

Data Insights: Jobs

Friday, June 5, 2020

Today's jobs data: what you need to know

Non-farm payrolls	Change May: +2509	Revision Apr: -187	Revision Mar: -482	
Private payrolls	Change May: +3094	Revision Apr: -204	Revision Mar: -493	
Employment	Change May: +3839			
Unemployment	Change May: -2093			
Long-term unemployment	Change May: +260			
Civilian labor force	Change May: +1746	4.96 million below trend	More than all entrants employed	
Unemployment rate	May: 13.26%	Change May: -1.49%		
Underemployment rate	May: 21.2%	Change May: -1.6%		
Participation rate	May: 60.8%	Change May: +0.6%		
UE adjusted for participation	May: 20.1%	Change May: -2.14%		
Average weeks unemployed	May: 9.9	Change May: +3.8		
% longterm unemployed	May: 5.6%	Change May: +1.5%		
Aggregate hours worked index	May: 97.3	Change May: +4.3%	Revision Apr: -0	
Average hourly earnings	May: -0.97%	Change May: -5.67%	Revision Apr: +0.03%	
Aggregate weekly earnings	May: 138.4	Change May: +3.3%	Revision Apr: -0.2	
Monthly job-finding probability	May: 25.9%	Change May: +49.0%		
Monthly separation probability	May: 2.6%	Change May: -8.7%		
% involuntary part-time	May: 7.7%	Change May: -0.4%		
"Household" vs "Payroll" jobs	Change May: -2449			

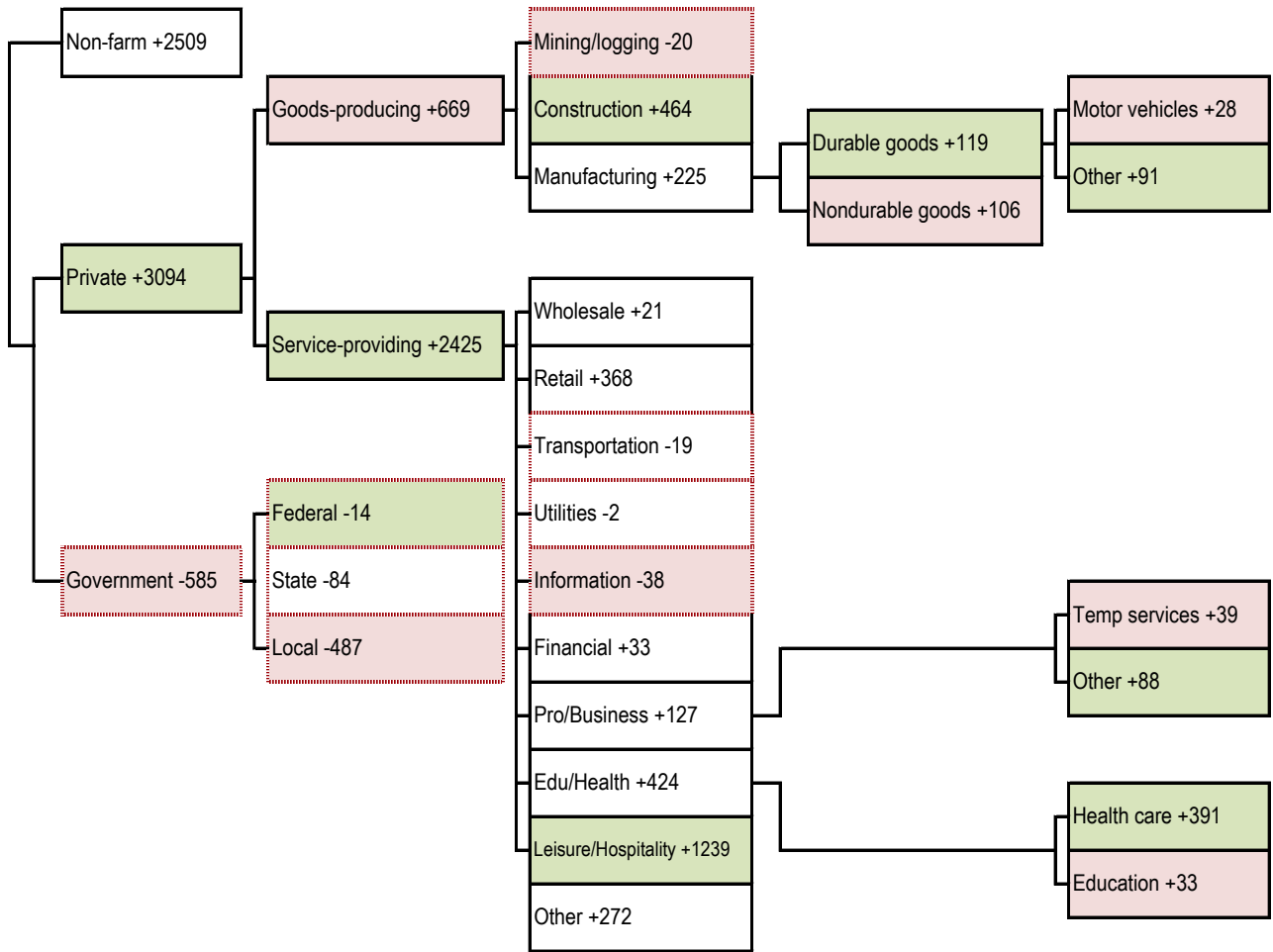
Source: Bureau of Labor Statistics, TrendMacro calculations

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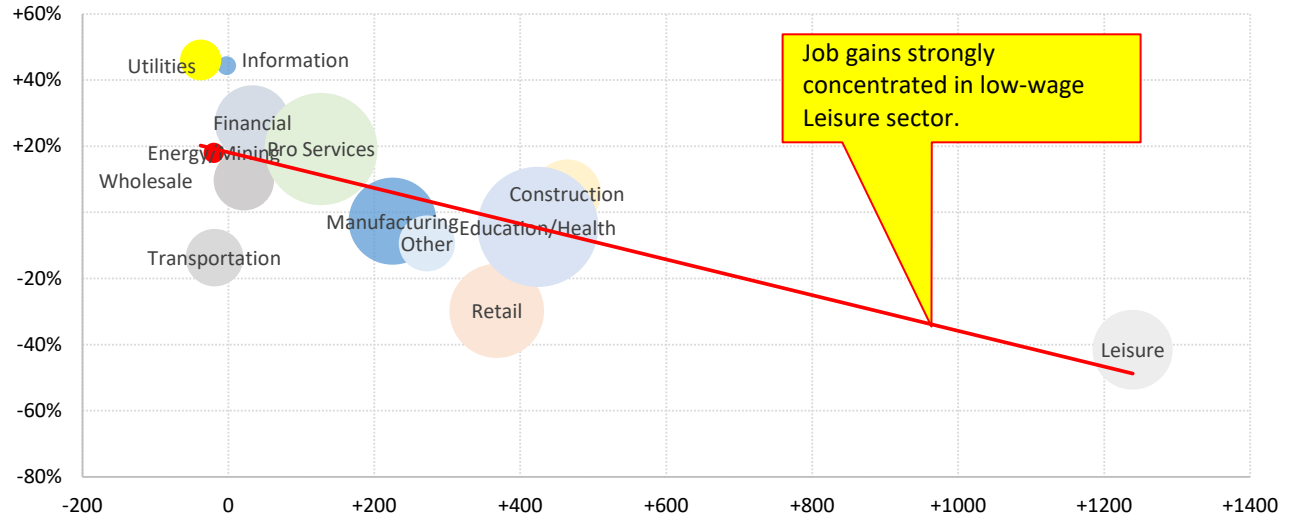
Today's payroll data: what you need to know -- where did the jobs come from?

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



Where is the pay coming from?

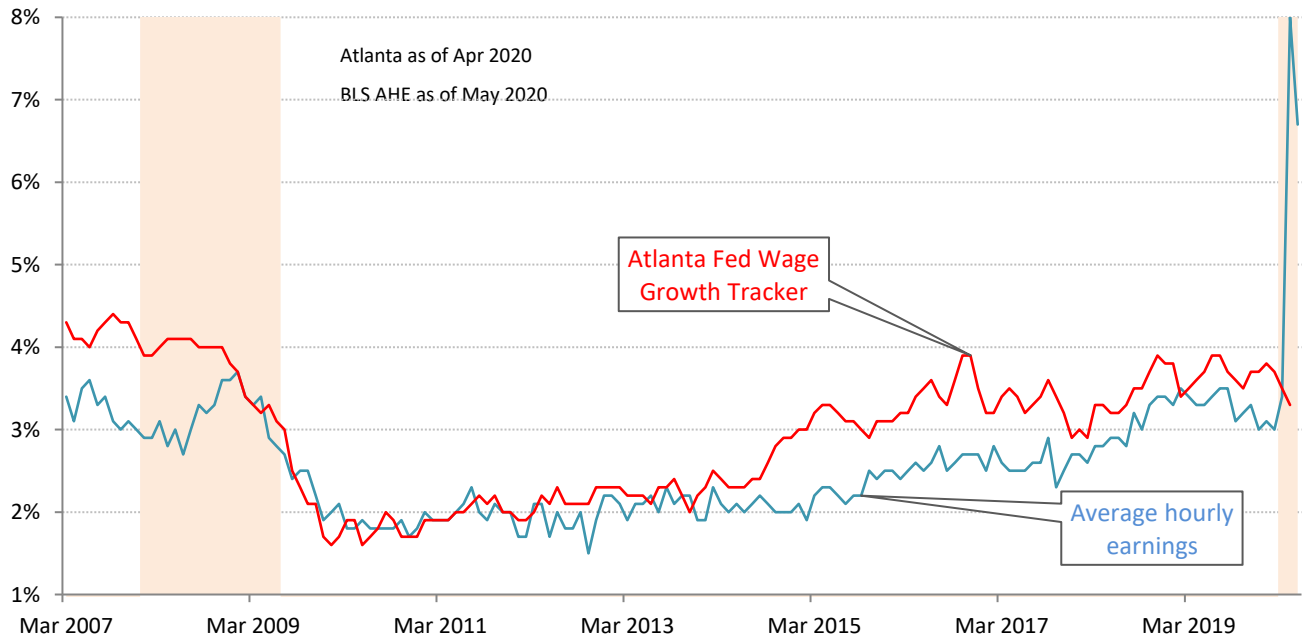
Vertical: Hourly wages vs average Horizontal: Payrolls change this month Circle size: Share of all employment



Source: BLS, TrendMacro calculations

Solving the wage-growth puzzle

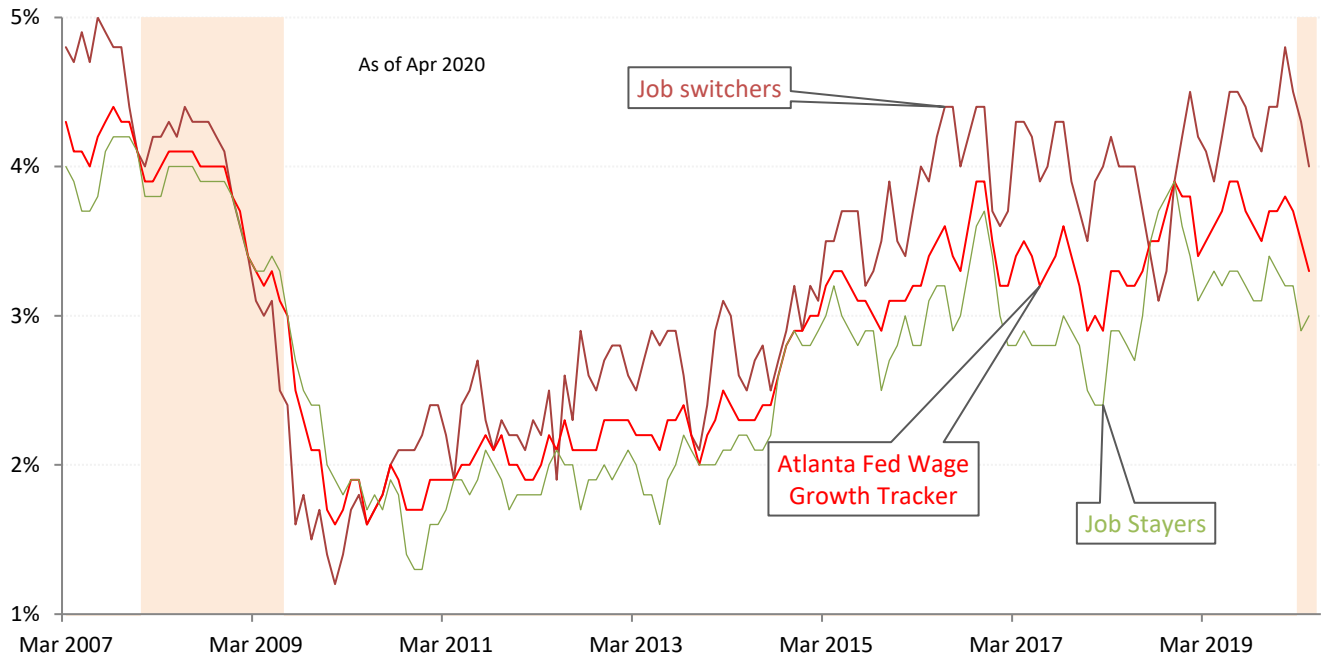
YOY average hourly earnings growth Atlanta Fed Wage Growth Index Recession



Source: BLS Current Employment Statistics, Atlanta Federal Reserve Bank, TrendMacro calculations

The wages of dynamism

YOY wage growth for steady employees, versus those who change jobs Recession

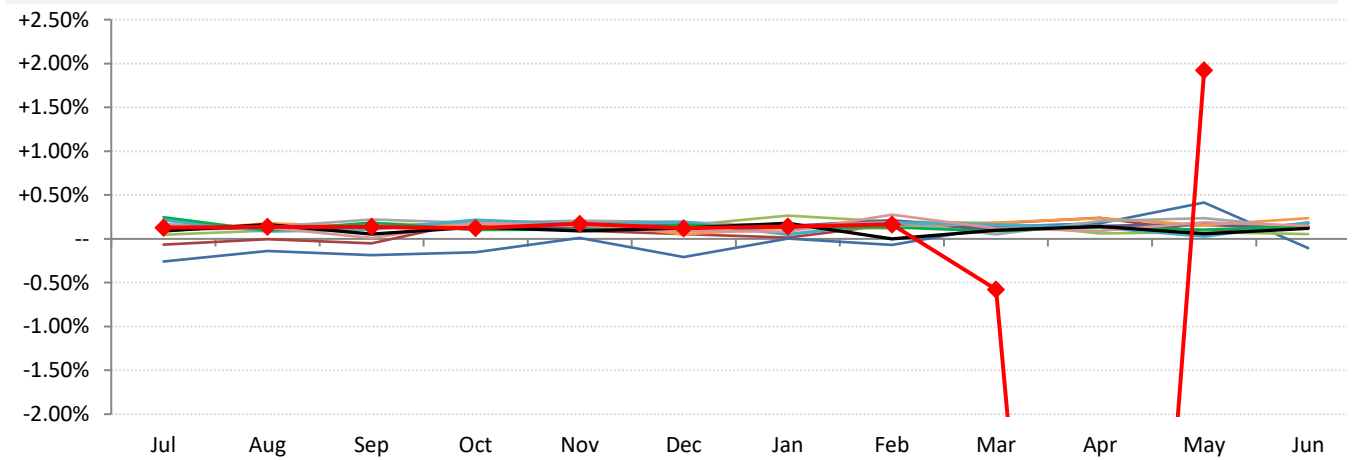


Source: Atlanta Federal Reserve Bank, TrendMacro calculations

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 — 18-19 ◆ 2019-2020

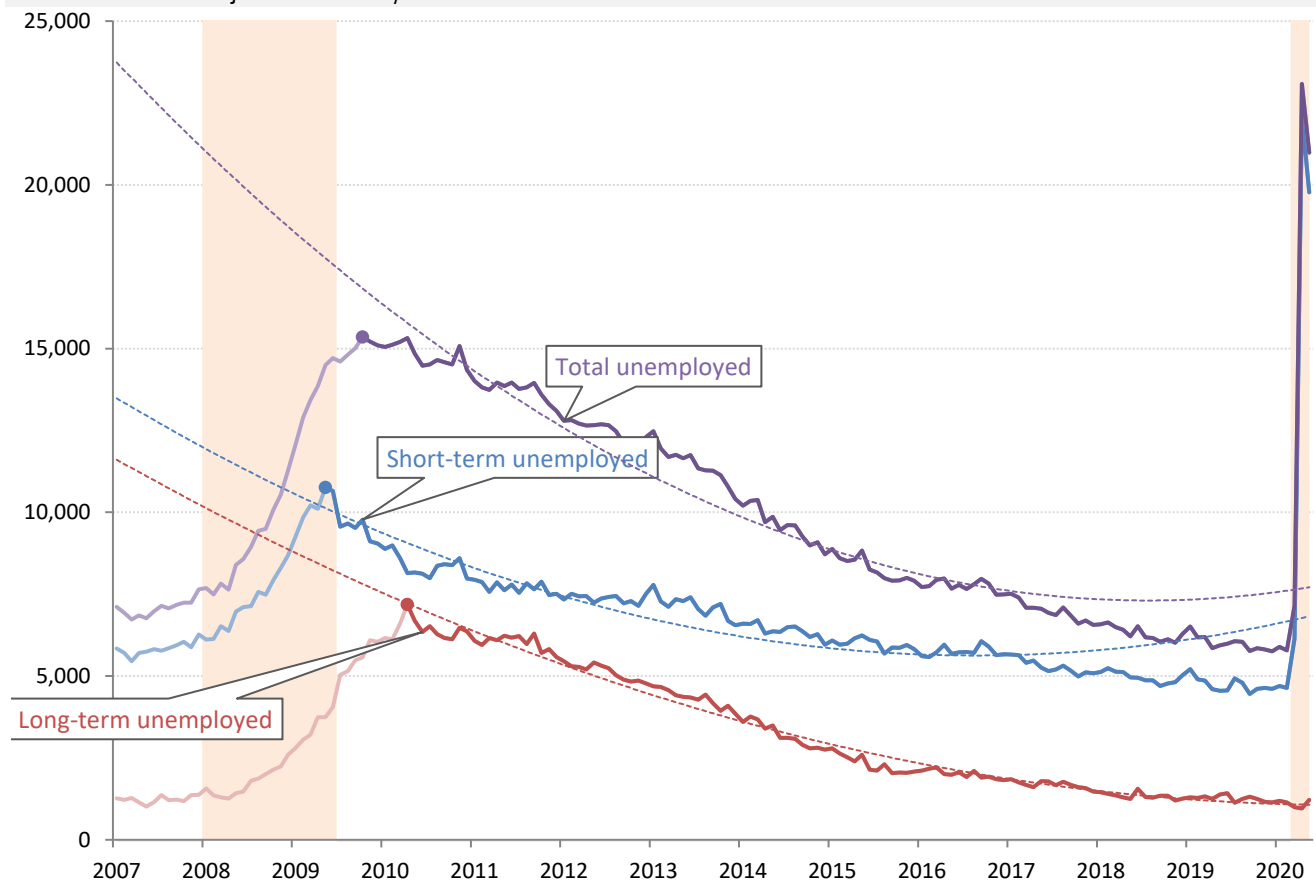


Source: BLS Current Population Survey, TrendMacro calculations

How the ultimate jobless recovery became jobful

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

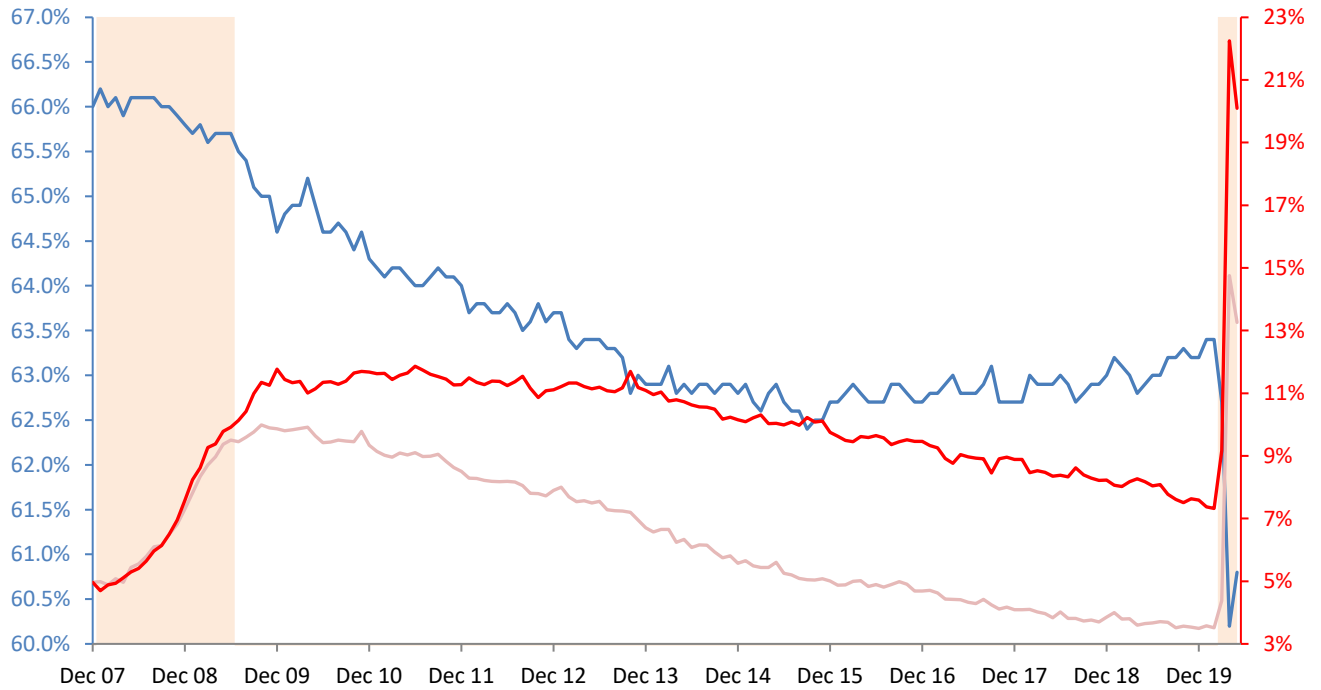
Income inflation adjusted to today's USD



Source: BLS Current Population Survey, TrendMacro calculations

Unemployment rate normalized for participation rate December 2007

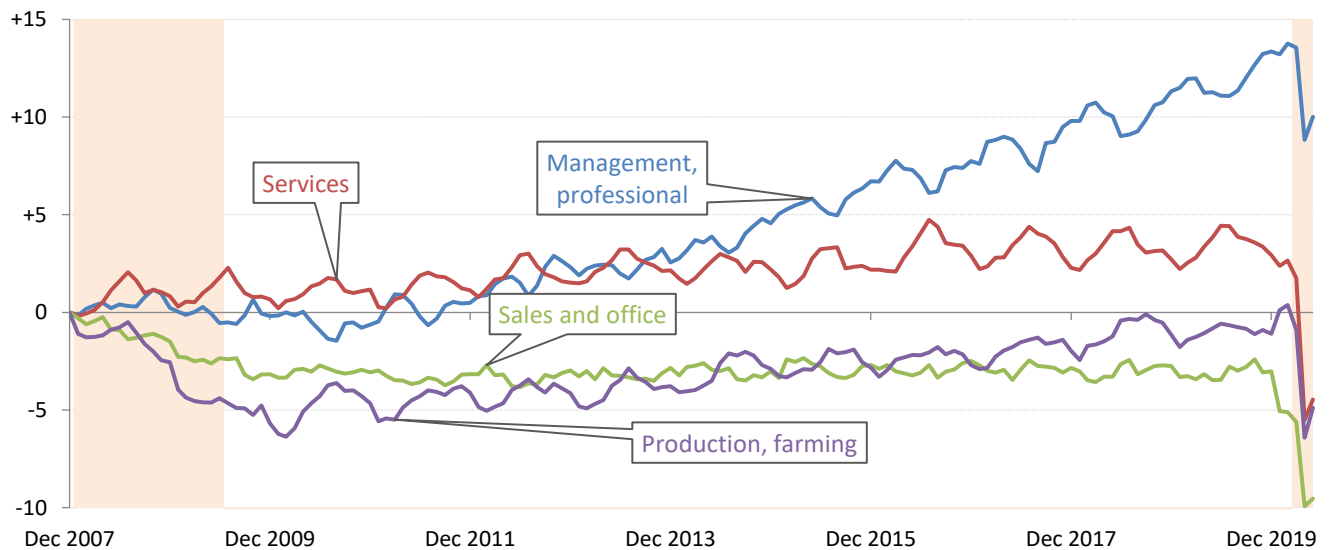
— Participation rate — Headline unemployment rate — Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

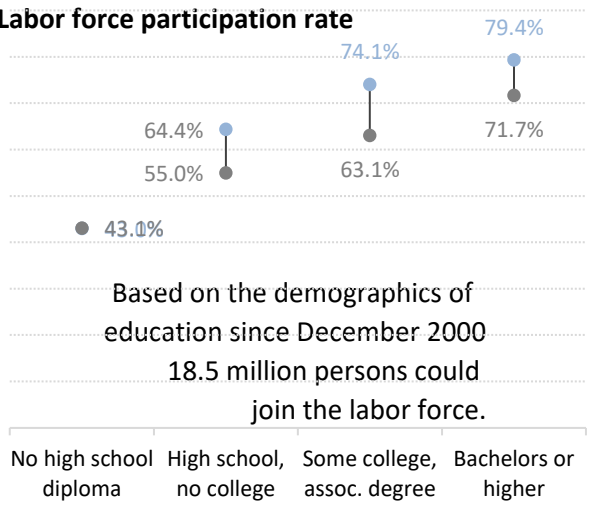
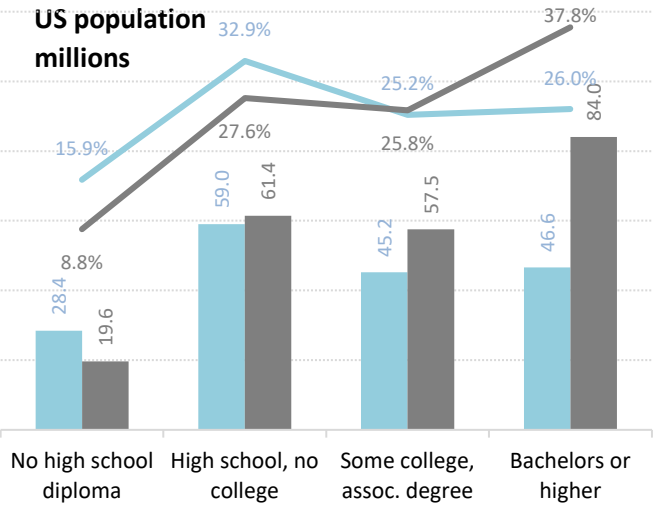
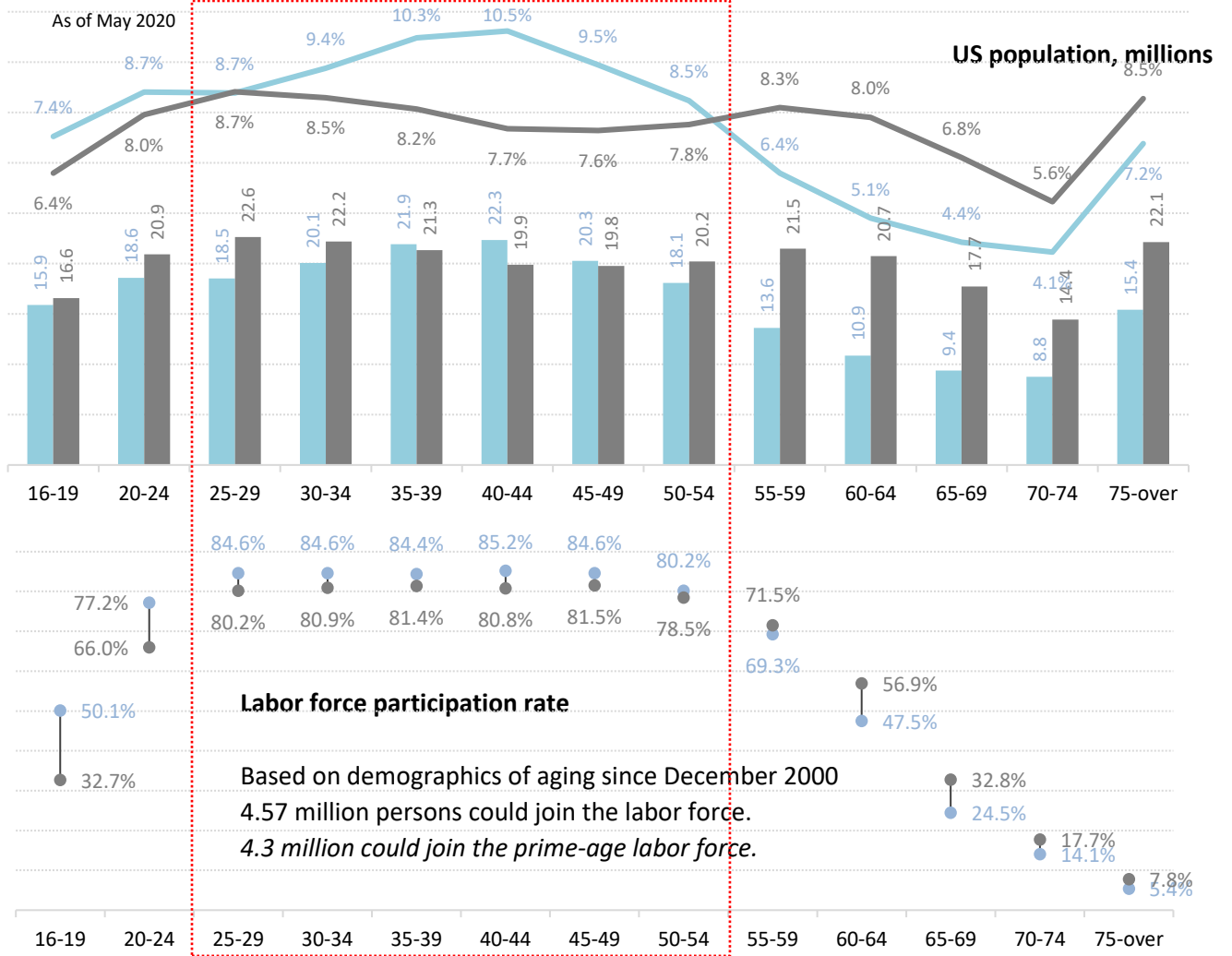
Change in total payrolls from prior business cycle peak, millions



Source: BLS, NBER, TrendMacro calculations

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

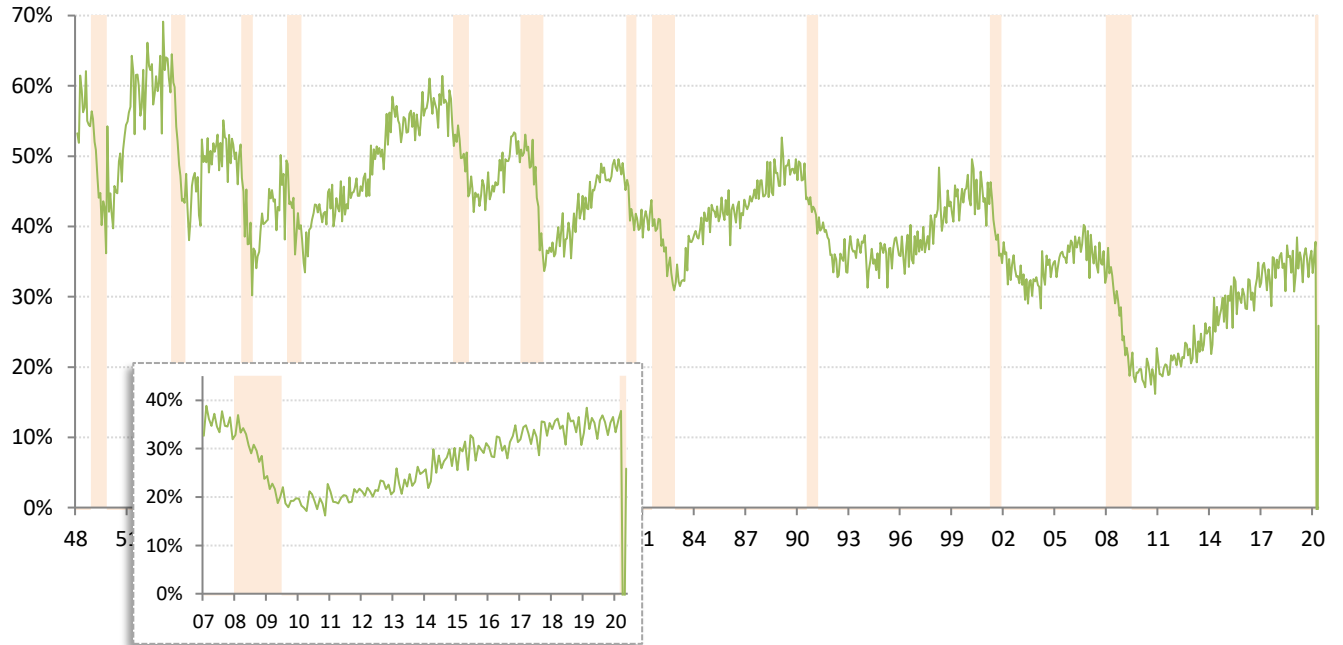
By age and education bracket: ■ Dec 2000, peak in the labor force participation rate ■ Latest □ Prime age



Source: BLS Current Population Survey, TrendMacro calculations

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

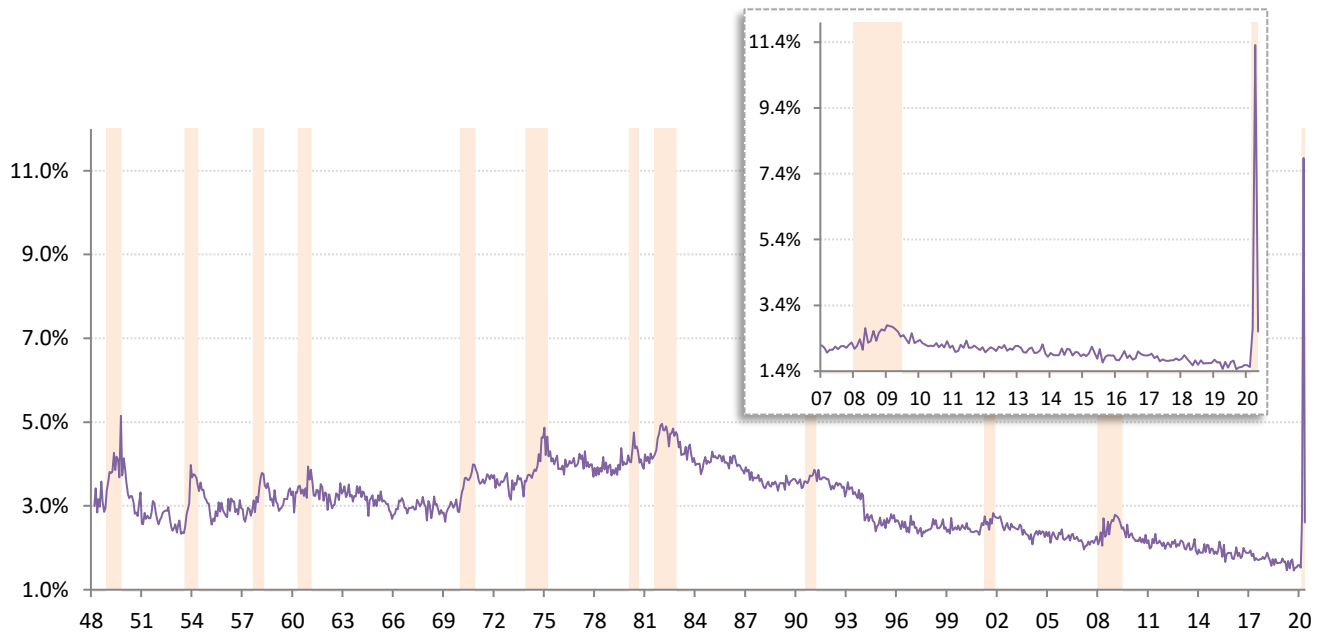
Chance of an unemployed person becoming employed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

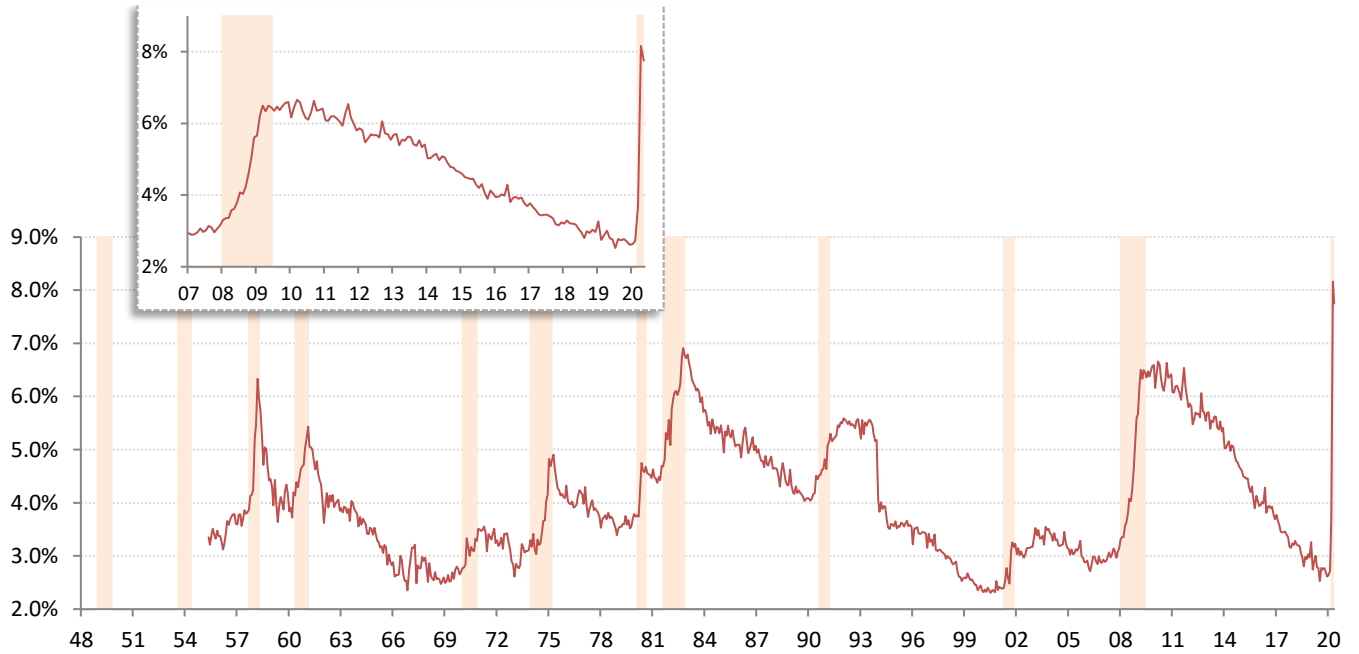
Chance of an employed person becoming unemployed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

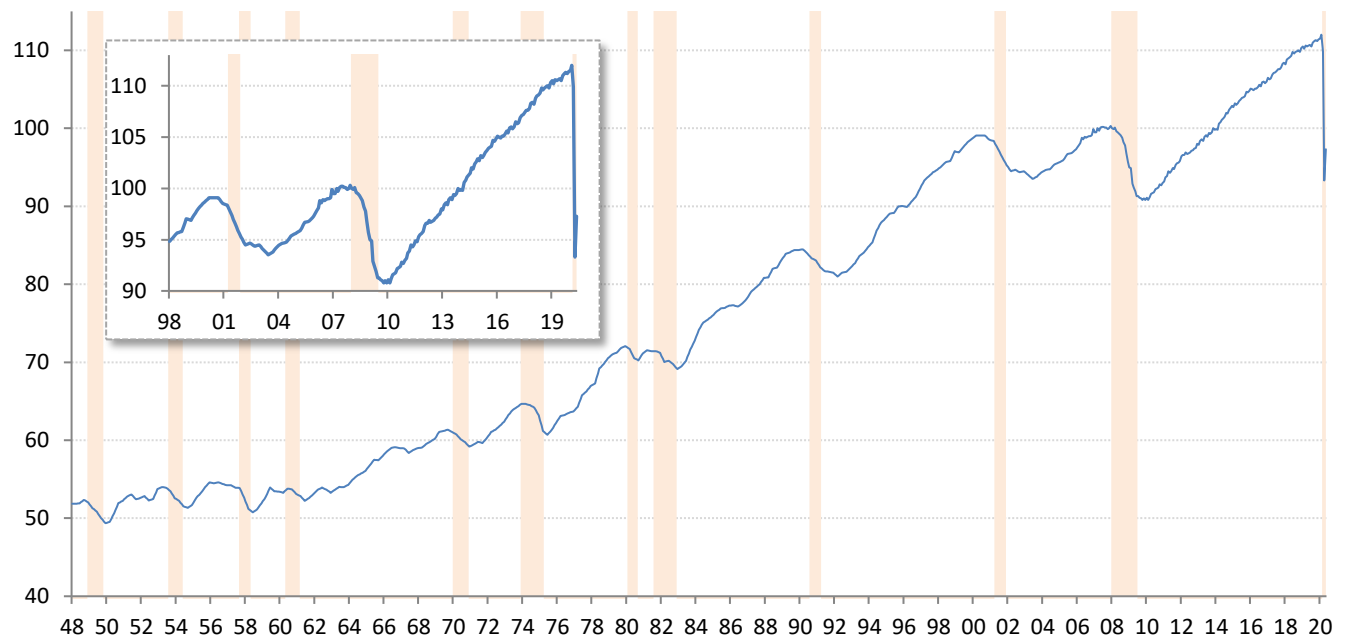
Persons available for full-time work ■ Recession



Source: BLS Current Population Survey, TrendMacro calculations

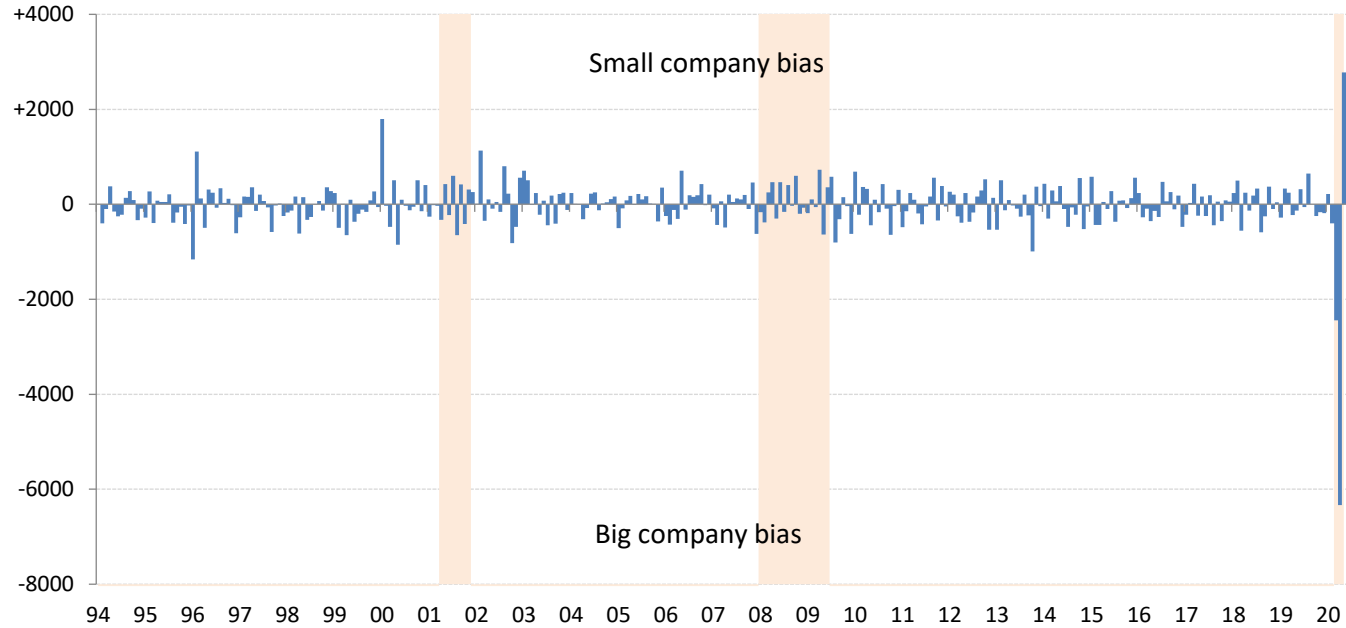
Aggregate weekly private hours-worked index

■ Recession



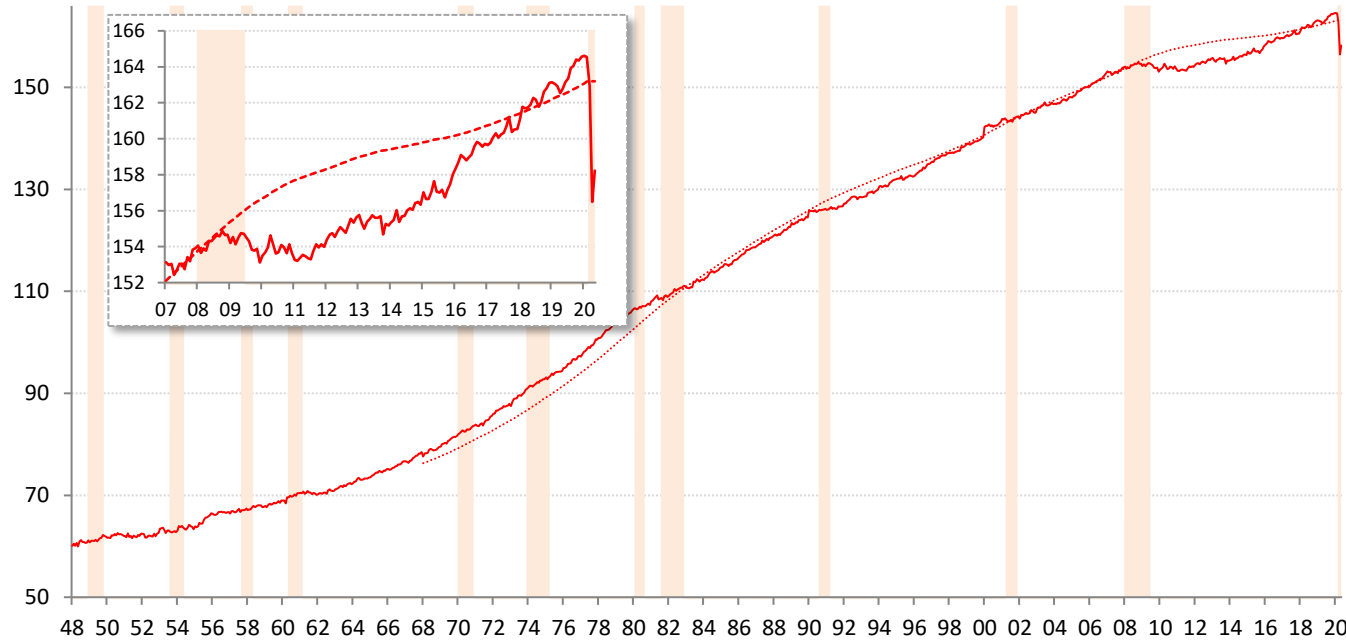
Source: BLS Productivity and Costs (quarterly) and Current Employment Stats (recent monthly), TrendMacro calcs

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



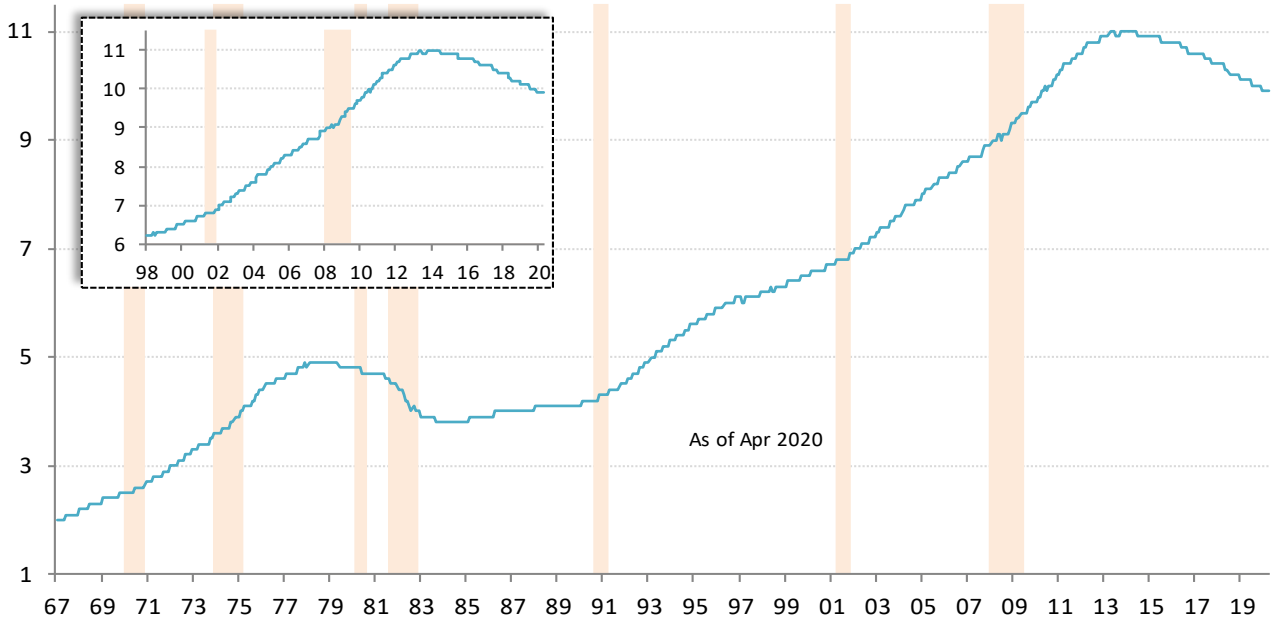
Source: BLS Current Population Survey and Current Employment Statistics, TrendMacro calculations

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

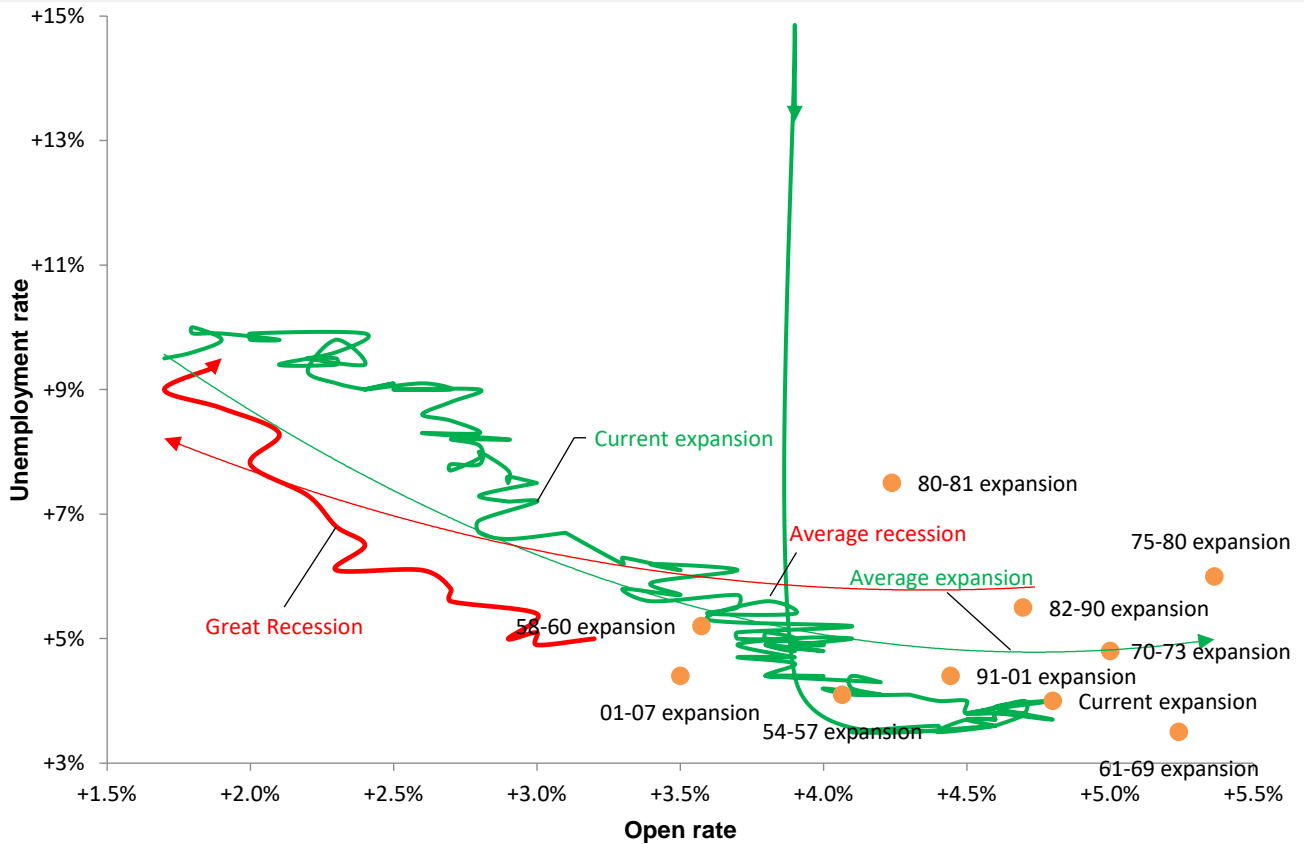


Source: BLS Current Population Survey, TrendMacro calculations

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



Running out of workers? The Beveridge Curve Cycle relationship between unemployment and job openings



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