
















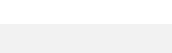


Data Insights: Jobs

Friday, November 7, 2014

Today's jobs data: what you need to know

Non-farm payrolls	Change Oct: +214	Revision Sep: +8	Revision Aug: +23	
Private payrolls	Change Oct: +209	Revision Sep: +8	Revision Aug: +25	
Employment	Change Oct: +683			
Unemployment	Change Oct: -267			
Long-term unemployment	Change Oct: -162			
Civilian labor force	Change Oct: +416	4.71 million below trend	More than all entrants employed	
Unemployment rate	Oct: 5.76%	Change Oct: -0.19%		
Underemployment rate	Oct: 11.5%	Change Oct: -0.3%		
Participation rate	Oct: 62.8%	Change Oct: +0.1%		
UE adjusted for participation	Oct: 11.9%	Change Oct: -0.31%		
Avg weeks unemployed	Oct: 32.7	Change Oct: +1.2		
% longterm unemployed	Oct: 32.0%	Change Oct: +0.1%		
Agg hours worked index	Oct: 101.9	Change Oct: +0.5%		
Agg weekly earnings	Oct: 119.4	Change Oct: +0.6%		
Monthly job-finding probability	Oct: 32.3%	Change Oct: +1.5%		
Monthly separation probability	Oct: 2.0%	Change Oct: +0.1%		
% involuntary part-time	Oct: 4.8%	Change Oct: -0.1%		
"Household" vs "Payroll" jobs	Change Oct: -191			

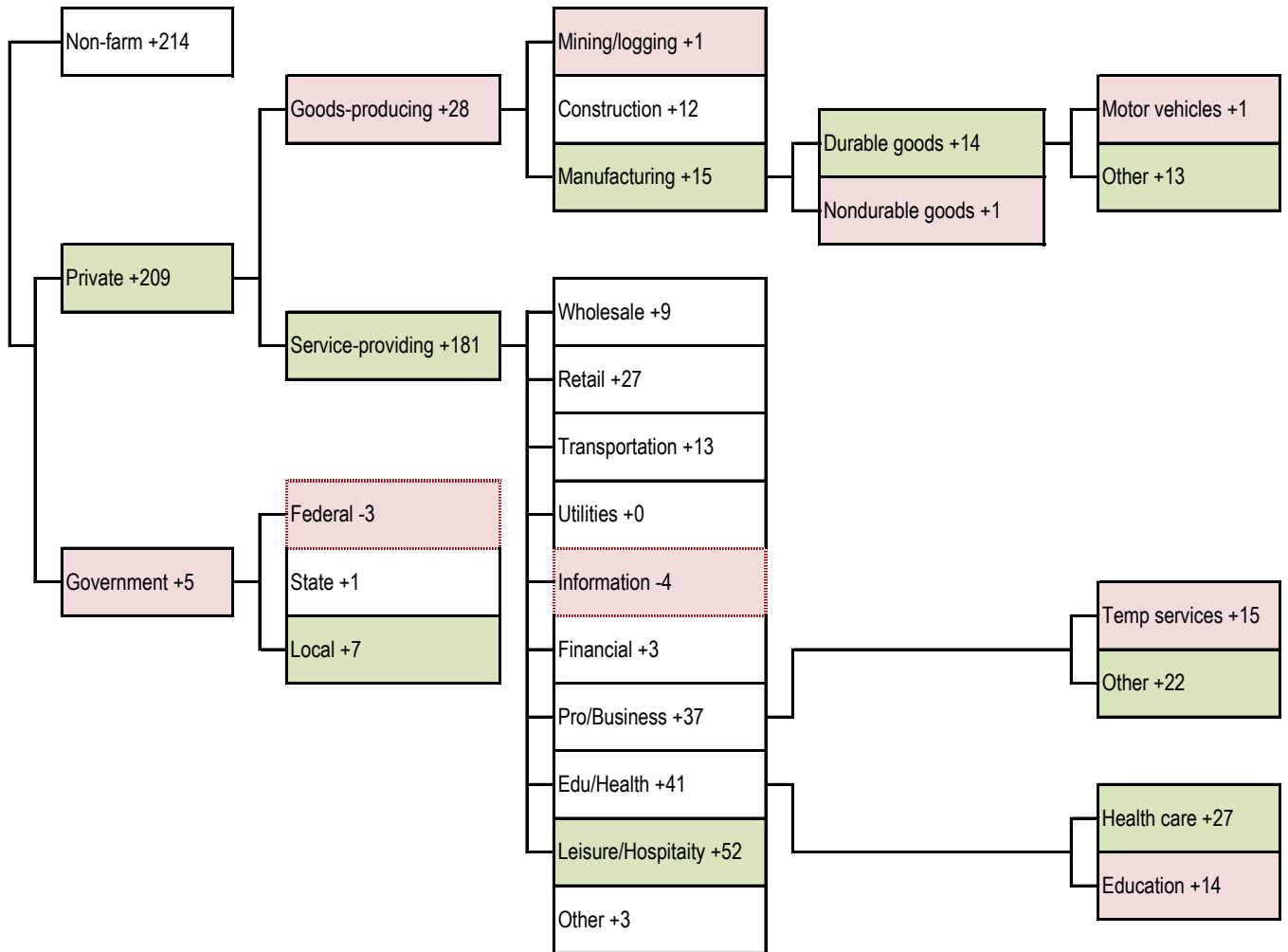
Source: Bureau of Labor Statistics, TrendMacro calculations

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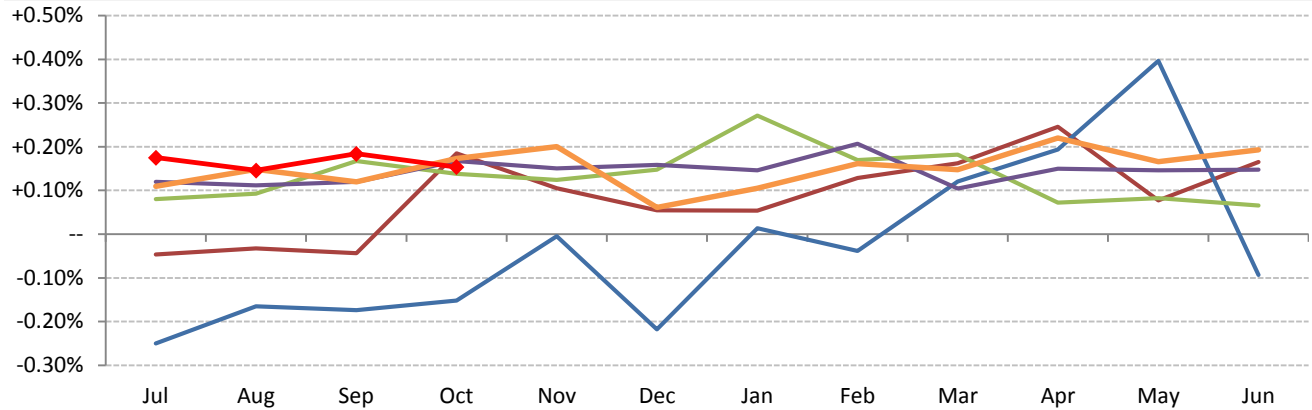
Today's payroll data: what you need to know -- where did the jobs come from?

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

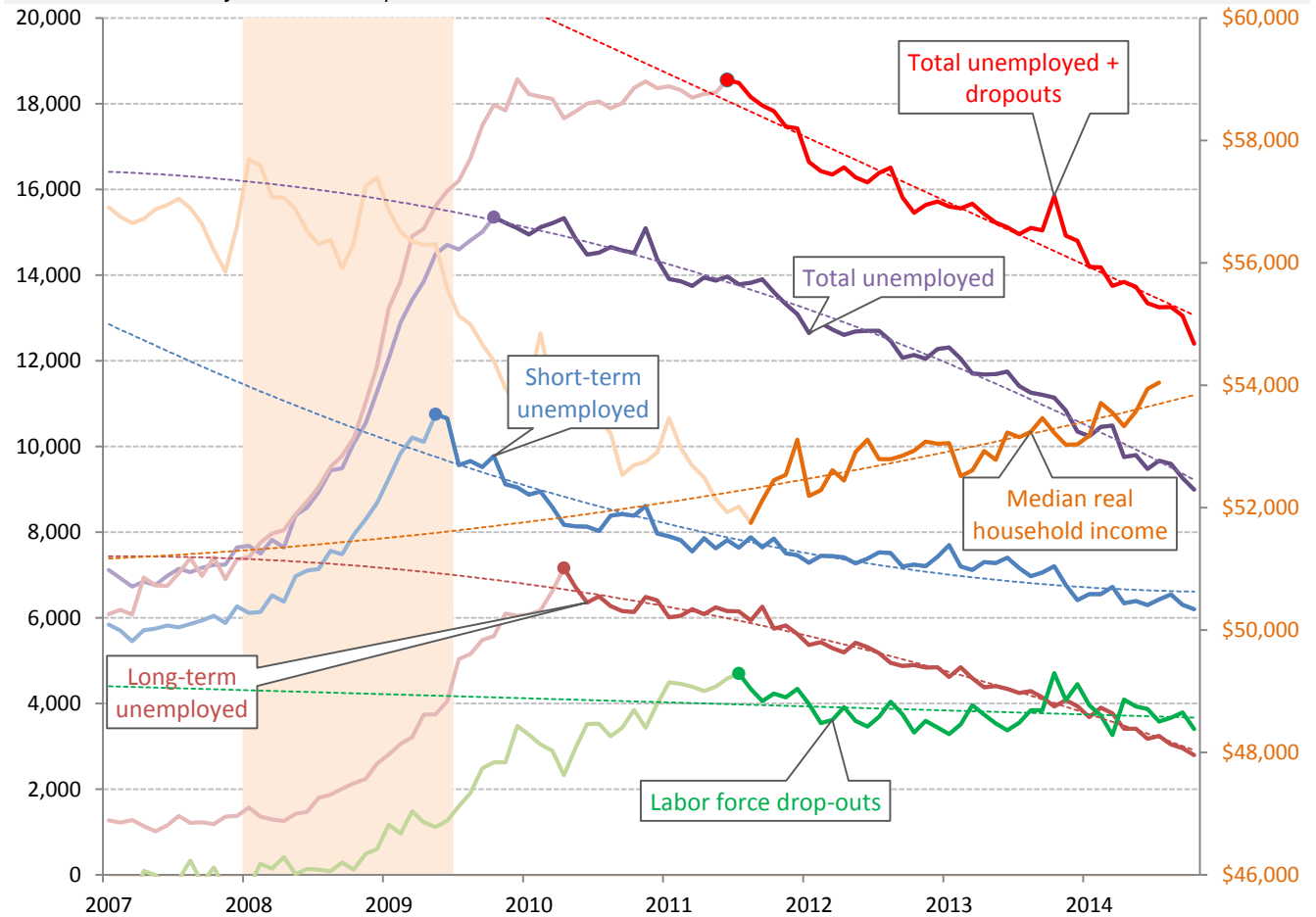


Source: BLS Current Population Survey, TrendMacro calculations

The ultimate jobless recovery is becoming jobful

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

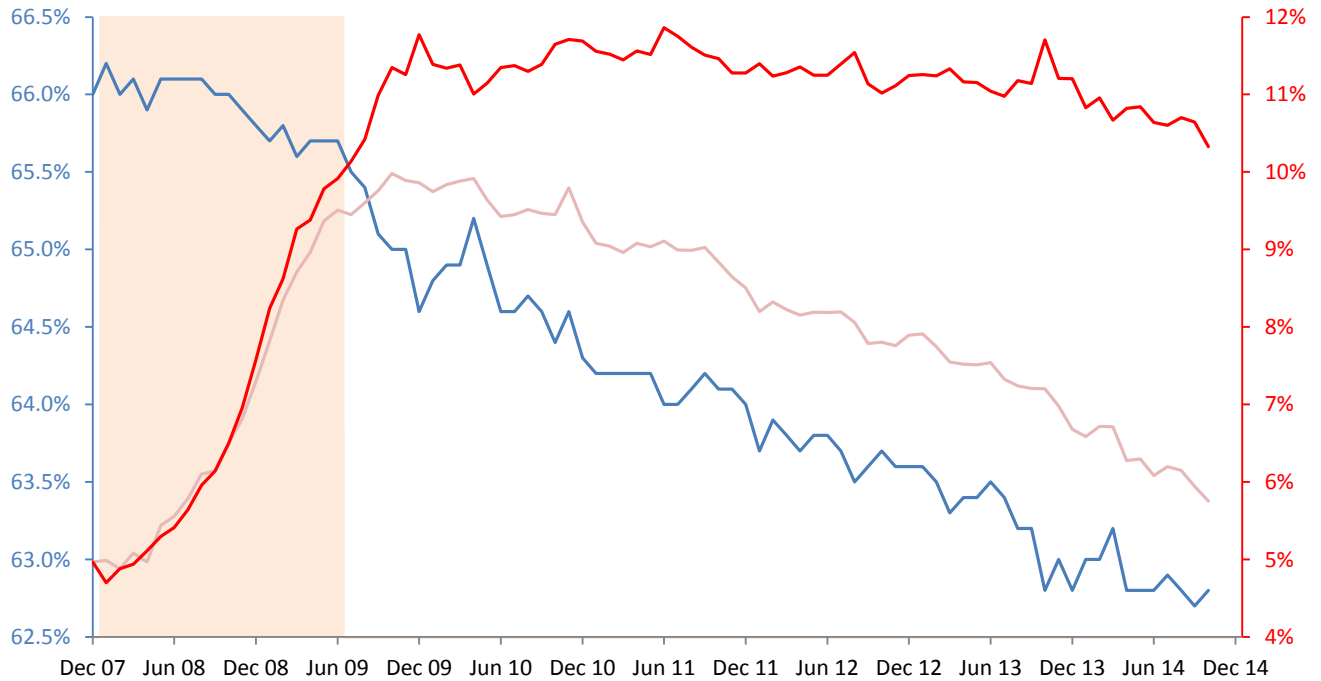
Income inflation adjusted to today's USD



Source: BLS Current Population Survey, TrendMacro calculations

Unemployment rate normalized for participation rate December 2007

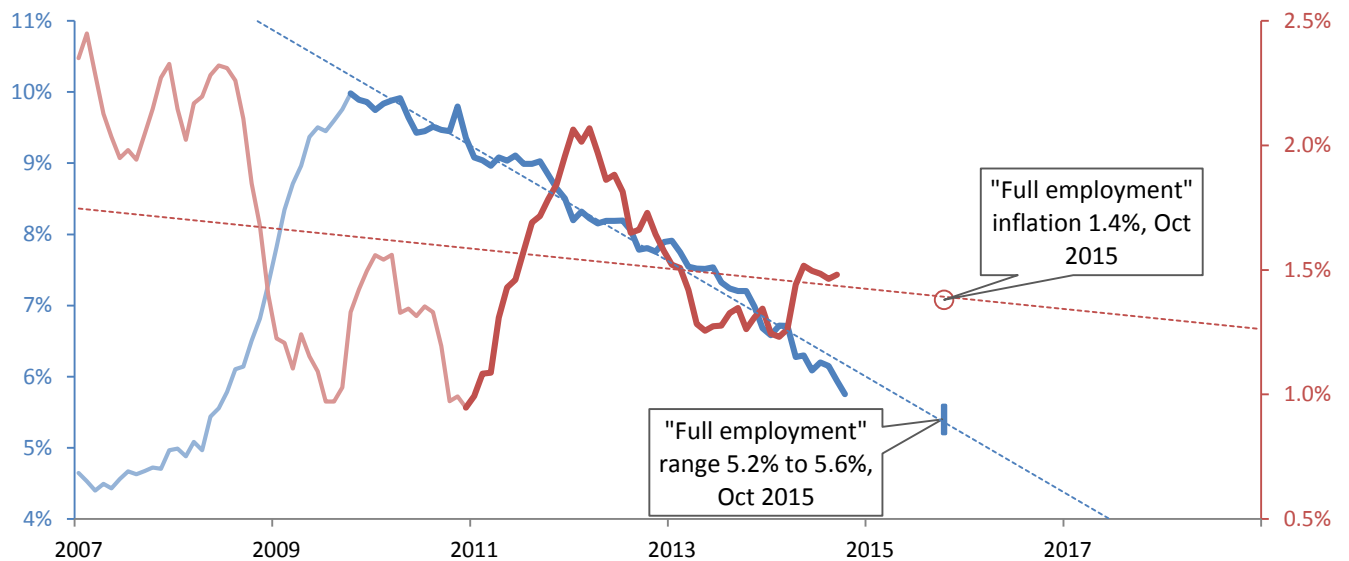
— Participation rate — Headline unemployment rate — Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

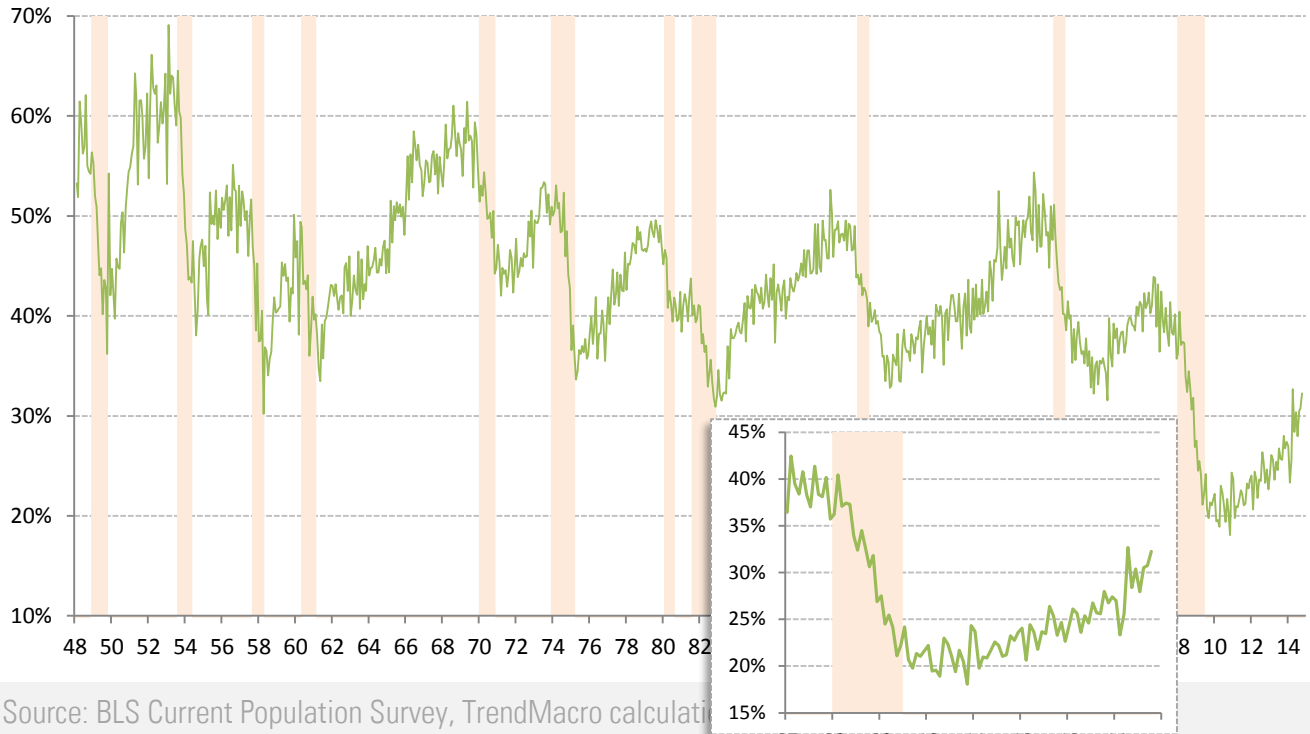
— Unemployment rate — Trend from peak — Core PCE inflation YOY — Trend from trough



Source: BLS, BEA, TrendMacro calculations

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

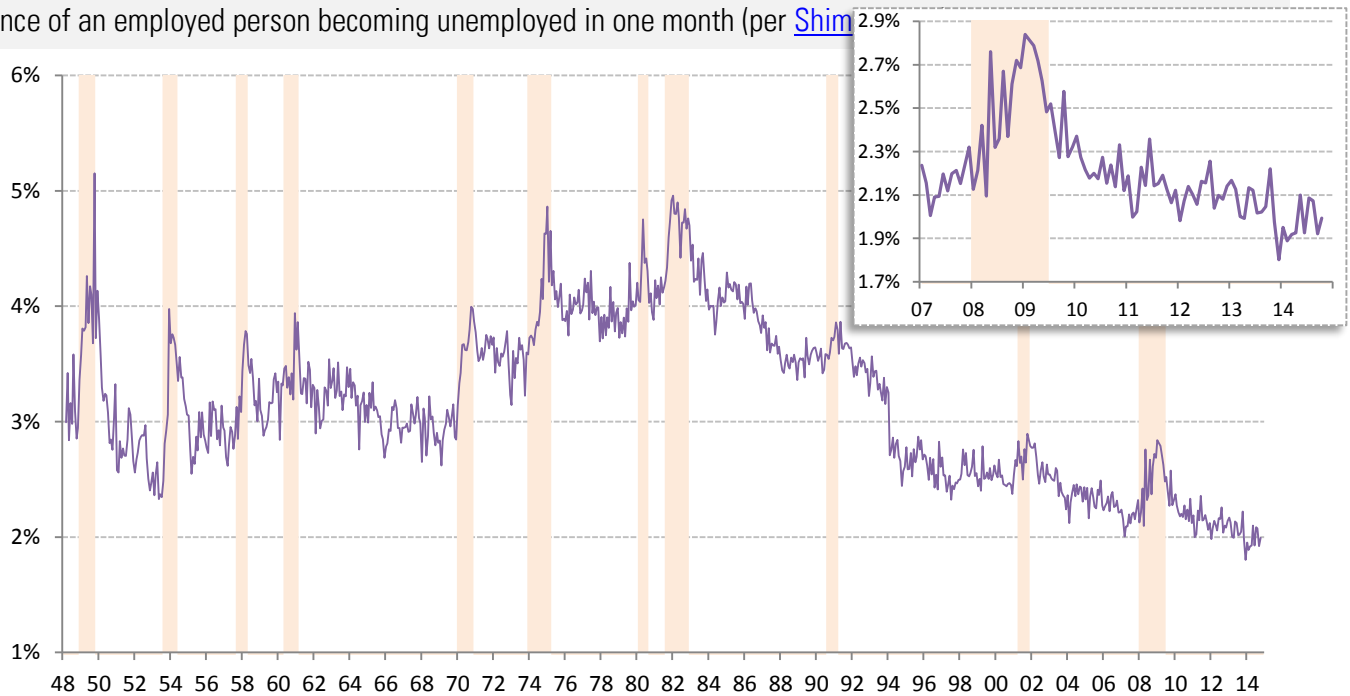
Chance of an unemployed person becoming employed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

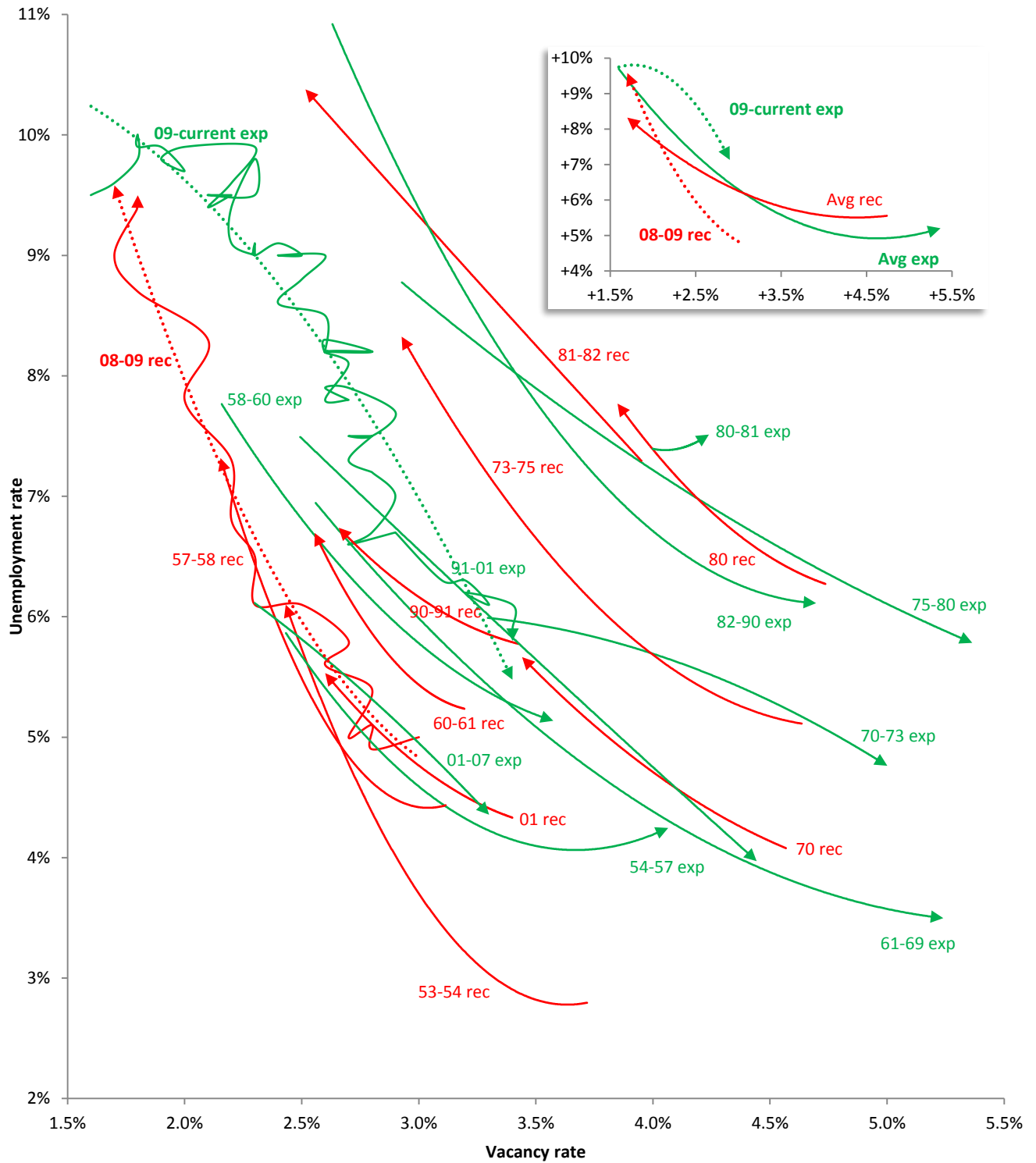
Chance of an employed person becoming unemployed in one month (per [Shim](#)



Source: BLS Current Population Survey, TrendMacro calculations

The Beveridge Curve Cycle relationship between unemployment and job openings

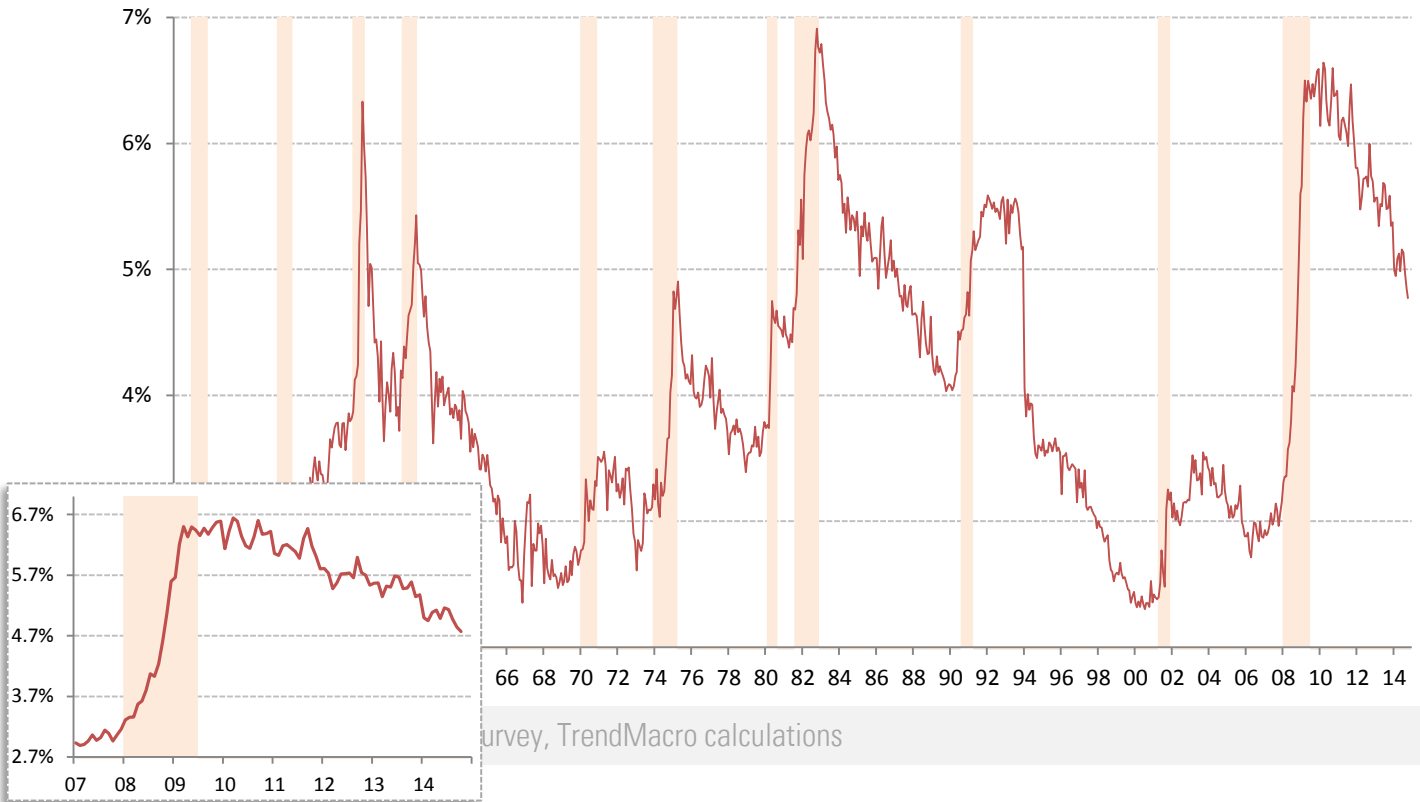
— Expansion — Recession Polynomial trend (order 2), plus monthly plots for 09-current expansion • Latest



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

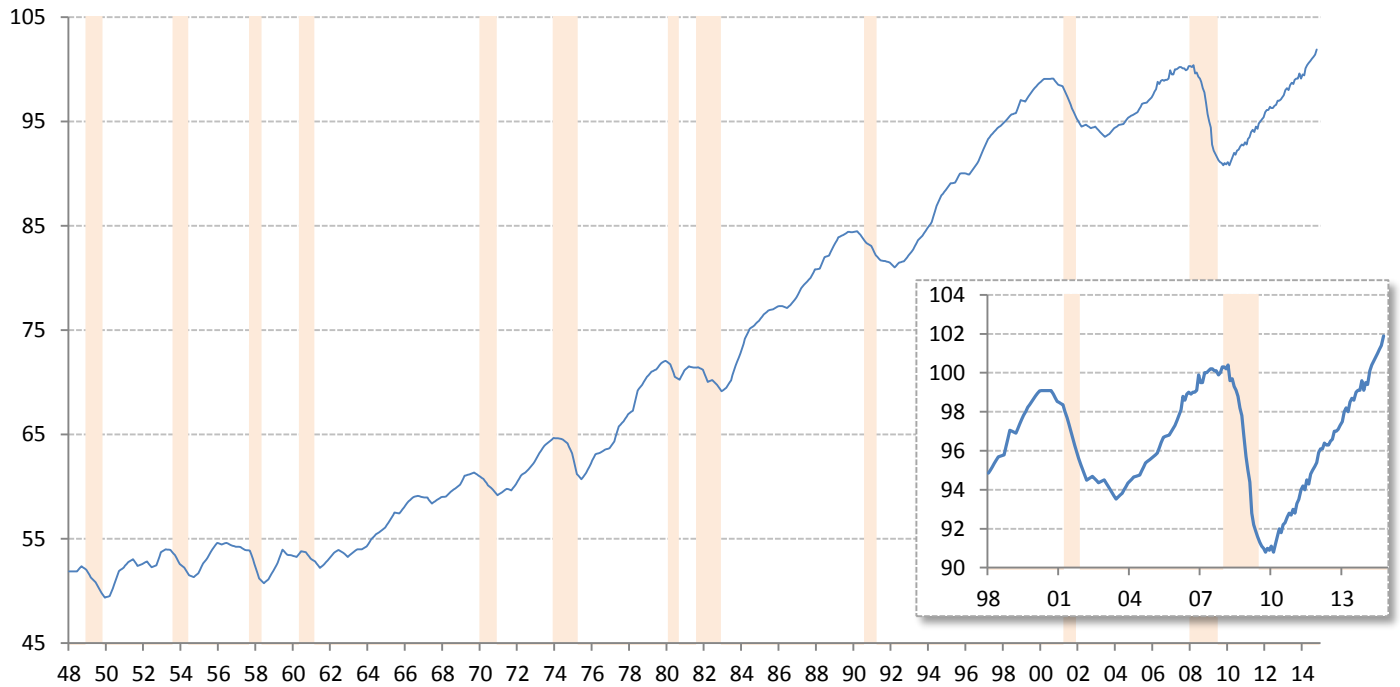
Involuntary part-time workers as percentage of the employed labor force

Persons available for full-time work ■ Recession



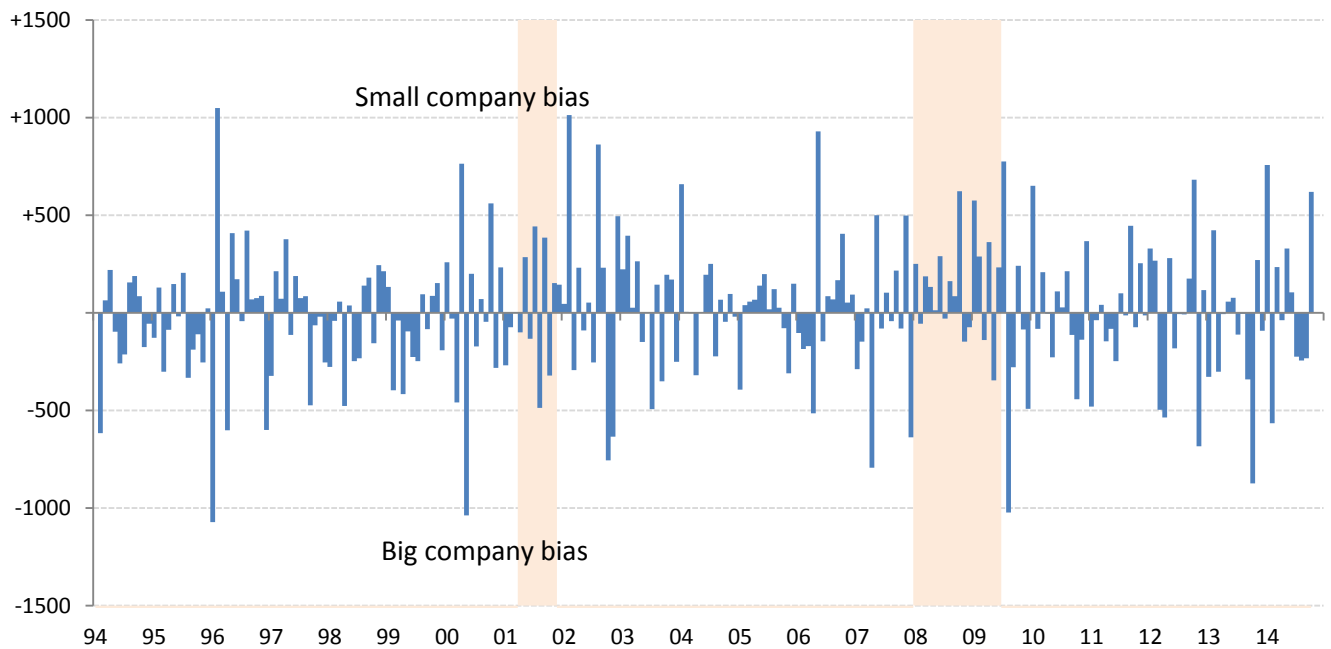
Survey, TrendMacro calculations

Aggregate weekly private hours-worked index ■ Recession



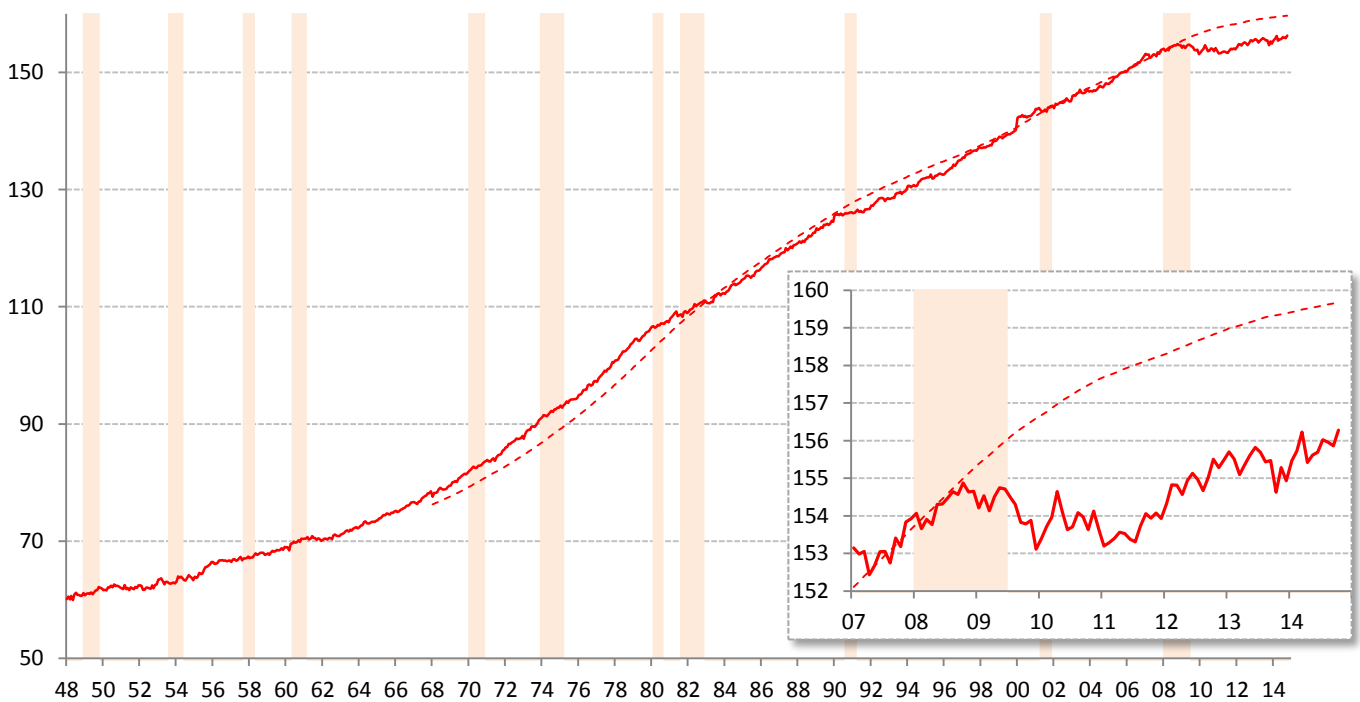
Source: BLS Productivity and Costs (quarterly) and Current Employment Stats (recent monthly), TrendMacro calcs

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