# Graphics for Economic News Releases from The U.S. Bureau Of Labor Statistics

James J. Heckman



Econ 350, Winter 2023

Heckman 1/3/2023

# Household Survey Data

Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

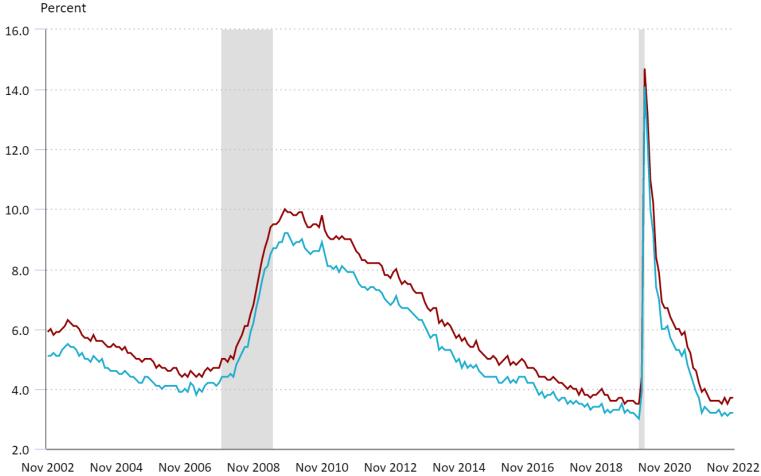
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

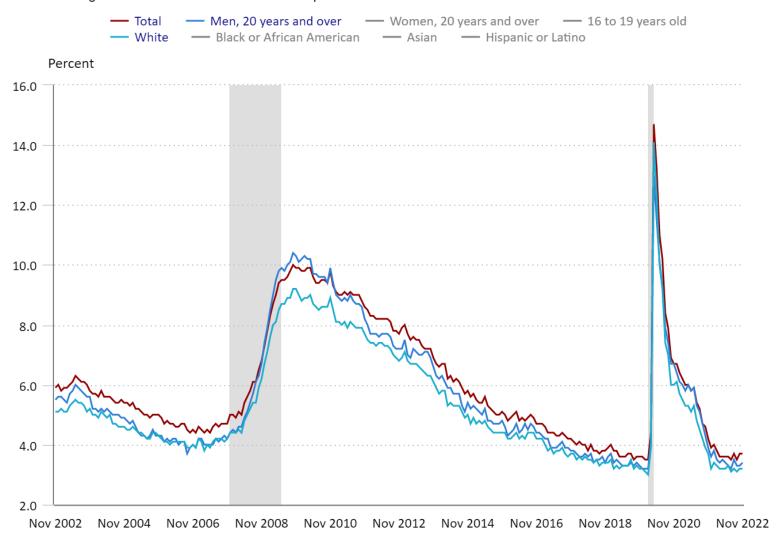
Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

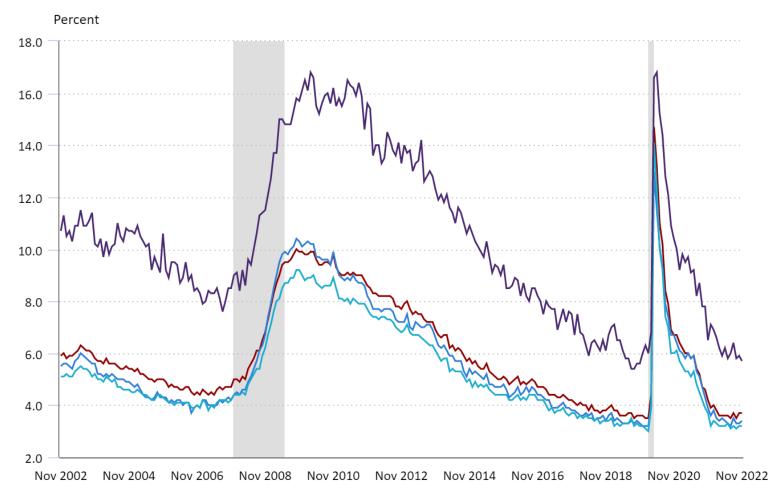
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

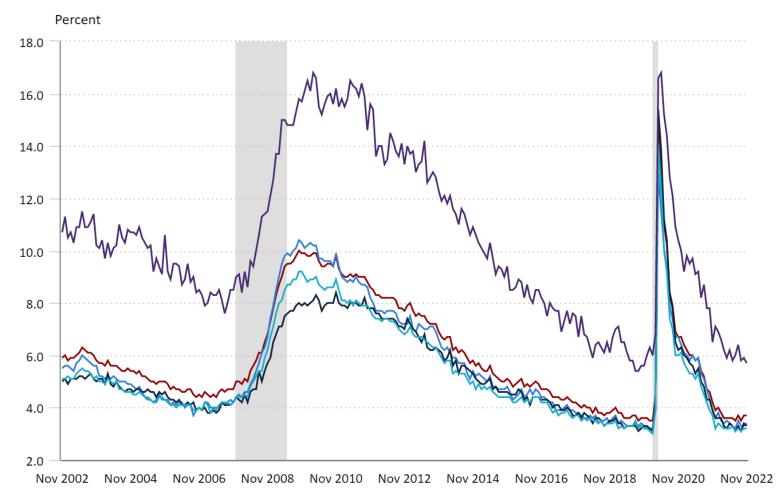
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

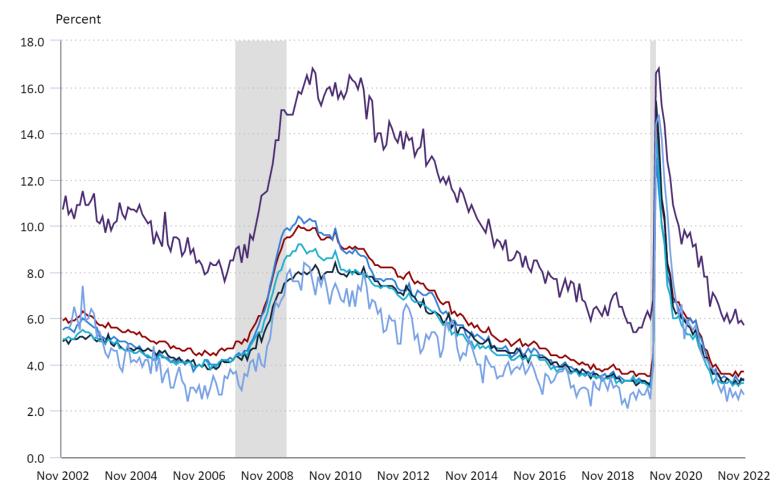
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

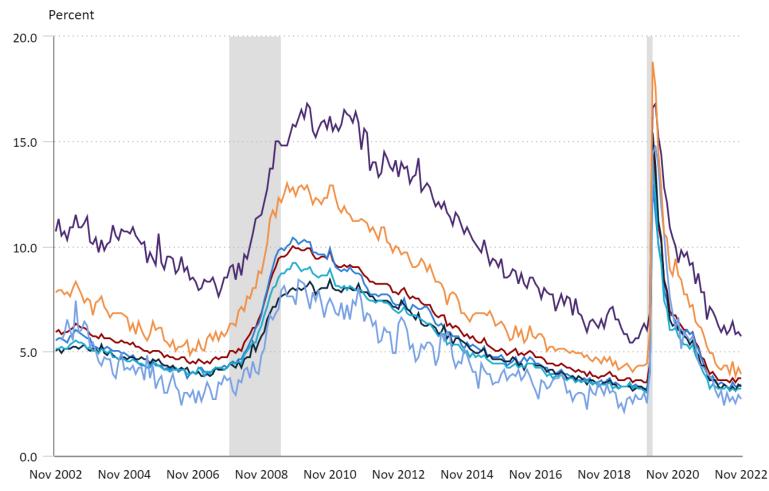
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

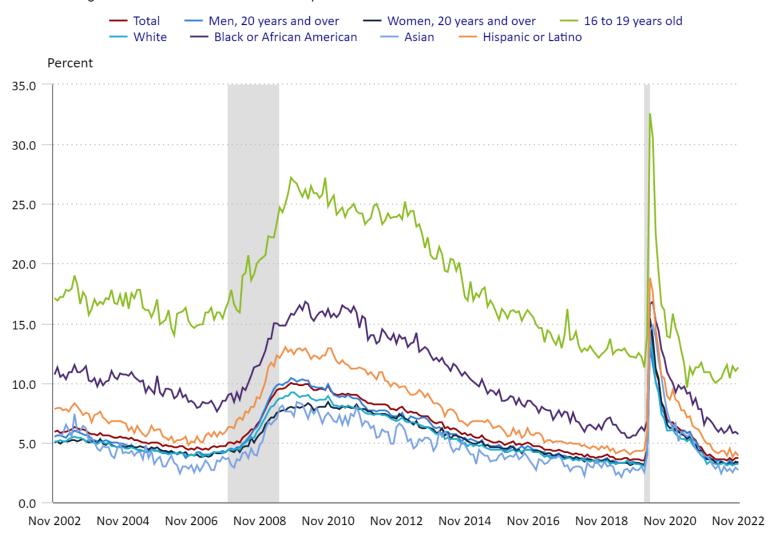
Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods







Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods







Hover over chart to view data.

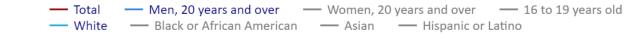
Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

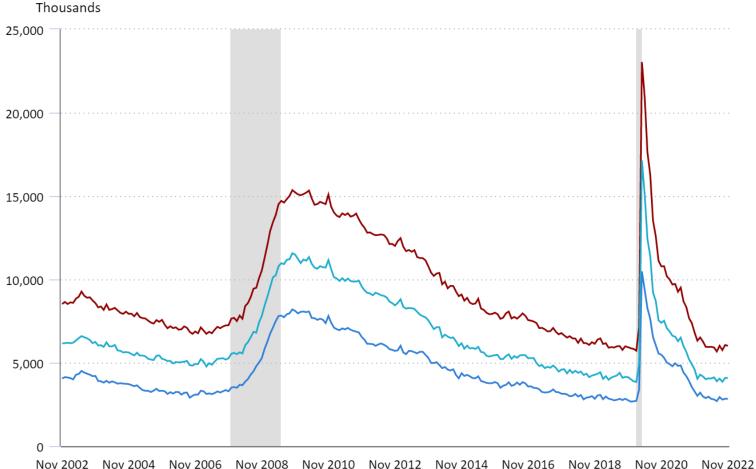
Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

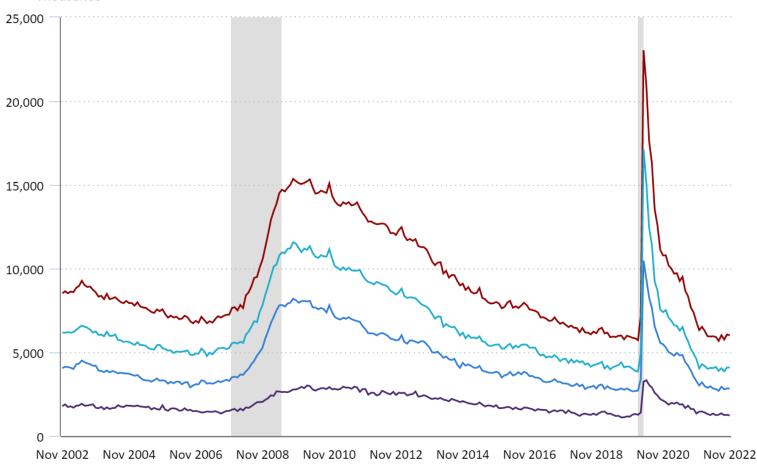
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods







Hover over chart to view data.

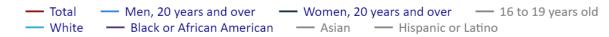
Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

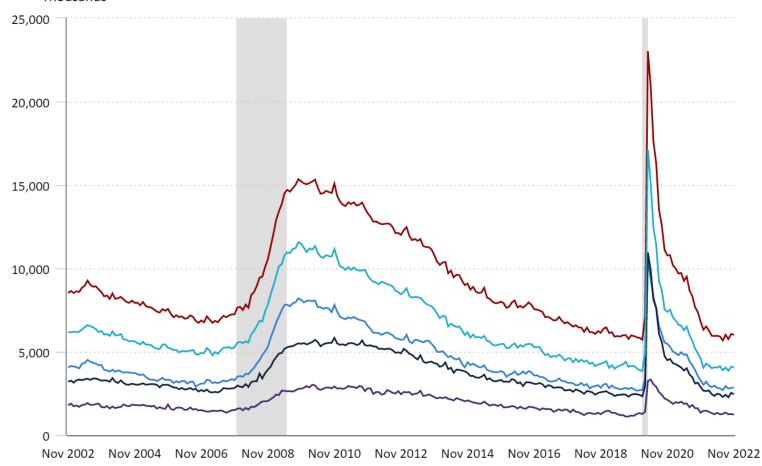
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods







Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

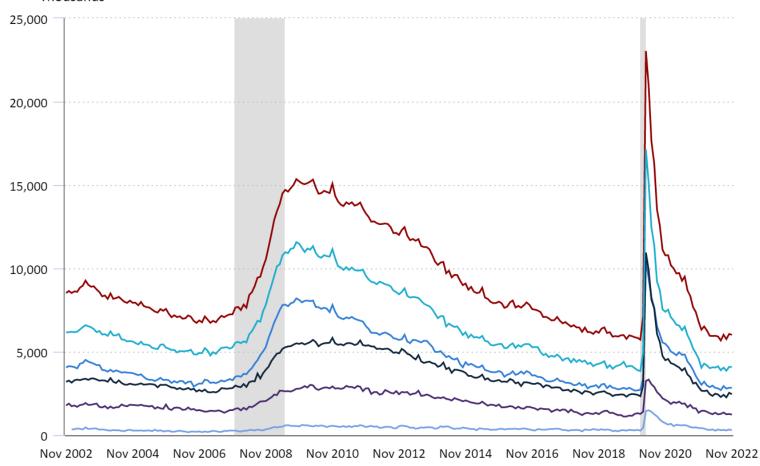
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods







Hover over chart to view data.

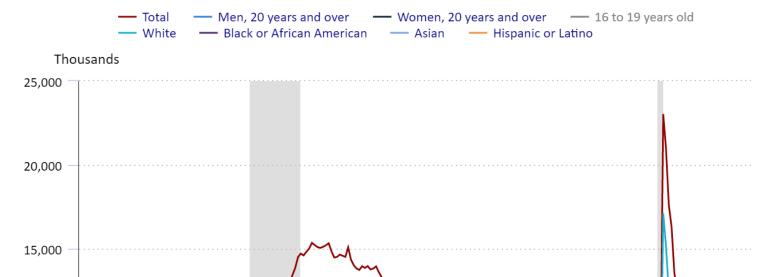
Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods





10,000

5,000

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

Nov 2002 Nov 2004 Nov 2006 Nov 2008 Nov 2010 Nov 2012 Nov 2014 Nov 2016 Nov 2018 Nov 2020

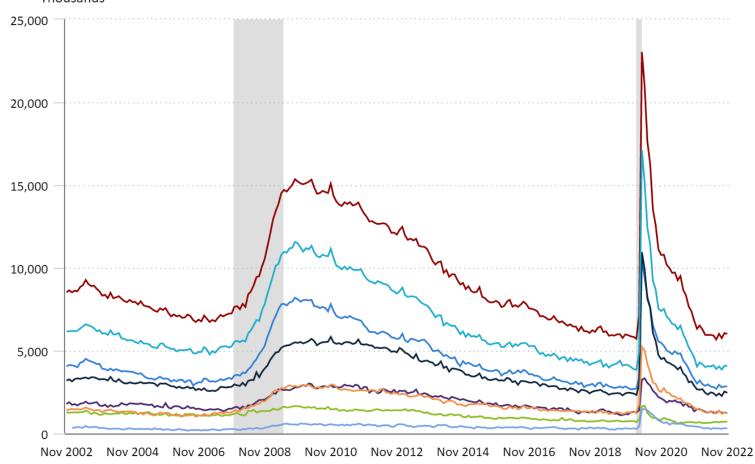
Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods







Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Estimates for the above race groups (white, black or African American, and Asian) will not sum to totals because data are not presented for all races.

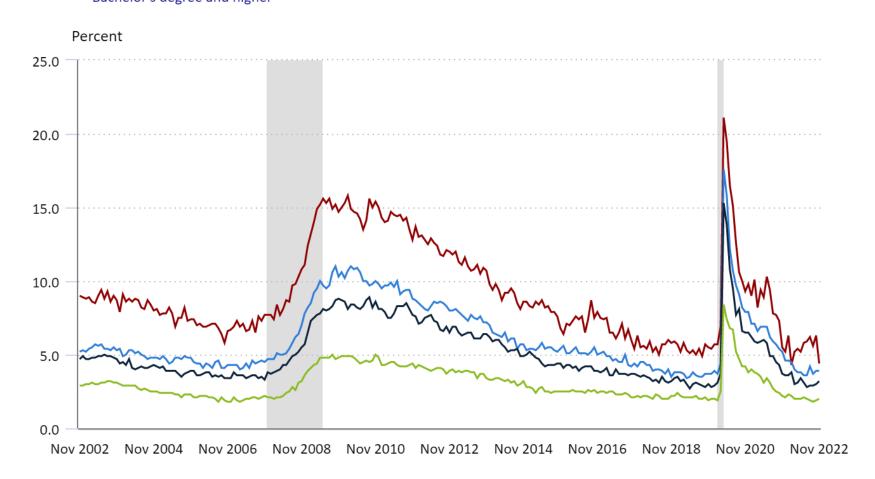
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



# Unemployment rates for persons 25 years and older by educational attainment, seasonally adjusted

Click and drag within the chart to zoom in on time periods

Less than a high school diploma
 Bachelor's degree and higher
 High school graduates, no college
 Some college or associate degree



Hover over chart to view data.

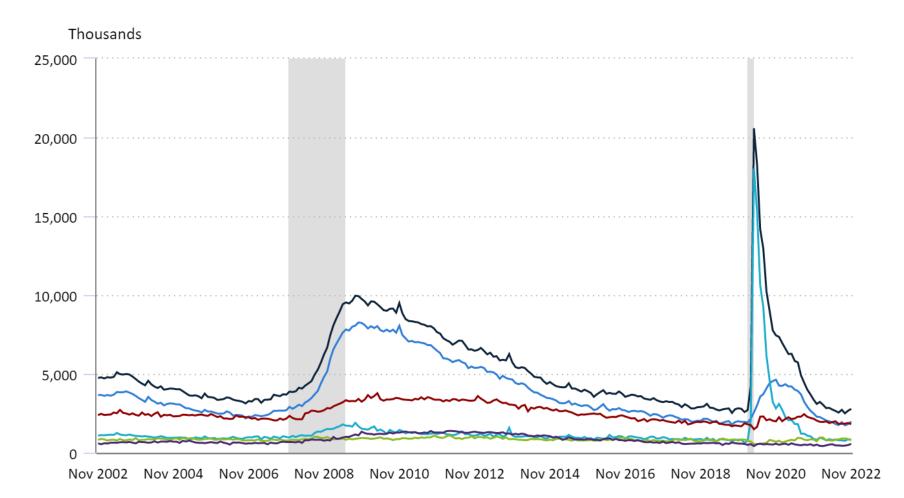
Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.



# Reasons for unemployment, seasonally adjusted

Click and drag within the chart to zoom in on time periods

Job losers and persons who completed temporary jobs
 Job losers on temporary layoff
 Job leavers
 Reentrants
 New entrants



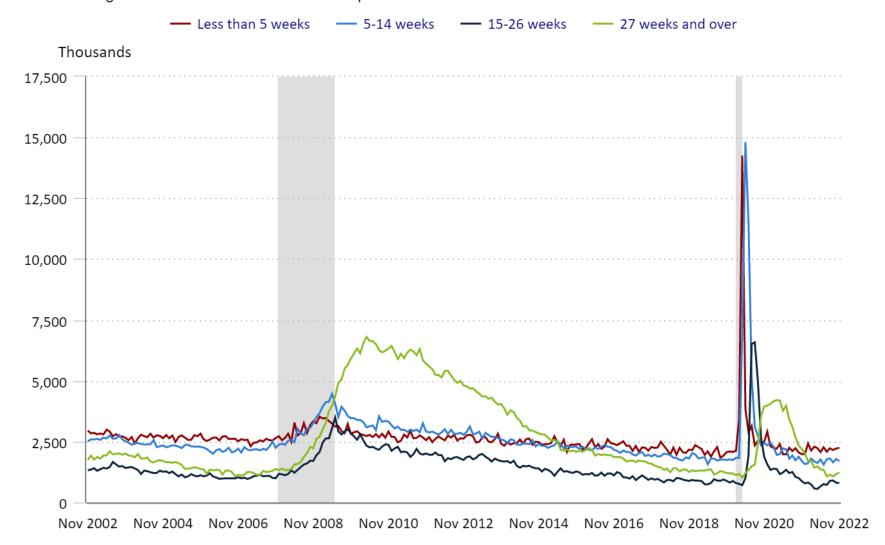
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.



# Duration of unemployment, seasonally adjusted

Click and drag within the chart to zoom in on time periods

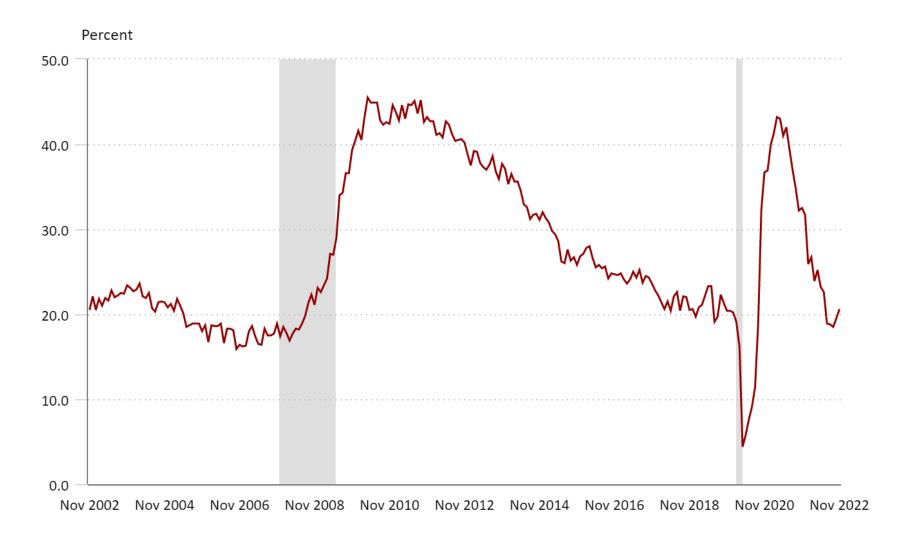


Hover over chart to view data.



# Unemployed 27 weeks or longer as a percent of total unemployed, seasonally adjusted

Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.



Click and drag within the chart to zoom in on time periods

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force
- U-3, total unemployed, as a percent of the civilian labor force (official unemployment rate)
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers, as a percent of the civilian labor force plus all marginally attached workers
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers



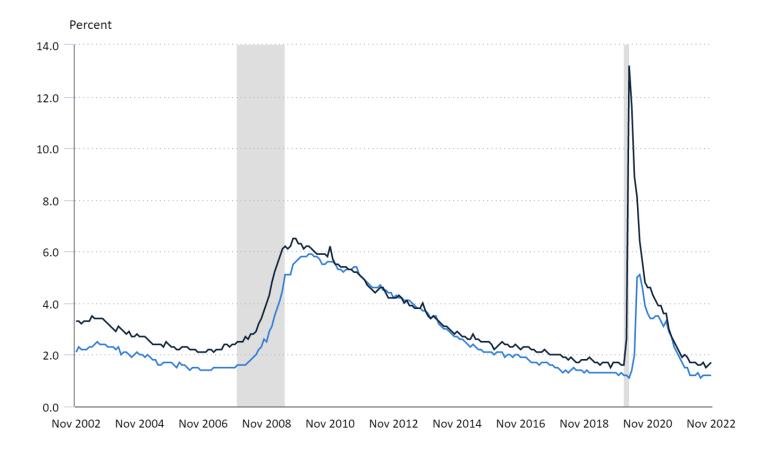
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research. Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force
- U-3, total unemployed, as a percent of the civilian labor force (official unemployment rate)
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers, as a percent of the civilian labor force plus all marginally attached workers
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers



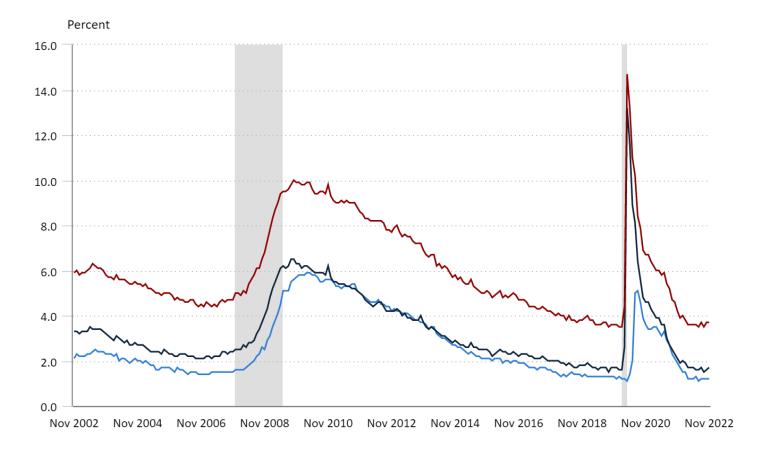
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research. Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force
- U-3, total unemployed, as a percent of the civilian labor force (official unemployment rate)
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers, as a percent of the civilian labor force plus all marginally attached workers
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers

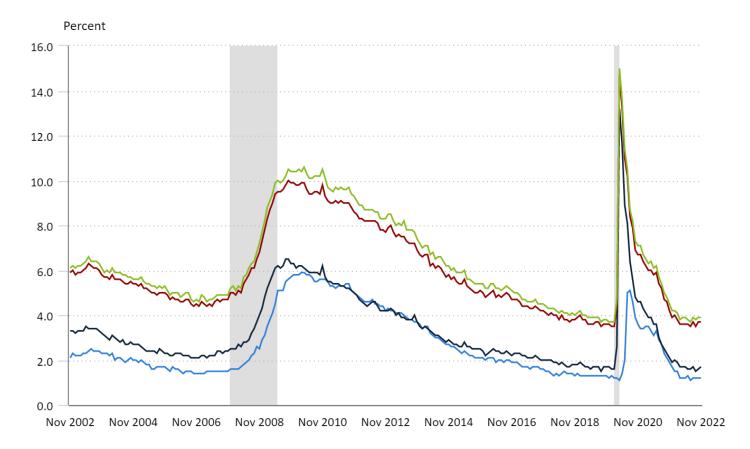


Hover over chart to view data.



Click and drag within the chart to zoom in on time periods

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force
- U-3, total unemployed, as a percent of the civilian labor force (official unemployment rate)
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers, as a percent of the civilian labor force plus all marginally attached workers
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers

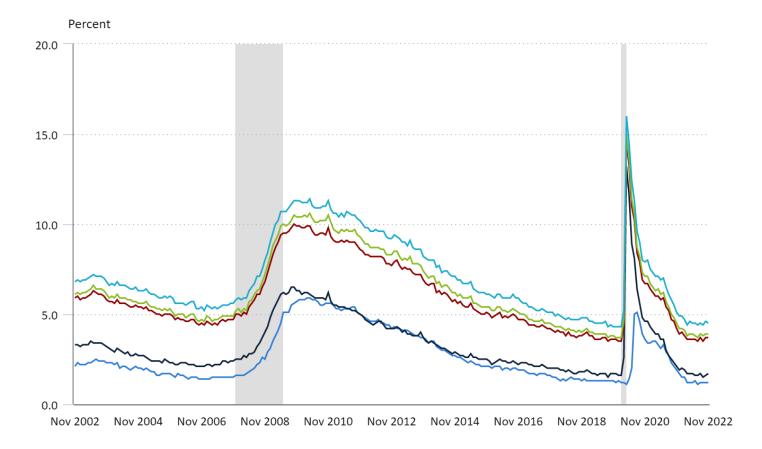


Hover over chart to view data.



Click and drag within the chart to zoom in on time periods

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force
- U-3, total unemployed, as a percent of the civilian labor force (official unemployment rate)
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers, as a percent of the civilian labor force plus all marginally attached workers
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers

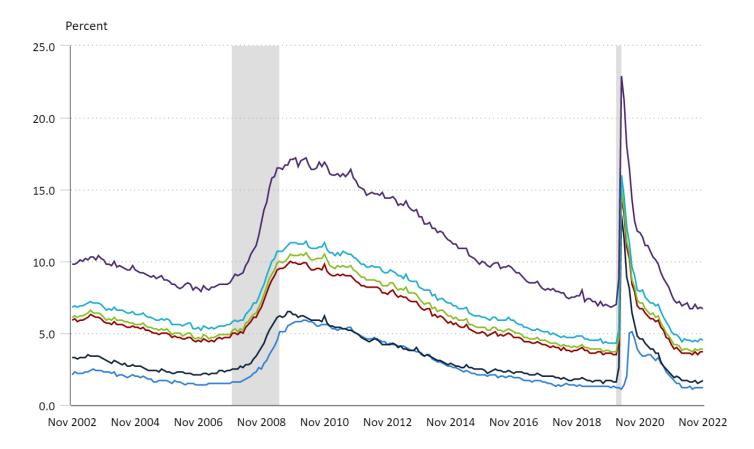


Hover over chart to view data.



Click and drag within the chart to zoom in on time periods

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force
- U-3, total unemployed, as a percent of the civilian labor force (official unemployment rate)
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers, as a percent of the civilian labor force plus all marginally attached workers
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers

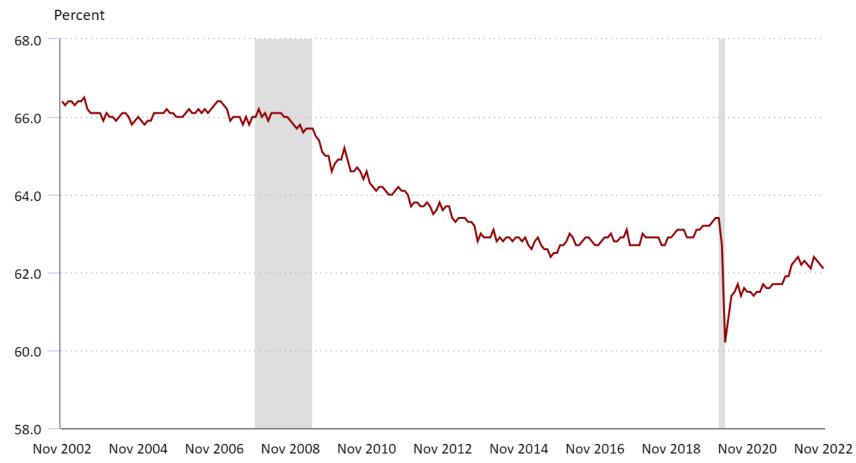


Hover over chart to view data.



Click and drag within the chart to zoom in on time periods





Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



Nov 2006 Nov 2008 Nov 2010 Nov 2012 Nov 2014 Nov 2016 Nov 2018 Nov 2020 Nov 2022

Hover over chart to view data.

Nov 2002

55.0

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

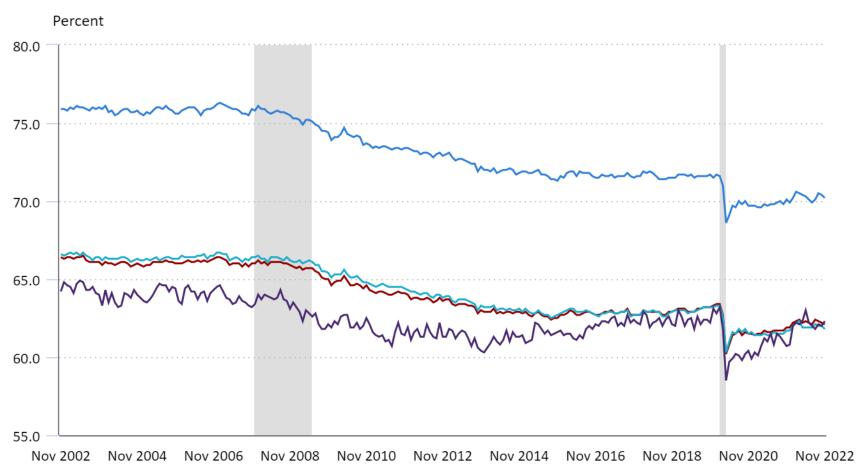
Source: U.S. Bureau of Labor Statistics.

Nov 2004



Click and drag within the chart to zoom in on time periods





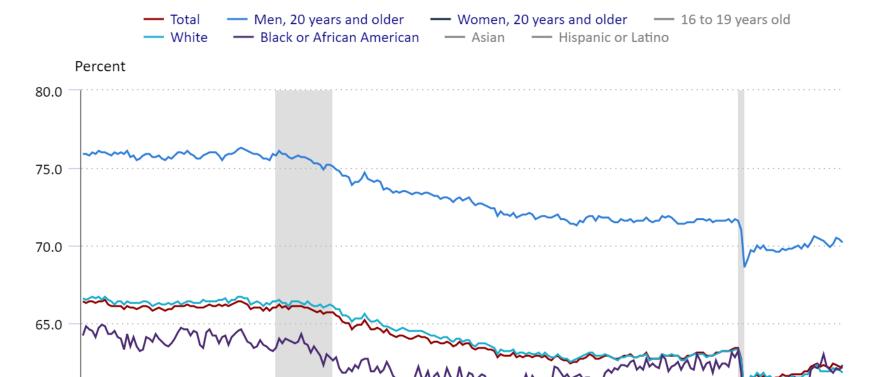
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



Nov 2010 Nov 2012 Nov 2014 Nov 2016

Hover over chart to view data.

Nov 2002

60.0

55.0

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Nov 2008

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Nov 2006

Source: U.S. Bureau of Labor Statistics.

Nov 2004

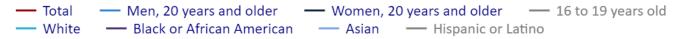


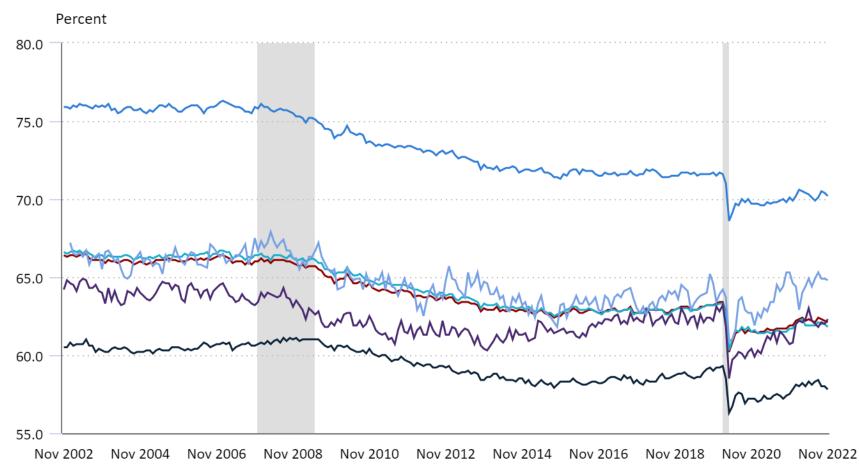
Nov 2022

Nov 2018

Nov 2020

Click and drag within the chart to zoom in on time periods





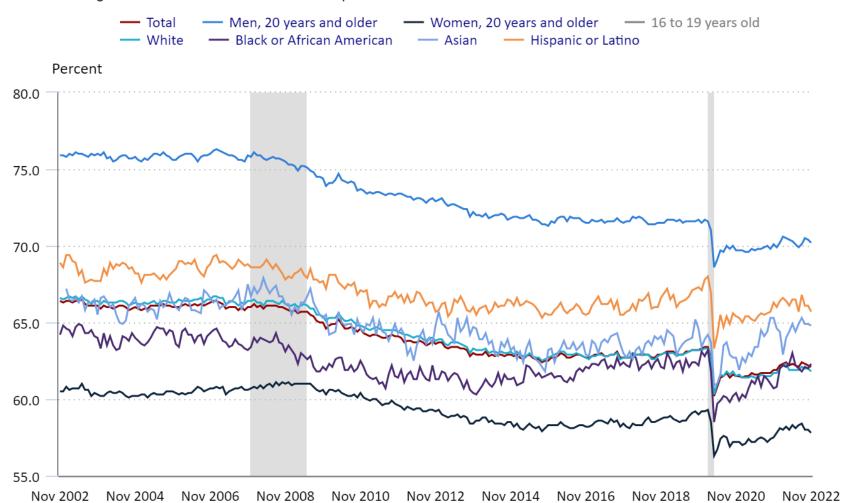
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



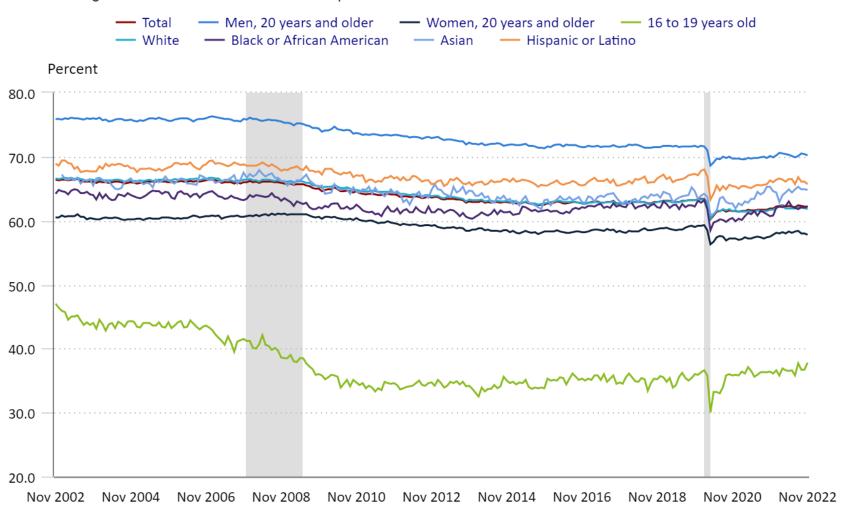
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



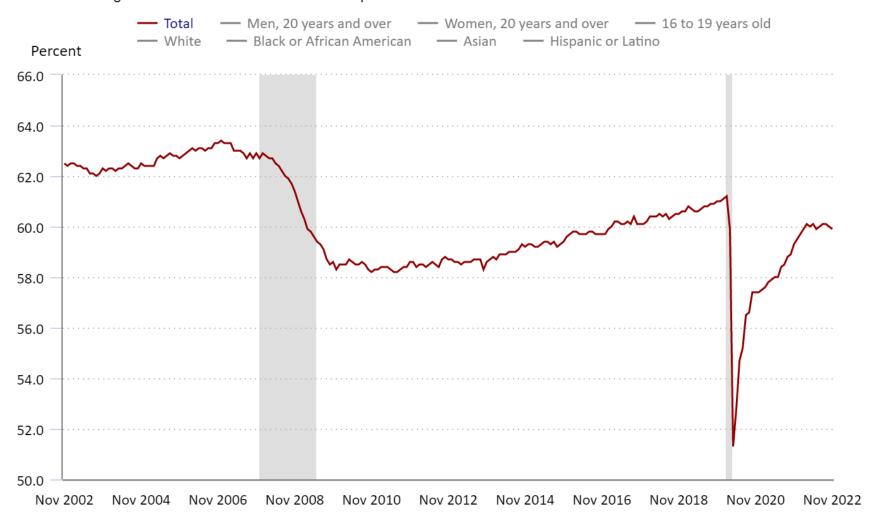
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



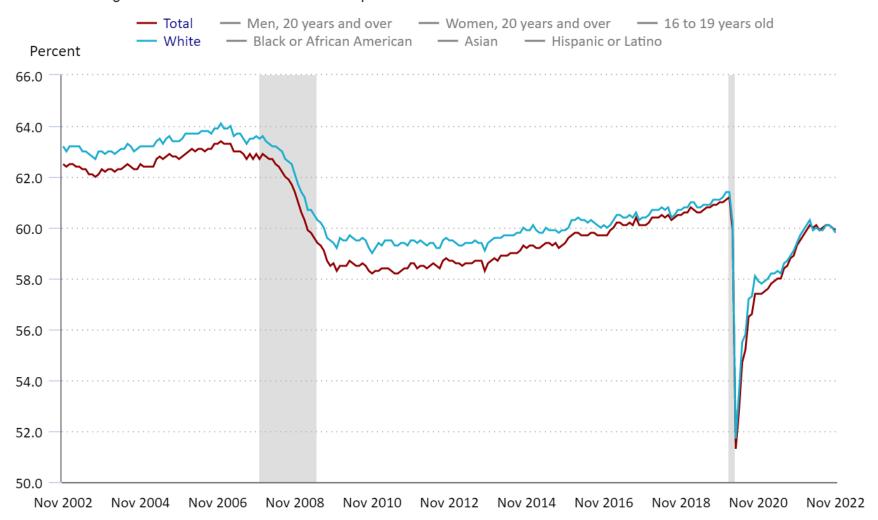
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



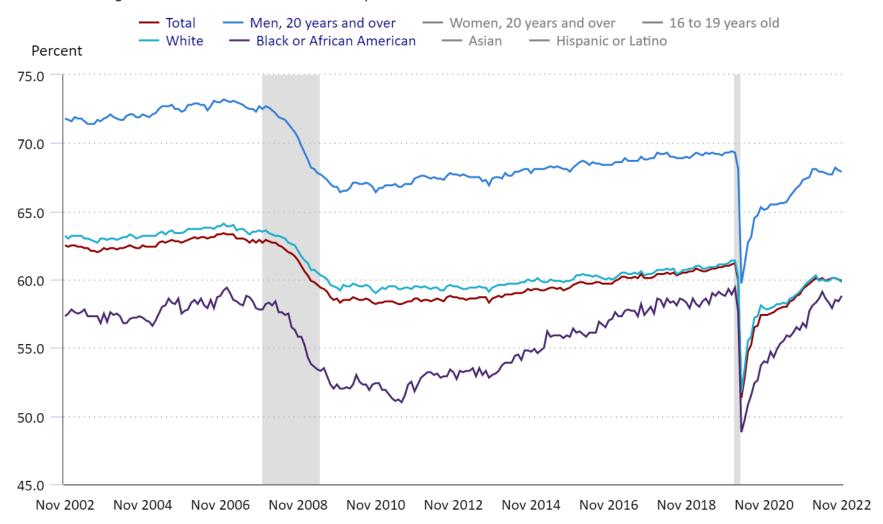
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



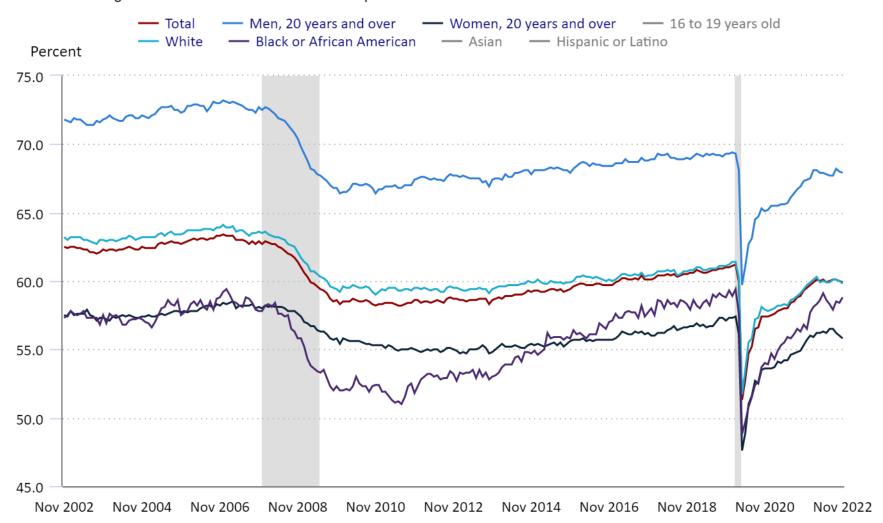
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



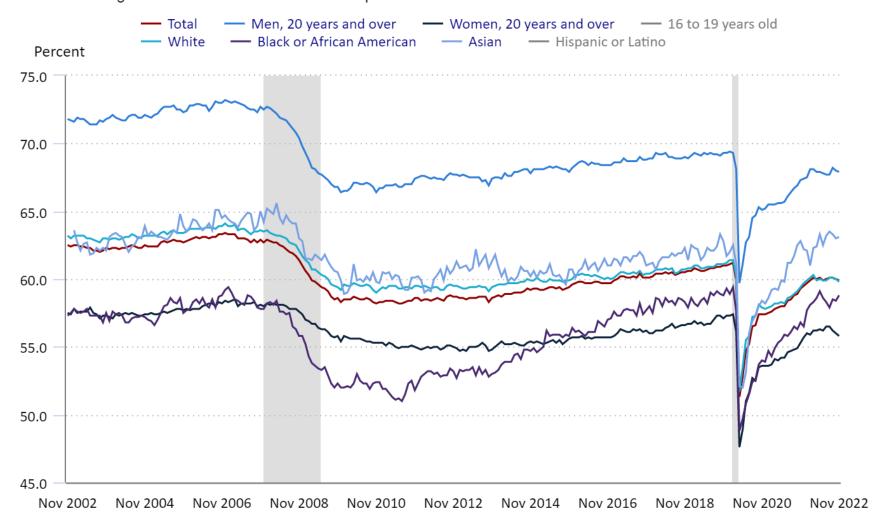
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



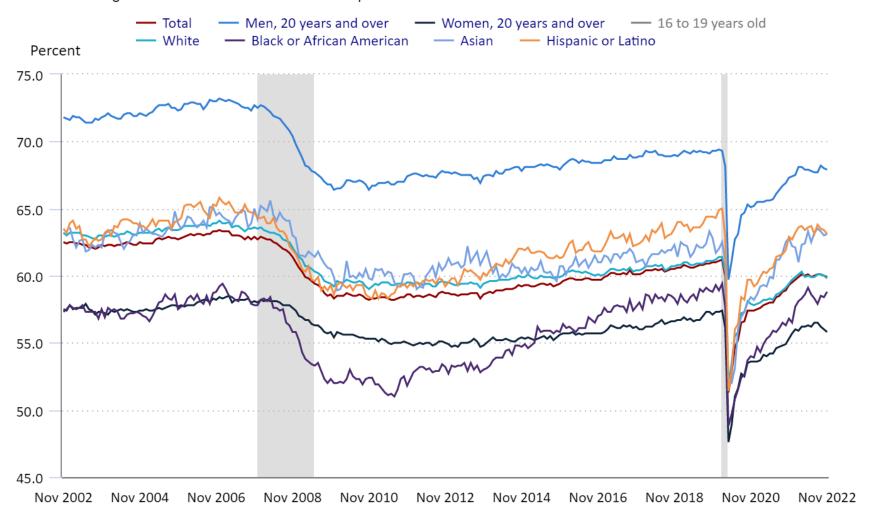
Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.



Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

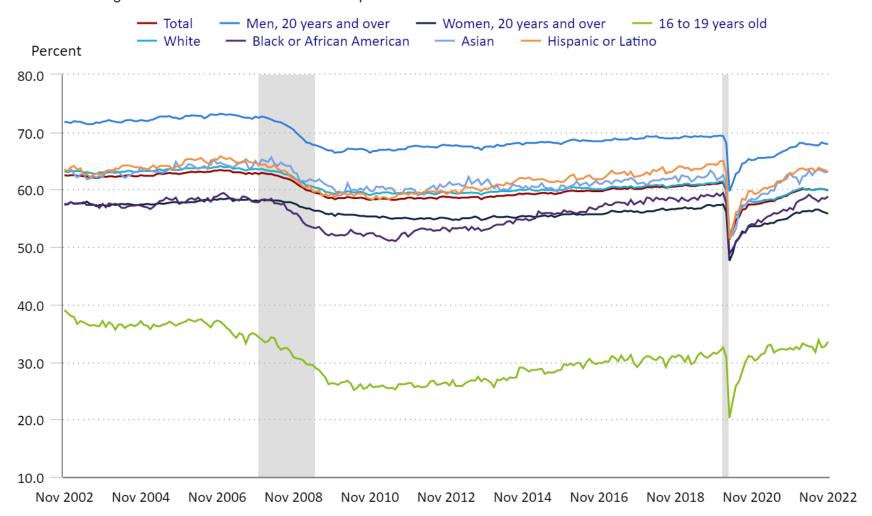
Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

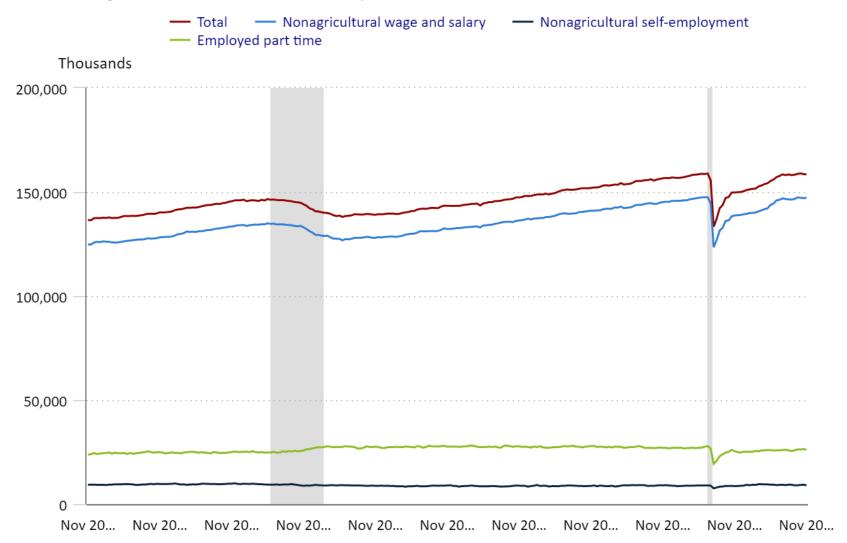
Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Source: U.S. Bureau of Labor Statistics.



## Civilian employment, seasonally adjusted

Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.



## Persons not in the labor force who want a job, seasonally adjusted

Click and drag within the chart to zoom in on time periods

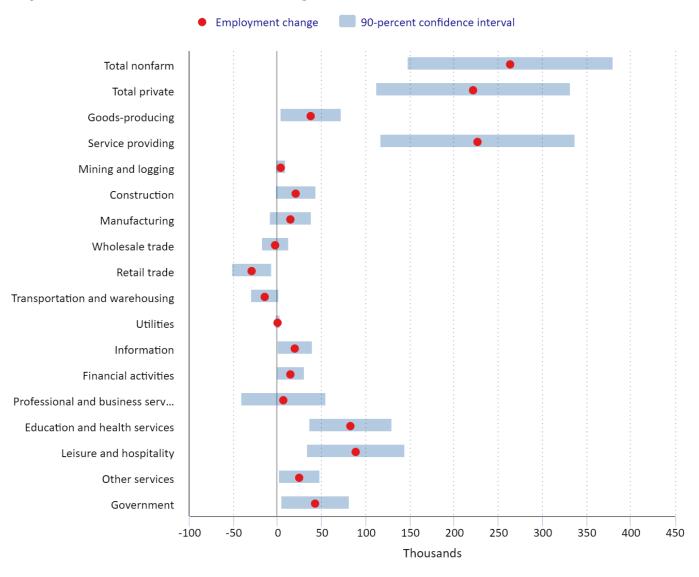


Hover over chart to view data.



# **Establishment Survey Data**

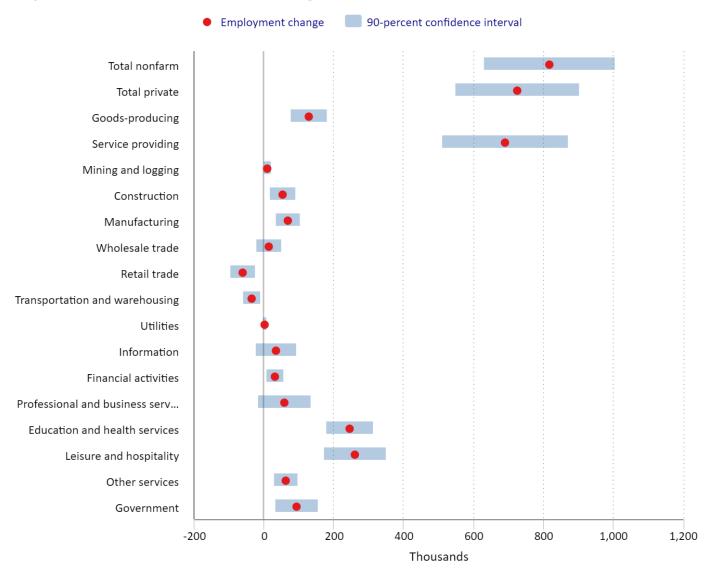
## Employment change by industry with confidence intervals, November 2022, seasonally adjusted, in thousands, 1-month net change



Hover over chart to view data.



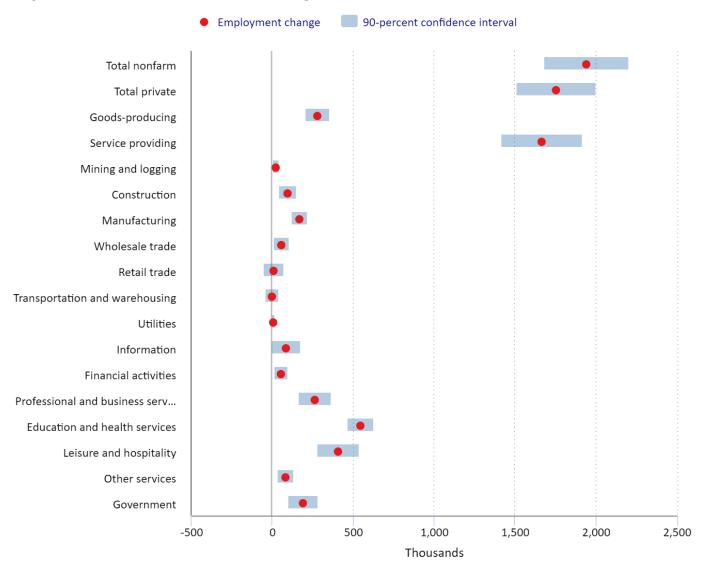
## Employment change by industry with confidence intervals, November 2022, seasonally adjusted, in thousands, 3-month net change



Hover over chart to view data.



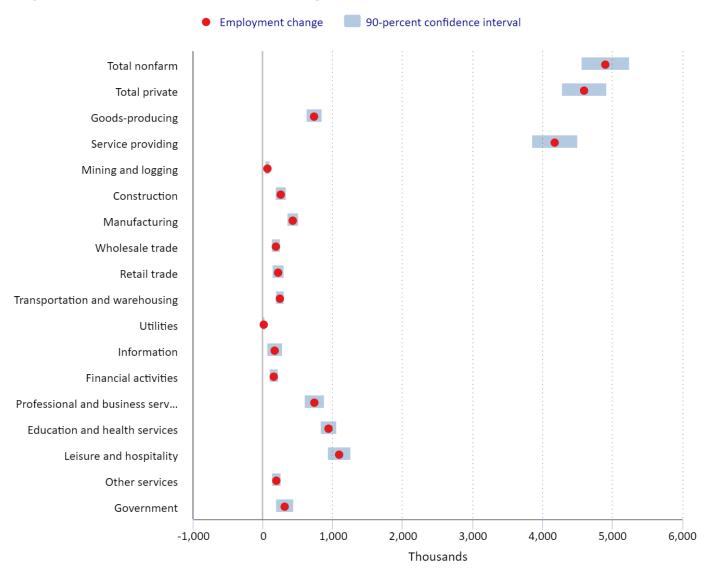
## Employment change by industry with confidence intervals, November 2022, seasonally adjusted, in thousands, 6-month net change



Hover over chart to view data.



## Employment change by industry with confidence intervals, November 2022, seasonally adjusted, in thousands, 12-month net change



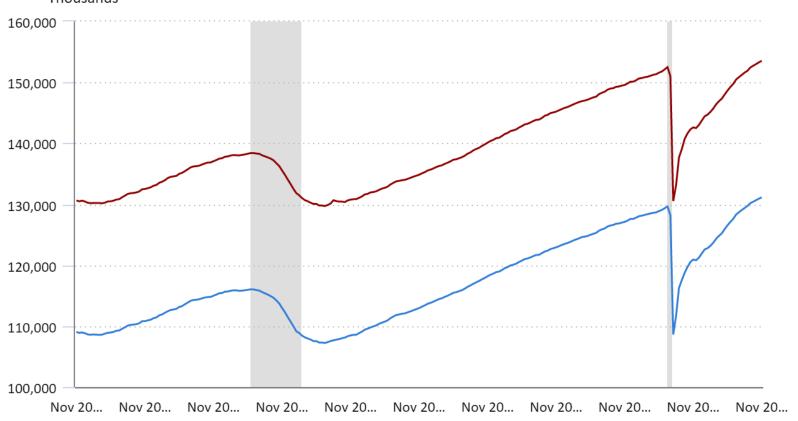
Hover over chart to view data.



Click and drag inside chart to change dates displayed



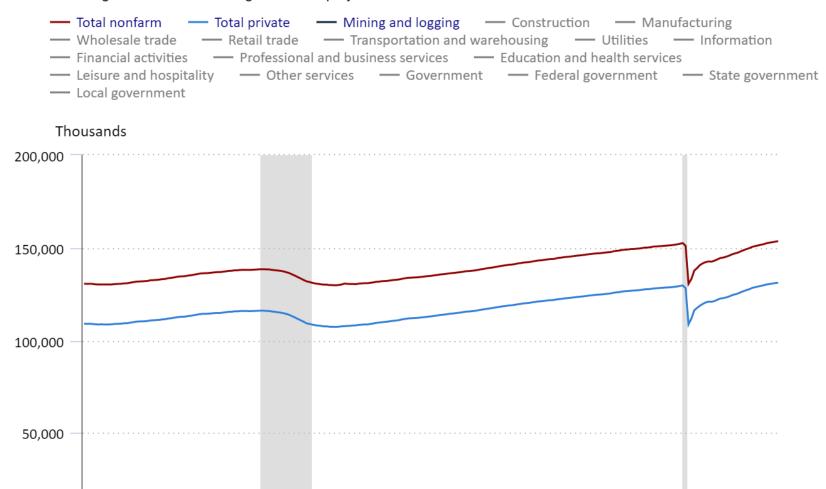
#### Thousands



Hover over chart to view data.



Click and drag inside chart to change dates displayed

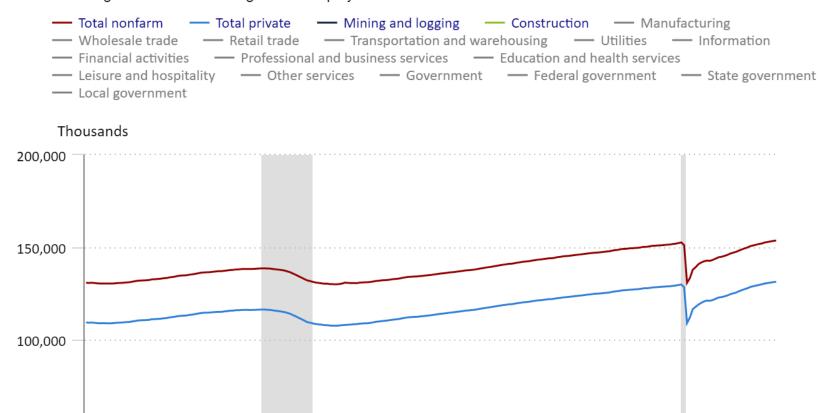


Nov 20... Nov 20...

Hover over chart to view data.



Click and drag inside chart to change dates displayed



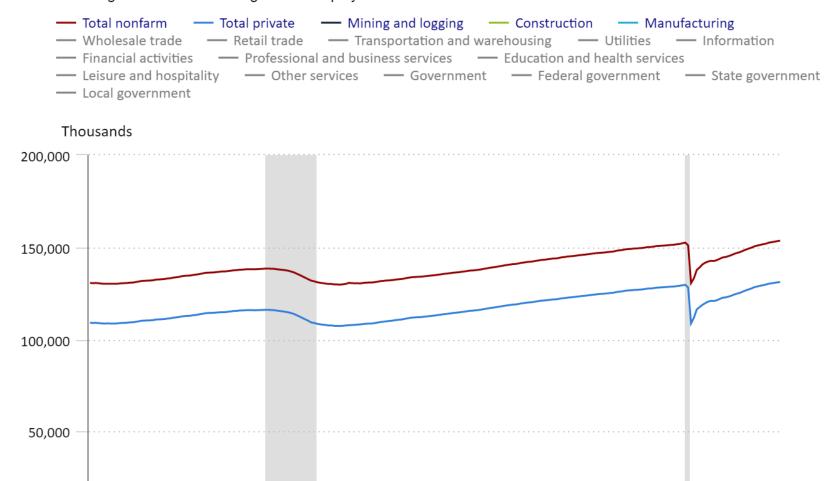
Nov 20... Nov 20...

Hover over chart to view data.

50,000



Click and drag inside chart to change dates displayed



Nov 20... Nov 20...

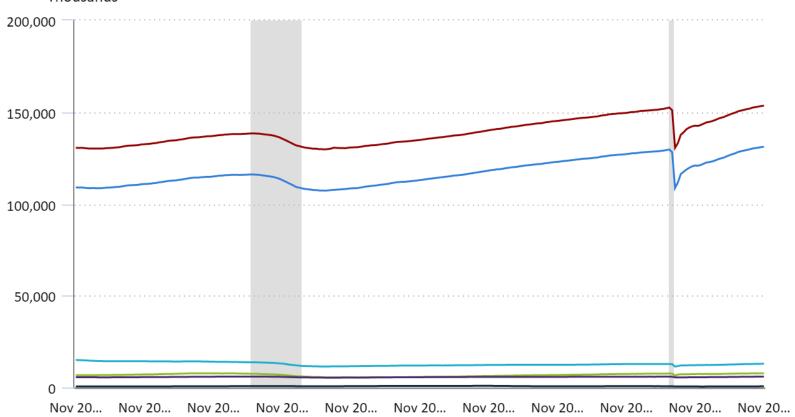
Hover over chart to view data.



Click and drag inside chart to change dates displayed



#### Thousands

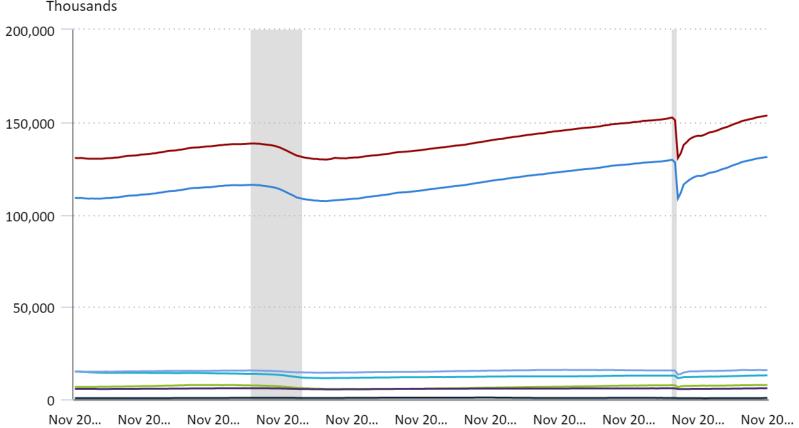


Hover over chart to view data.



Click and drag inside chart to change dates displayed

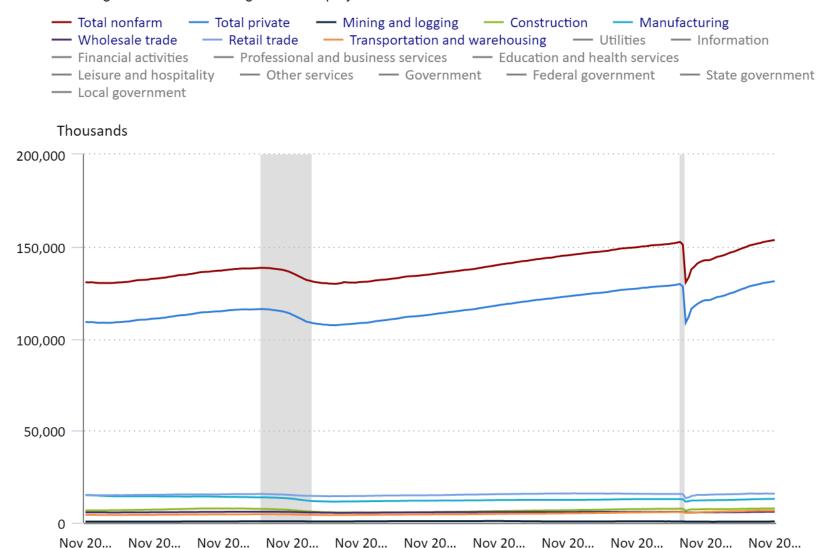




Hover over chart to view data.



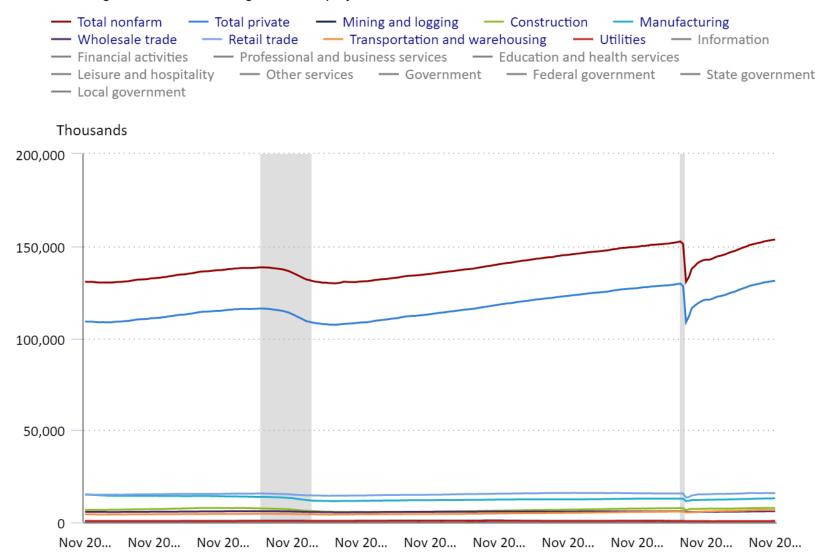
Click and drag inside chart to change dates displayed



Hover over chart to view data.



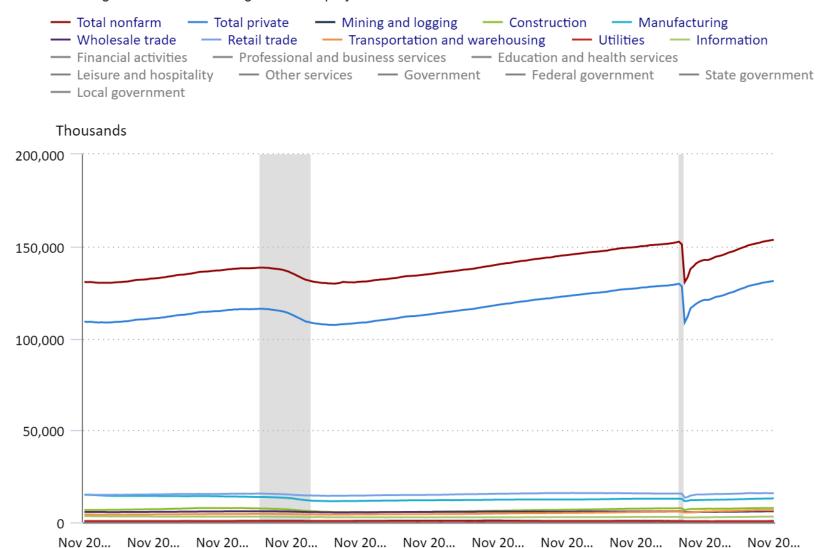
Click and drag inside chart to change dates displayed



Hover over chart to view data.



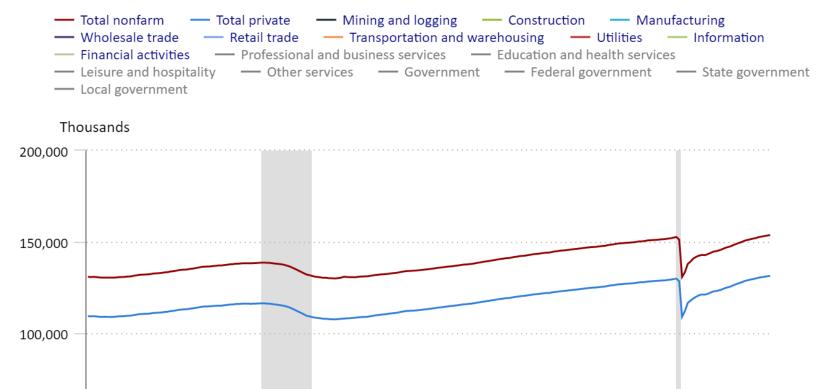
Click and drag inside chart to change dates displayed



Hover over chart to view data.



Click and drag inside chart to change dates displayed



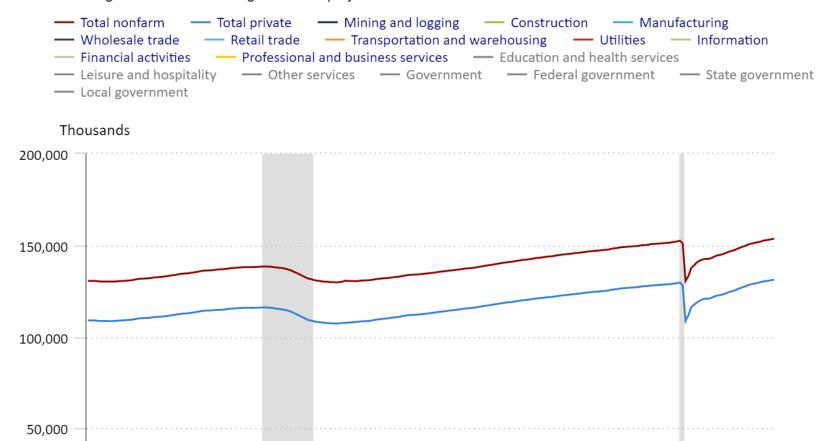
Nov 20... Nov 20...

Hover over chart to view data.

50,000



Click and drag inside chart to change dates displayed



Nov 20... Nov 20...

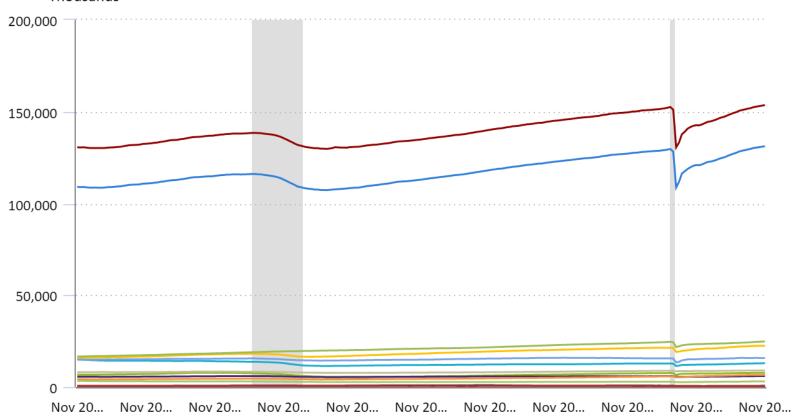
Hover over chart to view data.



Click and drag inside chart to change dates displayed



#### Thousands



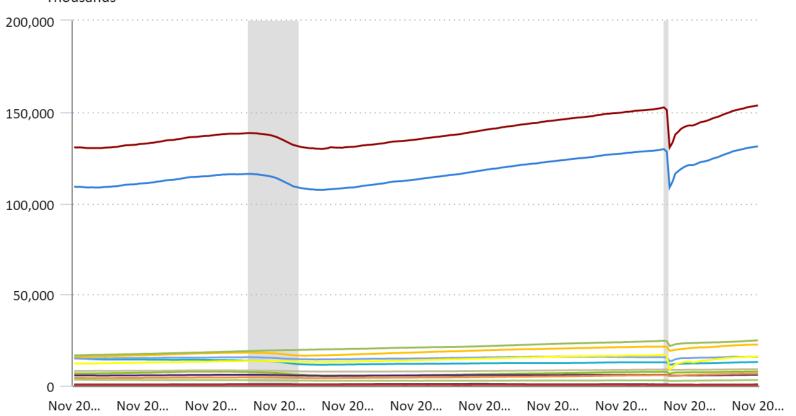
Hover over chart to view data.



Click and drag inside chart to change dates displayed



#### Thousands



Hover over chart to view data.

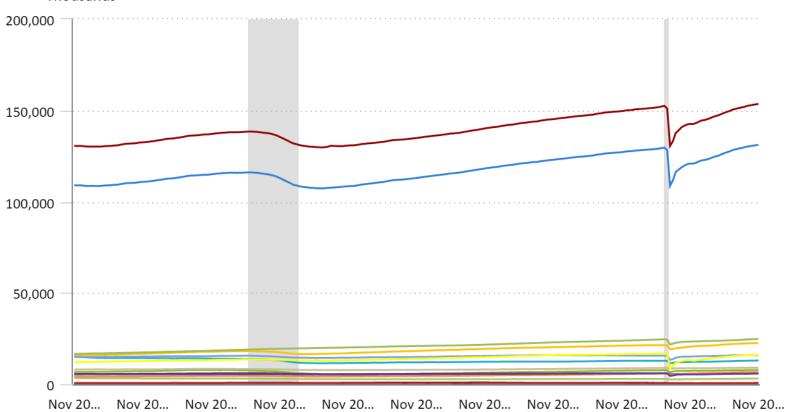
Note: Shaded areas represent recessions, as determined by the National Bureau of Economic Research. Source: U.S. Bureau of Labor Statistics.



Click and drag inside chart to change dates displayed



#### Thousands



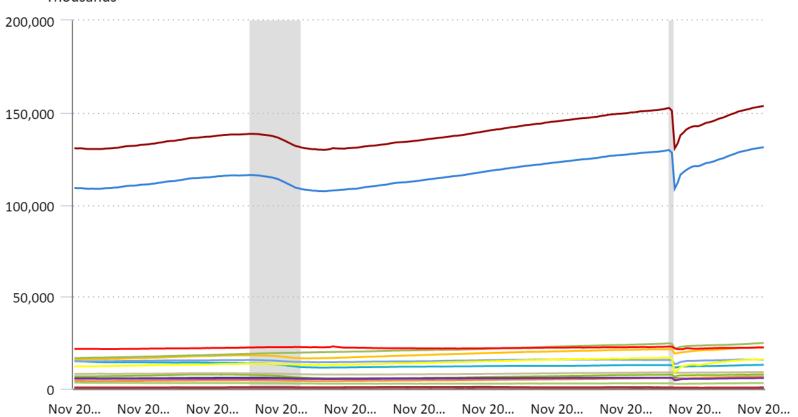
Hover over chart to view data.



Click and drag inside chart to change dates displayed



#### Thousands



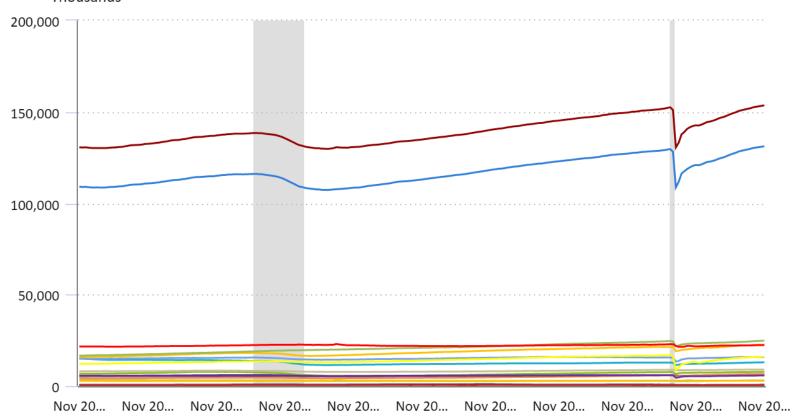
Hover over chart to view data.



Click and drag inside chart to change dates displayed



#### Thousands



Hover over chart to view data.

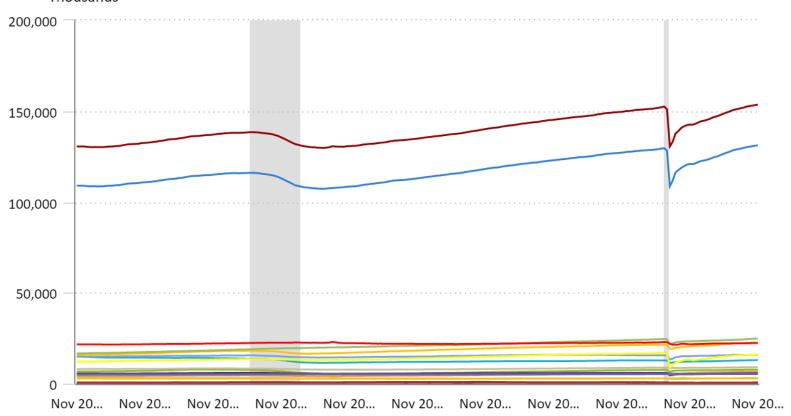
Note: Shaded areas represent recessions, as determined by the National Bureau of Economic Research. Source: U.S. Bureau of Labor Statistics.



Click and drag inside chart to change dates displayed



#### Thousands



Hover over chart to view data.

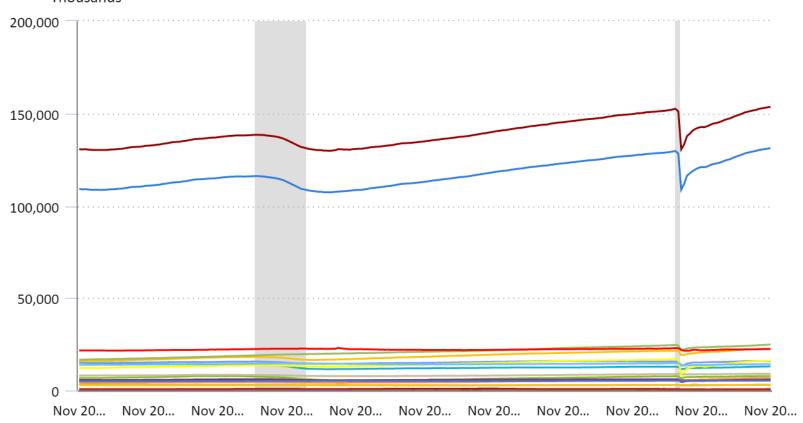
Note: Shaded areas represent recessions, as determined by the National Bureau of Economic Research.



Click and drag inside chart to change dates displayed



#### Thousands

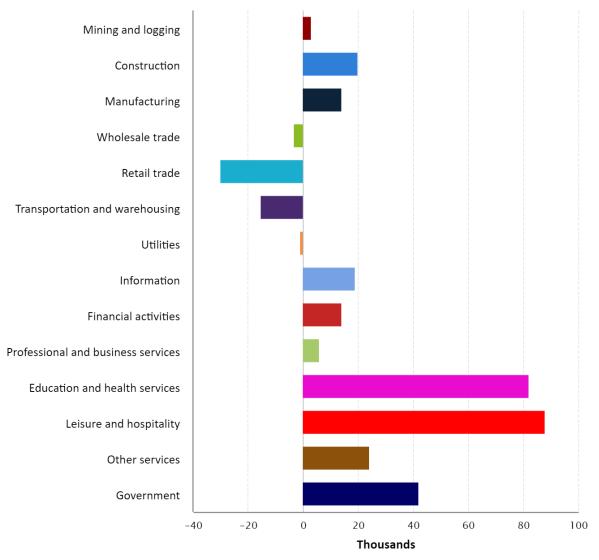


Hover over chart to view data.



Click on bars to drill down

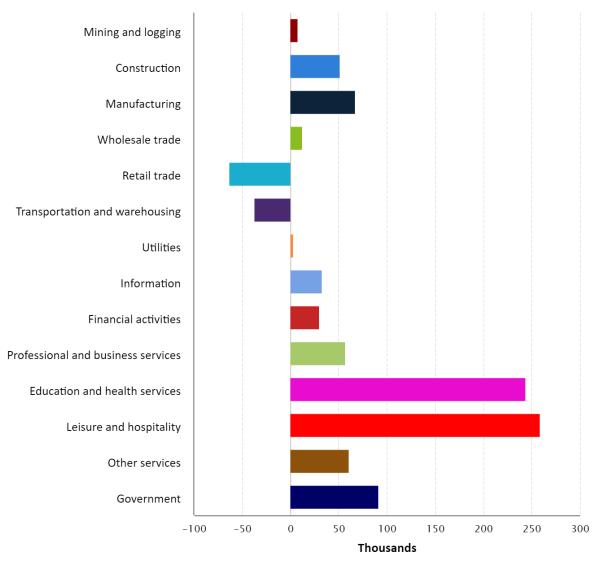
#### Sector





Click on bars to drill down

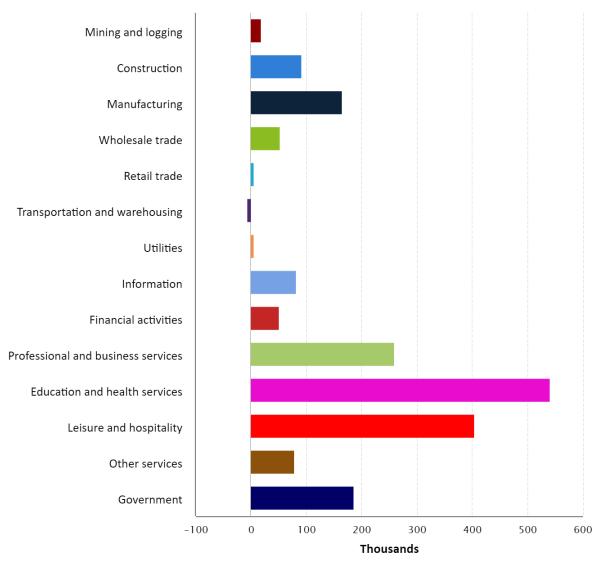
#### Sector





Click on bars to drill down

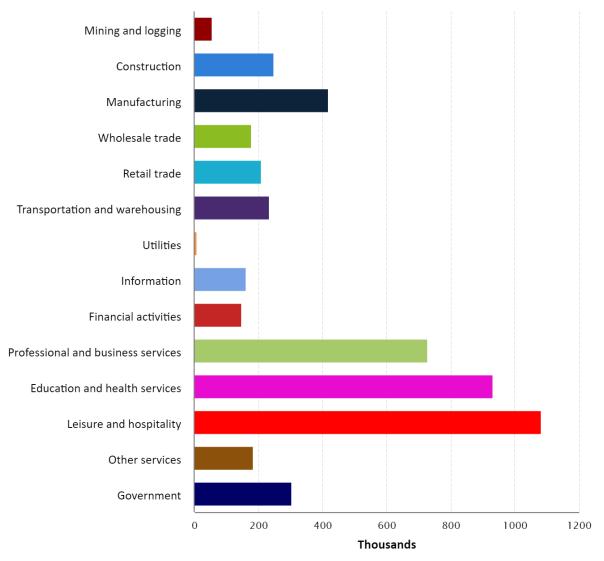
#### Sector





Click on bars to drill down

#### Sector



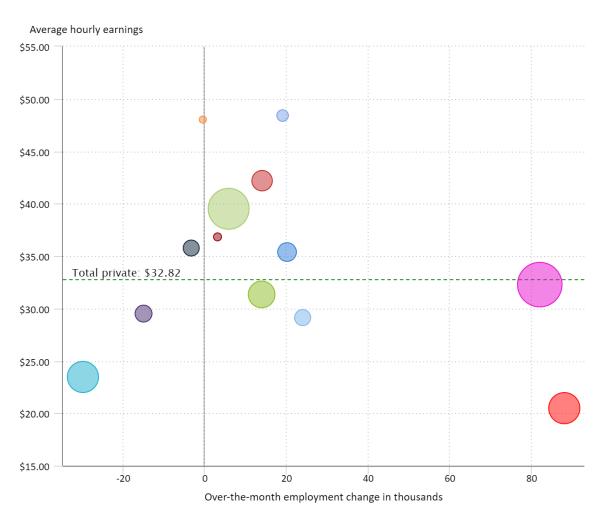
1

Heckman

# Employment and average hourly earnings by industry for all employees, November 2022, seasonally adjusted

Bubble size represents employment level in thousands





Hover over chart to view data. Source: U.S. Bureau of Labor Statistics.

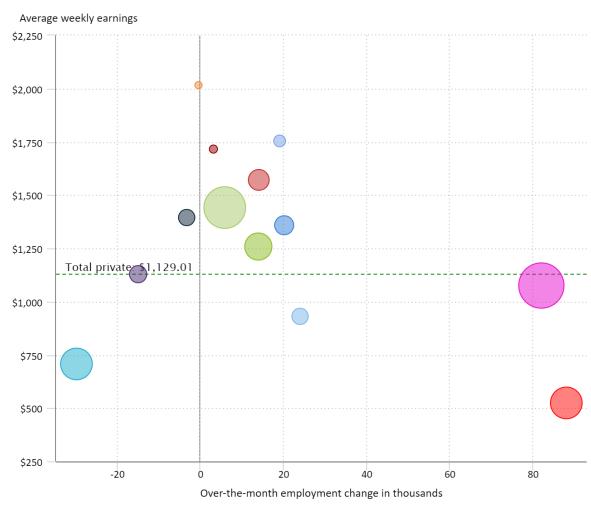


Heckman

# Employment and average weekly earnings by industry for all employees, November 2022, seasonally adjusted

Bubble size represents employment level in thousands

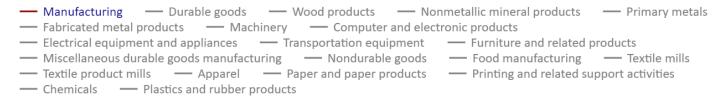




Hover over chart to view data. Source: U.S. Bureau of Labor Statistics.



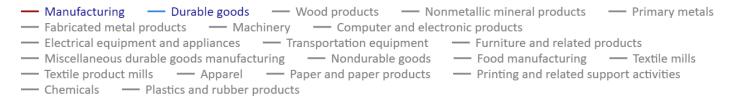
Click and drag inside chart to change dates displayed

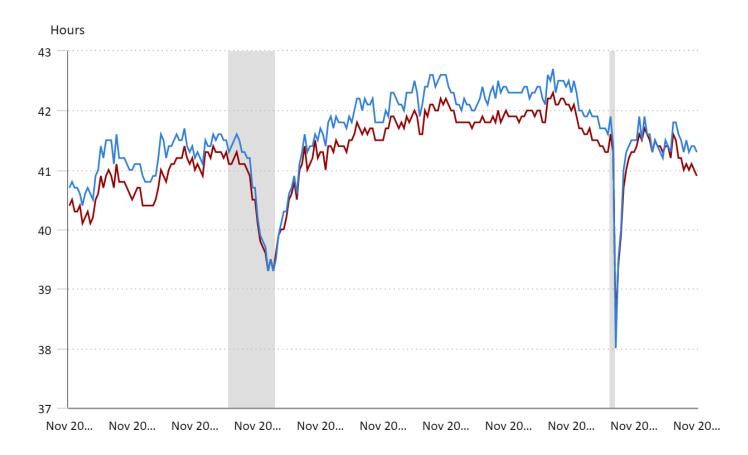






Click and drag inside chart to change dates displayed





Hover over chart to view data.

Note: Shaded areas represent recessions, as determined by the National Bureau of Economic Research. Source: U.S. Bureau of Labor Statistics.



Heckman

Click and drag inside chart to change dates displayed

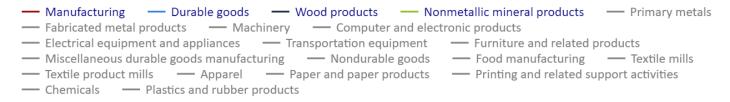
_	Manufacturing — Durable goods — Wood products —	Nonmetallic mineral products — Primary metal
_	Fabricated metal products — Machinery — Computer and e	lectronic products
_	Electrical equipment and appliances — Transportation equipment	<ul> <li>Furniture and related products</li> </ul>
_	Miscellaneous durable goods manufacturing — Nondurable good	s — Food manufacturing — Textile mills
_	Textile product mills — Apparel — Paper and paper product	<ul> <li>Printing and related support activities</li> </ul>
_	Chemicals — Plastics and rubber products	



Hover over chart to view data.



Click and drag inside chart to change dates displayed





Hover over chart to view data.

Note: Shaded areas represent recessions, as determined by the National Bureau of Economic Research. Source: U.S. Bureau of Labor Statistics.



Heckman

Click and drag inside chart to change dates displayed





Hover over chart to view data.

Note: Shaded areas represent recessions, as determined by the National Bureau of Economic Research.

Source: U.S. Bureau of Labor Statistics.



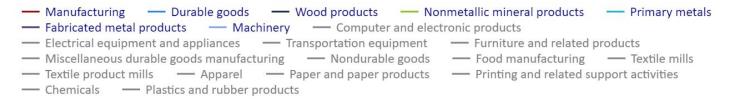
Click and drag inside chart to change dates displayed







Click and drag inside chart to change dates displayed





Hover over chart to view data.



Click and drag inside chart to change dates displayed

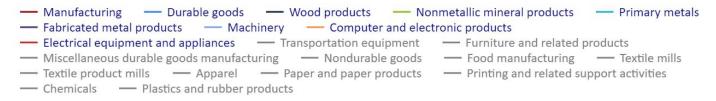


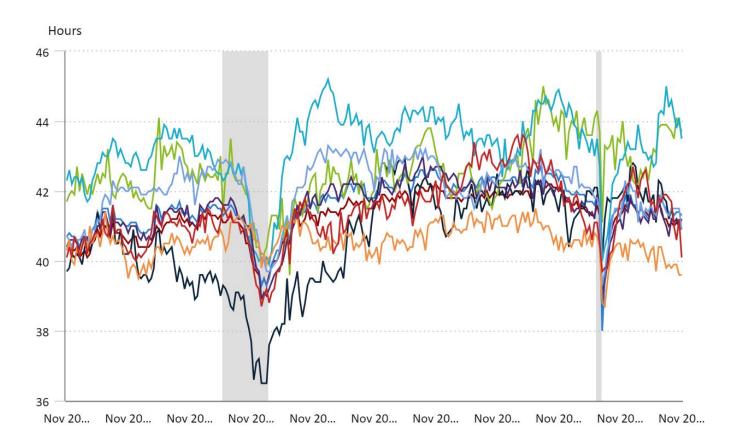


Hover over chart to view data.



Click and drag inside chart to change dates displayed



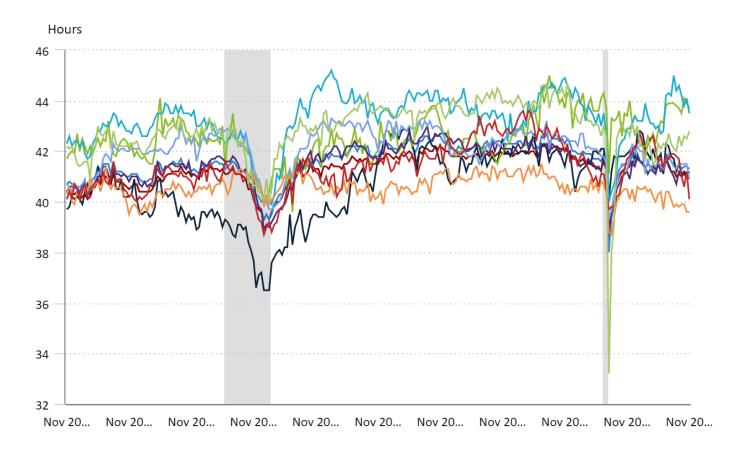


Hover over chart to view data.



Click and drag inside chart to change dates displayed

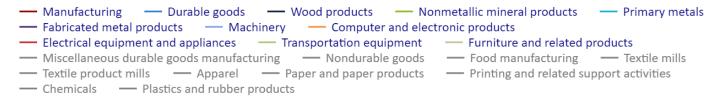


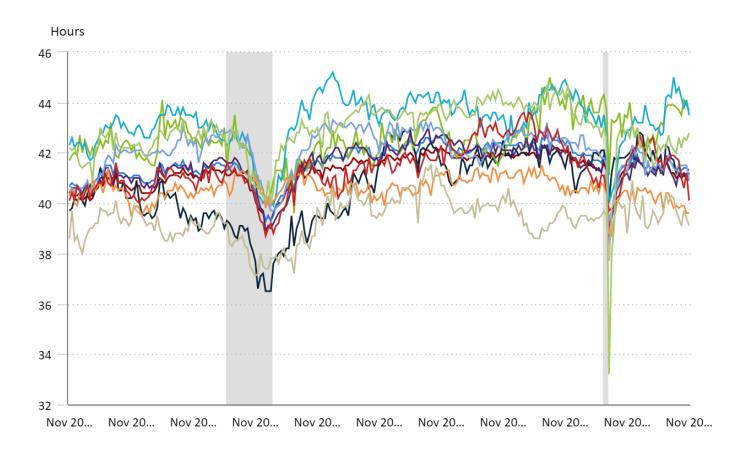


Hover over chart to view data.



Click and drag inside chart to change dates displayed



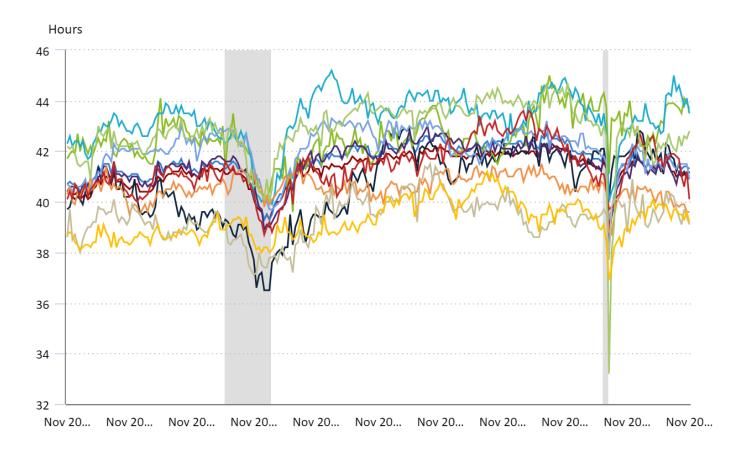


Hover over chart to view data.



Click and drag inside chart to change dates displayed

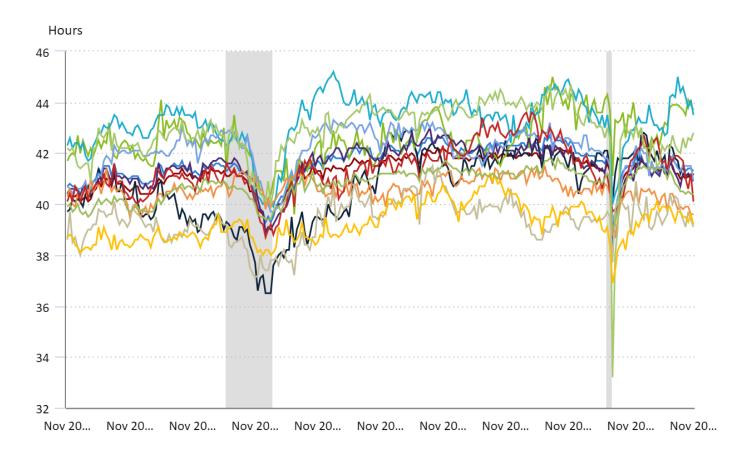






Click and drag inside chart to change dates displayed



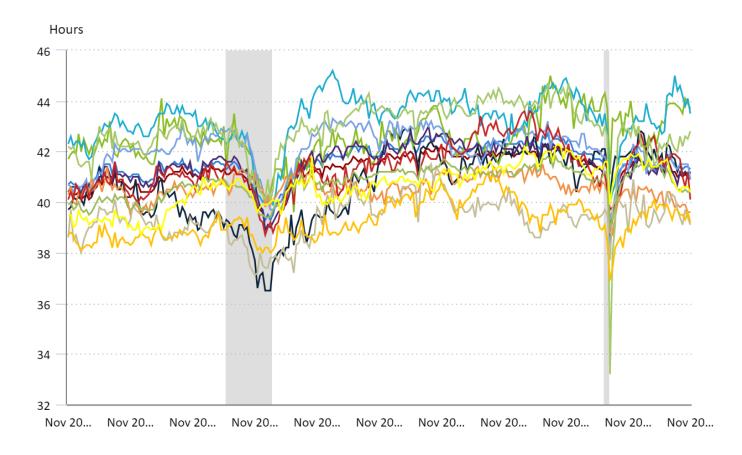


Hover over chart to view data.



Click and drag inside chart to change dates displayed



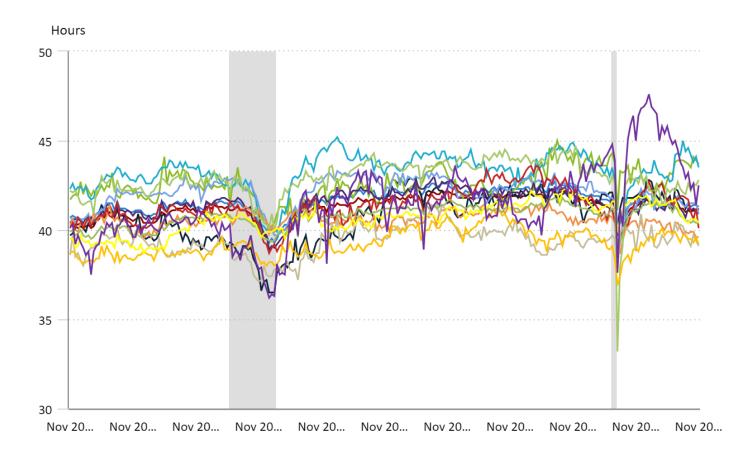


Hover over chart to view data.



Click and drag inside chart to change dates displayed



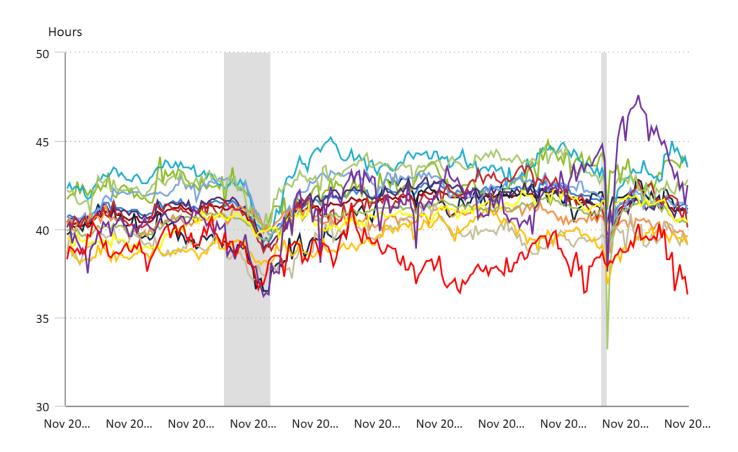


Hover over chart to view data.



Click and drag inside chart to change dates displayed



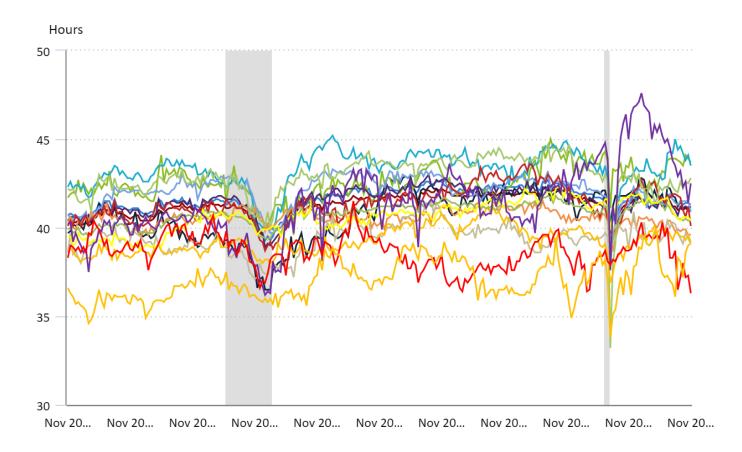


Hover over chart to view data.



Click and drag inside chart to change dates displayed

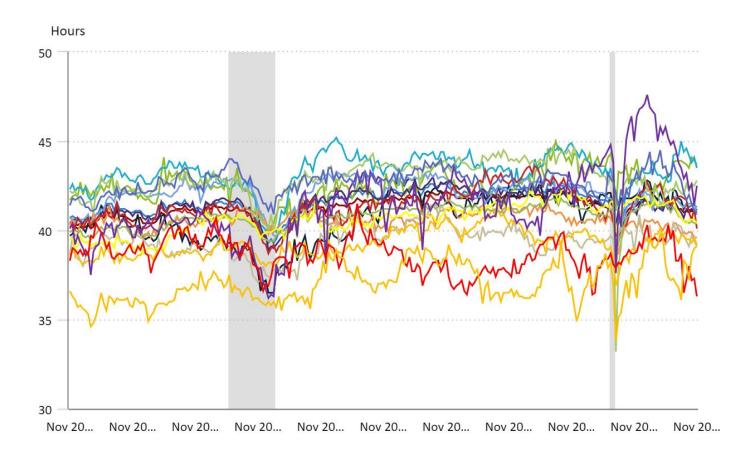






Click and drag inside chart to change dates displayed



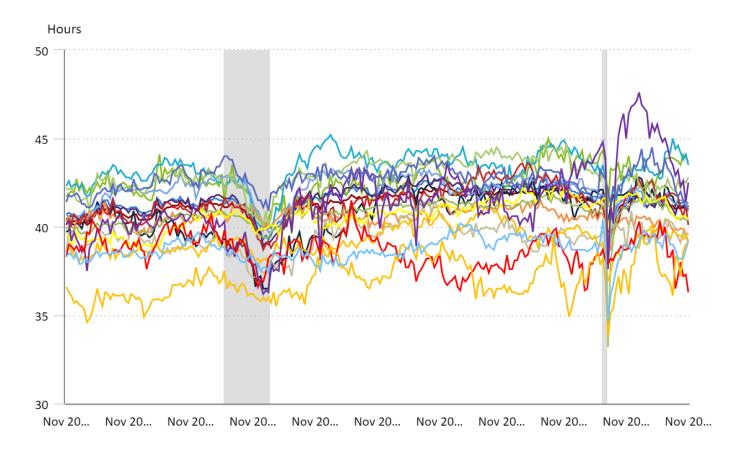


Hover over chart to view data.



Click and drag inside chart to change dates displayed





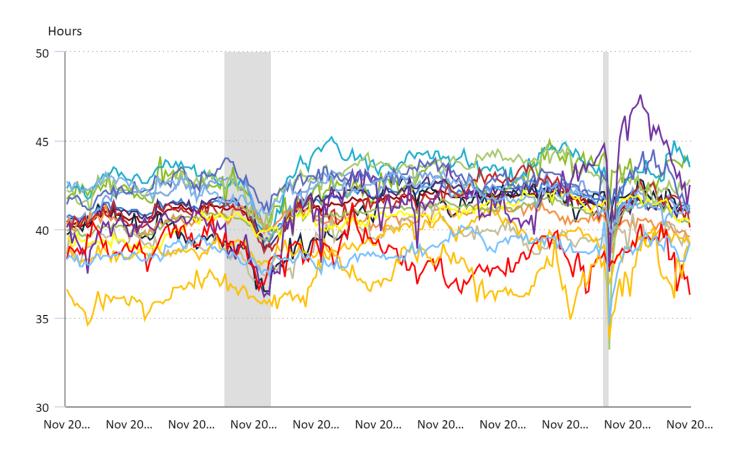
Hover over chart to view data. Note: Shaded areas represent recessions, as determined by the National Bureau of Economic Research.



Source: U.S. Bureau of Labor Statistics.

Click and drag inside chart to change dates displayed







Click and drag inside chart to change dates displayed



