




















Data Insights: Jobs

Friday, July 8, 2022

Today's jobs data: what you need to know

Non-farm payrolls	Change Jun: +372	Revision May: -6	Revision Apr: -68	
Private payrolls	Change Jun: +381	Revision May: +3	Revision Apr: -37	
Employment	Change Jun: -315			
Unemployment	Change Jun: -38			
Long-term unemployment	Change Jun: -111			
Civilian labor force	Change Jun: -353	0.10 million above trend	10.8% of leavers unemployed	
Unemployment rate	Jun: 3.60%	Change Jun: -0.02%		
Underemployment rate	Jun: 6.7%	Change Jun: -0.4%		
Participation rate	Jun: 62.2%	Change Jun: -0.1%		
UE adjusted for participation	Jun: 9.2%	Change Jun: +0.13%		
Average weeks unemployed	Jun: 22.3	Change Jun: -0.2		
% longterm unemployed	Jun: 22.6%	Change Jun: -0.6%		
Aggregate hours worked index	Jun: 112.4	Change Jun: +0.3%	Revision May: -0	
Average hourly earnings	Jun: +0.31%	Change Jun: -0.06%	Revision May: +0.25%	
Aggregate weekly earnings	Jun: 172.4	Change Jun: +0.6%	Revision May: -0.4	
Monthly job-finding probability	Jun: 38.7%	Change Jun: +4.0%		
Monthly separation probability	Jun: 1.7%	Change Jun: +0.1%		
% involuntary part-time	Jun: 2.3%	Change Jun: -0.4%		
"Household" vs "Payroll" jobs	Change Jun: -241			

Source: Bureau of Labor Statistics, TrendMacro calculations

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Today's jobs data: a deeper dive

Non-farm payrolls SA	Change Jun: +372	Revision Feb: -6	Revision Jan: -68	
Non-farm payrolls NSA	Change Jun: +944	Revision Feb: -18	Revision Jan: -7	
Birth-death adjustment	Change Jun: +64			
Employment	Change Jun: -315			
Unemployment rate	Jun: 3.60%	Change Jun: -0.02%		
White employment	Change Jun: -137			
White unemployment rate	Jun: 3.3%	Change Jun: 0.1%		
Black employment	Change Jun: -166			
Black unemployment rate	Jun: 5.8%	Change Jun: -0.4%		
Hispanic employment	Change Jun: +85			
Hispanic unemployment rate	Jun: 4.3%	Change Jun: 0.0%		
Asian employment	Change Jun: -86			
Asian unemployment rate	Jun: 3.0%	Change Jun: 0.6%		
HS only employment	Change Jun: -460			
HS only unemployment rate	Jun: 3.5%	Change Jun: 0.0%		
Men employment	Change Jun: -157			
Men unemployment rate	Jun: 3.6%	Change Jun: 0.0%		
Women employment	Change Jun: -158			
Women unemployment rate	Jun: 3.6%	Change Jun: 0.0%		

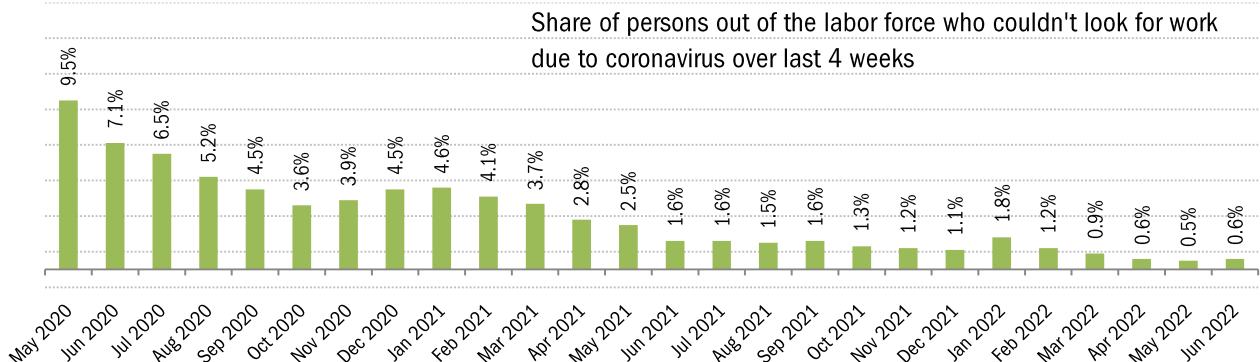
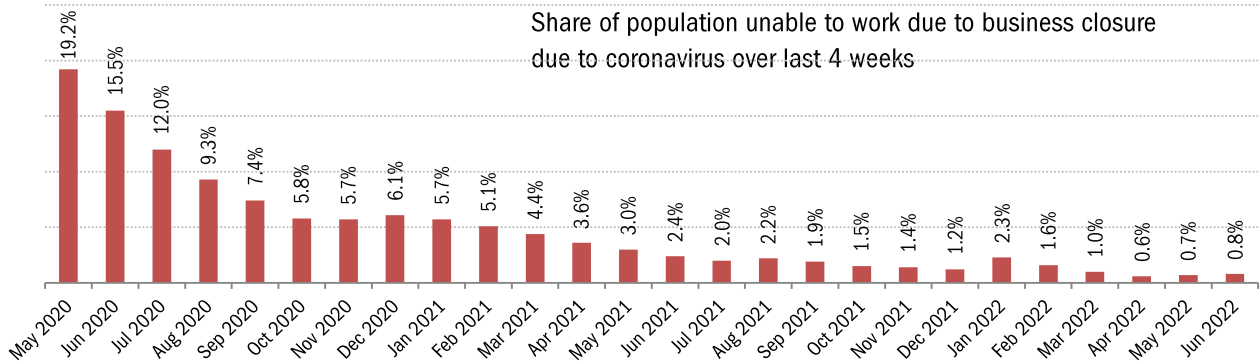
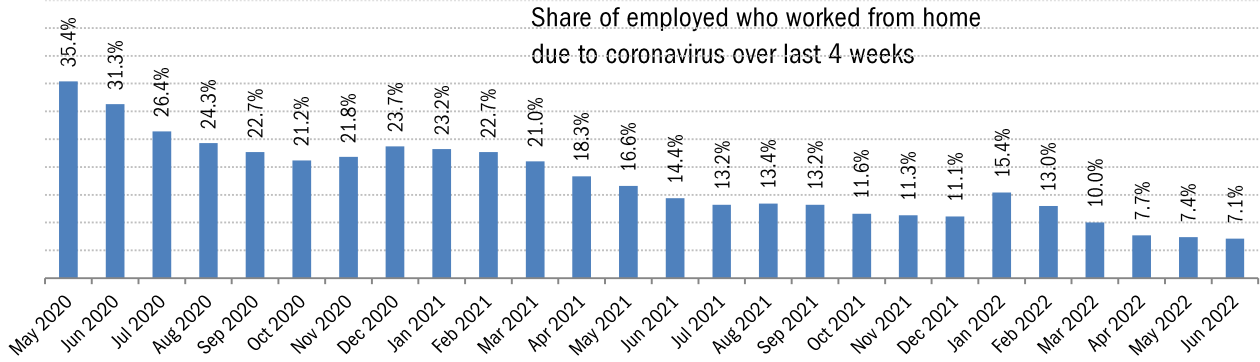
Source: Bureau of Labor Statistics, TrendMacro calculations

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
+128	47.3	47.4	-33	202	32,517	19	-4
Model estimate	Actual	Actual beat(+) or miss (-)					
+133	+372	+239					

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

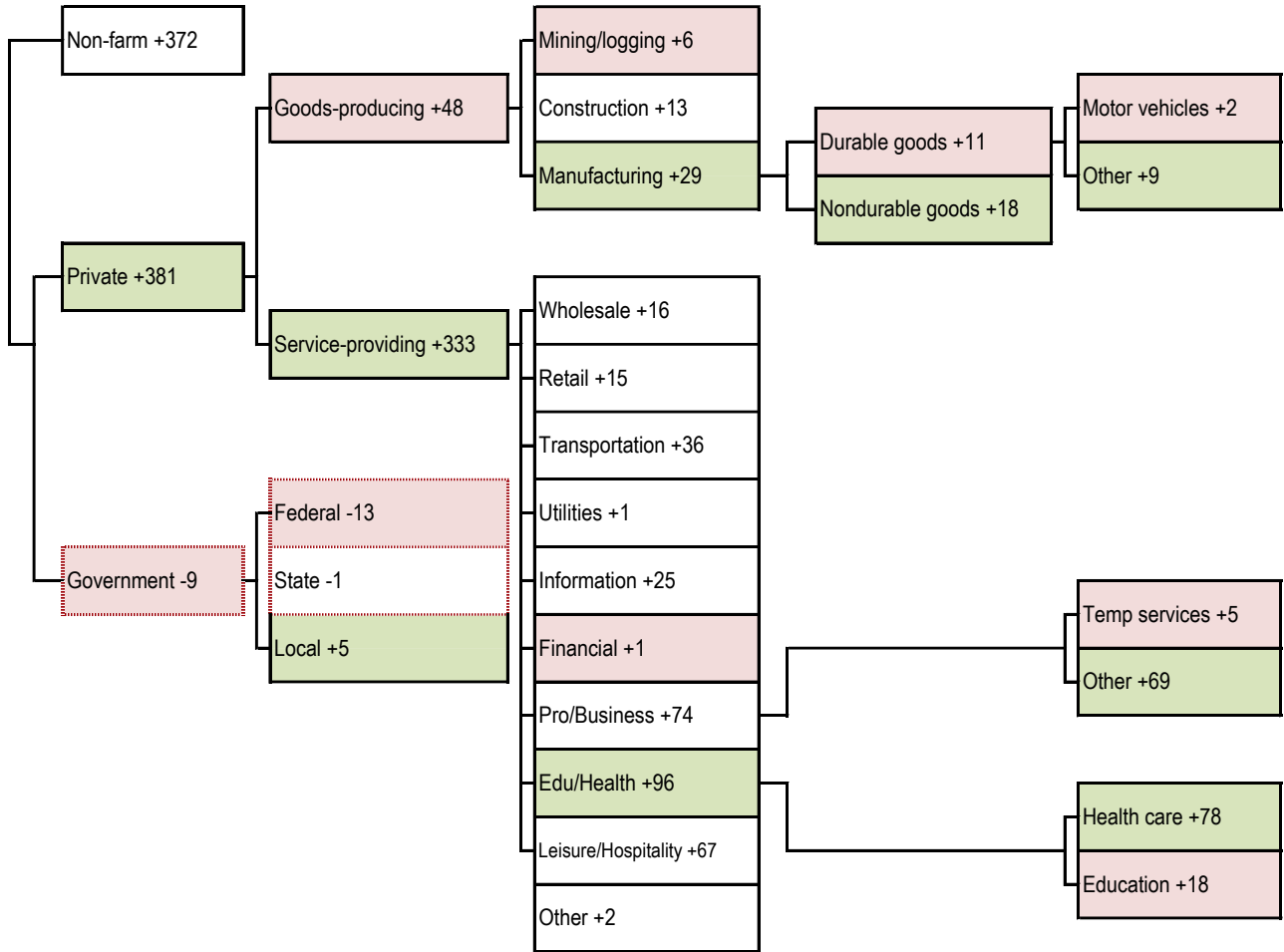
Labor market adaptation to pandemic conditions



Source: [BLS](#) TrendMacro calculations

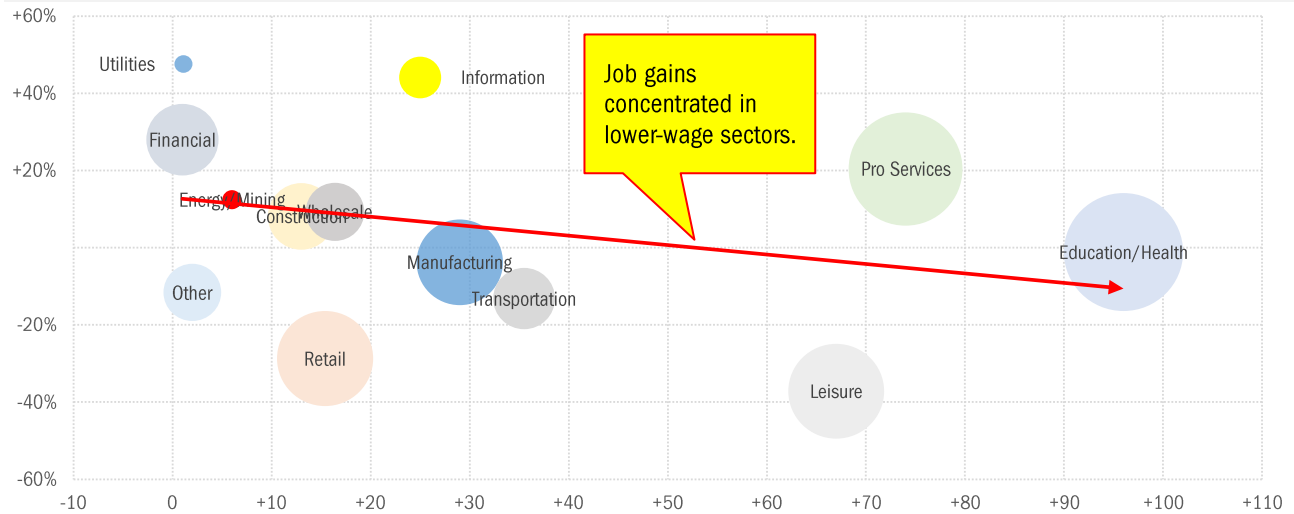
Today's payroll data: what you need to know -- where did the jobs come from?

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



Where is the pay coming from?

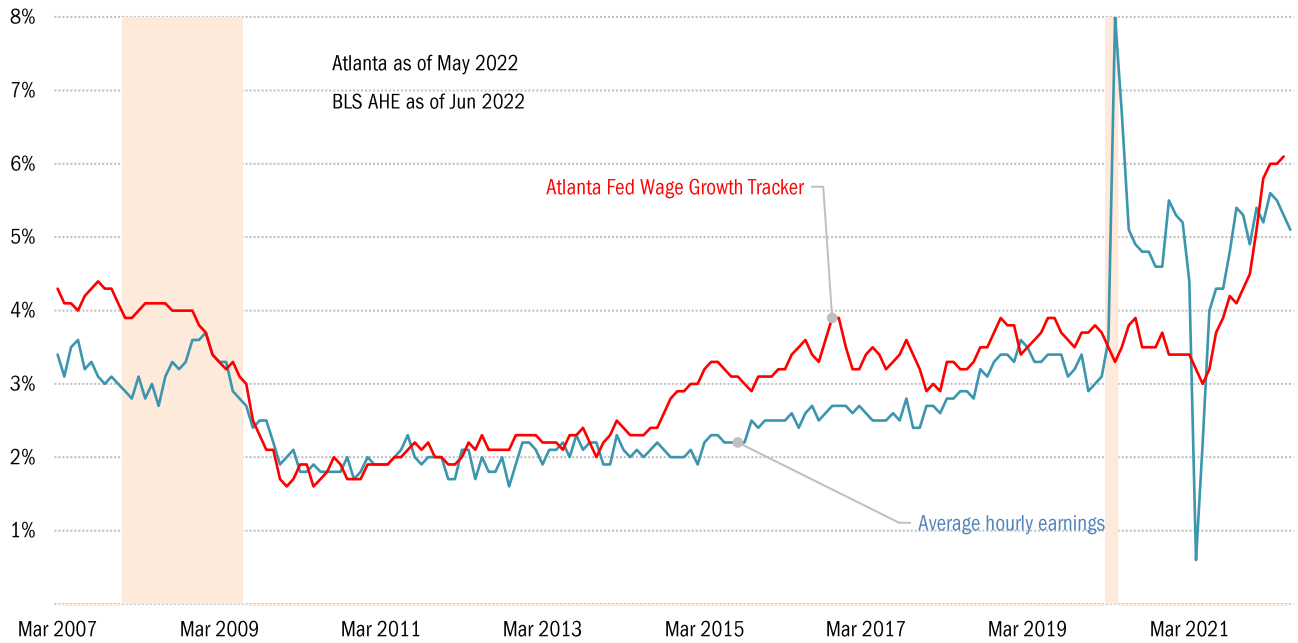
Vertical: Hourly wages vs average Horizontal: Payrolls change this month Circle size: Share of all employment



Source: BLS, TrendMacro calculations

Solving the wage-growth puzzle

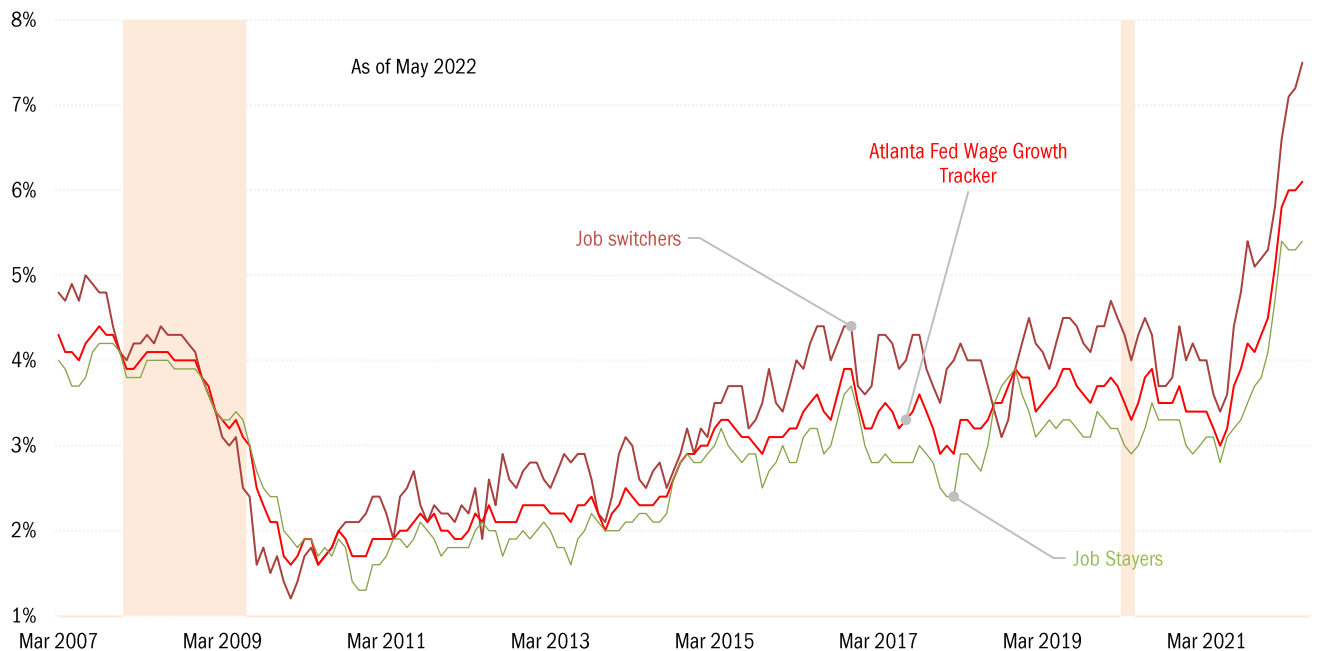
YOY average hourly earnings growth Atlanta Fed Wage Growth Index Recession



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

The wages of dynamism

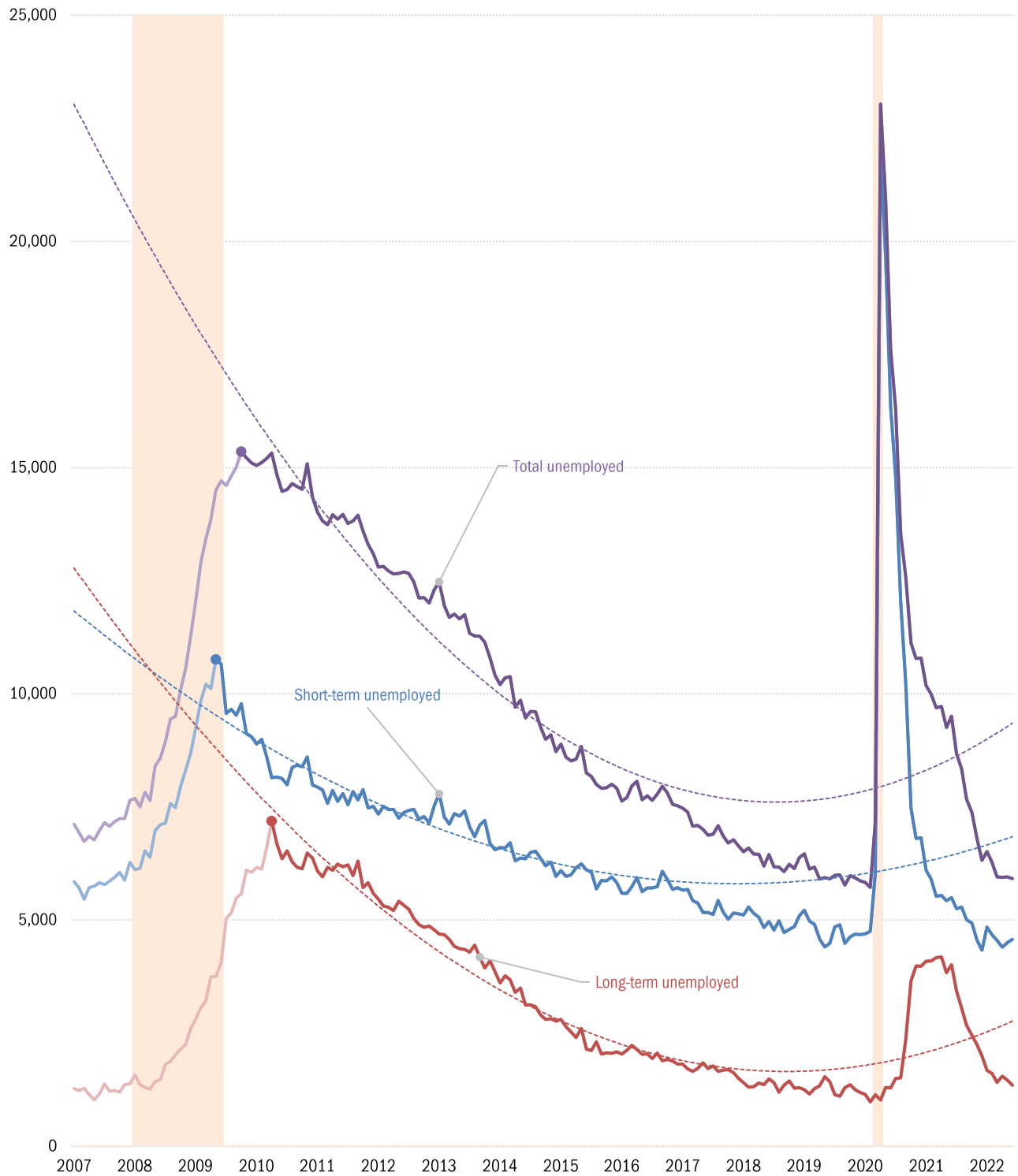
YOY wage growth for steady employees, versus those who change jobs Recession



Source: Atlanta Federal Reserve Bank, TrendMacro calculations

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

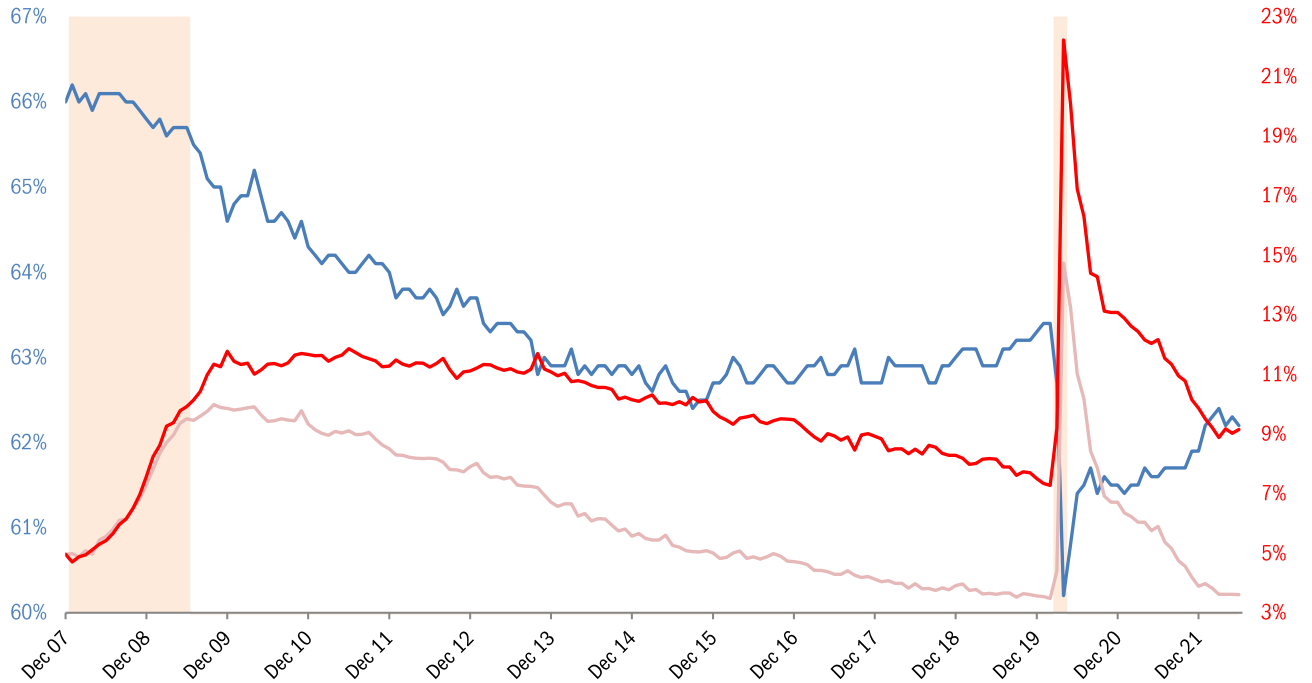
Unemployment: thousands Short-term = <27 weeks Long-term = >27 weeks



Source: BLS Current Population Survey, TrendMacro calculations

Unemployment rate normalized for participation rate December 2007

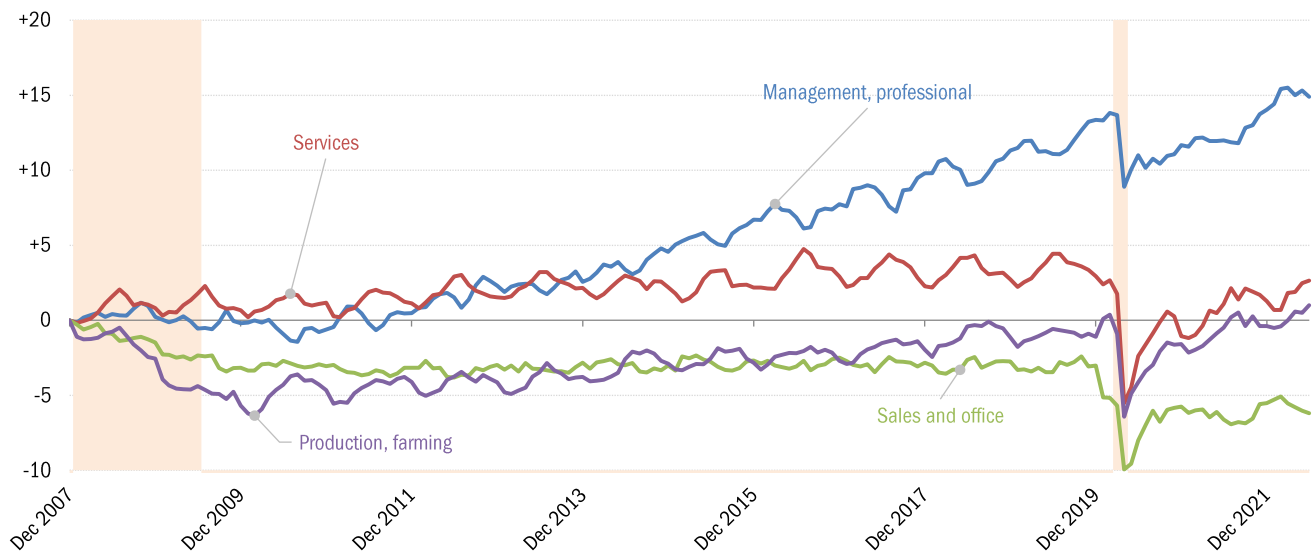
— Participation rate — Headline unemployment rate — Recession



Source: BLS Current Population Survey, TrendMacro calculations

Winner and losers in the long boom and the virus crisis

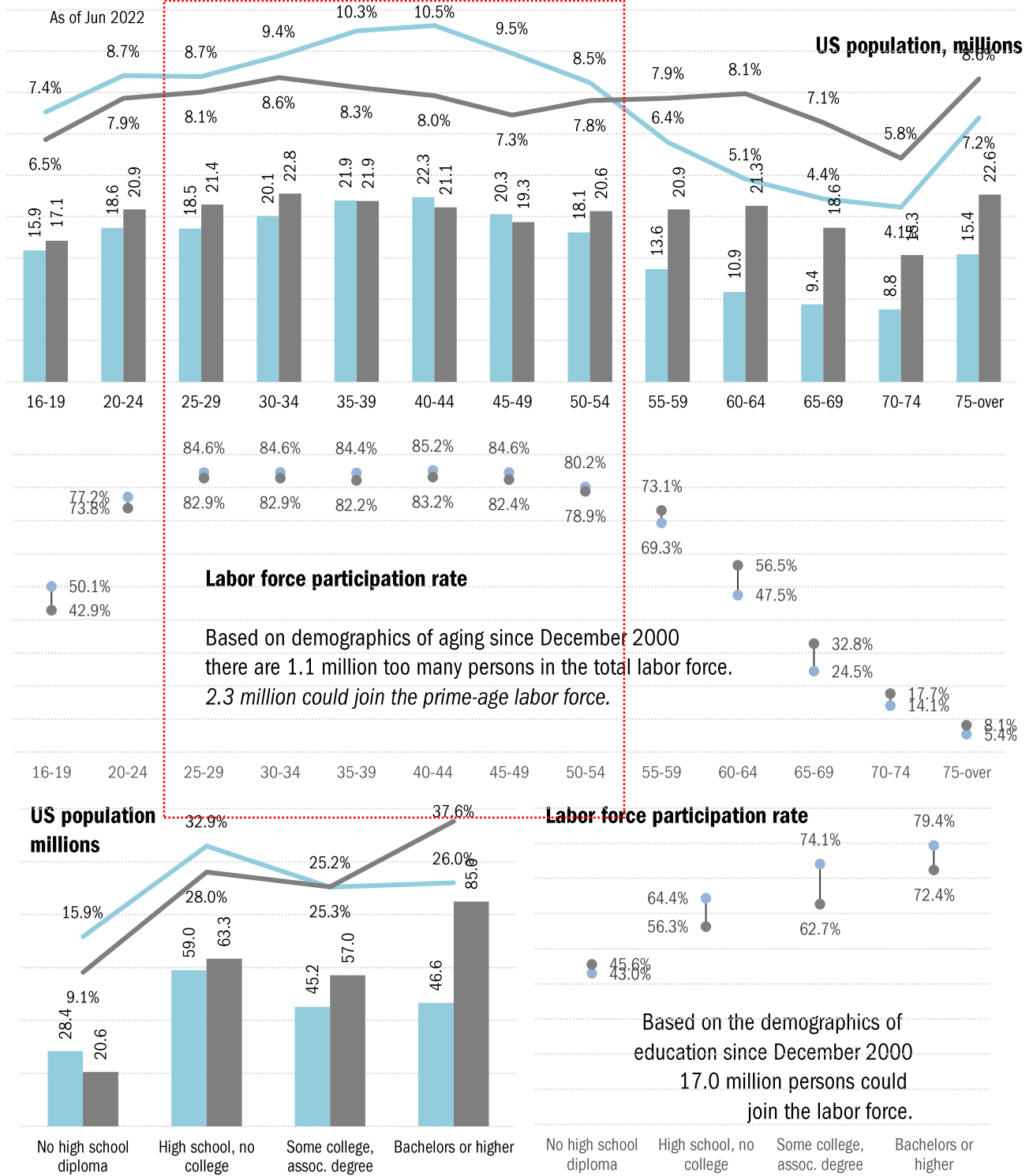
Change in total payrolls from prior business cycle peak, millions



Source: BLS, NBER, TrendMacro calculations

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

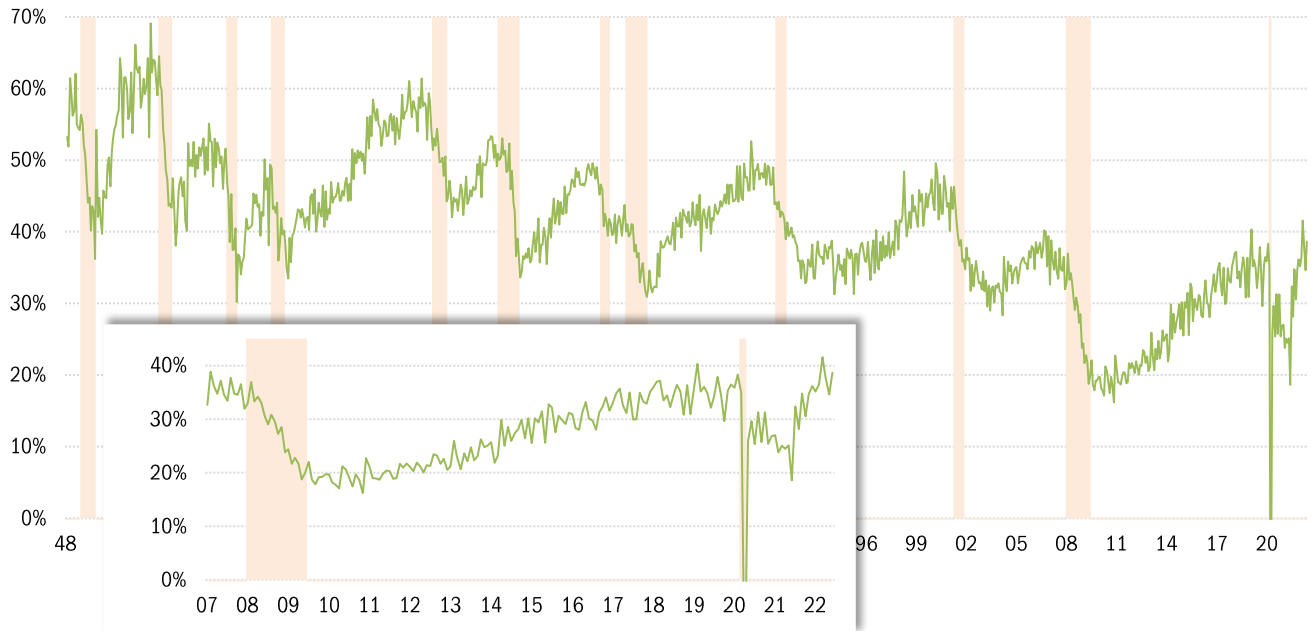
By age and education bracket: ■ Dec 2000, peak in the labor force participation rate ■ Latest □ Prime age



Source: BLS Current Population Survey, TrendMacro calculations

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

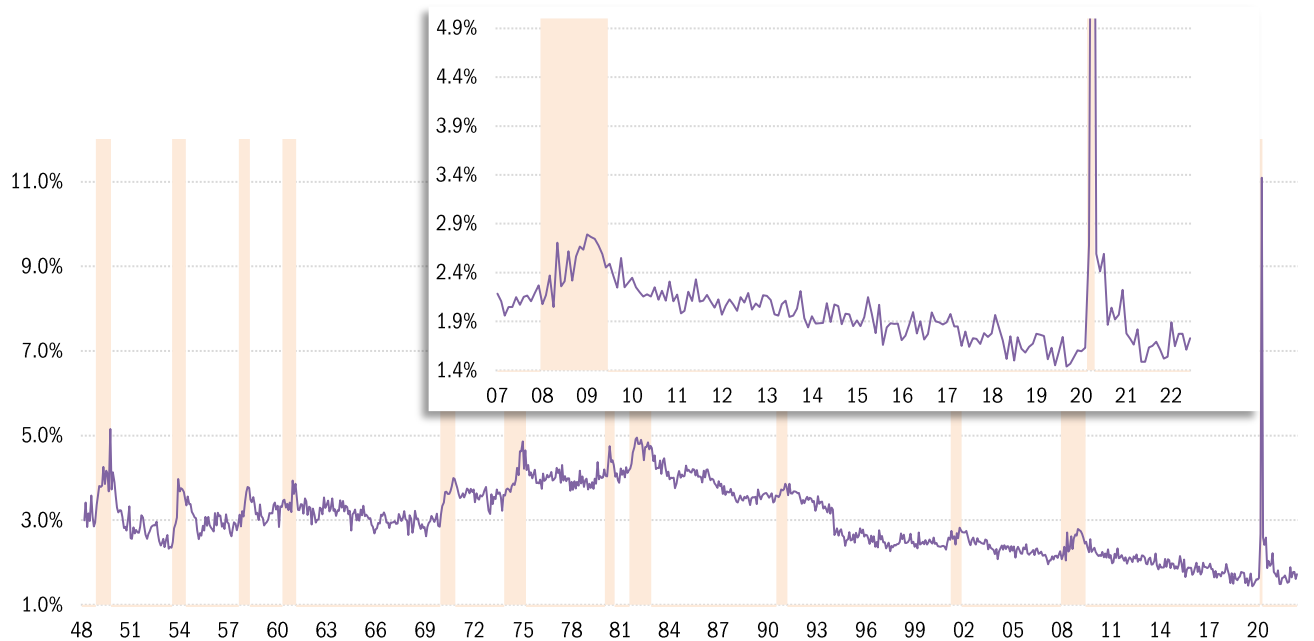
Chance of an unemployed person becoming employed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

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

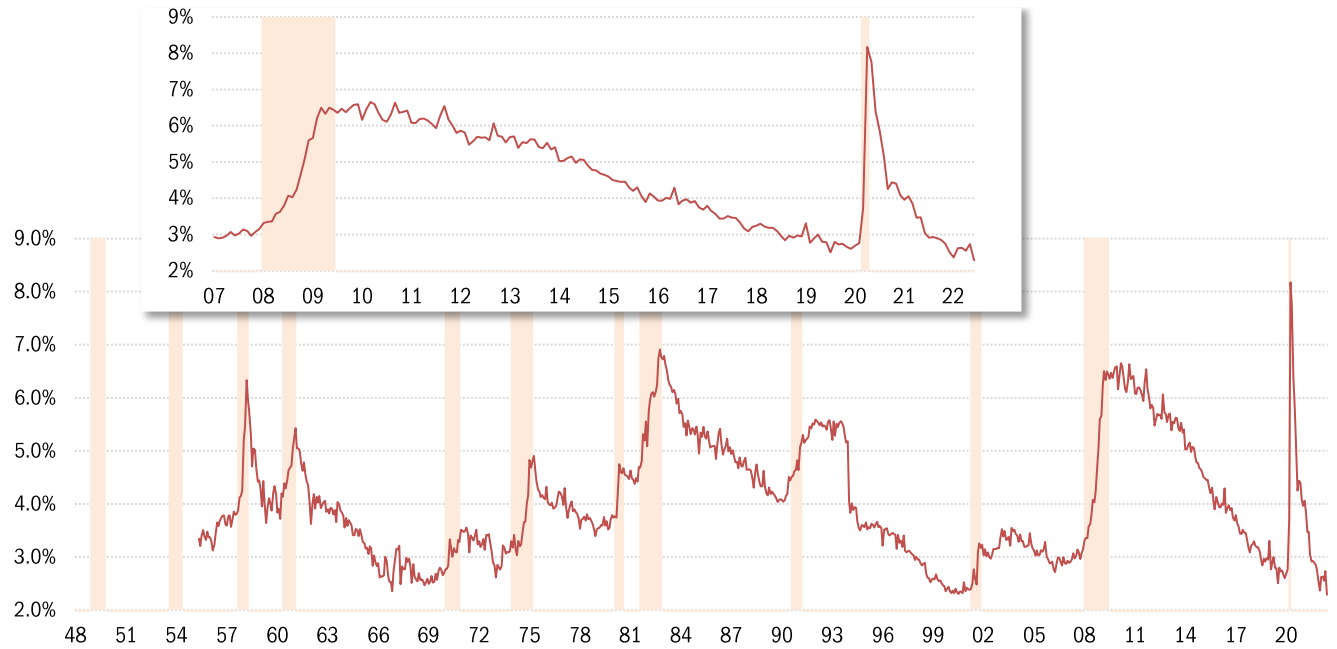
Chance of an employed person becoming unemployed in one month (per [Shimer 2005](#)) Recession



Source: BLS Current Population Survey, TrendMacro calculations

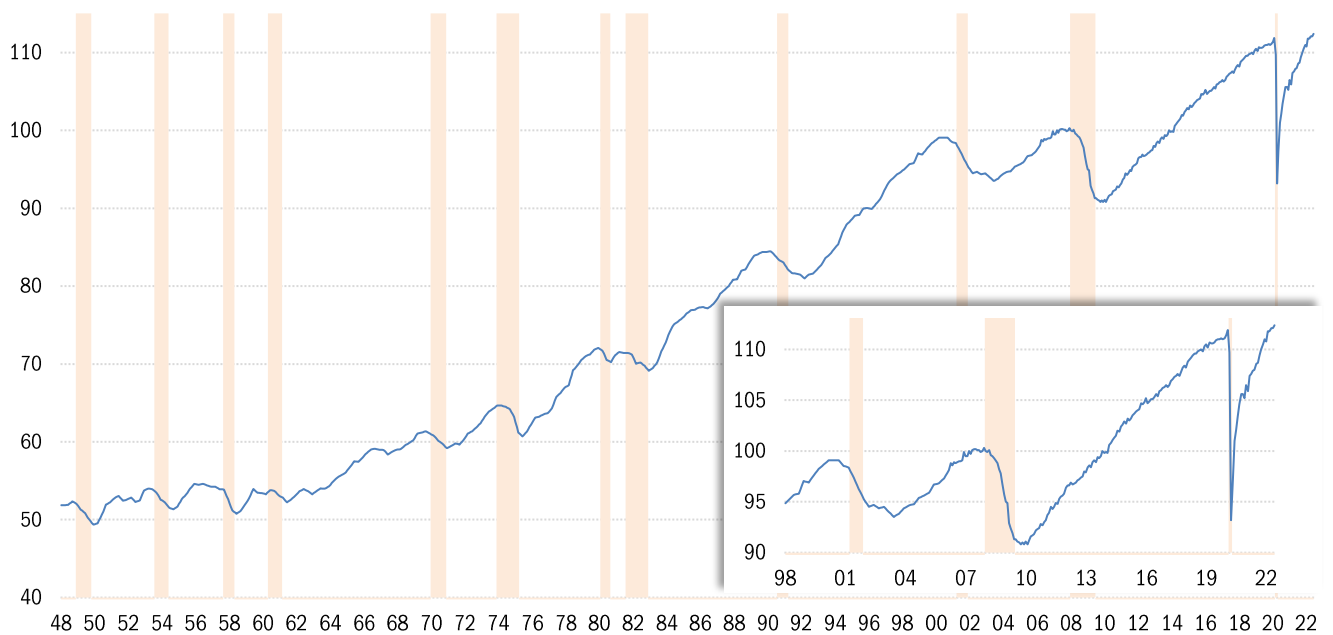
Involuntary part-time workers as percentage of the employed labor force

Persons available for full-time work ■ Recession



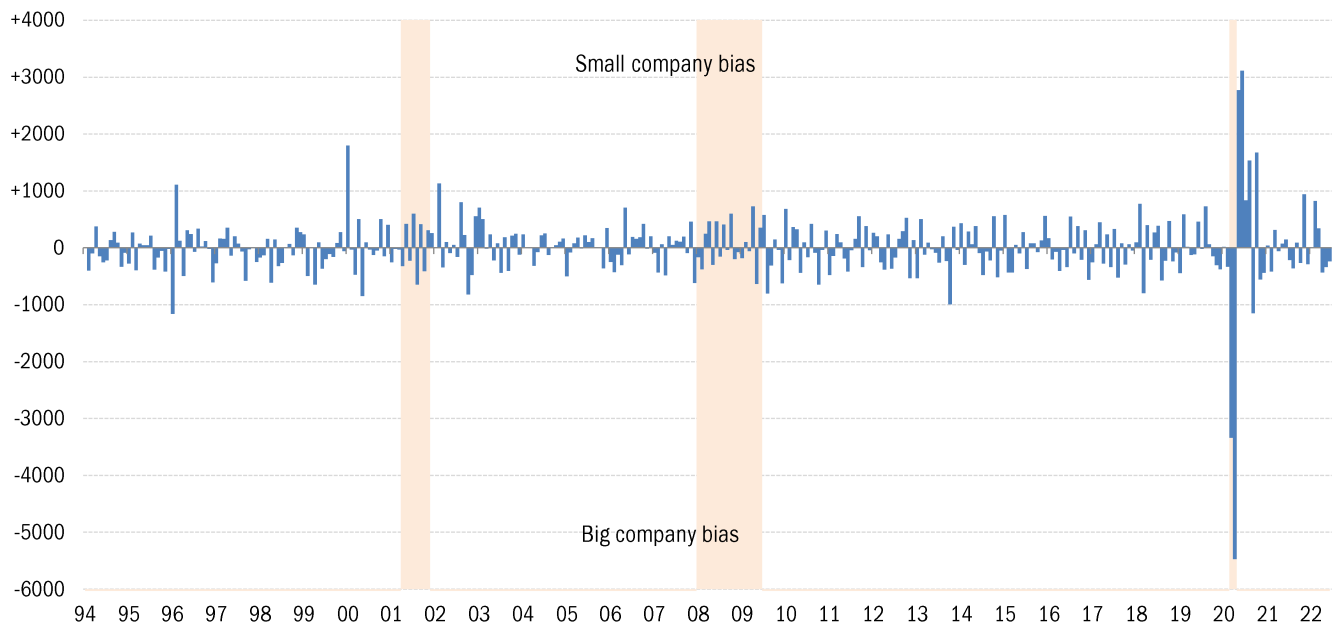
Source: BLS Current Population Survey, TrendMacro calculations

Aggregate weekly private hours-worked index ■ Recession



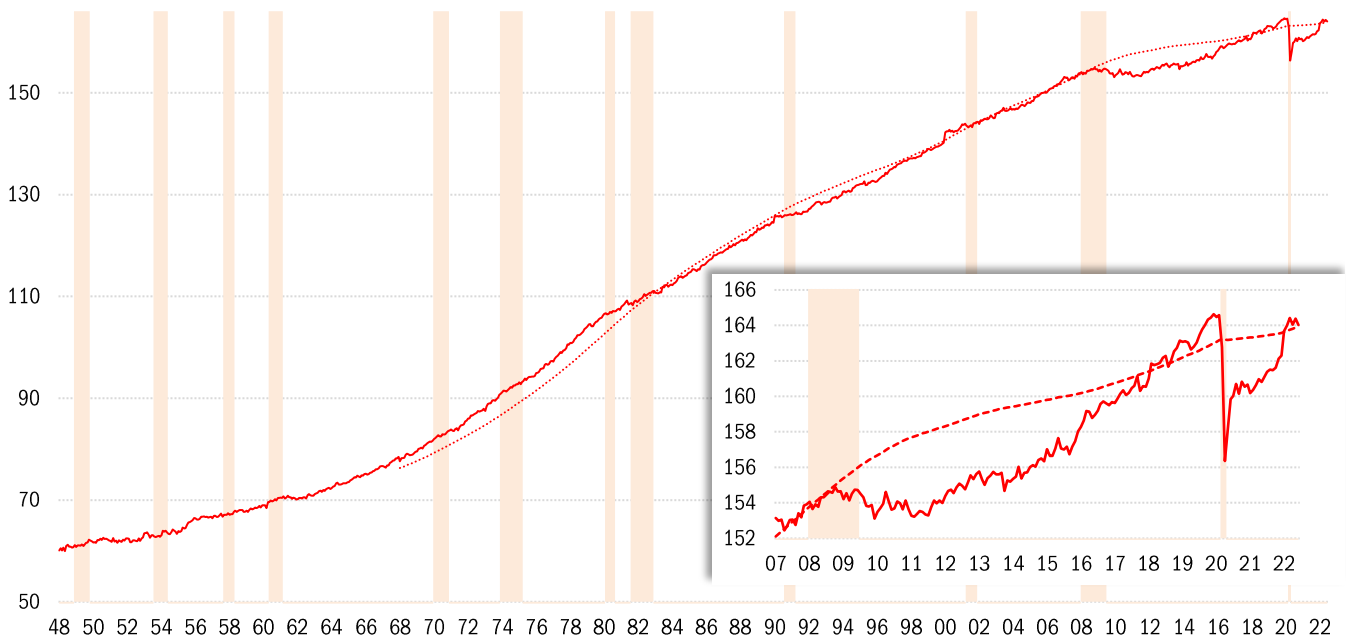
Source: BLS Productivity and Costs (quarterly) and Current Employment Stats (recent monthly), TrendMacro calcs

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



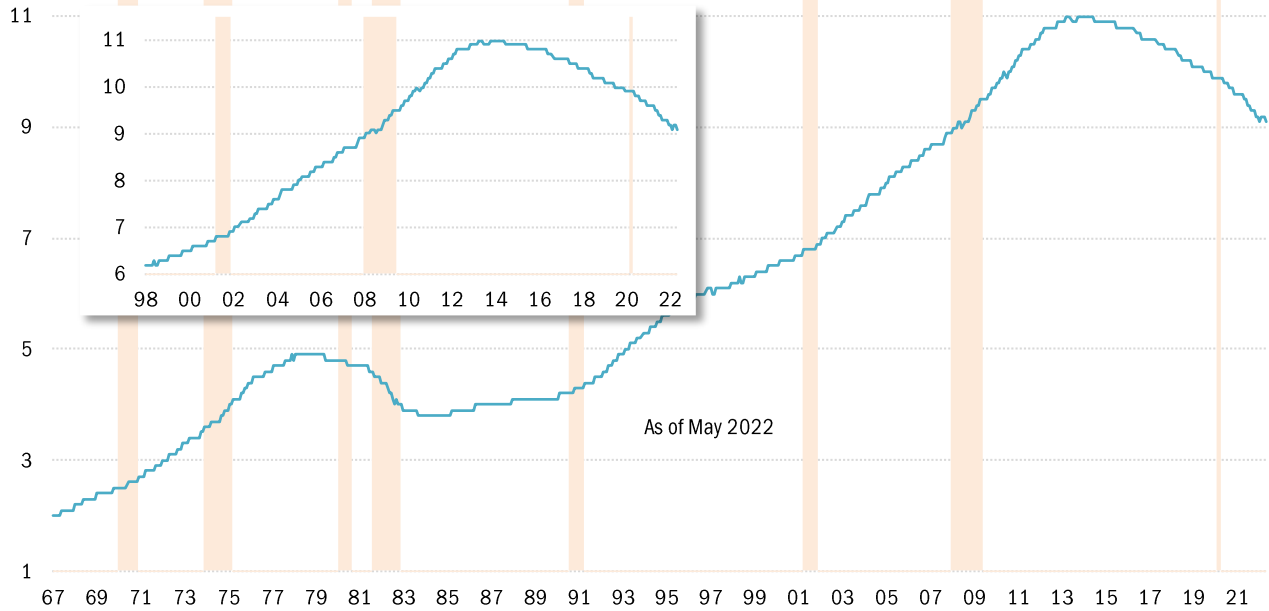
Source: BLS Current Population Survey and Current Employment Statistics, TrendMacro calculations

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



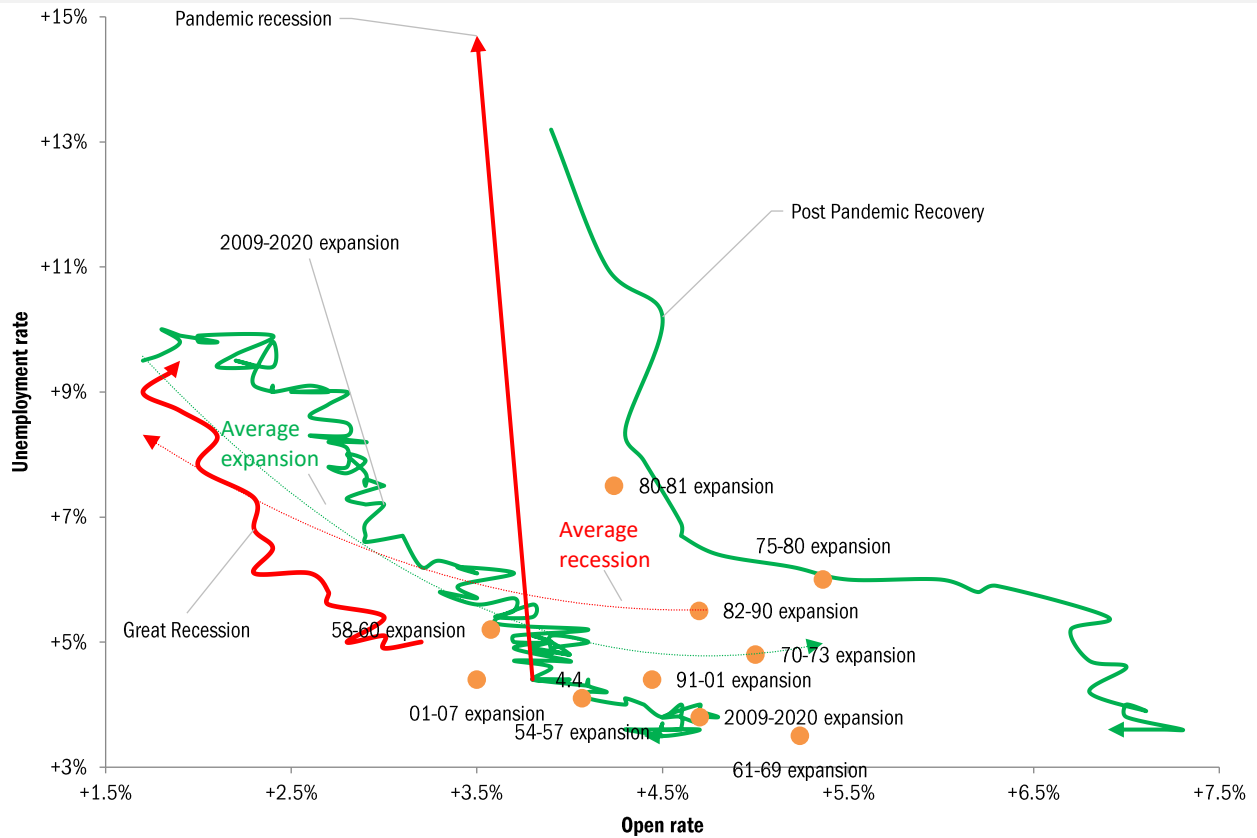
Source: BLS Current Population Survey, TrendMacro calculations

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