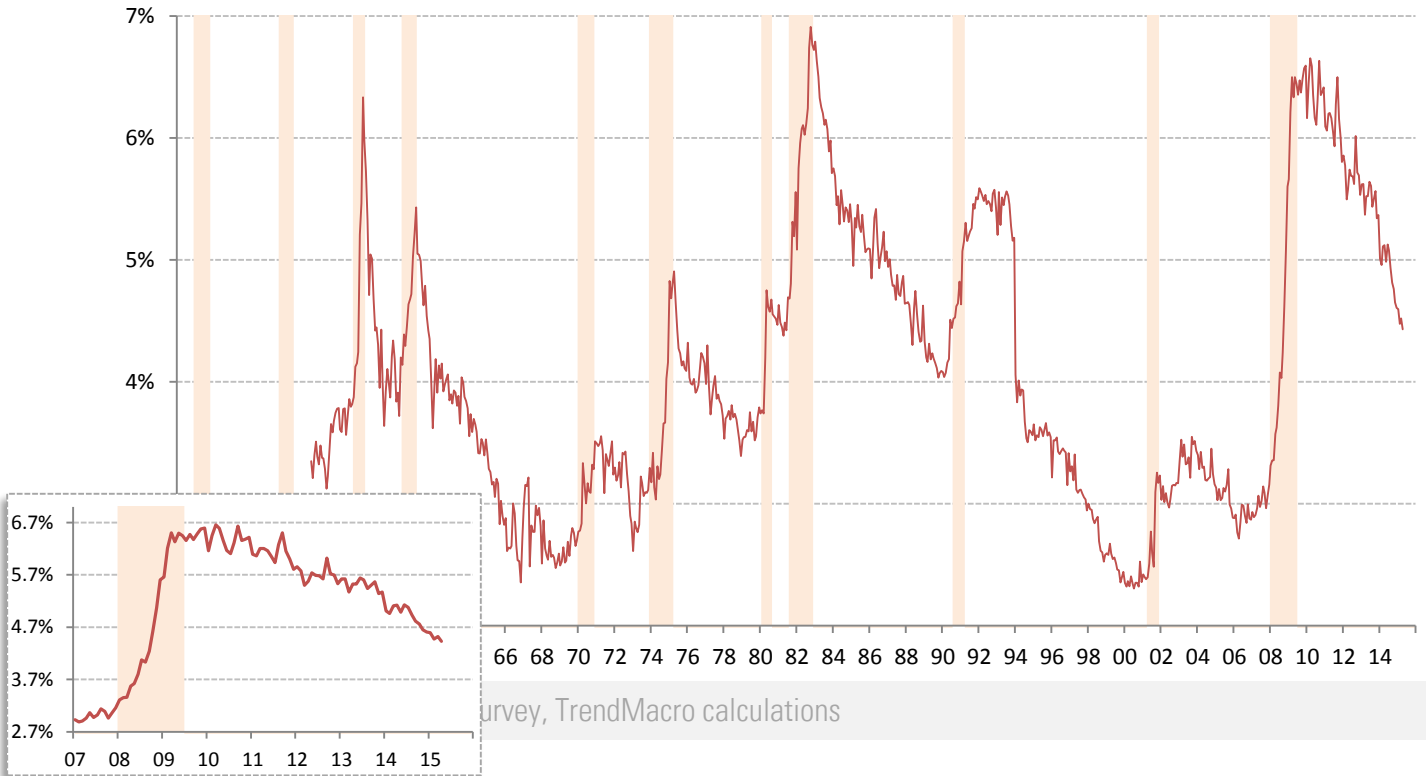
— Expansion — Recession Polynomial trend (order 2), plus monthly plots for 09-current expansion • Latest



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

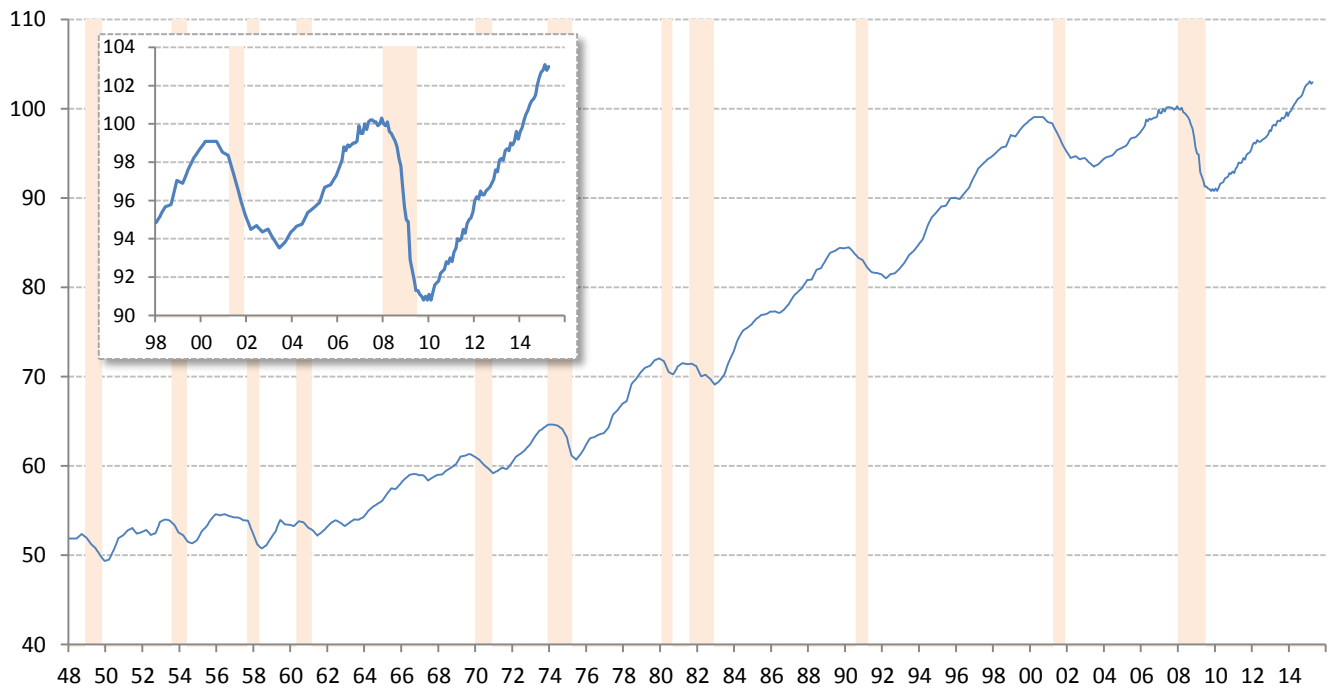
# Involuntary part-time workers as percentage of the employed labor force

Persons available for full-time work ■ Recession



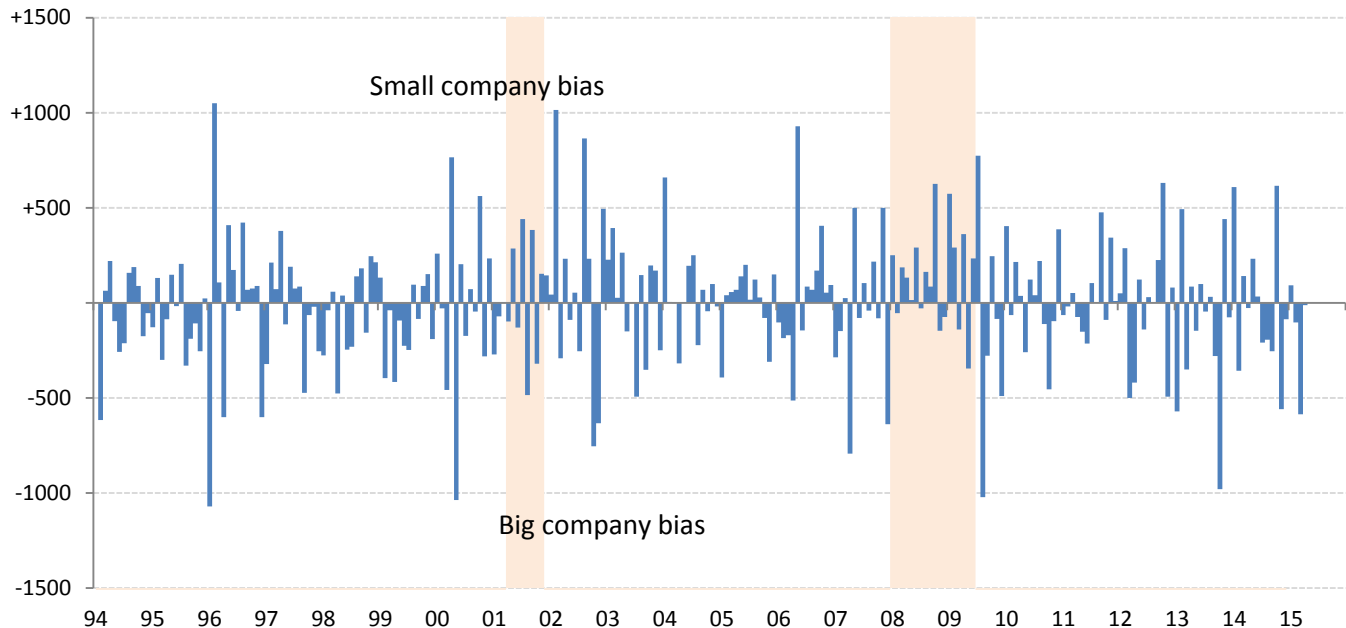
# Aggregate weekly private hours-worked index

■ Recession



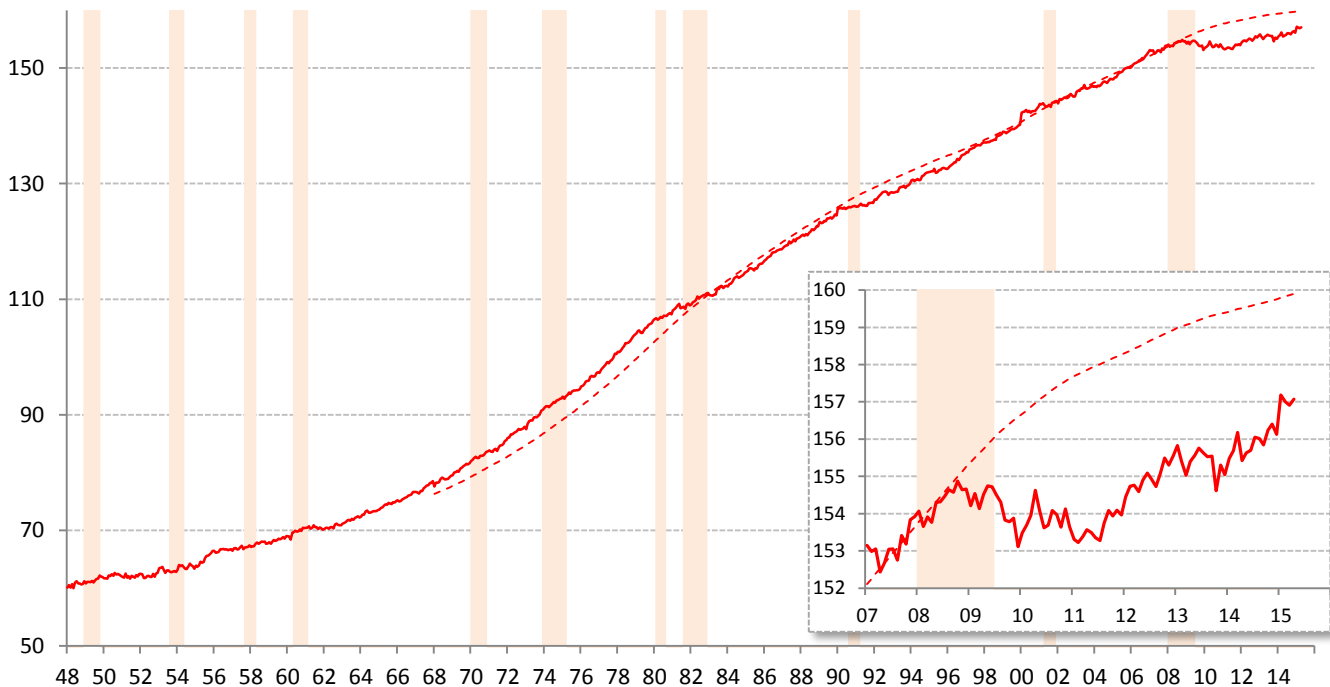
Source: BLS Productivity and Costs (quarterly) and Current Employment Stats (recent monthly), TrendMacro calcs

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