
















Data Insights: Jobs

Friday, December 8, 2017

Today's jobs data: what you need to know

| | | | | |
|--|------------------|--------------------------|------------------------------|---|
| Non-farm payrolls | Change Nov: +228 | Revision Oct: -17 | Revision Sep: +20 |  |
| Private payrolls | Change Nov: +221 | Revision Oct: -5 | Revision Sep: +35 |  |
| Employment | Change Nov: +57 | | |  |
| Unemployment | Change Nov: +90 | | |  |
| Long-term unemployment | Change Nov: -41 | | |  |
| Civilian labor force | Change Nov: +148 | 4.72 million below trend | 61.2% of entrants unemployed |  |
| Unemployment rate | Nov: 4.12% | Change Nov: +0.05% | |  |
| Underemployment rate | Nov: 8.0% | Change Nov: +0.1% | |  |
| Participation rate | Nov: 62.7% | Change Nov: unch | |  |
| UE adjusted for participation | Nov: 8.9% | Change Nov: +0.05% | |  |
| Average weeks unemployed | Nov: 25.4 | Change Nov: -0.6 | |  |
| % longterm unemployed | Nov: 23.8% | Change Nov: -1.0% | |  |
| Aggregate hours worked index | Nov: 108.2 | Change Nov: +0.5% | Revision Oct: +0 |  |
| Average hourly earnings | Nov: +0.2% | Change Nov: +0.3% | Revision Oct: unch |  |
| Aggregate weekly earnings | Nov: 137.3 | Change Nov: +0.7% | Revision Oct: -0.1 |  |
| Monthly job-finding probability | Nov: 33.1% | Change Nov: -2.3% | |  |
| Monthly separation probability | Nov: 1.8% | Change Nov: +0.1% | |  |
| % involuntary part-time | Nov: 3.1% | Change Nov: +0.0% | |  |
| "Household" vs "Payroll" jobs | Change Nov: +20 | | |  |

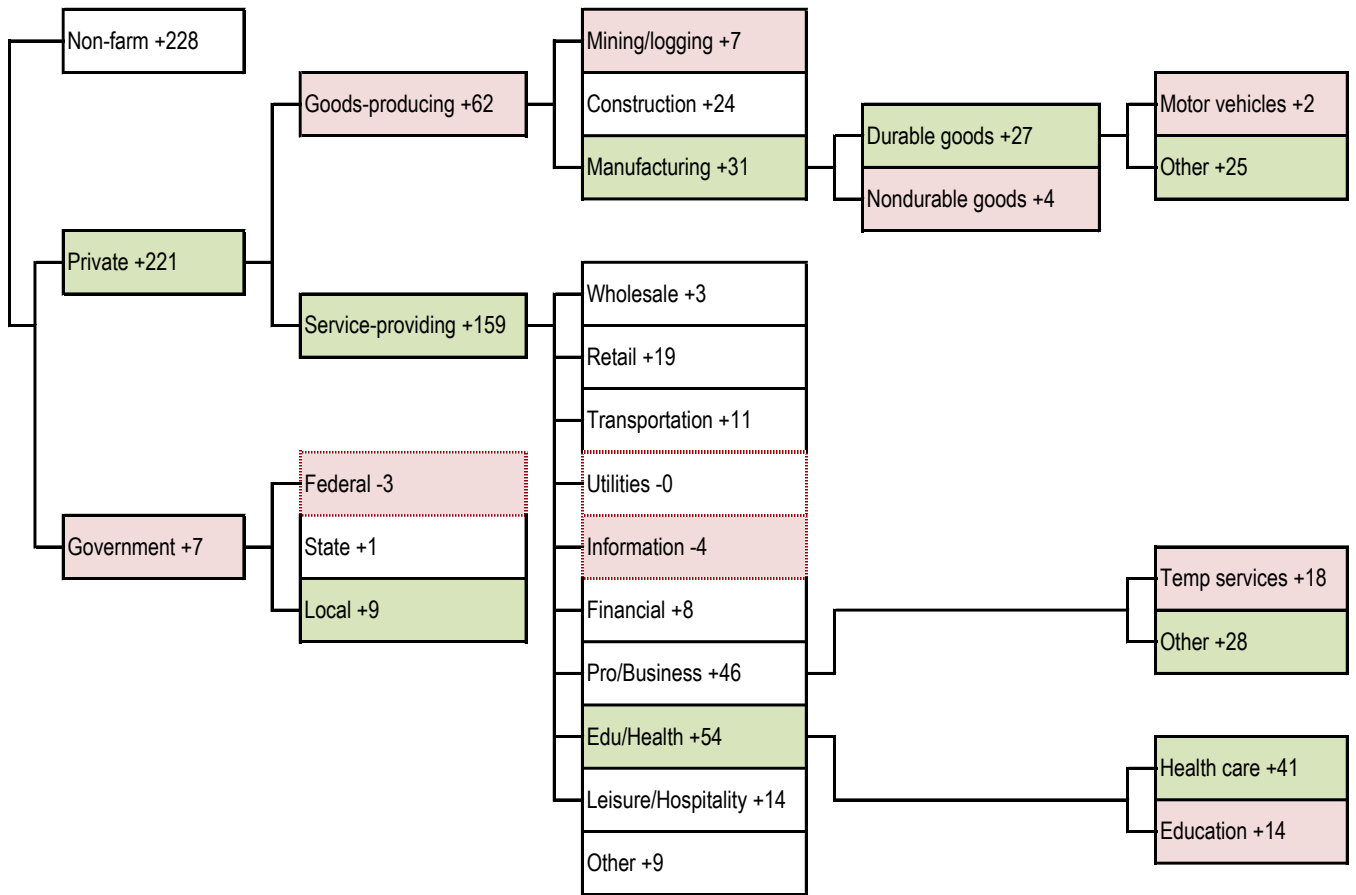
Source: Bureau of Labor Statistics, TrendMacro calculations

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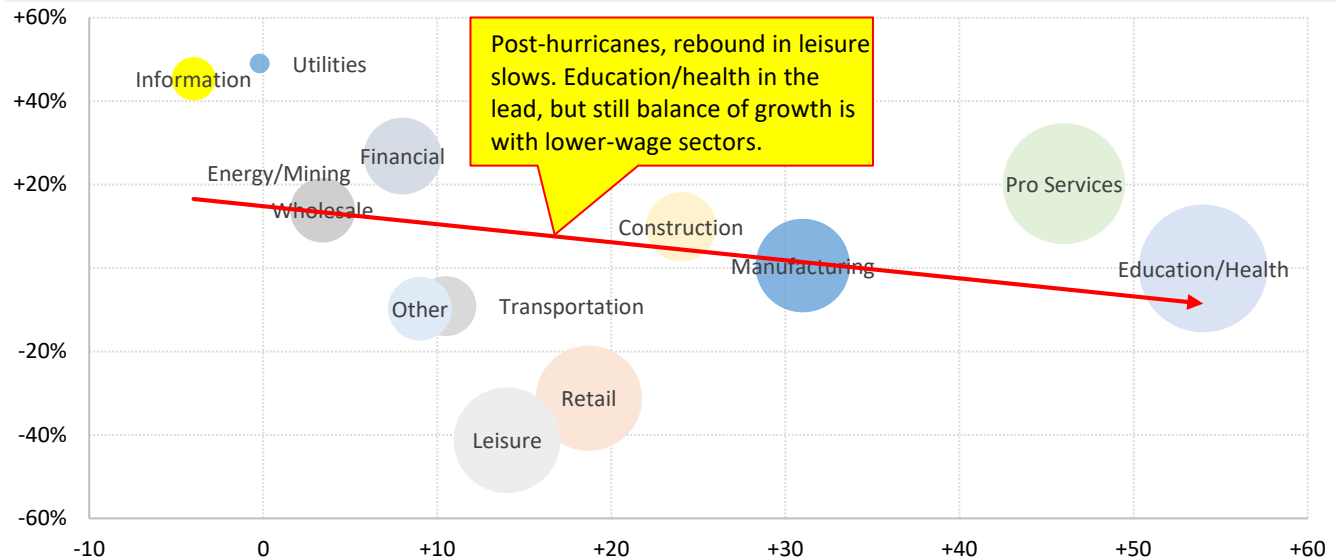
Today's payroll data: what you need to know -- where did the jobs come from?

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



Where is the pay coming from?

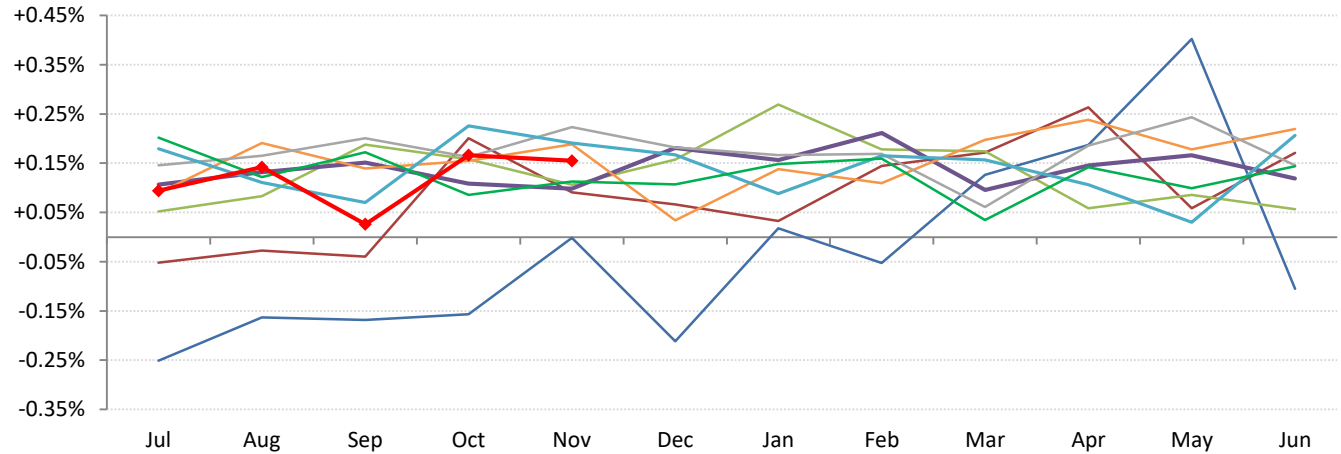
Vertical: Hourly wages vs average Horizontal: Payrolls change this month Circle size: Share of all employment



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 — 2015-16 — 2015-16 — 2017-18

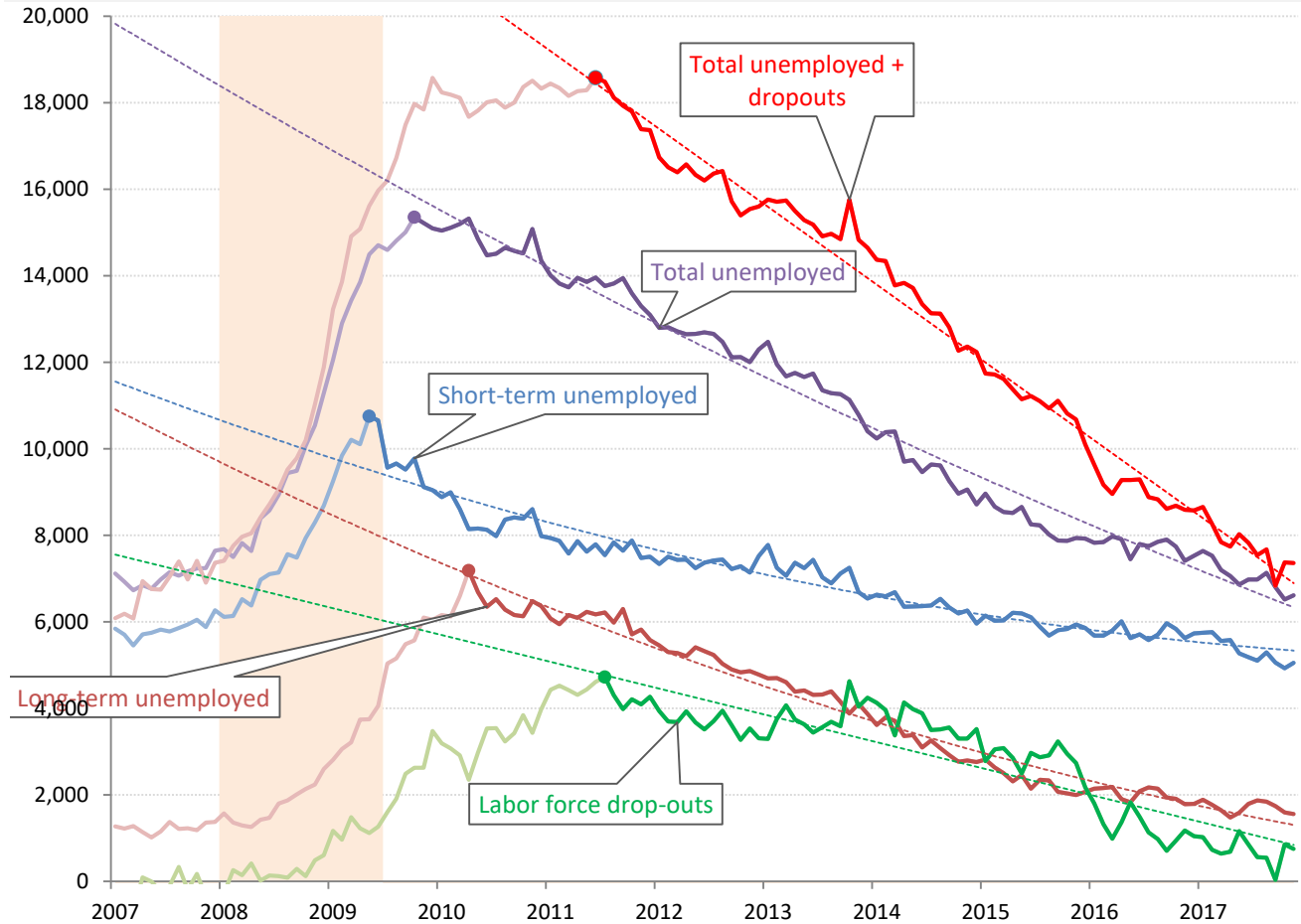


Source: BLS Current Population Survey, TrendMacro calculations

The ultimate jobless recovery is becoming jobful

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

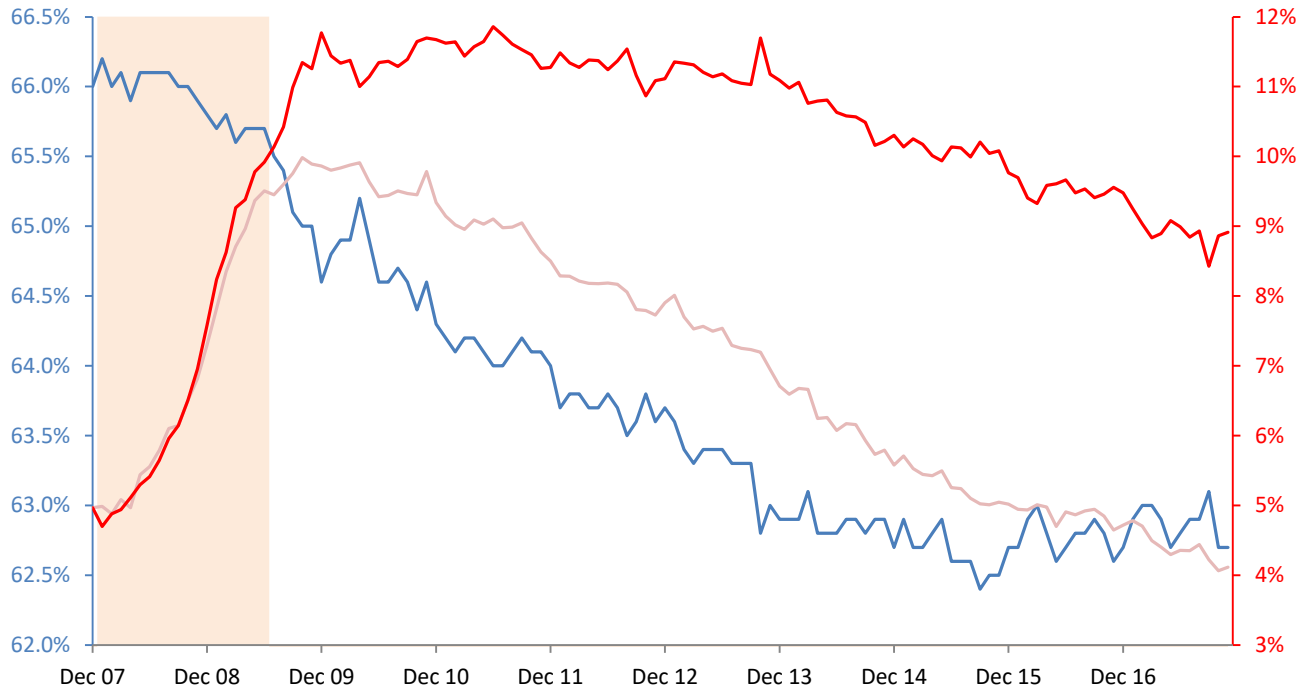
Income inflation adjusted to today's USD



Source: BLS Current Population Survey, TrendMacro calculations

Unemployment rate normalized for participation rate December 2007

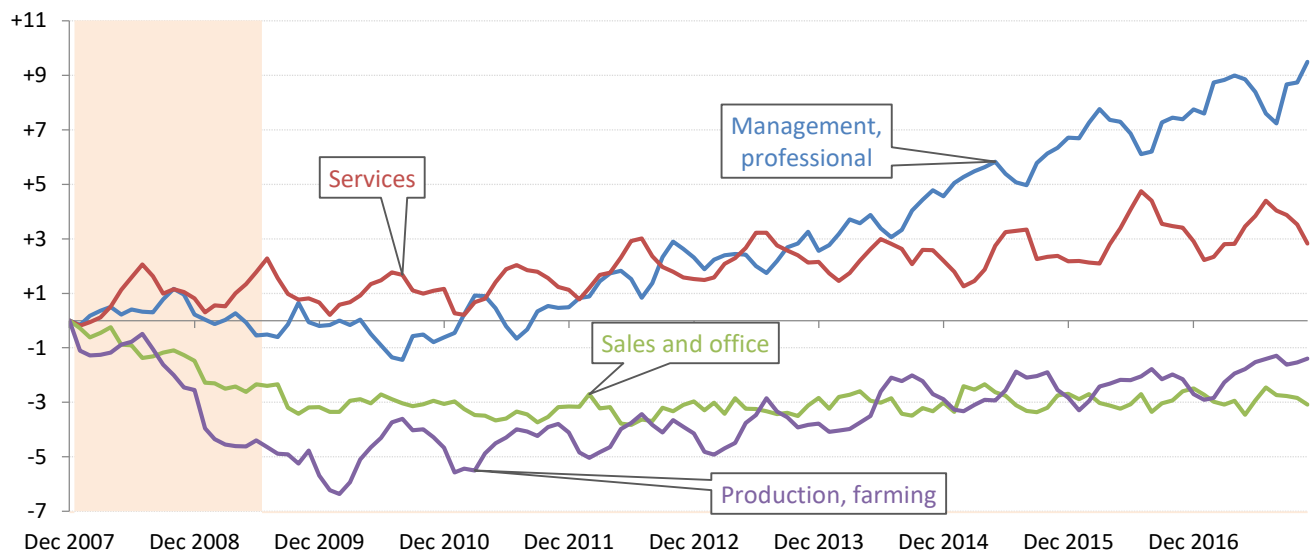
— Participation rate — Headline unemployment rate — Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

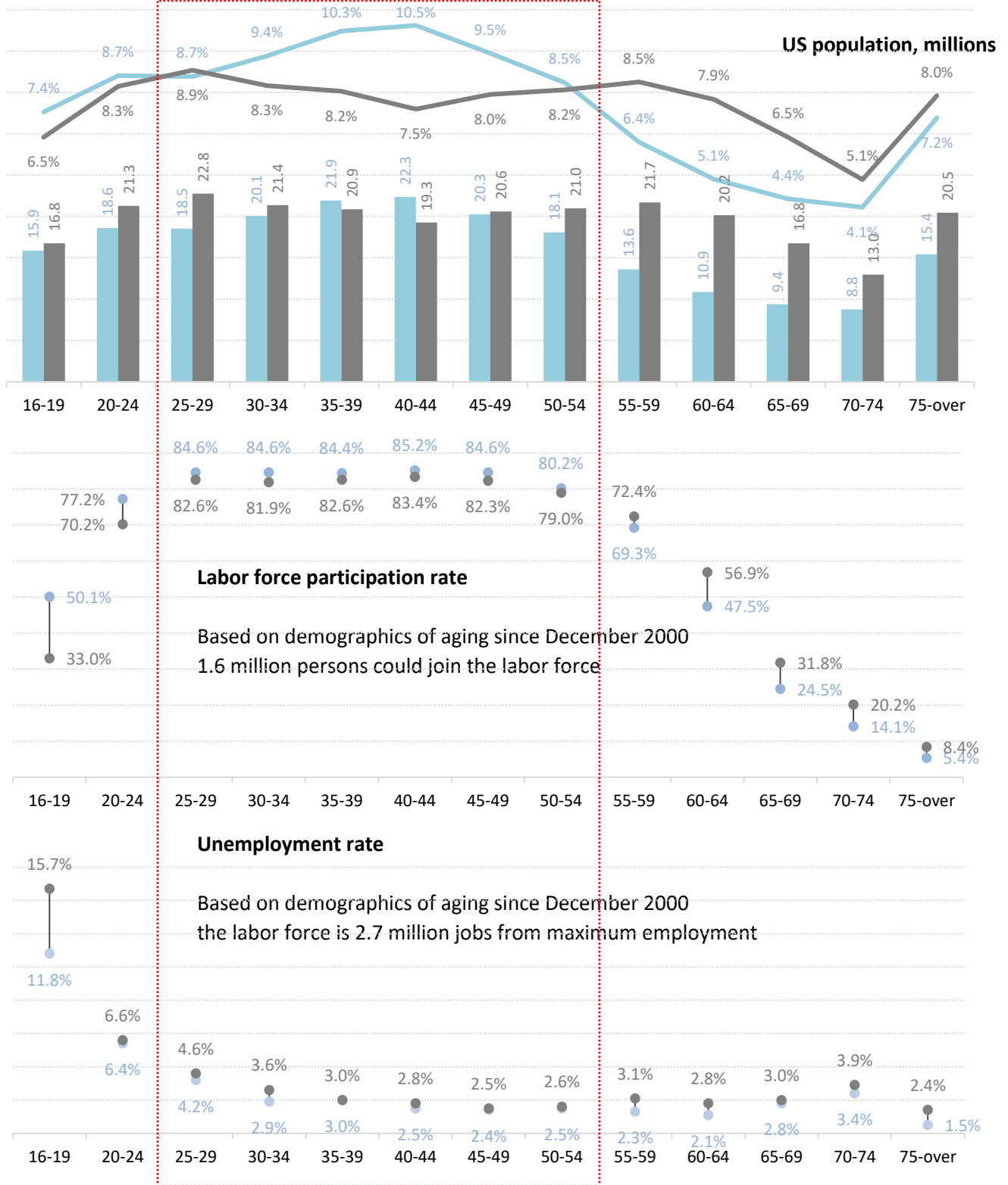
Change in total payrolls from prior business cycle peak, millions



Source: BLS, NBER, TrendMacro calculations

US labor force demographics: fading baby boom and its rising echo

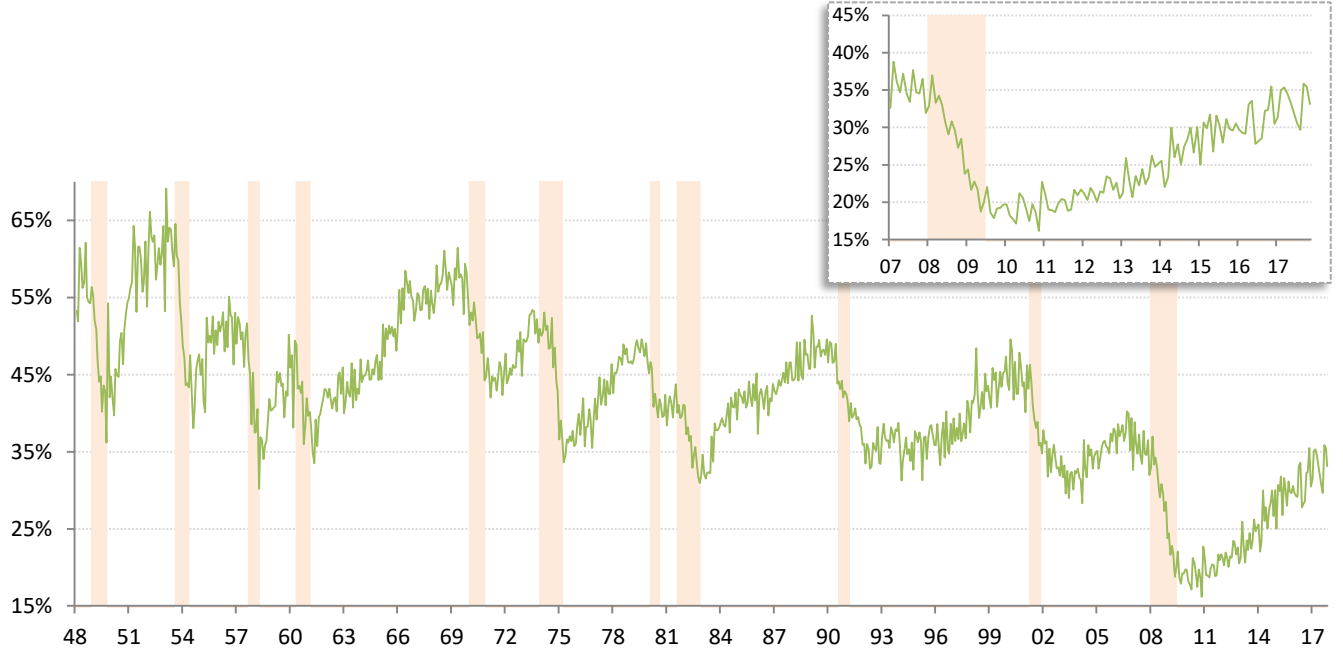
By age bracket: ■ December 2000, peak in the labor force participation rate ■ Latest □ Prime working age



Source: BLS Current Population Survey, TrendMacro calculations

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

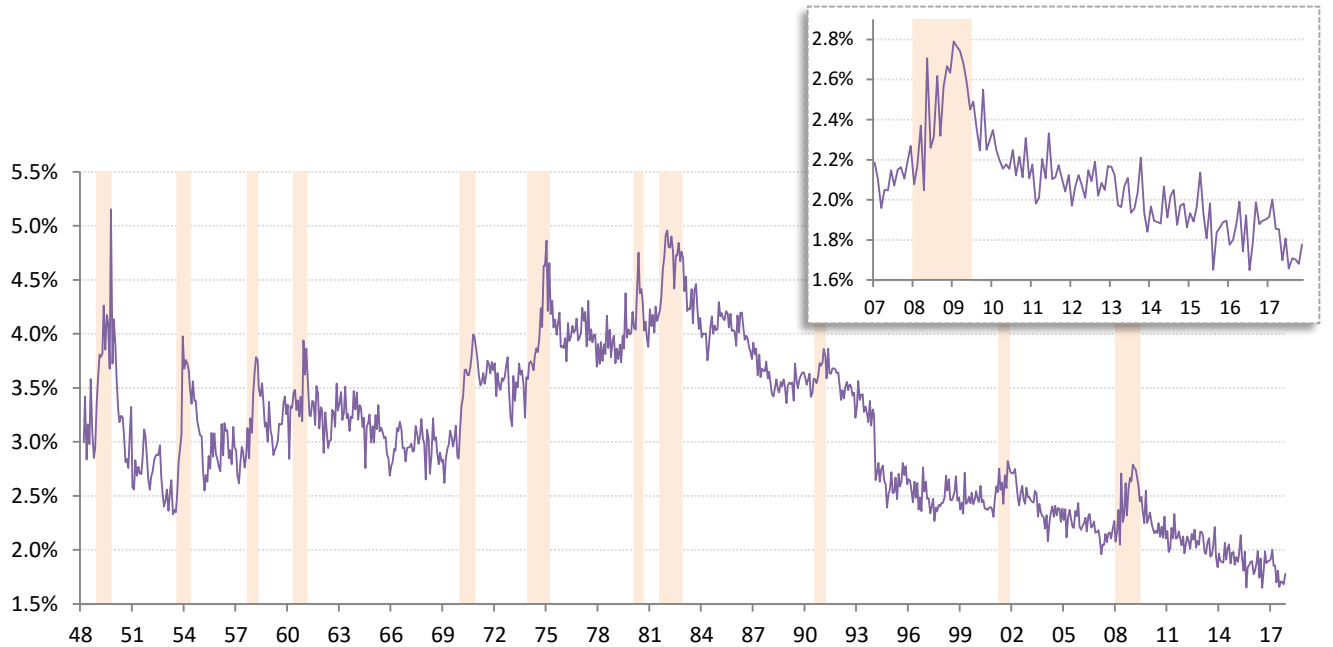
Chance of an unemployed person becoming employed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

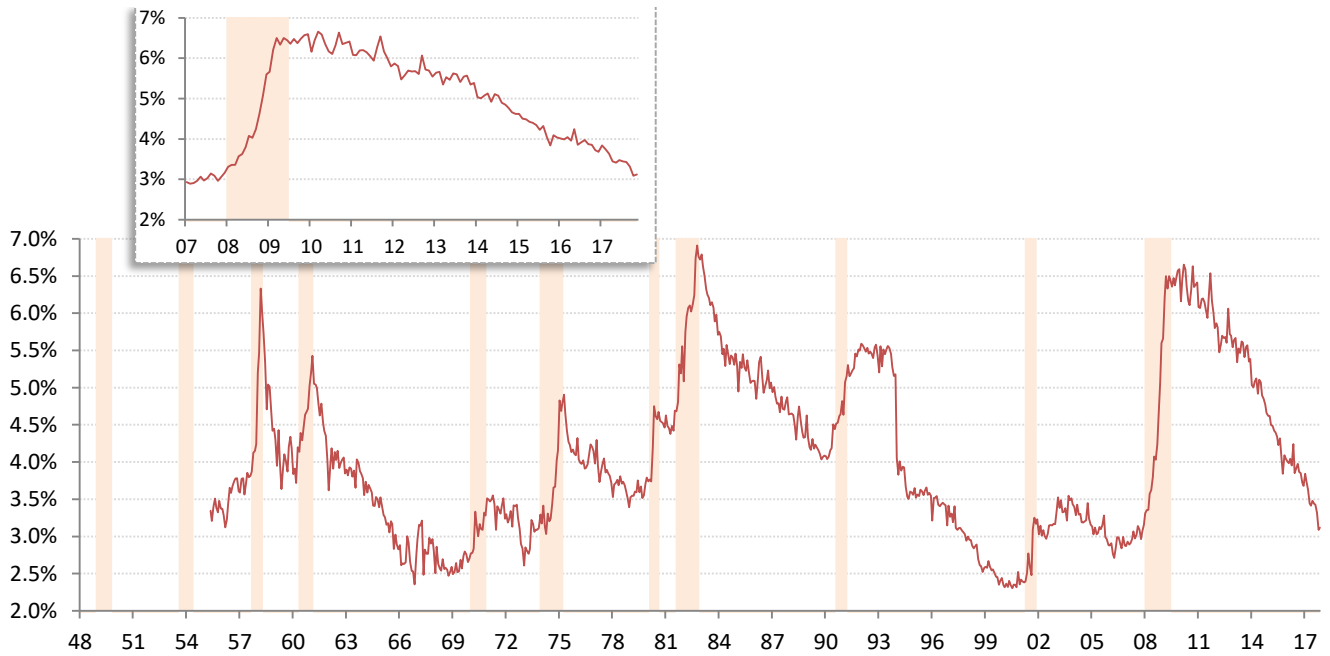
Chance of an employed person becoming unemployed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

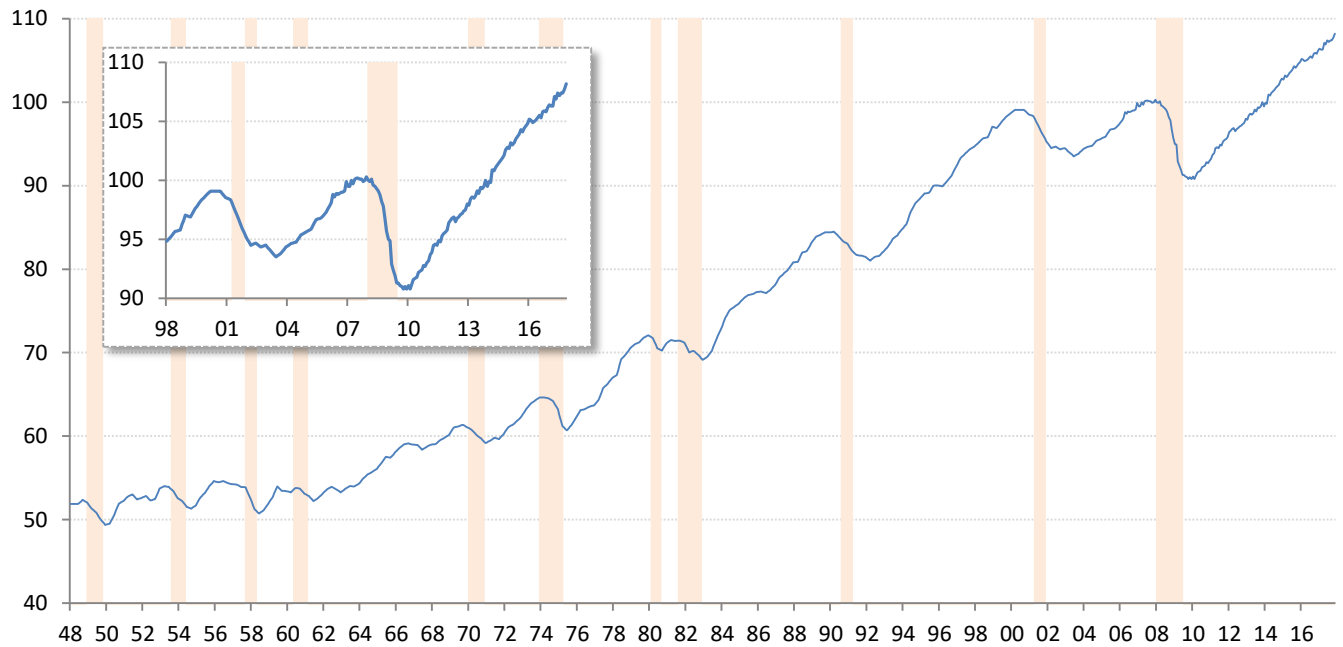
Persons available for full-time work ■ Recession



Source: BLS Current Population Survey, TrendMacro calculations

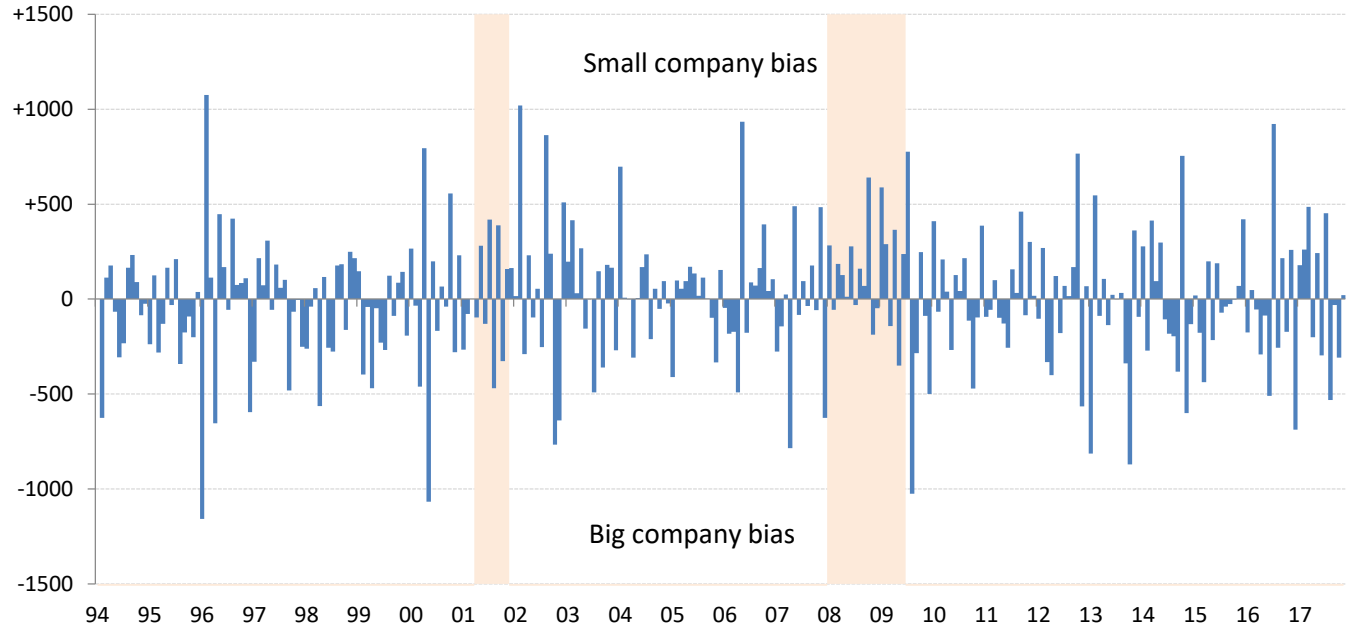
Aggregate weekly private hours-worked index

■ Recession



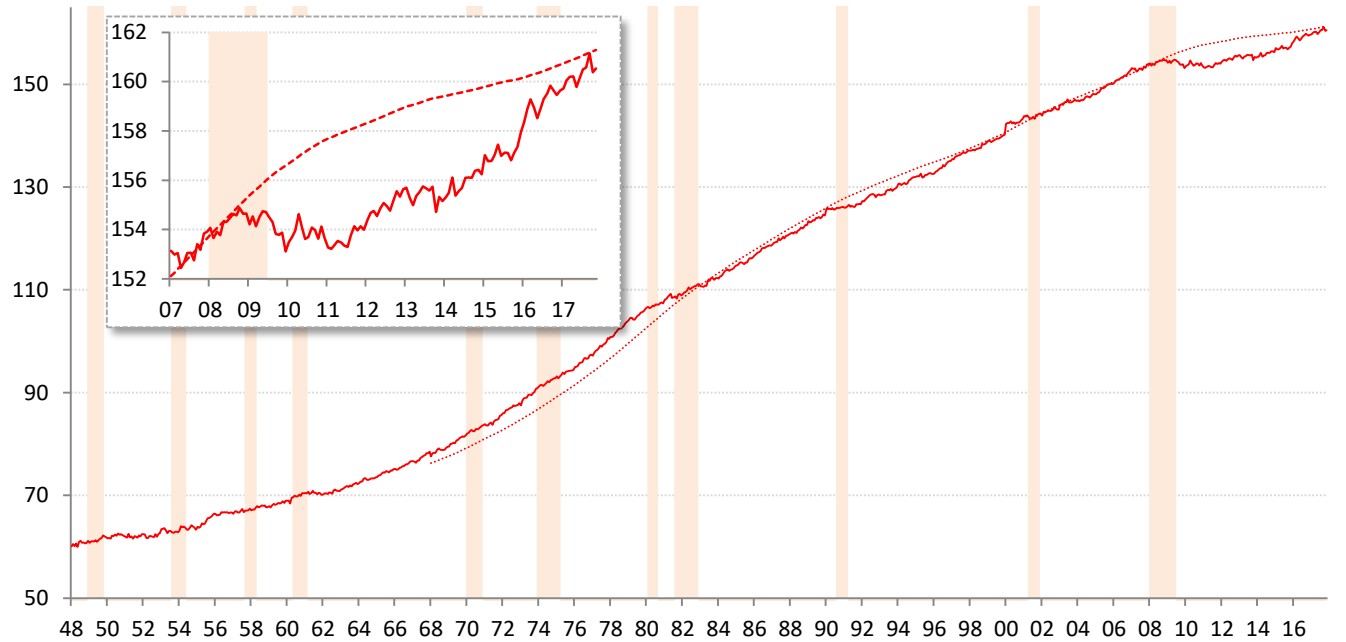
Source: BLS Productivity and Costs (quarterly) and Current Employment Stats (recent monthly), TrendMacro calcs

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



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

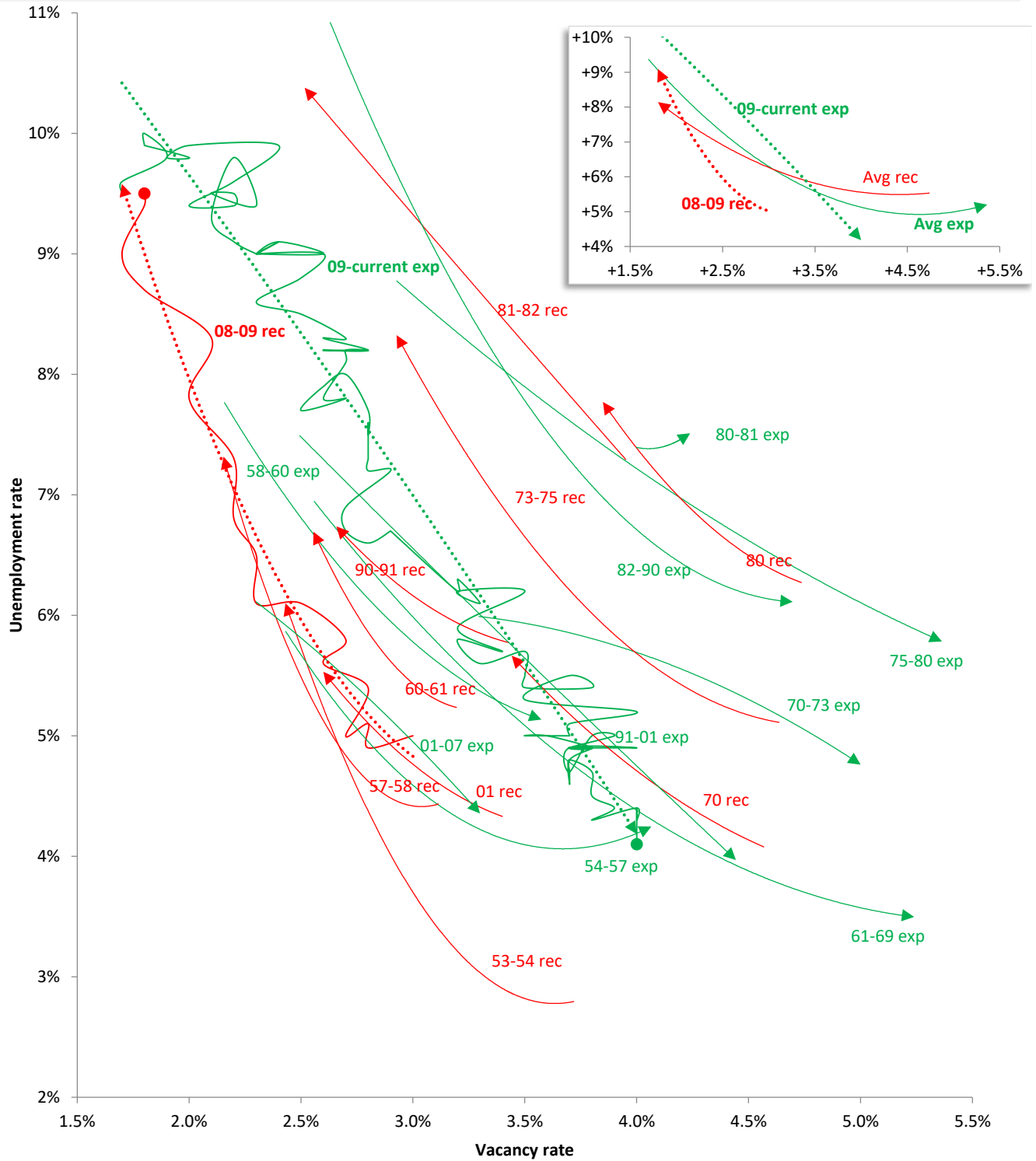
Civilian labor force versus 20-year trend, millions ■ Recession



Source: BLS Current Population Survey, TrendMacro calculations

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