

Session 2: Trends in Labor Force Participation

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¹These views are those of the author and do not necessarily reflect the views of the Federal Reserve Bank of San Francisco or the Federal Reserve System.



Session 2: Trends in Labor Force Participation

Three Firestarter Topics:

- 1 Transitory and persistent impacts of the pandemic
- 2 Closing participation gaps
- 3 Immigration and labor force growth

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1 - A Transitory and A (Potentially) Lasting Impact of the Pandemic

Initial concerns over pandemic's impact on women's participation erased by 2023



Lofton, Olivia, Nicolas Petrosky-Nadeau, Lily Seitelman. "Parents in a Pandemic Labor Market," Federal Reserve Bank of San Francisco Working Paper 2021-04.

Slide 1 of 4

1 - A Transitory and A (Potentially) Lasting Impact of the Pandemic

Shortfall in participants aged 55+ persistent and concentrated among the non-college educated



Miskanic, Brandon, Nicolas Petrosky-Nadeau, Cindy Zhoa. "To Retire or Keep Working After a Pandemic?" FRBSF Economic Letter, forthcoming.

Slide 2 of 4

2 - Closing gaps: Significant Lags in Closing Gender Gaps

Despite gains during current expansion a large gap remains relative to peer countries



Daly, Mary C., Joseph H. Pedtke, Nicolas Petrosky-Nadeau, Annemarie Schweinert."Why Aren't U.S. Workers Working?" FRBSF Economic Letter 2018-24.

3 - Increasing Role for Immigration in Growing the Labor Force

Foreign born workers account for nearly 2/3 of LF growth since 2021



Source: Bureau of Labor Statistics via Haver Analytics, and FRBSF calculations.

 Federal Reserve Bank of San Francisco Additional Slides



2 - Closing gaps: Caution when comparing populations

Differential aging across demographic groups can distort trends



Employment to population ratios for blacks constructed using the age population distribution of whites.

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3 - Domestic and Foreign Born Contributions to Labor Force Growth



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3 - Missing Domestic Born Workers?



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of San Francisco

Trends in Labor Force Participation

Ayşegül Şahin UT Austin

The Recent Evolution of Labor Markets A Hutchins Center Conference January 18th 2024 Washington D.C.

Based on joint works with Bart Hobijn

Questions

- What happened pre-, during, and post-pandemic? Have long-term trends changed, or were they just disrupted a bit by COVID?
- How much of the decline in labor force participation was among older (70+) workers and part-time workers?
- Do we expect LFP of older workers to begin rising again as it had been pre-pandemic? Whither prime-age male LFP?
- What role does availability of childcare play in LFP?
- What about hours—what do we make of differences among surveys?

Labor Force Participation Trend Predates the COVID-19 Pandemic



Note: Vintage of forecast is indicated by dot. Actual is seasonally adjusted monthly observations. Trend estimates in bottom panel by source:
CBO trend estimates (2011,2015,2020,2021), ■: Tealbook estimates (backward-looking, Jan 2011 and Jan 2015), *: Aaronson et al. (2014), and ▲: from Aaronson et al. (2006), Aaronson et al. (2012), Zandweghe (2012), and Hornstein et al. (2018).

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Emphasis on Labor Force Entry/Exit Dynamics During the Pandemic

Labor Force Entry and Exit Rates

monthly; seasonally adjusted; percent of labor force



Participation Dynamics More Subtle

Flow Origins of Participation: Dec 2023



 Flows >> Net changes in stocks

- Large flows in and out of labor force
- Unemployed are less attached than the employed

- Attachment wedge

Source: Bureau of Labor Statistics

Key Intuition: When someone moves from U to E, they are more likely to remain in the labor force going forward. This simple mechanism (*the participation cycle*) is the source of procyclicality of participation, *not* labor force entry and exit.

Participation Cycle Lagged the Unemployment Cycle As Always



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Cyclical Pressures on Participation Similar to 2019



Key Takeaway

Recovery of participation rates for all groups is not because marginalized workers are drawn back into the labor force, but instead because those in labor force become more attached due to better labor market opportunities and more employment stability.

Contrasts with common narrative as in Perry (1971), Okun (1973)

Demographic Trends

Baby Boom Generation: Born Between 1946 and 1964



Tracking the Baby Boom Cohort: 2002



Replicated from the NY Times article: https://www.nytimes.com/2022/12/27/business/economy/labor-shortage-retirees-boomers.html

Tracking the Baby Boom Cohort: 2012



Replicated from the NY Times article: https://www.nytimes.com/2022/12/27/business/economy/labor-shortage-retirees-boomers.html

Tracking the Baby Boom Cohort: 2021



Replicated from the NY Times article: https://www.nytimes.com/2022/12/27/business/economy/labor-shortage-retirees-boomers.html

Participation Trends by Age: 2002-2022



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Pushing Against the Trend

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 - Labor market remains strong
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 \longrightarrow not much room left

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Referred to as *Participation Instability* by Marston (1976)

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 \longrightarrow how much room do we really have?

References

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Additional Plots

Participation Trends by Age for Men: 2002-2022



Participation Rates by Age, Men

Parti cipation r ate , 2002 Parti cipation r ate , 2012 Parti cipation r ate , 2022

Participation Trends by Age for Women: 2002-2022



Part-time Share



Labor Force Participation Rate vs. Desired Hours

