






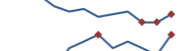










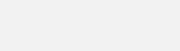


Data Insights: Jobs

Friday, September 2, 2022

Today's jobs data: what you need to know

Non-farm payrolls	Change Aug: +315	Revision Jul: -2	Revision Jun: -105	
Private payrolls	Change Aug: +308	Revision Jul: +6	Revision Jun: -58	
Employment	Change Aug: +442			
Unemployment	Change Aug: +344			
Long-term unemployment	Change Jul: -245			
Civilian labor force	Change Aug: +786	0.70 million above trend	43.8% of entrants unemployed	
Unemployment rate	Aug: 3.65%	Change Aug: +0.19%		
Underemployment rate	Aug: 7.0%	Change Aug: +0.3%		
Participation rate	Aug: 62.4%	Change Aug: +0.3%		
UE adjusted for participation	Aug: 8.9%	Change Aug: -0.26%		
Average weeks unemployed	Aug: 22.3	Change Aug: +0.2		
% longterm unemployed	Aug: 18.8%	Change Aug: -0.1%		
Aggregate hours worked index	Aug: 113.0	Change Aug: -0.1%	Revision Jul: +0	
Average hourly earnings	Aug: +0.31%	Change Aug: -0.16%	Revision Jul: +0.12%	
Aggregate weekly earnings	Aug: 174.9	Change Aug: +0.3%	Revision Jul: +0.4	
Monthly job-finding probability	Aug: 33.1%	Change Aug: -6.1%		
Monthly separation probability	Aug: 1.7%	Change Aug: +0.1%		
% involuntary part-time	Aug: 2.6%	Change Aug: +0.1%		
"Household" vs "Payroll" jobs	Change Aug: +284			

Source: Bureau of Labor Statistics, TrendMacro calculations

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Today's jobs data: a deeper dive

Non-farm payrolls SA	Change Aug: +315	Revision Apr: -2	Revision Mar: -105	
Non-farm payrolls NSA	Change Aug: +309	Revision Apr: +41	Revision Mar: -27	
Birth-death adjustment	Change Aug: +109			
Employment	Change Aug: +442			
Unemployment rate	Aug: 3.65%	Change Aug: +0.19%		
White employment	Change Aug: +307			
White unemployment rate	Aug: 3.2%	Change Aug: 0.1%		
Black employment	Change Aug: -131			
Black unemployment rate	Aug: 6.4%	Change Aug: 0.4%		
Hispanic employment	Change Aug: +369			
Hispanic unemployment rate	Aug: 4.5%	Change Aug: 0.6%		
Asian employment	Change Aug: +97			
Asian unemployment rate	Aug: 2.8%	Change Aug: 0.2%		
HS only employment	Change Aug: +464			
HS only unemployment rate	Aug: 4.3%	Change Aug: 0.7%		
Men employment	Change Aug: +154			
Men unemployment rate	Aug: 3.8%	Change Aug: 0.3%		
Women employment	Change Aug: +288			
Women unemployment rate	Aug: 3.5%	Change Aug: 0.1%		

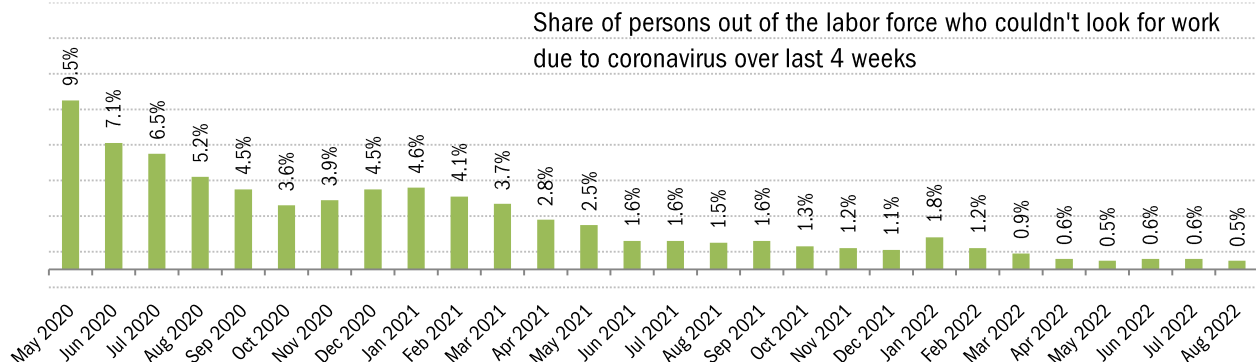
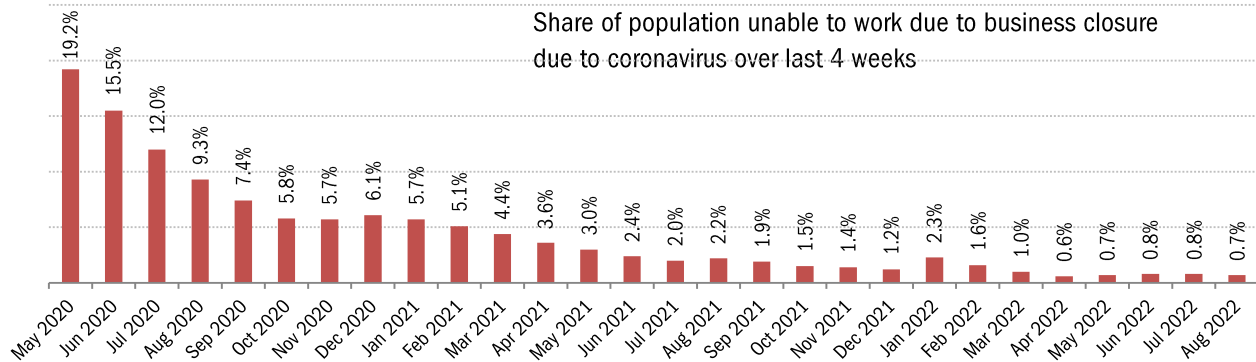
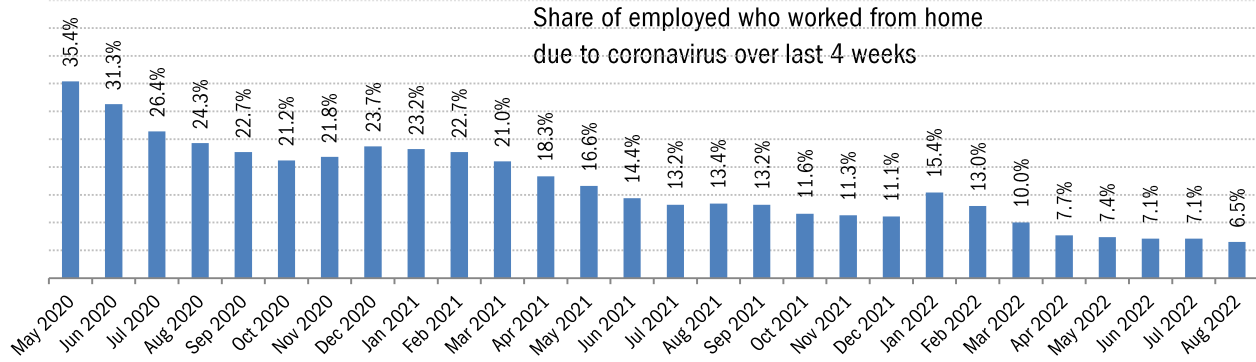
Source: Bureau of Labor Statistics, TrendMacro calculations

TrendMacro Payroll Model based on contemporaneous labor market statistics

ADP Payrolls	ISM Manu Employ Index	ISM Services Employ Index	Change continuing claims	Initial claims	Challenger Layoffs	NFIB Hiring Plans	NFIB Employ
+132	54.2	49.1	+58	248	20,485	21	-4
Model estimate	Actual	Actual beat(+) or miss (-)					
+112	+315	+203					

Source: ADP, ISM, DOL, Challenger, NFIB, BLS, TrendMacro calculations

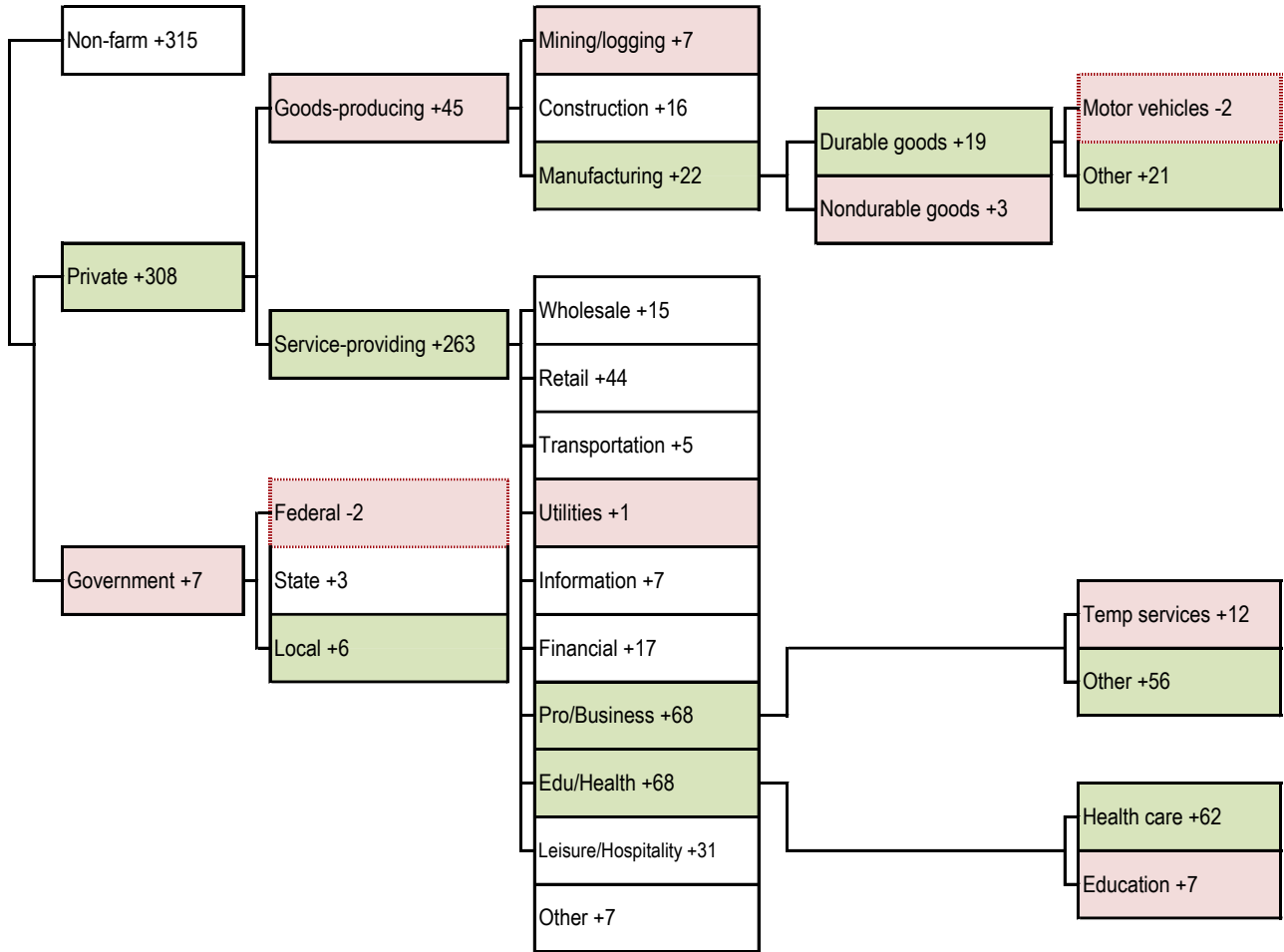
Labor market adaptation to pandemic conditions



Source: [BLS](#) TrendMacro calculations

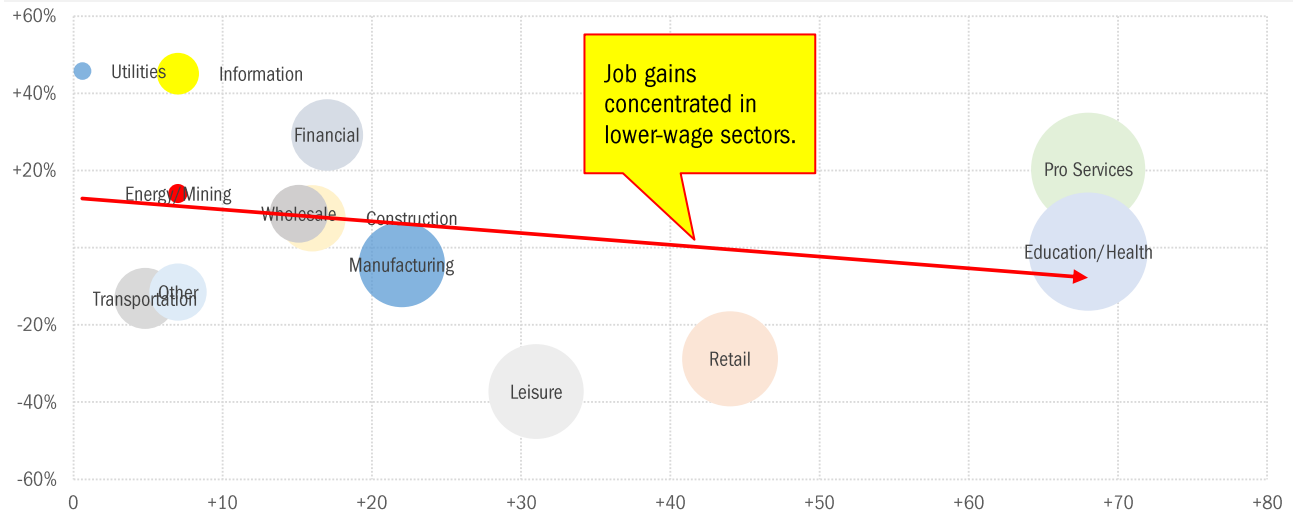
Today's payroll data: what you need to know -- where did the jobs come from?

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



Where is the pay coming from?

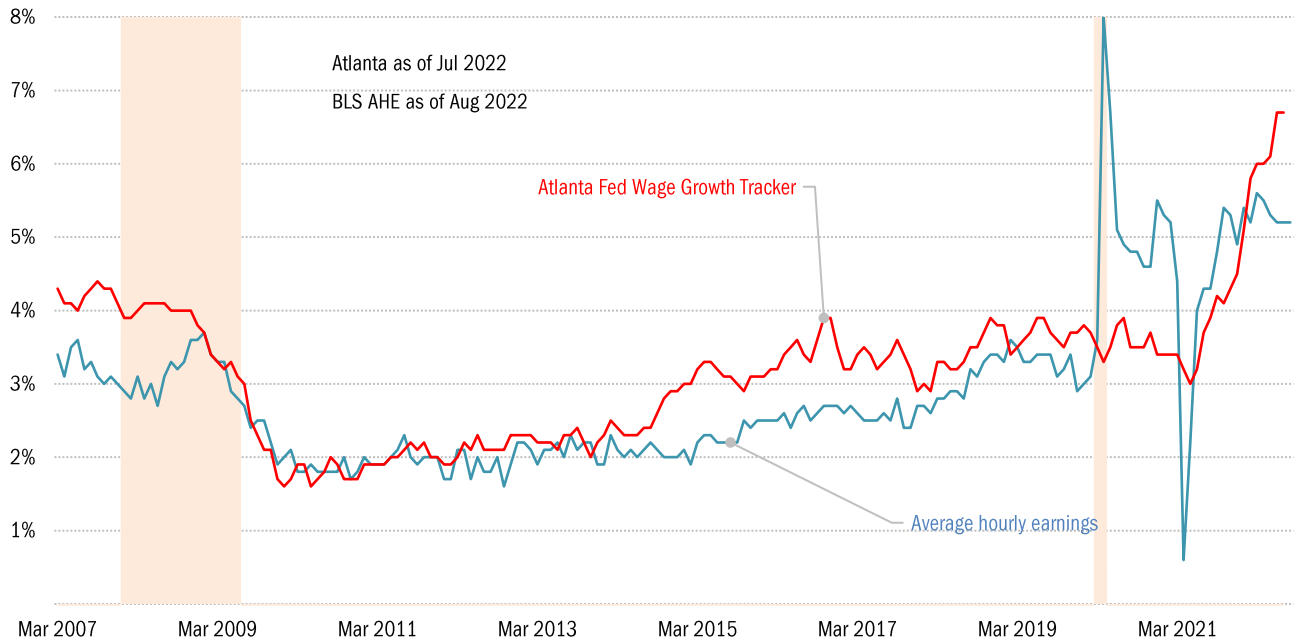
Vertical: Hourly wages vs average Horizontal: Payrolls change this month Circle size: Share of all employment



Source: BLS, TrendMacro calculations

Solving the wage-growth puzzle

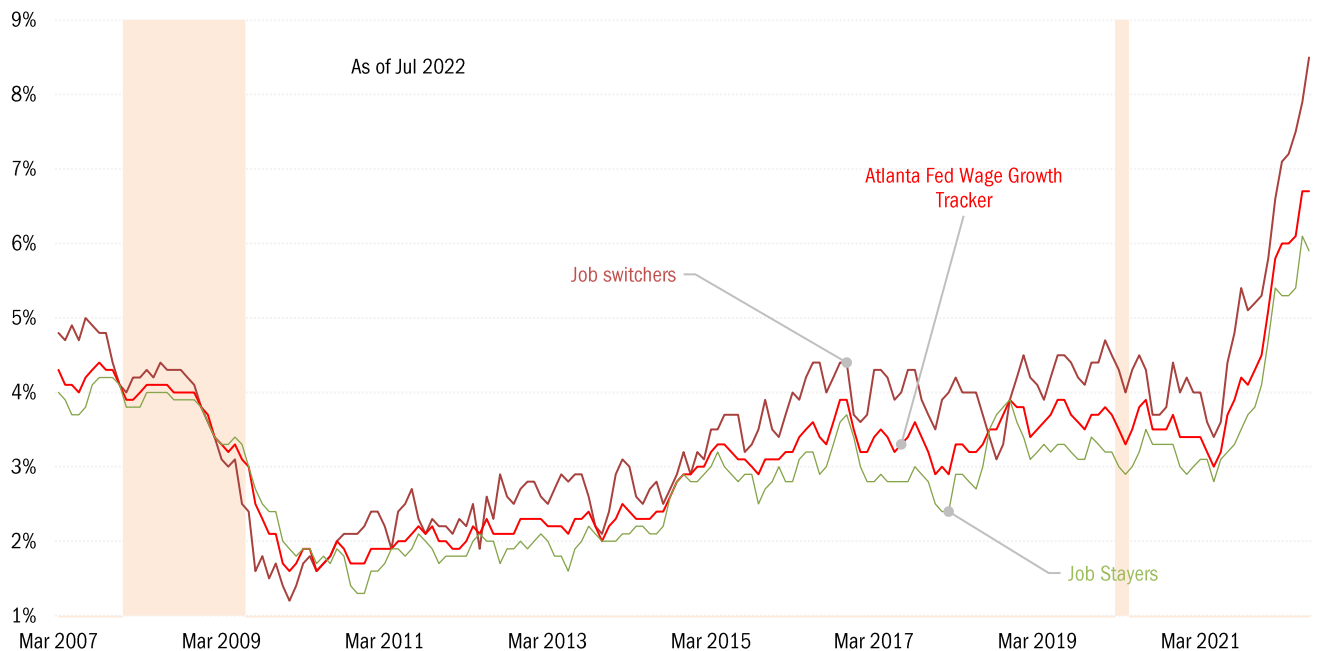
YOY average hourly earnings growth Atlanta Fed Wage Growth Index ■ Recession



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

The wages of dynamism

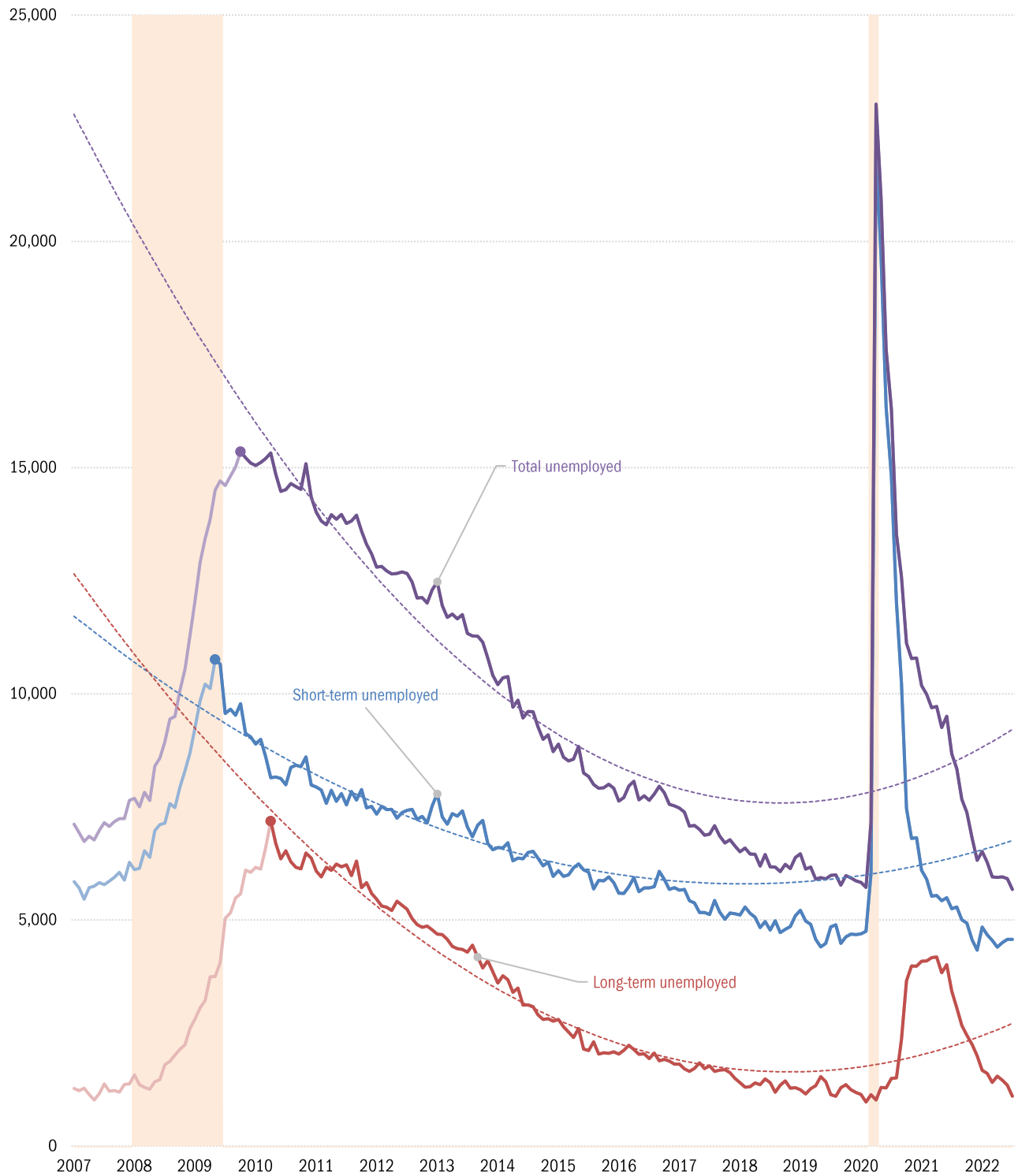
YOY wage growth for steady employees, versus those who change jobs ■ Recession



Source: Atlanta Federal Reserve Bank, TrendMacro calculations

The Great Recession, the jobless recovery, the long boom, and then the virus

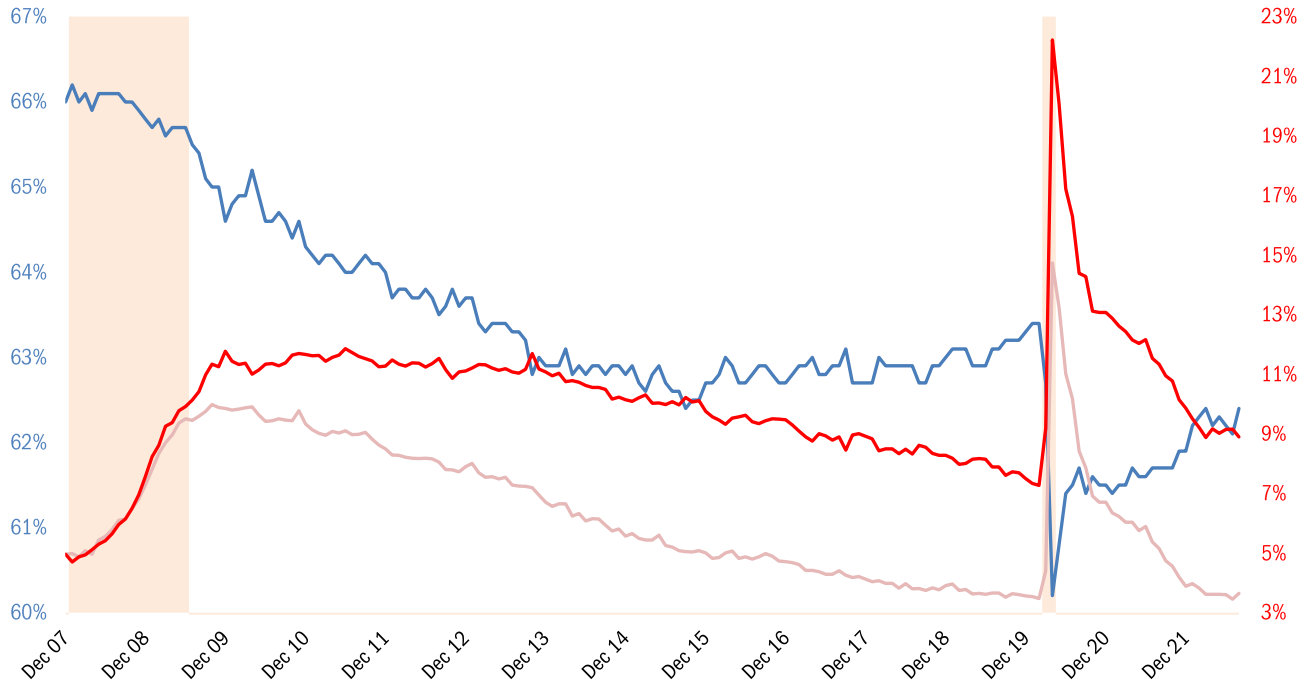
Unemployment: thousands Short-term = <27 weeks Long-term = >27 weeks



Source: BLS Current Population Survey, TrendMacro calculations

Unemployment rate normalized for participation rate December 2007

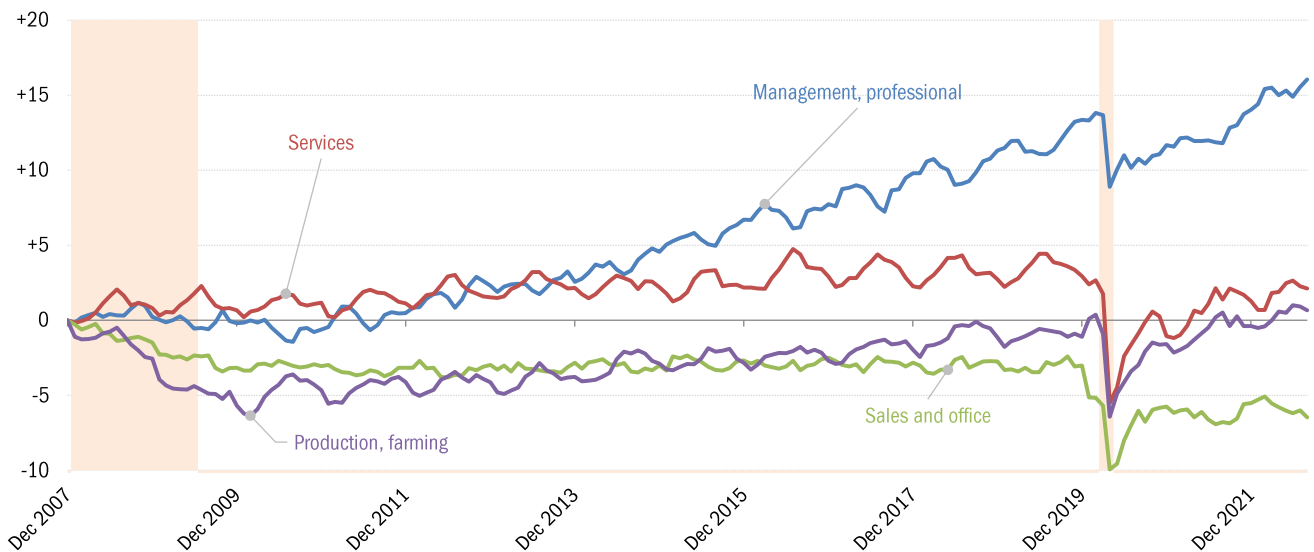
— Participation rate — Headline unemployment rate — Recession



Source: BLS Current Population Survey, TrendMacro calculations

Winner and losers in the long boom and the virus crisis

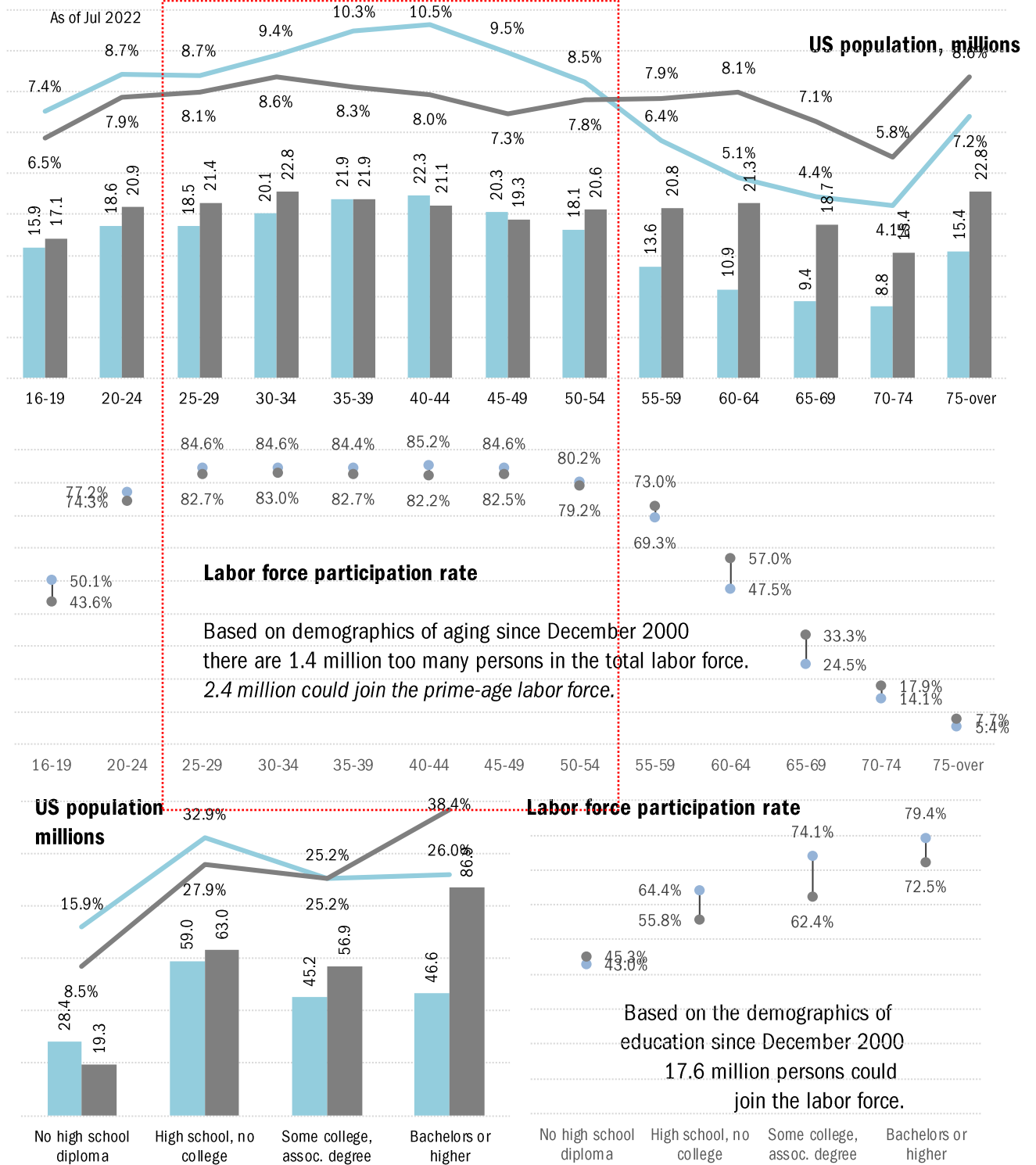
Change in total payrolls from prior business cycle peak, millions



Source: BLS, NBER, TrendMacro calculations

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

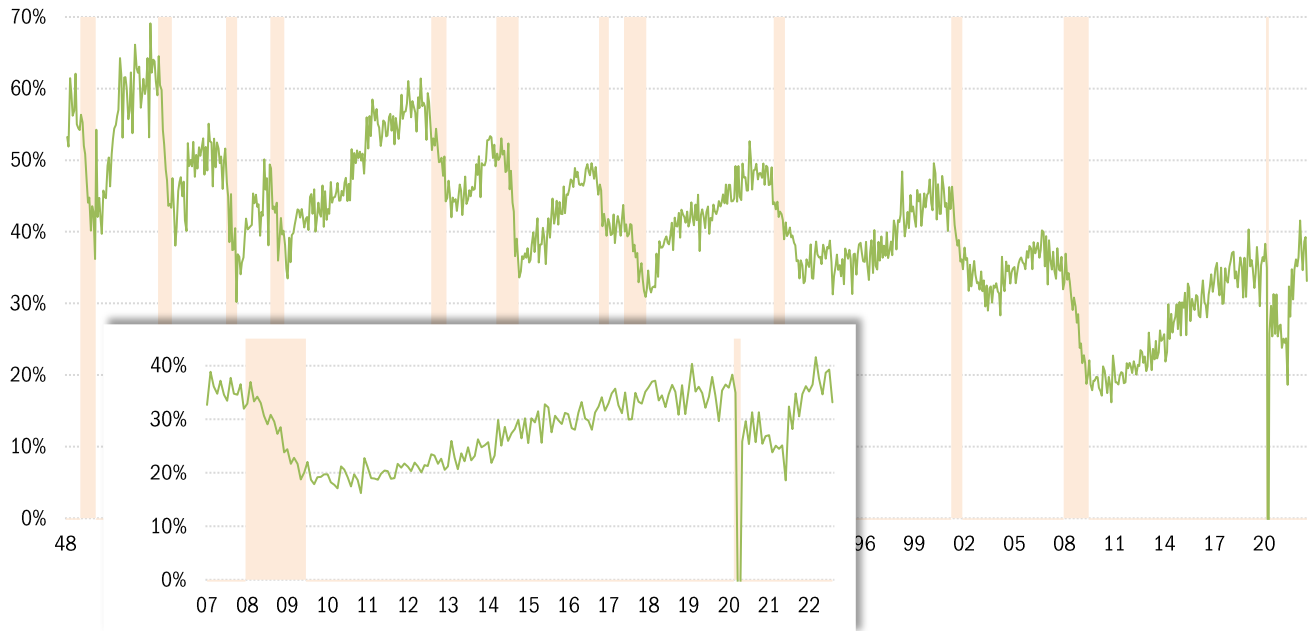
By age and education bracket: ■ Dec 2000, peak in the labor force participation rate ■ Latest □ Prime age



Source: BLS Current Population Survey, TrendMacro calculations

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

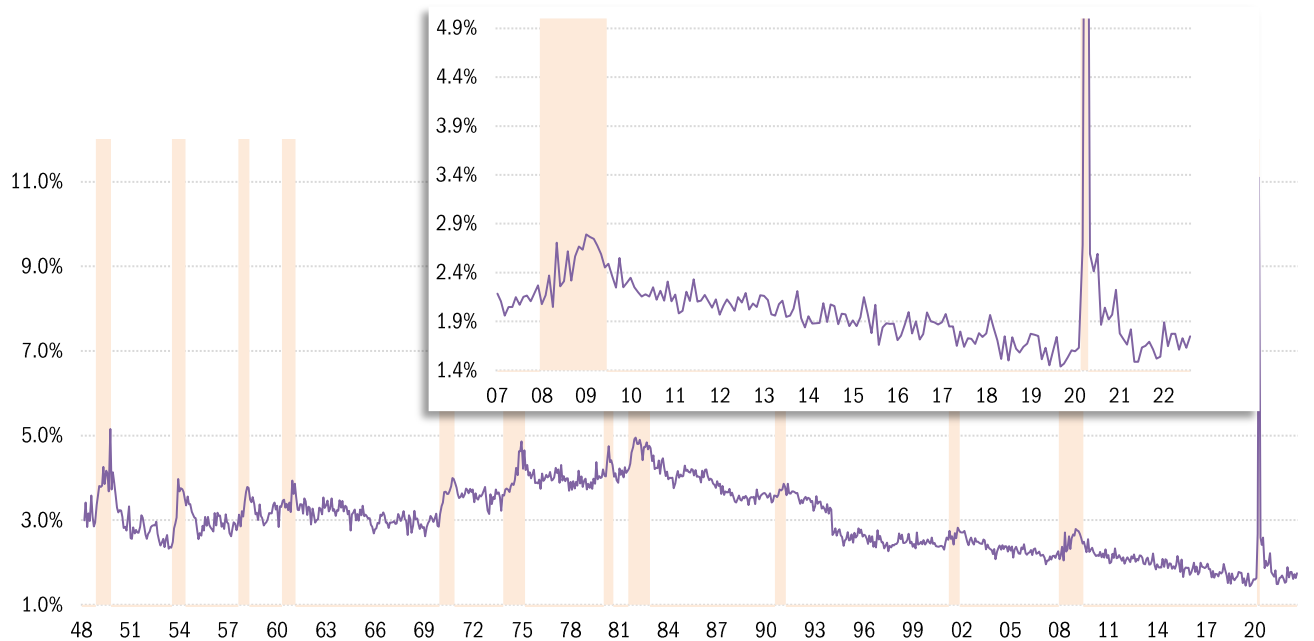
Chance of an unemployed person becoming employed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

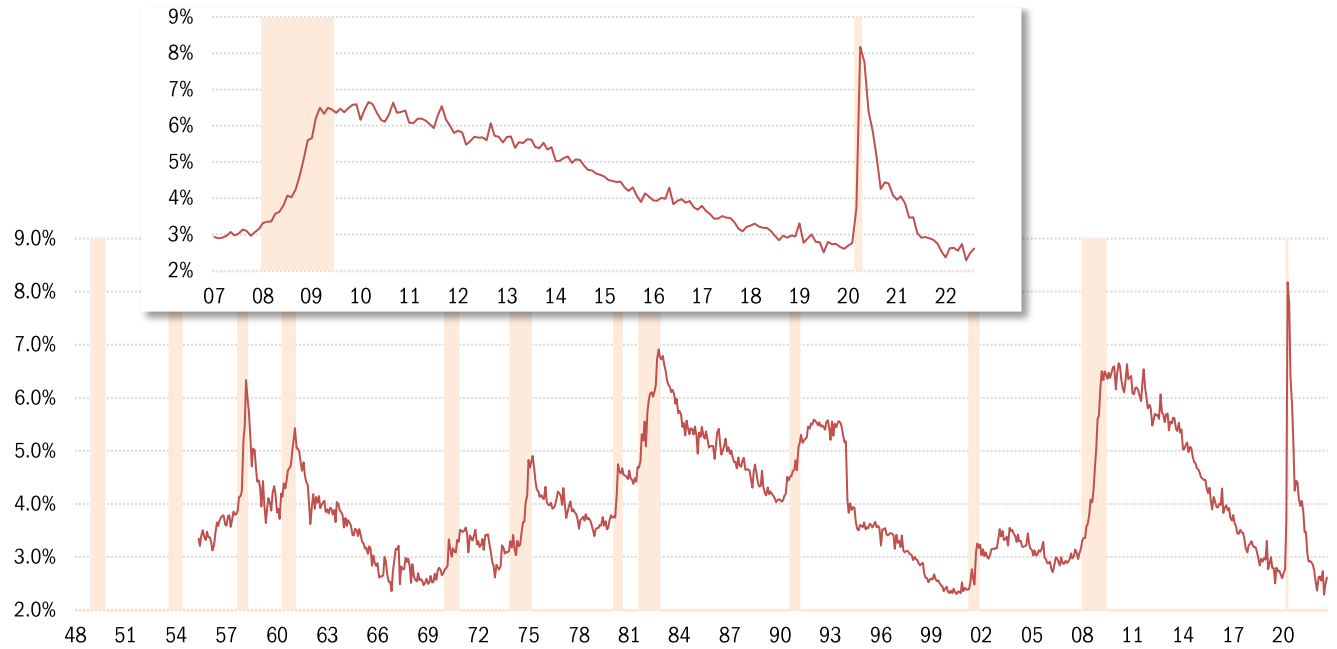
Chance of an employed person becoming unemployed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

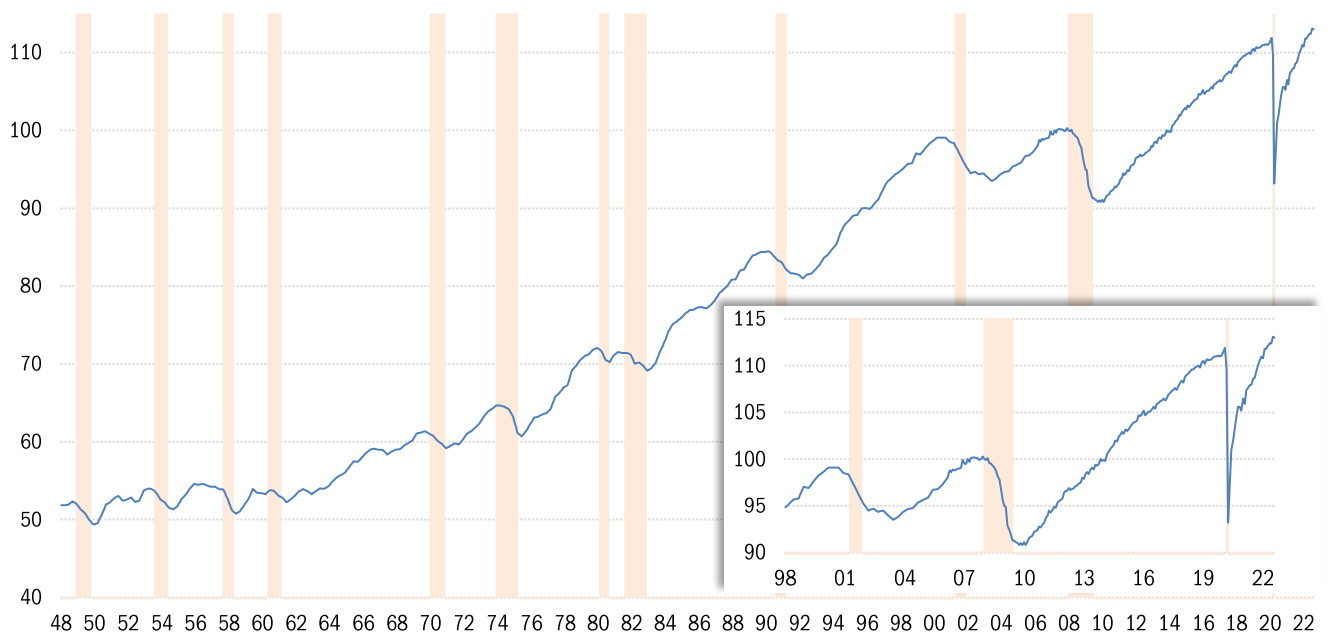
Involuntary part-time workers as percentage of the employed labor force

Persons available for full-time work ■ Recession



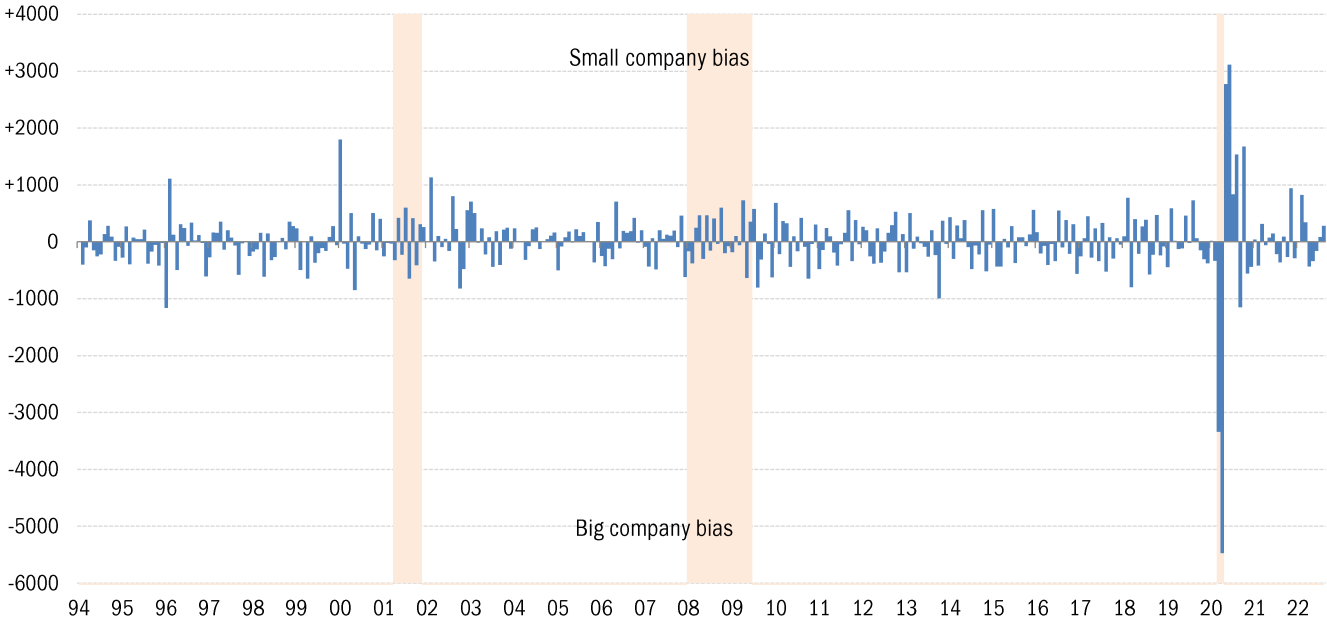
Source: BLS Current Population Survey, TrendMacro calculations

Aggregate weekly private hours-worked index ■ Recession



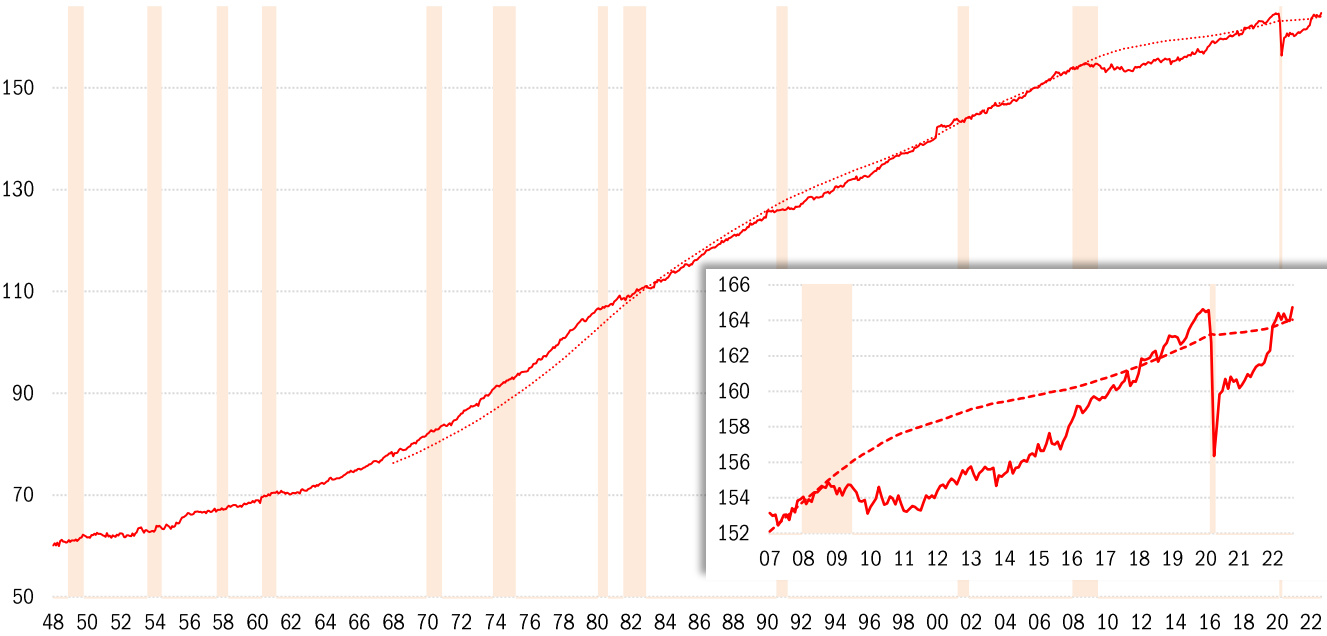
Source: BLS Productivity and Costs (quarterly) and Current Employment Stats (recent monthly), TrendMacro calcs

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



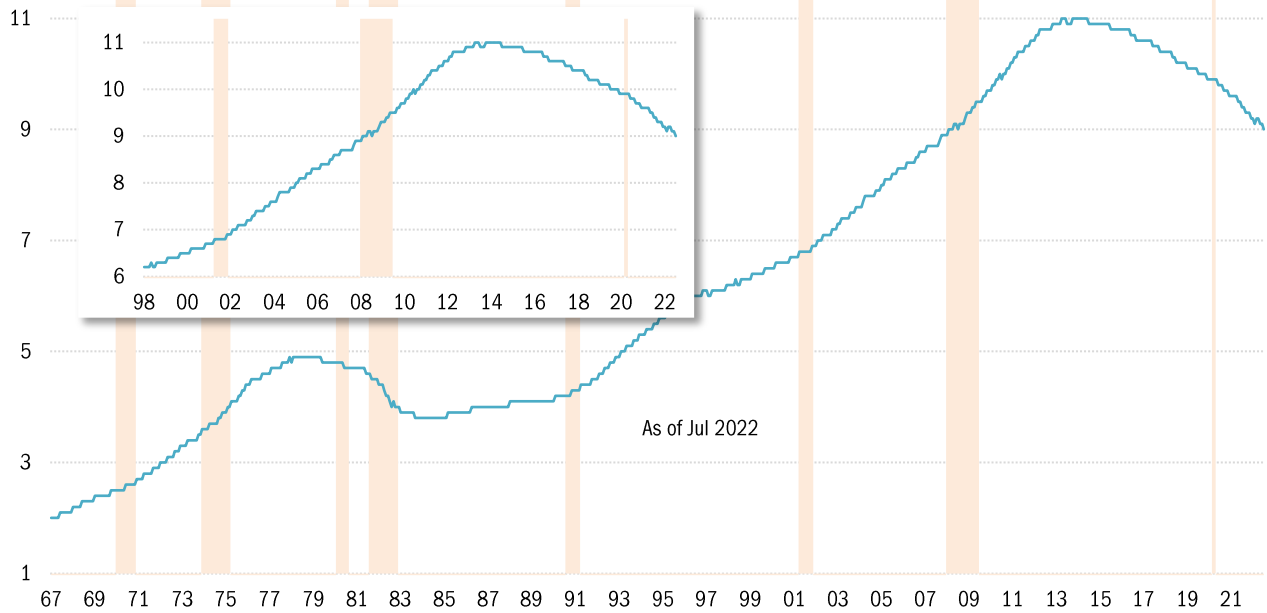
Source: BLS Current Population Survey and Current Employment Statistics, TrendMacro calculations

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



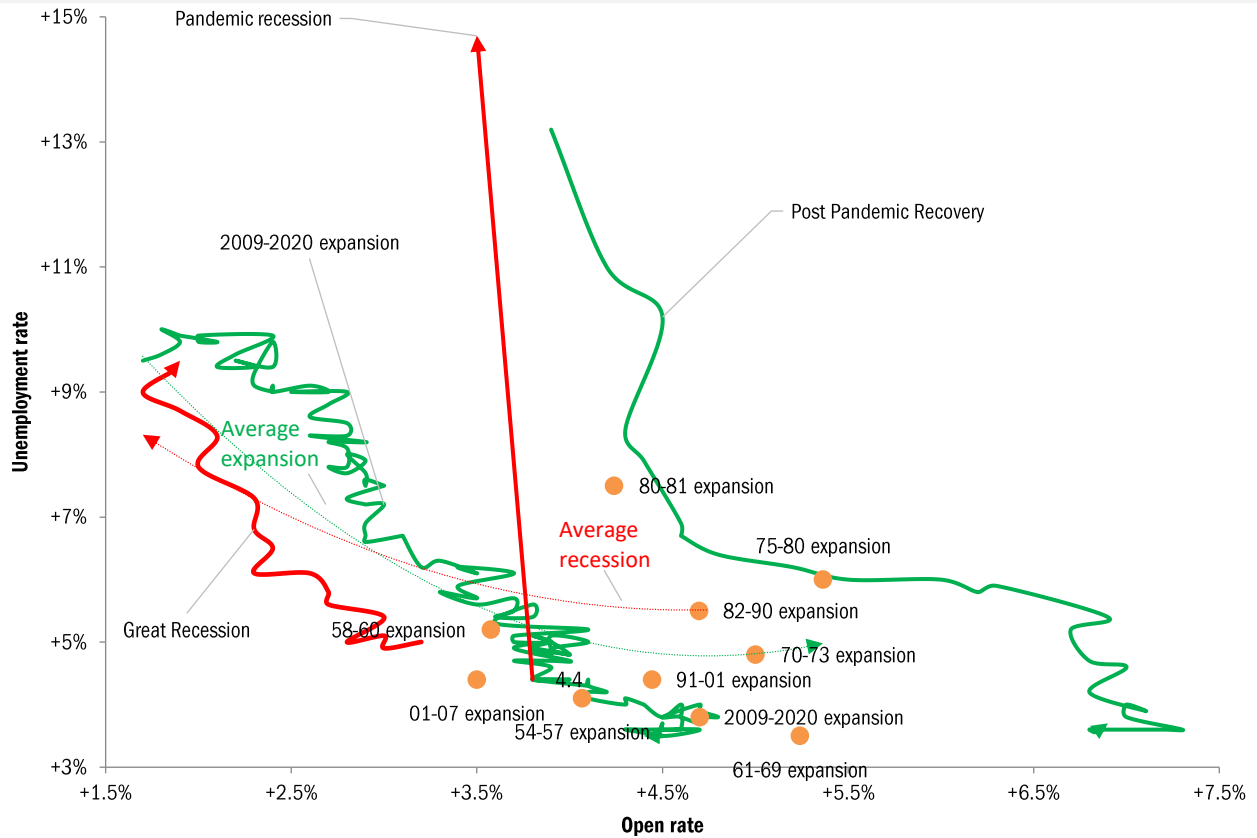
Source: BLS Current Population Survey, TrendMacro calculations

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



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

— Expansion — Recession ● Expansion extreme open rate (and matching UE rate), from 1954 to present



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