Universal Mind™

Pearson

MyEconLab

Unemployment Interactive: Visual Designs

Prepared by Anna Geurink

Unemployment

Level 1

PEARSON

Unemployment: Are you Unemployed?

Each month, the Bureau of Labor Statistics (BLS), a unit of the U.S. Department of Labor, conducts a survey of households known as the Current Population Survey.

The survey's goal is to provide the data necessary to effectively analyze the labor characteristics of the U.S. population as well as the health of the United States economy.

Each month, the BLS releases reports summarizing the findings of the Current Population Survey. The statistics included in these reports, particularly the unemployment rate, receive widespread media coverage.

Next

PEARSON

Unemployment: Overview

Throughout this interactive, you will be working as an employee of the Bureau of Labor Statistics (BLS) and will be asked to complete the following tasks:

Level 1: Recognize

Determine the employment status of a group of individuals based on their survey responses.

Level 2: Calculate

Calculate employment statistics using data from Level 1, and determine how these statistics would change in given scenarios.

Level 3: Analyze

Analyze trends and changes in U.S. employment data over time.

Level 4: Compare

Analyze trends and changes in U.S. employment data over time.

Next

Level 1: Recognize

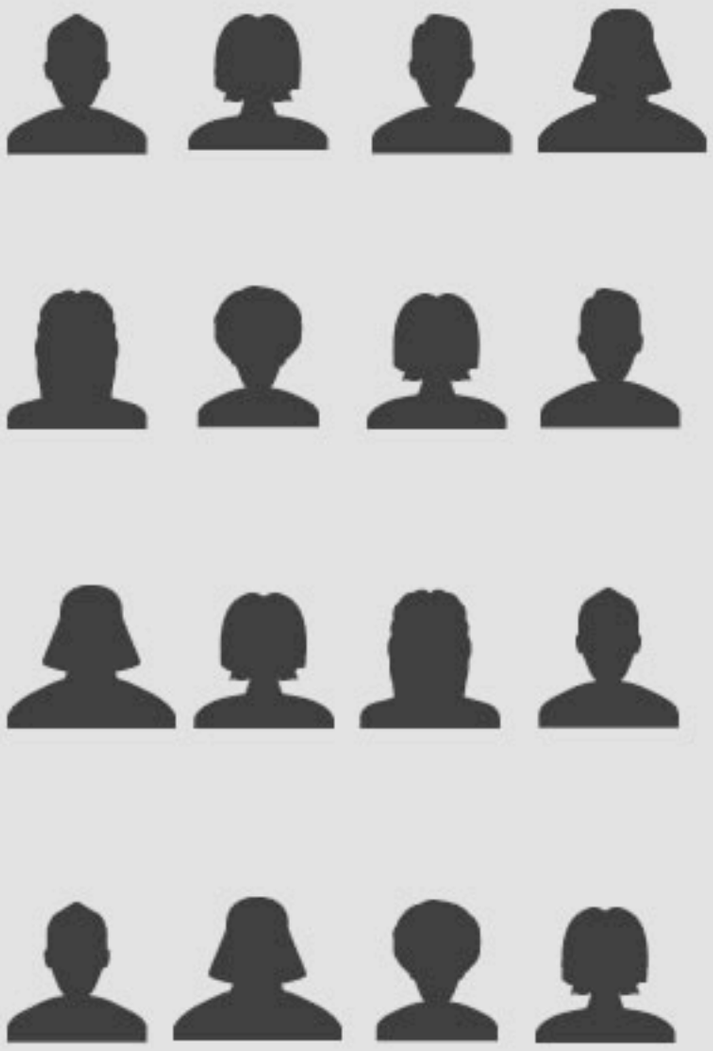
As an intern at your local branch of the Bureau of Labor Statistics, you have been randomly surveying a number of households. Your boss is now asking you to use the information you have collected to determine the employment status of the various household members.

Next

PEARSON **Unemployment** Level Score **0%** Progress 1 2 3 4 ☆

Are they unemployed?

Roll over to view information



GETTING STARTED

Determine the employment satus of the individuals on the left by dragging and dropping them into the correct category in the diagram on the right. (In Blue)

Next

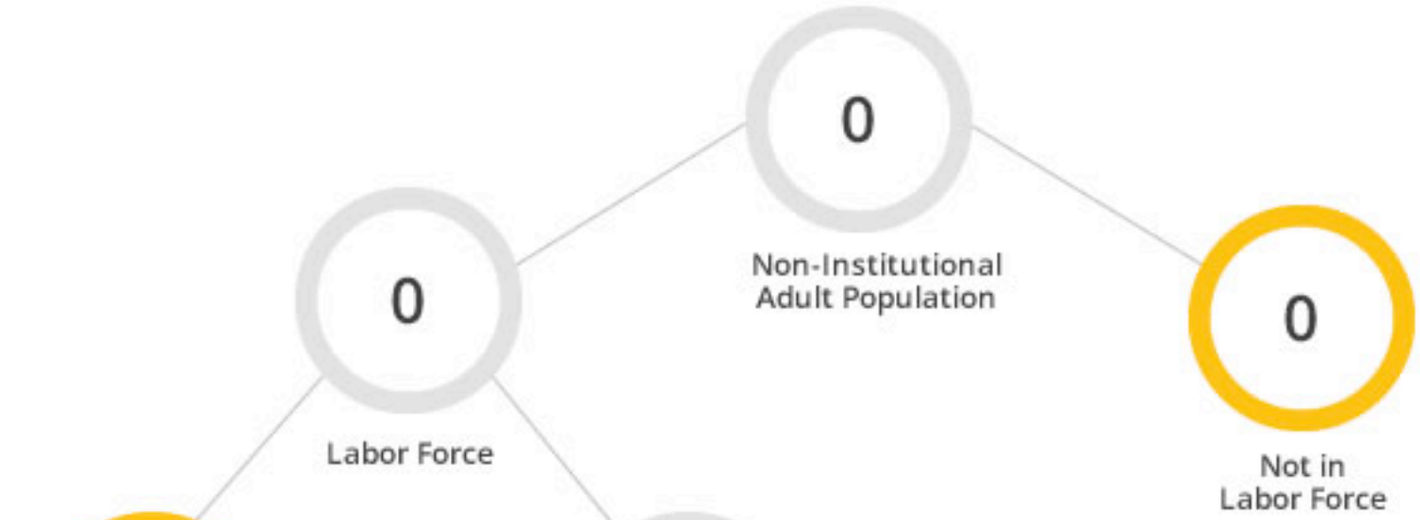
? Questions, tips and alerts will be found in this section.

PEARSON **Unemployment** Level Score **0%** Progress 1 2 3 4 ☆

Are they unemployed?

Roll over to view information

Sarah Nelson
Works 40 hours each week at the local retail shoe store.



GETTING STARTED

Roll over each individual to see how they responded to the survey

Next

? Questions, tips and alerts will be found in this section.

PEARSON **Unemployment** Level Score **0%** Progress 1 2 3 4 ☆

Are they unemployed?

Roll over to view information

0

Non-Institutiona
Adult Population

0

Labor Force

0

Frictionally
Unemployed

0

Structurally
Unemployed

GETTING STARTED

When selecting the tab, the drawer reveals additional resources for this interactive.

Next

? Questions, tips and alerts will be

Links

Link 1
Link 2
Link 3
Link 4
Link 5
Link 6
Link 7

Videos

Are they unemployed?

Roll over to view information

DEFINITION :
People who live in the United States, are older than 16, and who are not in a institution (criminal, mental, or other types of facilities) or an active duty military personnel.

Non-Institutional Adult Population

0 Labor Force

0 Not in Labor Force

0 Employed

0 Unemployed

0 Frictionally Unemployed

0 Structurally Unemployed

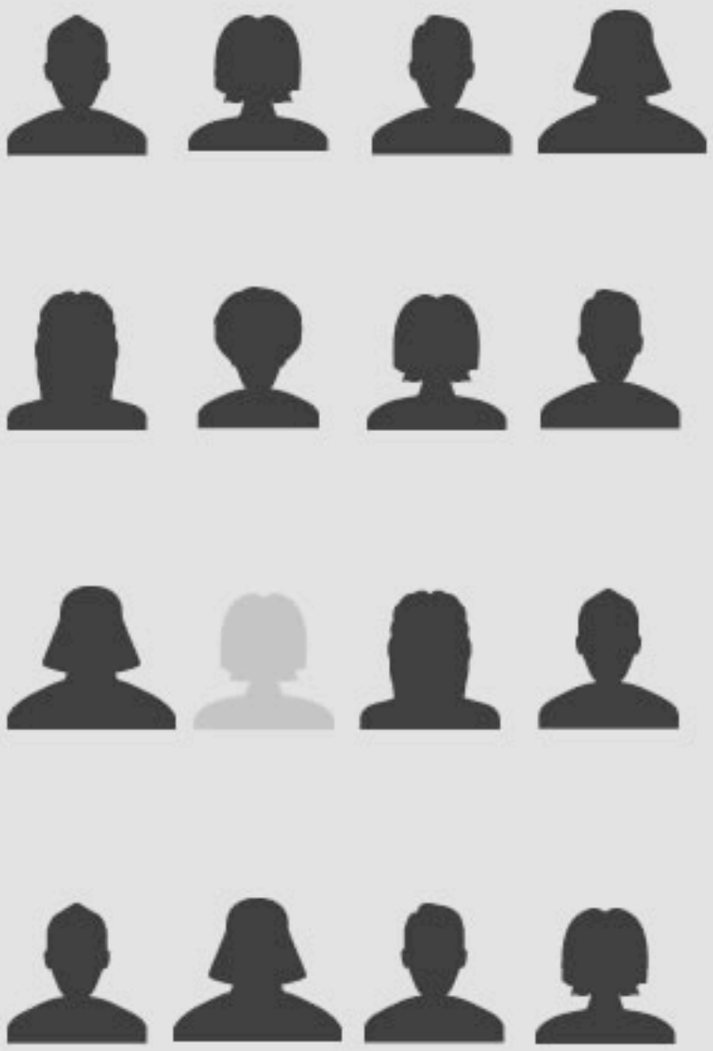
0 Cyclically Unemployed

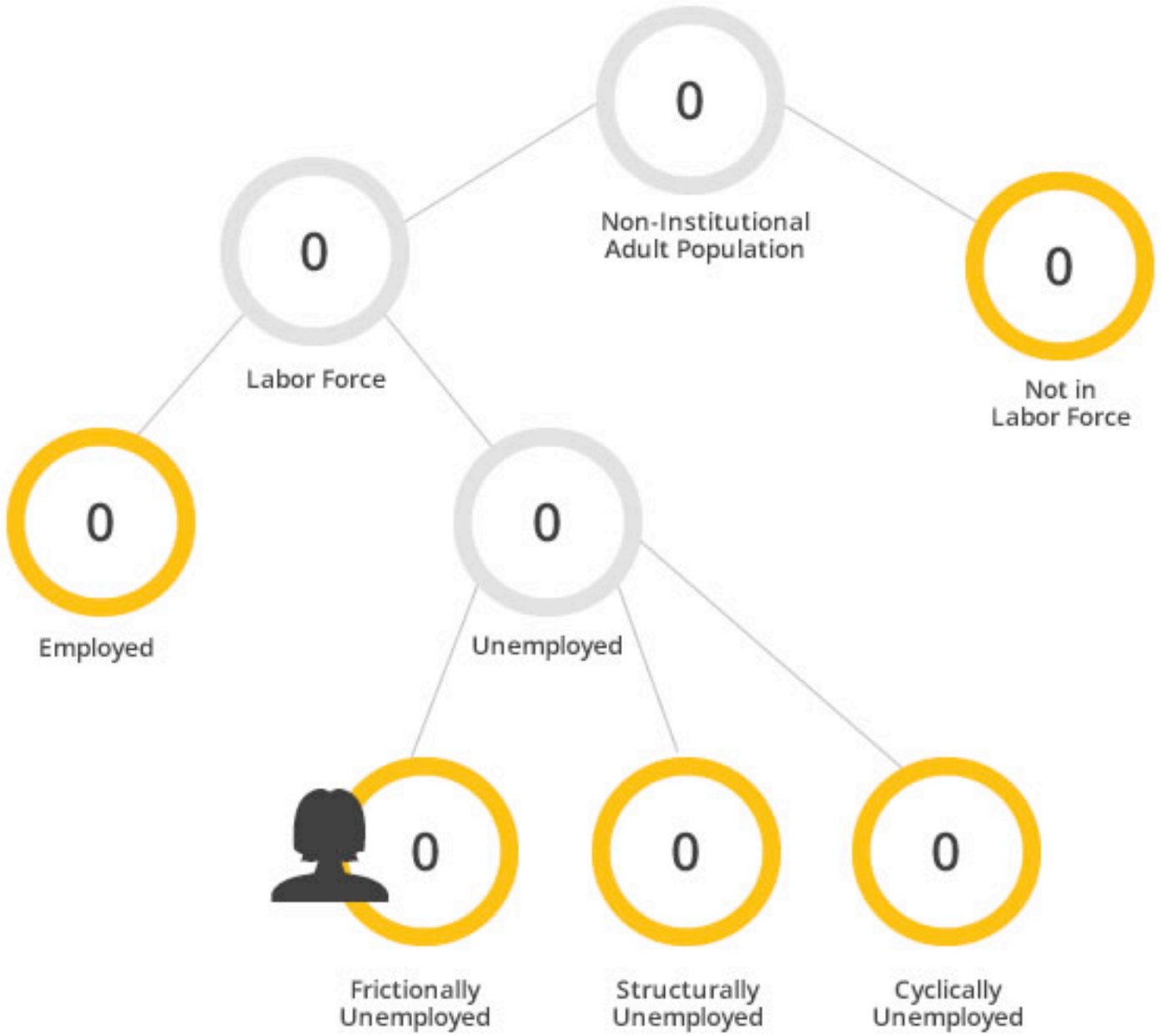
? Determine the unemployment status of the individuals on the left by dragging them to the appropriate category.

Finish

Are they unemployed?

Roll over to view information



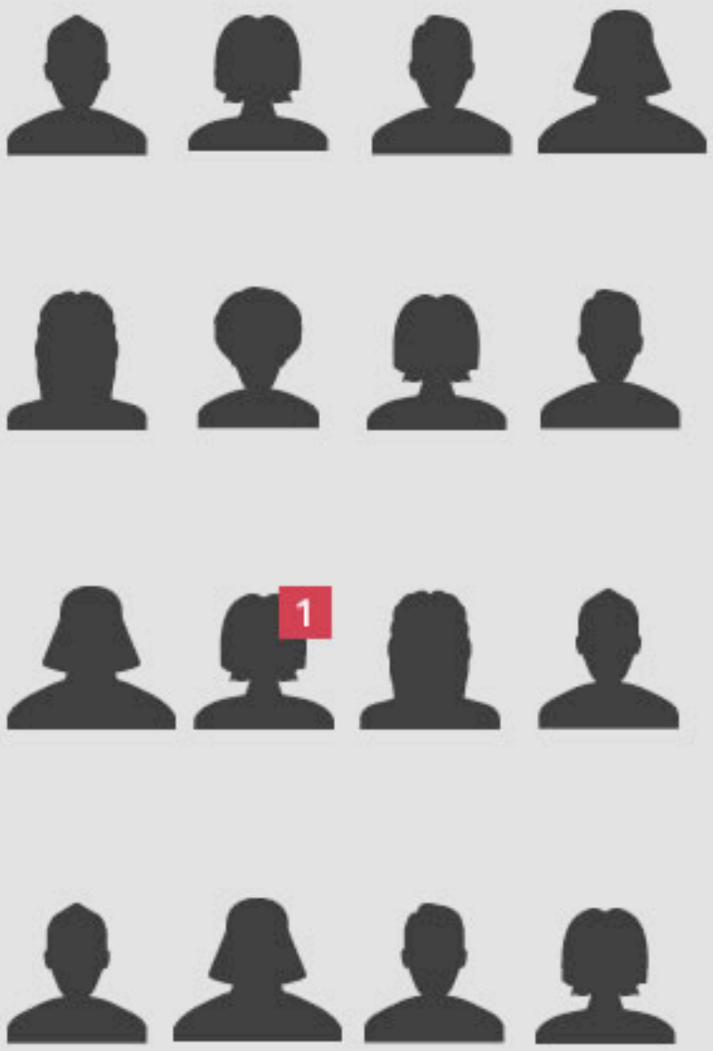


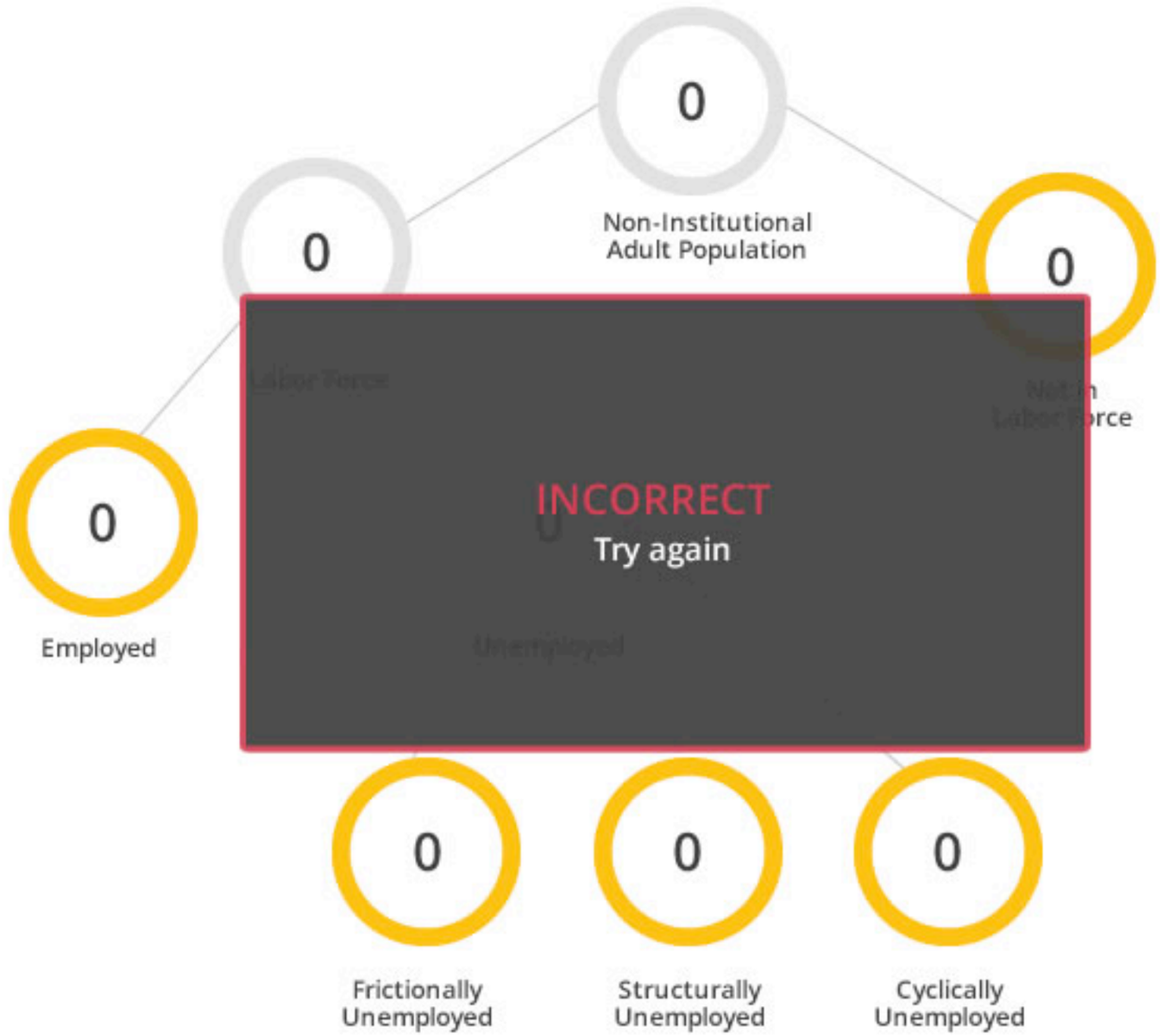
? Determine the unemployment status of the individuals on the left by dragging them to the appropriate category.

Finish

Are they unemployed?

Roll over to view information



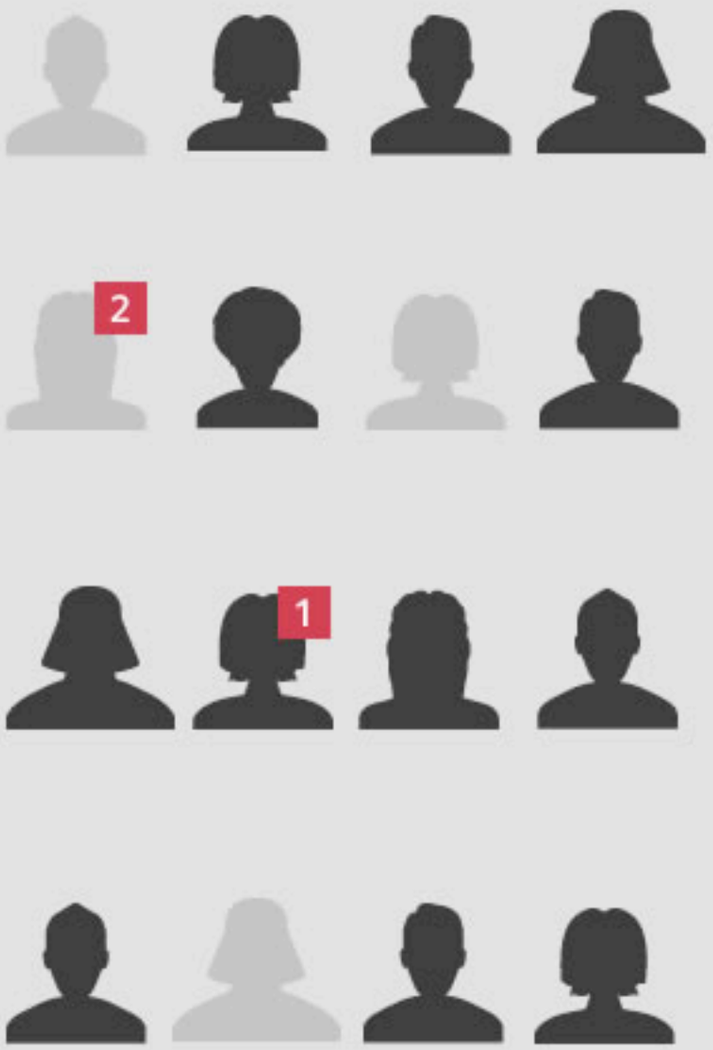


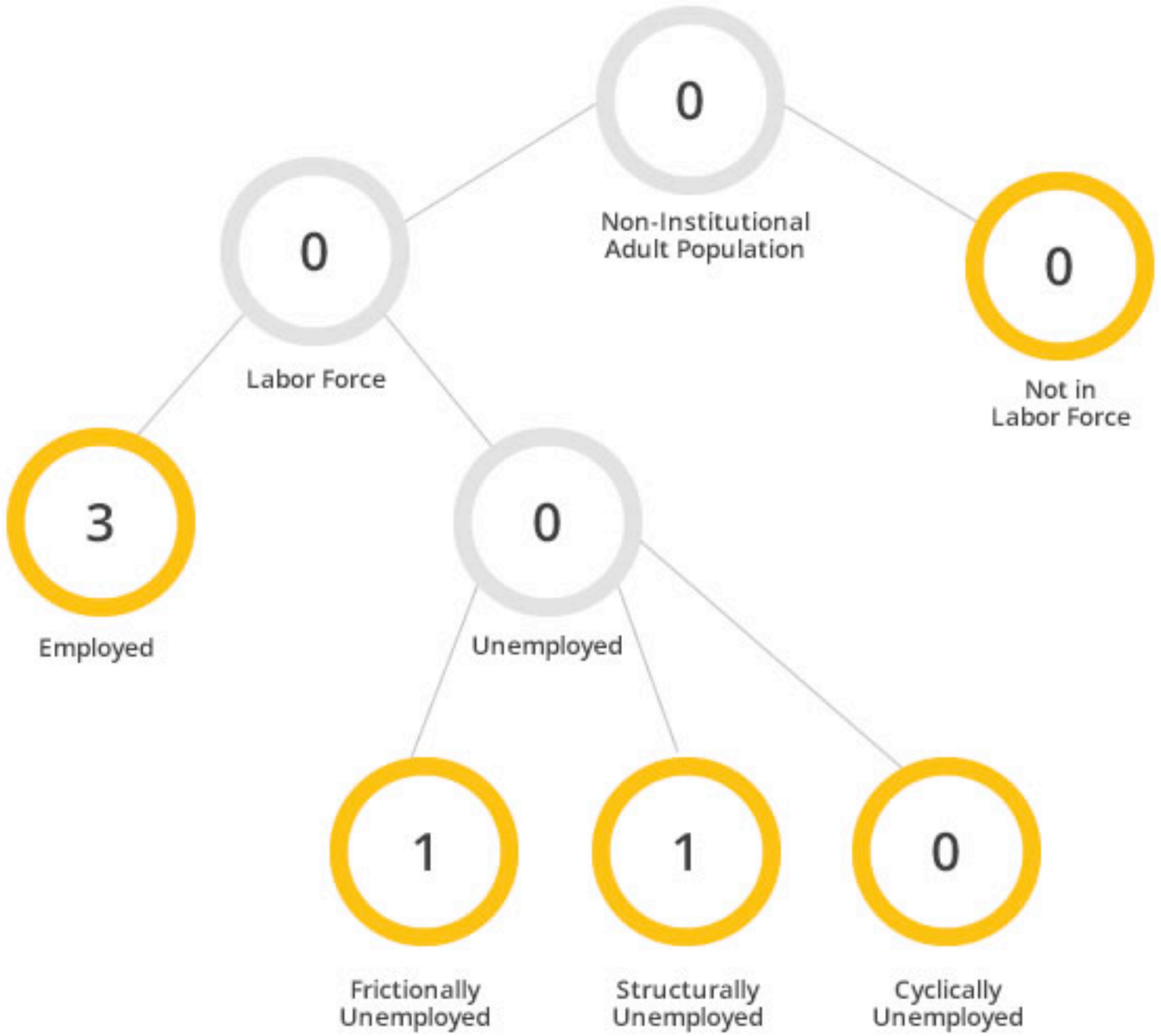
? Determine the unemployment status of the individuals on the left by dragging them to the appropriate category.

Finish

Are they unemployed?

Roll over to view information



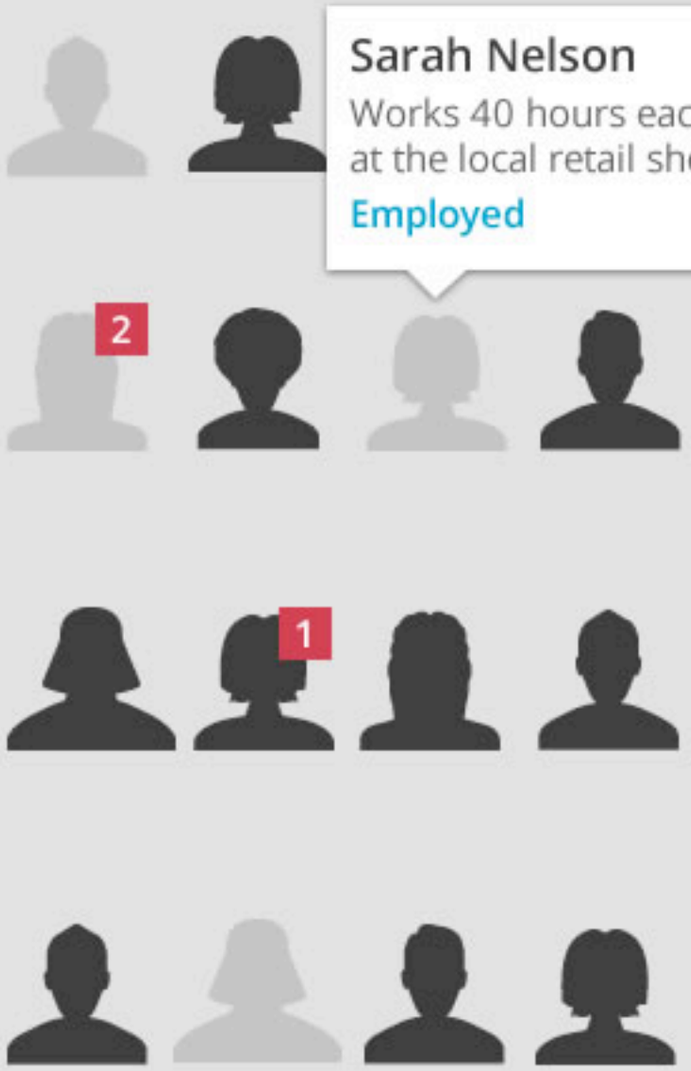


? Determine the unemployment status of the individuals on the left by dragging them to the appropriate category.

Finish

Are they unemployed?

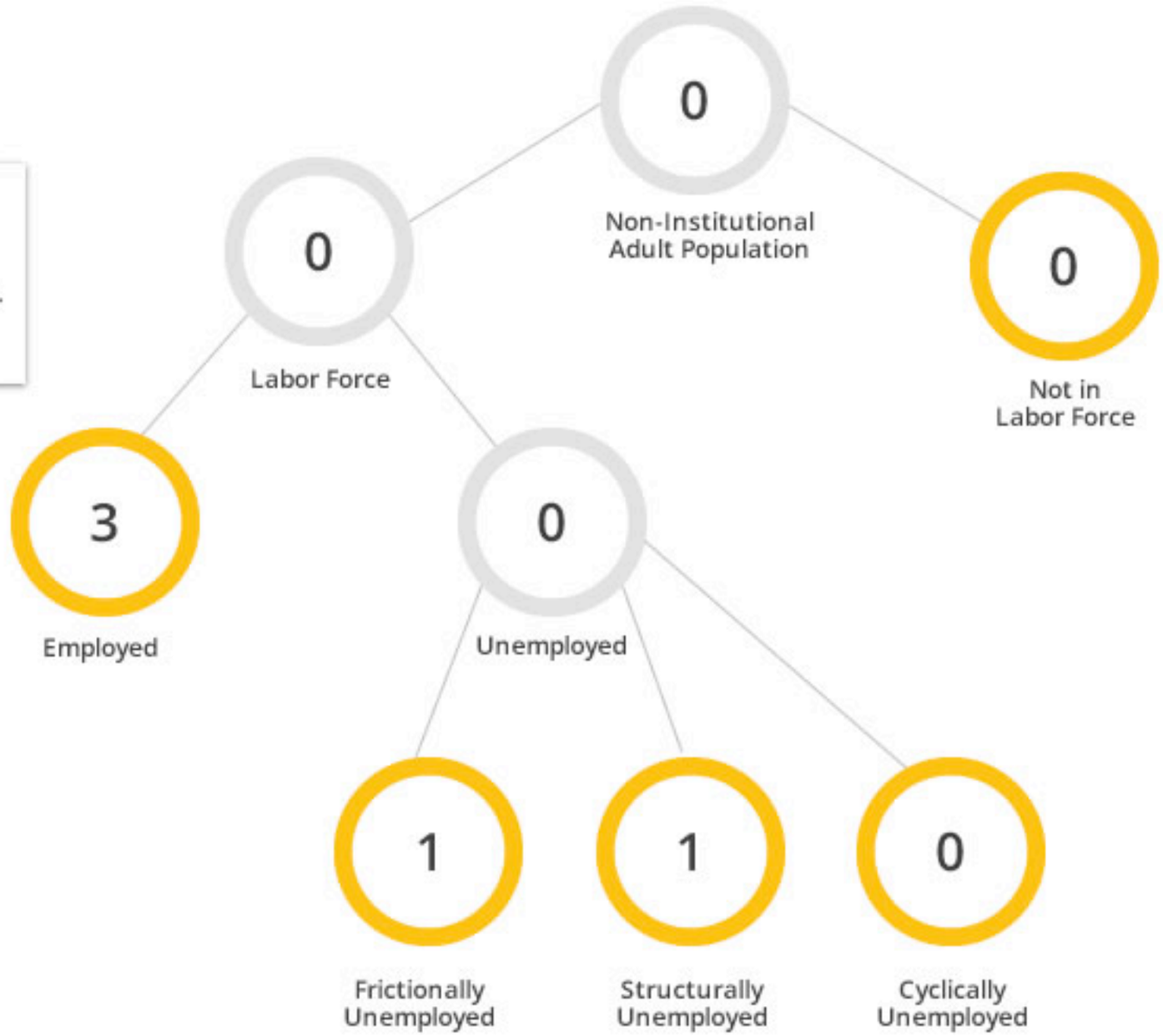
Roll over to view information



Sarah Nelson

Works 40 hours each week at the local retail shoe store.

Employed



? Determine the unemployment status of the individuals on the left by dragging them to the appropriate category.

Finish

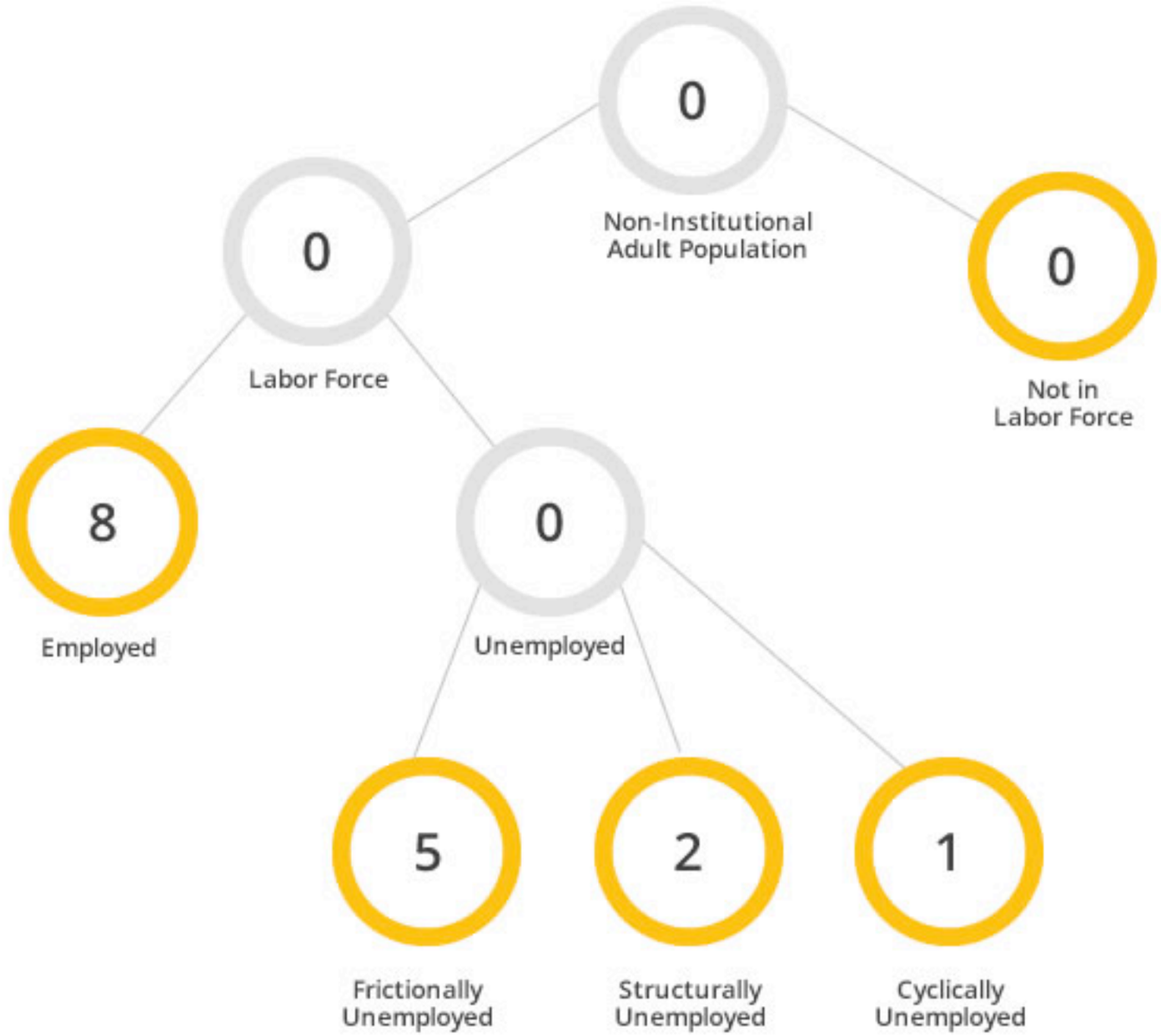
Are they unemployed?

Roll over to view information

2

1 placement INCORRECT

Sarah does NOT belong in frictionally unemployed.

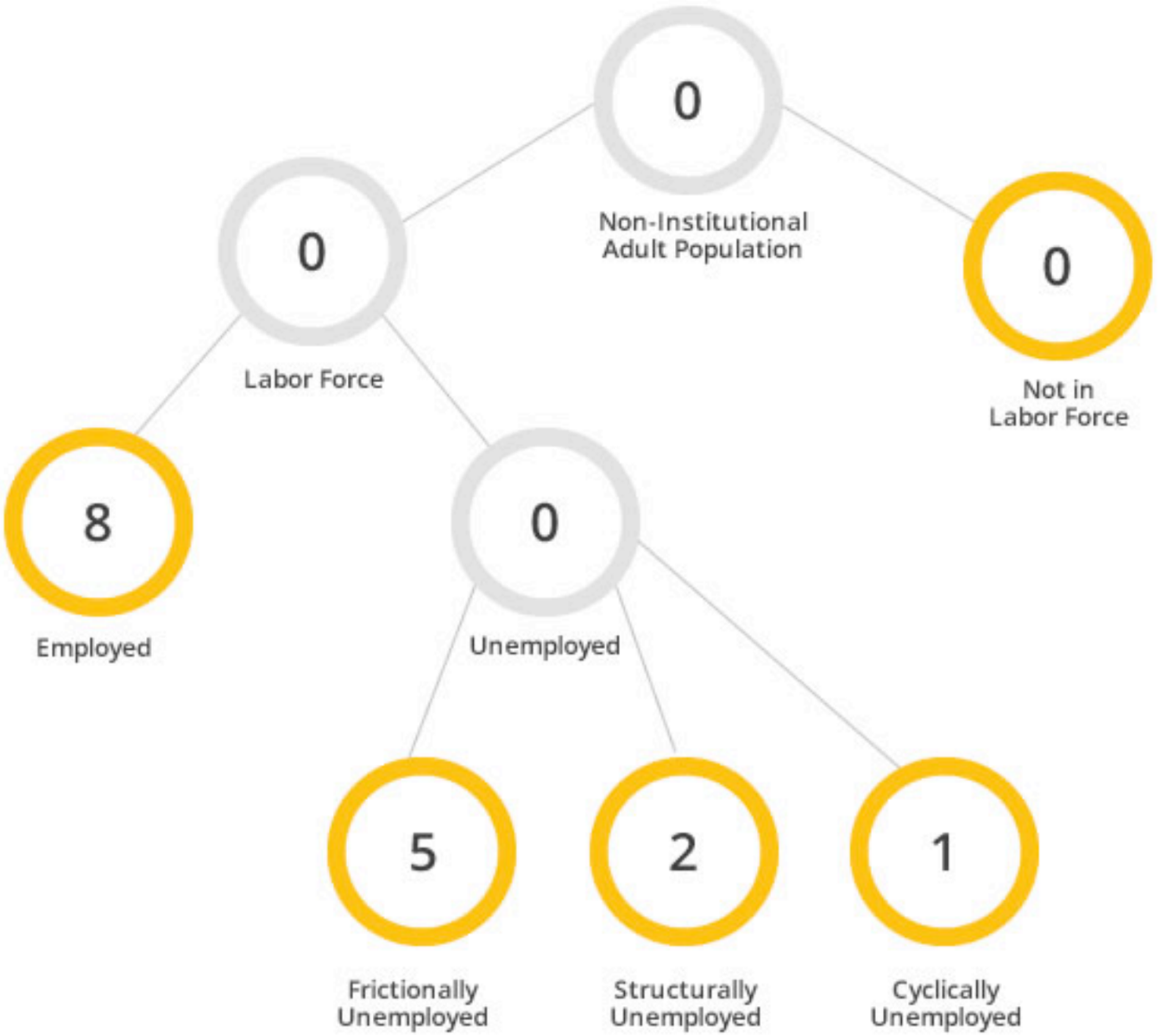


? Determine the unemployment status of the individuals on the left by dragging them to the appropriate category.

Finish

Are they unemployed?

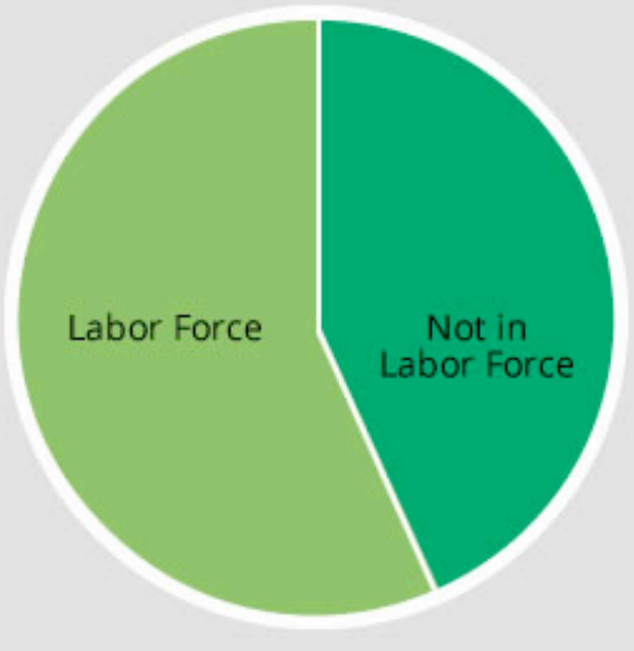
Roll over to view information



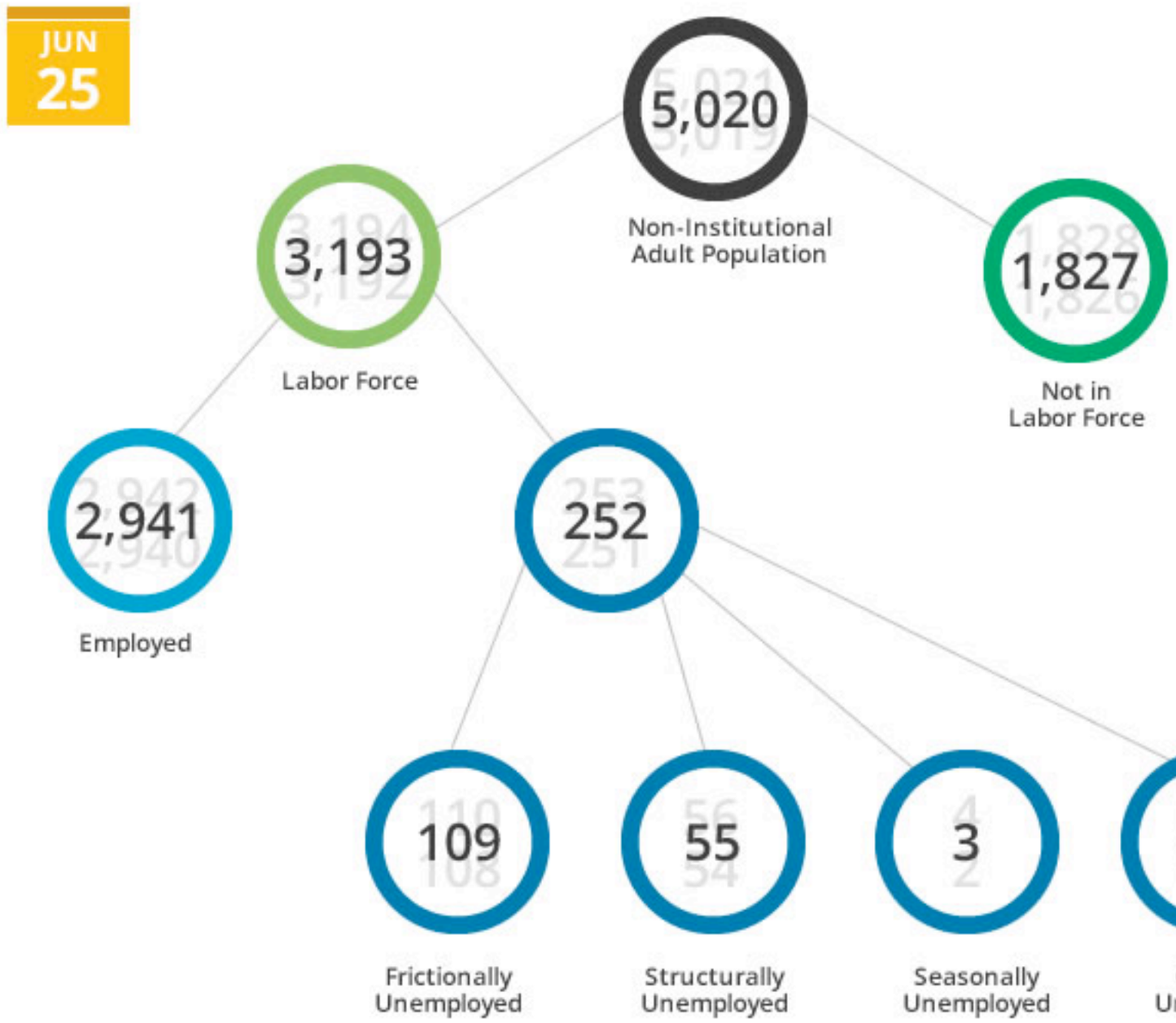
? Determine the unemployment status of the individuals on the left by dragging them to the appropriate category.

Finish

Population
5,020



Labor Force
3,193



Congratulations! You have successfully completed Level 1. The animation above reflects your final survey results over the course of a month working as an intern for the BLS.

Next

Unemployment

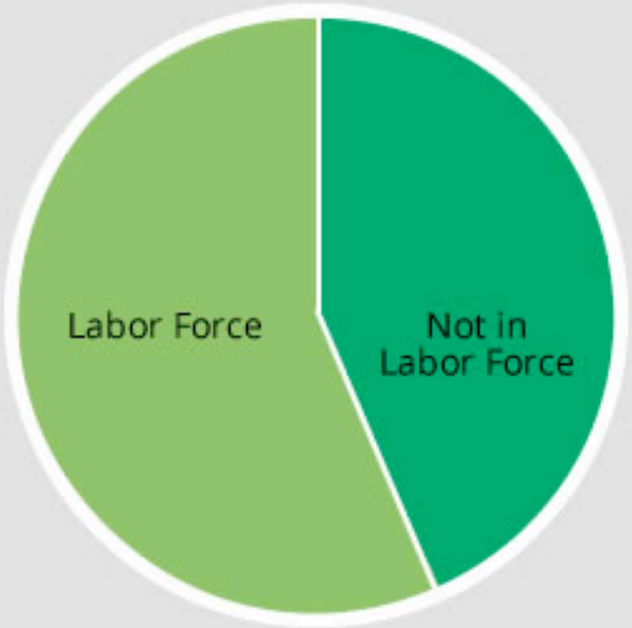
Level 2

Level 2: Calculate

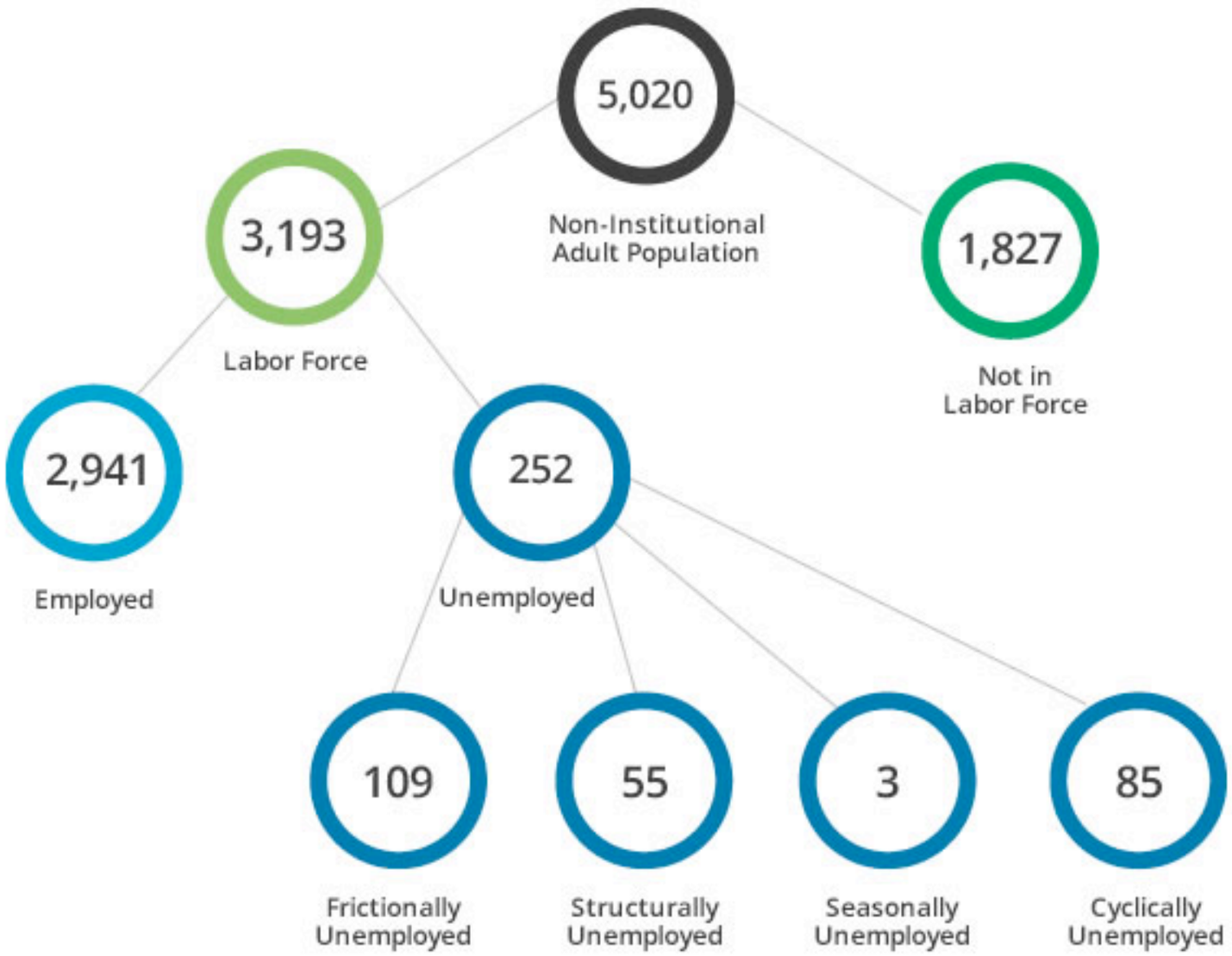
You have now been promoted to manager at your local branch of the Bureau of Labor Statistics and have been asked to calculate various employment statistics based on the data you previously collected as an intern.

Next

Population
5,020



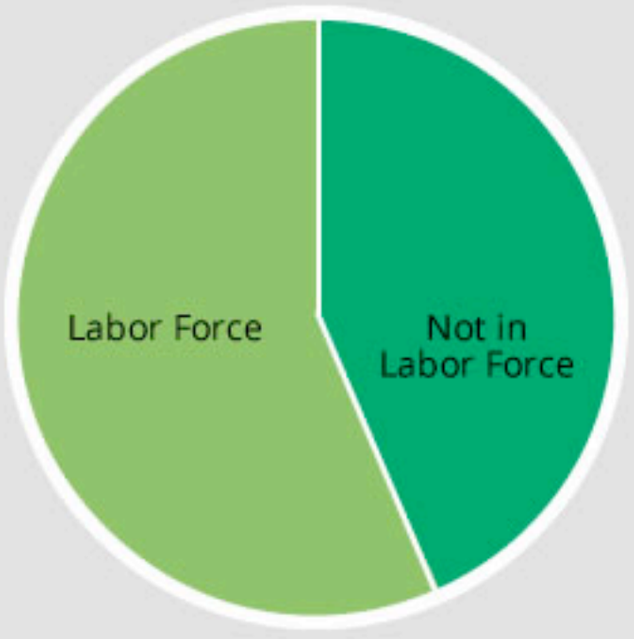
Labor Force
3,193



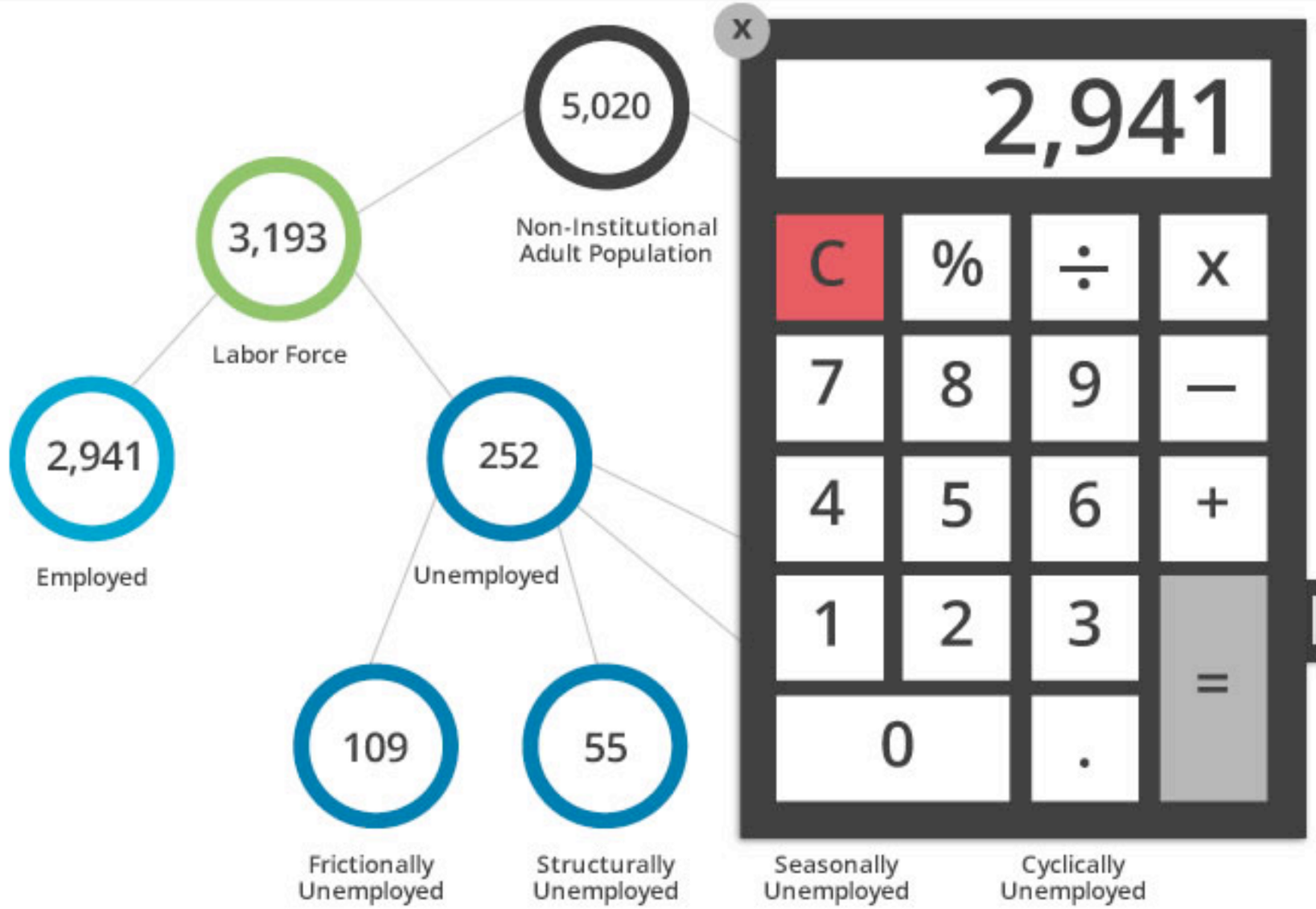
Level 2: Objective
Calculate various labor statistics based on the data in the post-timelapse tree and then answer questions about how these satistics would change given a certain scenario.

Next

Population
5,020



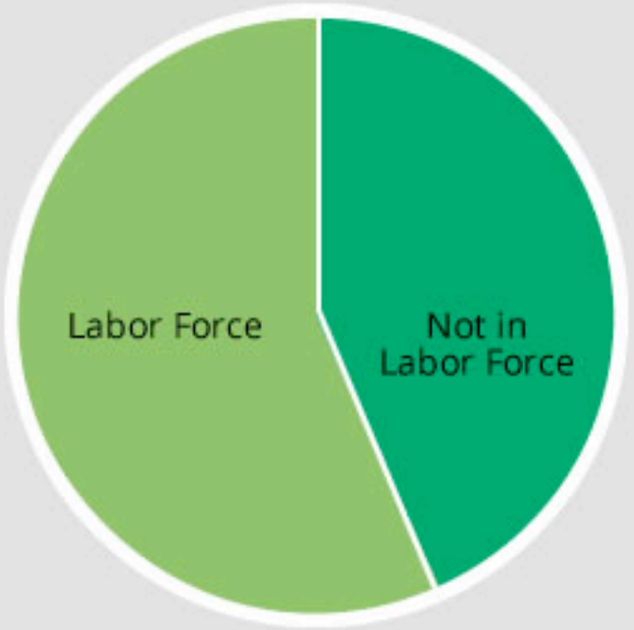
Labor Force
3,193



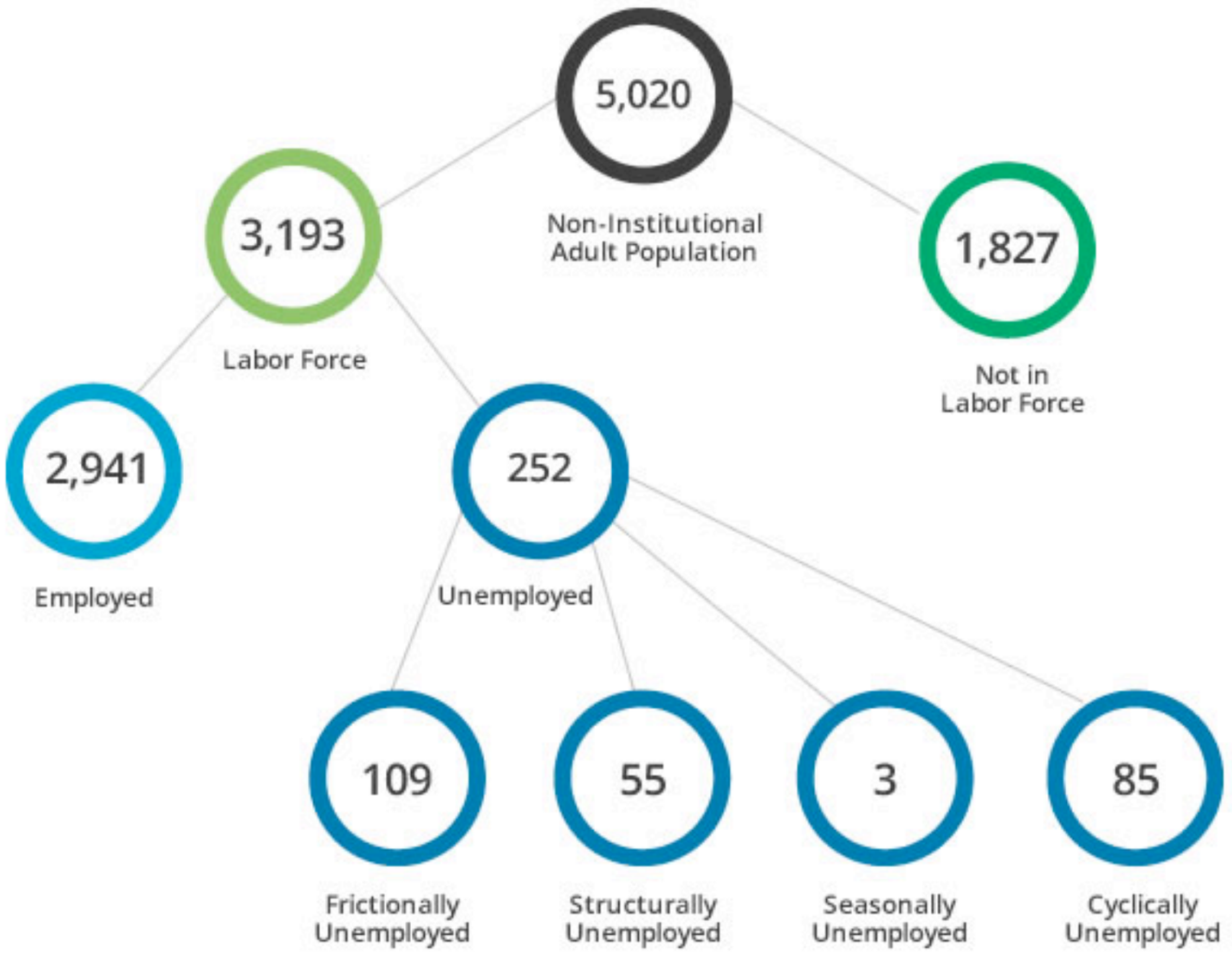
Level 2: Objective
Calculate various labor statistics based on the data in the post-timelapse tree and then answer questions about how these satistics would change given a certain scenario.

Next

Population
5,020



Labor Force
3,193



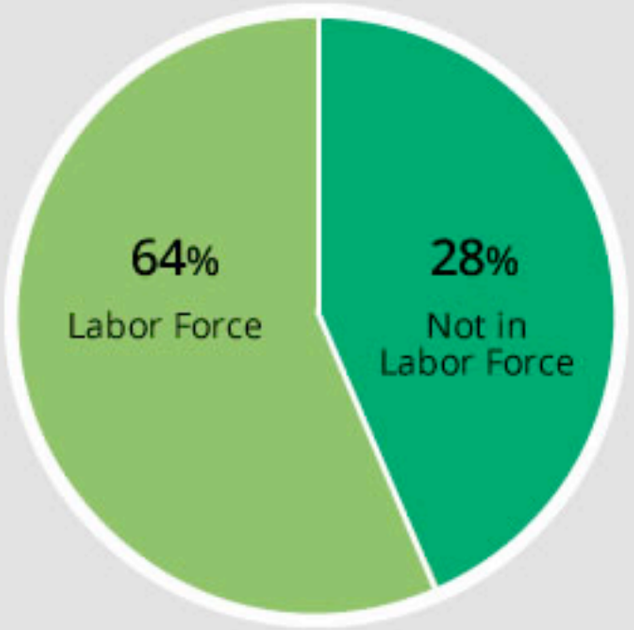
? Calculate the labor force participation rate for the group above.

$$\frac{(\text{\# Employed} + \text{\# Unemployed})}{\text{\# Non-institutional Adult Population}} \times 100 = \_\_\_\_\%$$

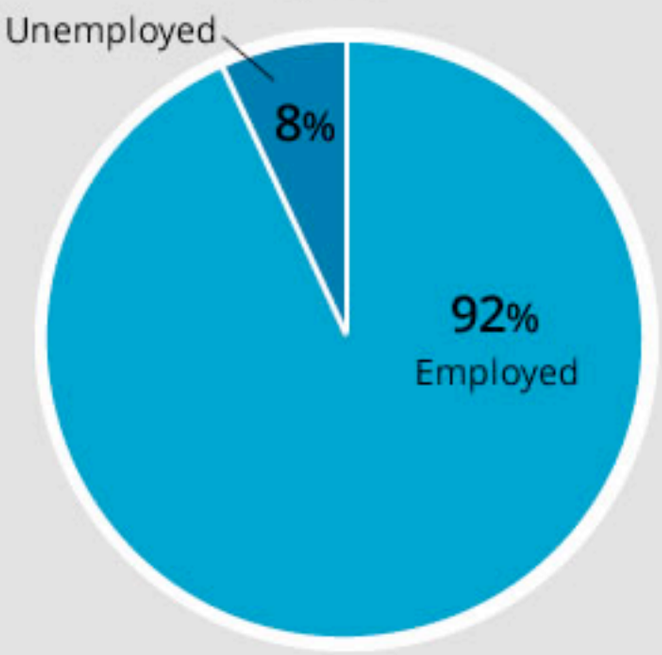
Next

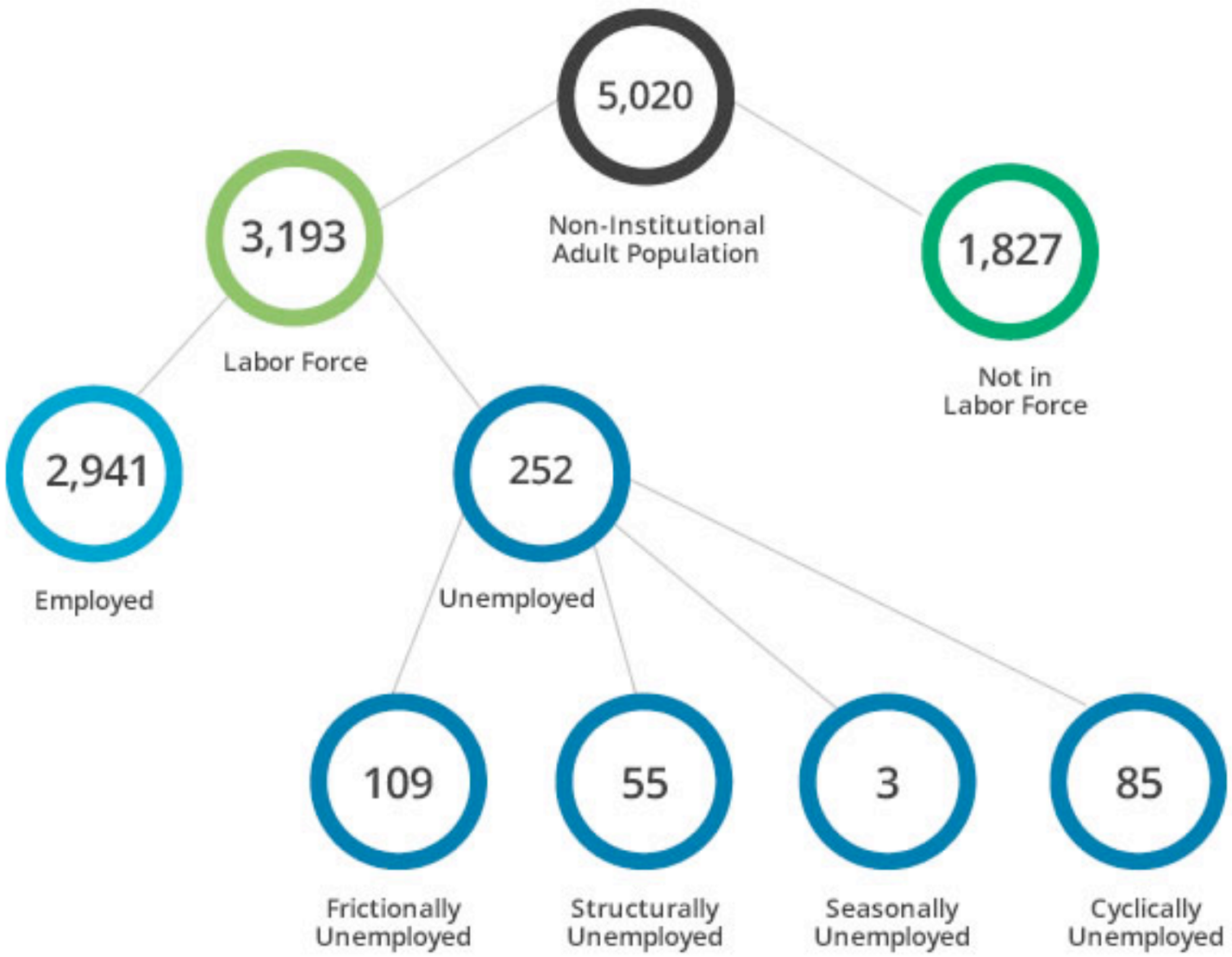
PEARSON **Unemployment** Level Score **100%** Progress 1 2 3 4 ☆

Population
5,020



Labor Force
3,193



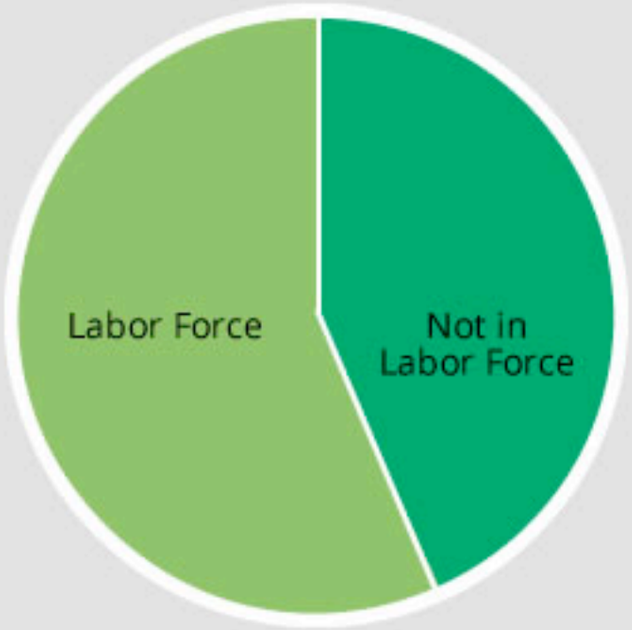


? What would happen to the rates if a group of baby boomers retire from their full time jobs? (choose one answer for each category)

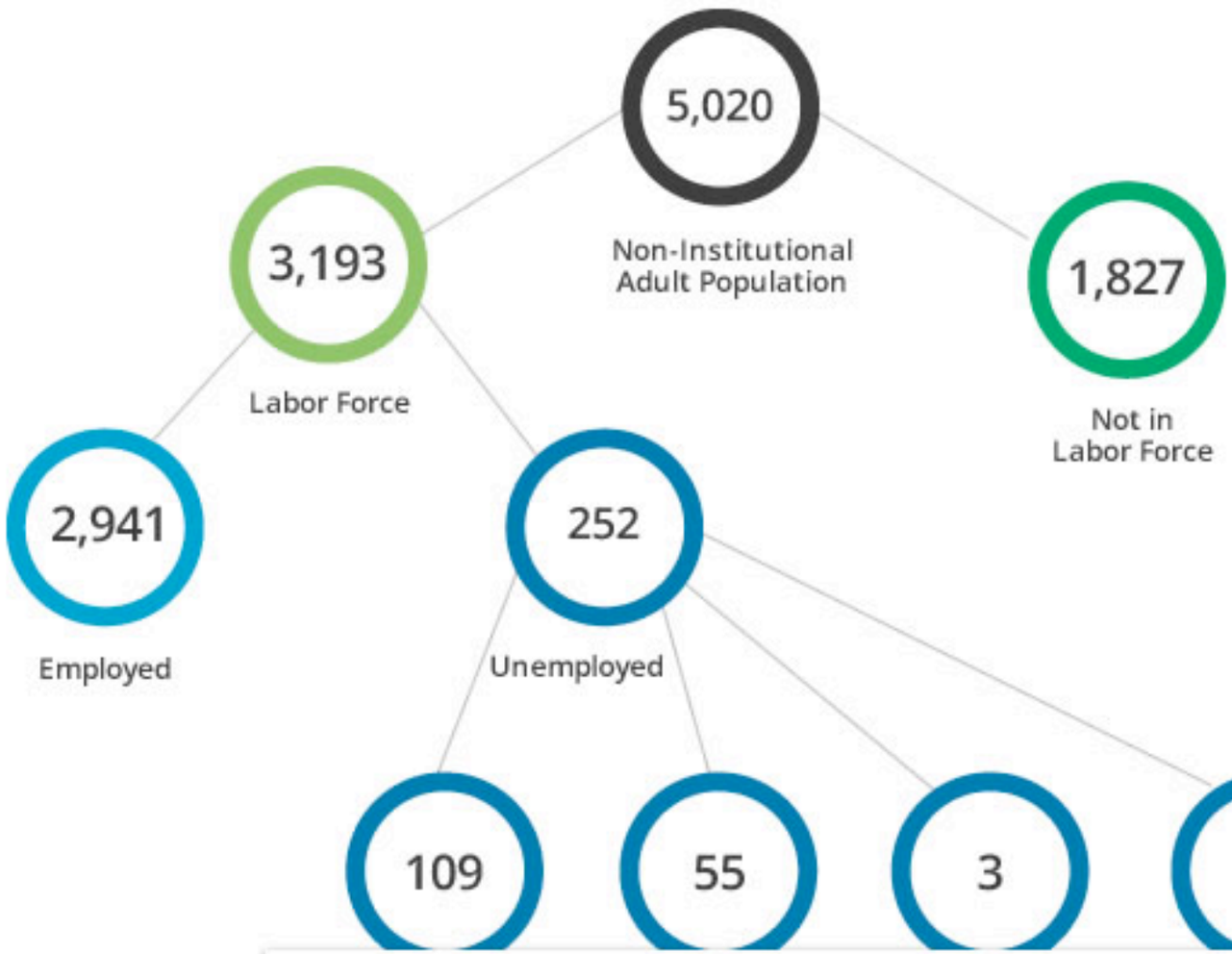
Labor Force Participation Rate	Employment Rate	Unemployment Rate
☐ decrease	☑ decrease	☐ decrease
☐ increase	☐ increase	☑ increase
☑ stay the same	☐ stay the same	☐ stay the same

Finish

Population
5,020



Labor Force
3,193



(# Employed + # Unemployed)

in Labor Force

X 100 = %

Non-institutional Adult Population

? What would … their full tim … om

Labor Force Participation Rate	Employment Rate	Unemployment Rate
☐ decrease	☑ decrease	☐ decrease
☐ increase	☐ increase	☑ increase
☑ stay the same	☐ stay the same	☐ stay the same

Finish

Unemployment

Level 3

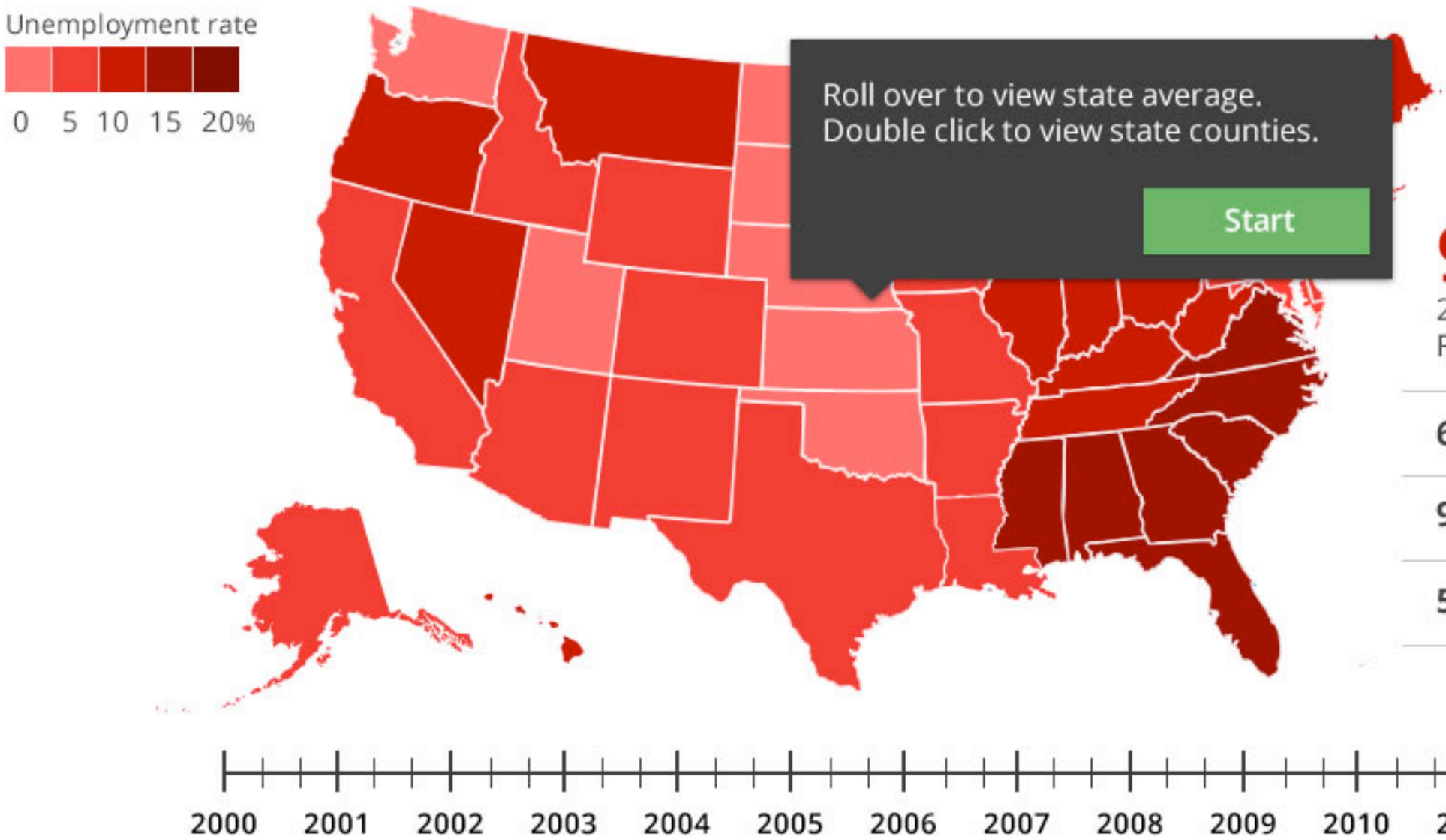
Level 3: Analyze

You have been promoted to Labor Analyst at the Bureau of Labor Statistics in Washington D.C. and have been asked by Congress to analyze changes in U.S. employment data over time.

Next

PEARSON **Unemployment** Level Score **100%** Progress 1 2 3 4 ☆

State | County | Search



9.6%
2011 Unemployment Rate National Average

62% Labor Force Participation Rate

92% Employment Rate

5% Natural Rate of Unemployment

?

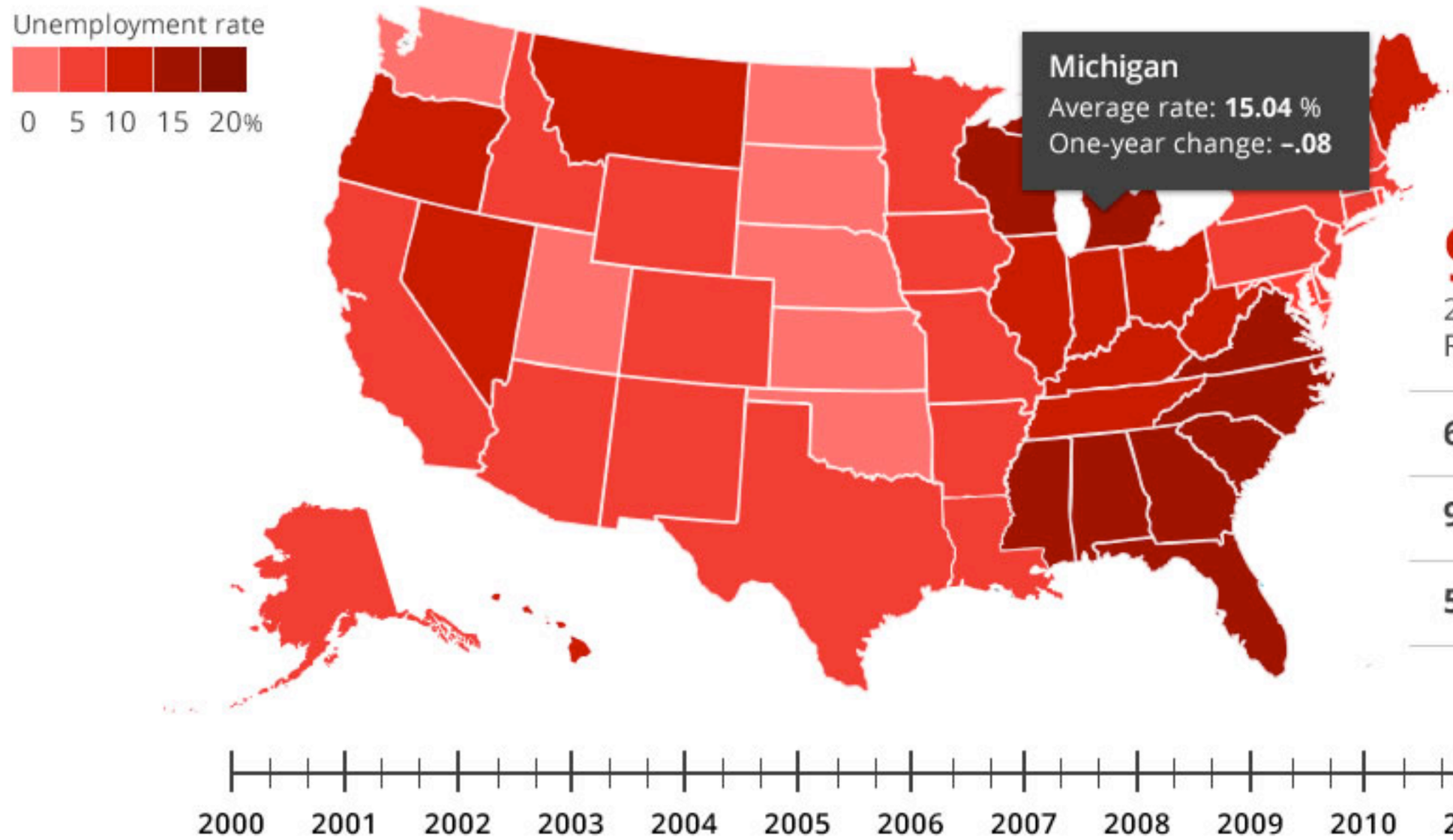
Using the map above, what happened to the unemployment rate in Kent County, Michigan between 2010 and 2011?

- [ ] decrease
- [ ] increase
- [ ] stay the same

Next

PEARSON **Unemployment** Level Score **100%** Progress 1 2 3 4 ☆

State | County | Search



9.6%
2011 Unemployment Rate National Average

62% Labor Force Participation Rate

92% Employment Rate

5% Natural Rate of Unemployment

?

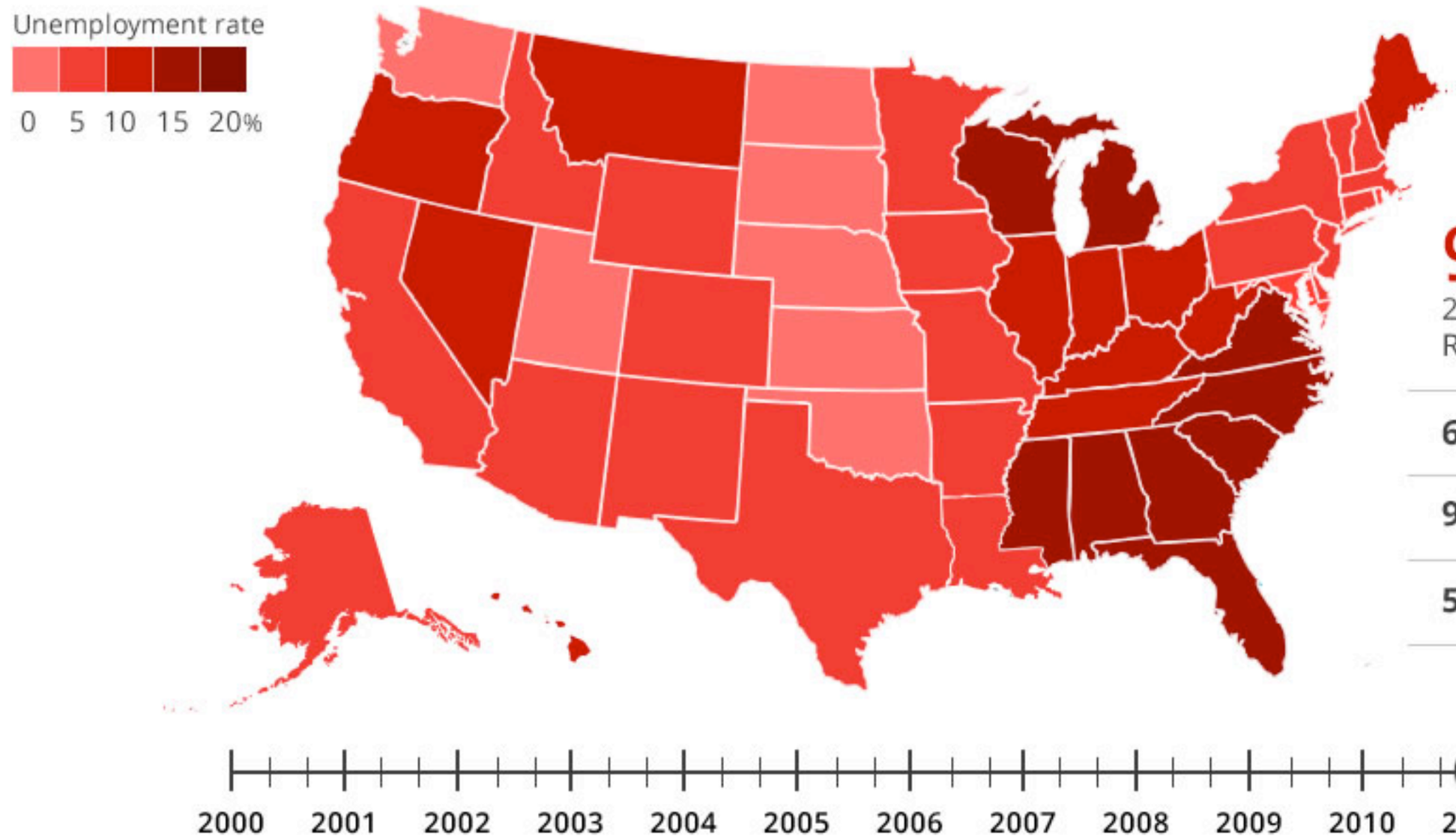
Using the map above, what happened to the unemployment rate in Kent County, Michigan between 2010 and 2011?

☐ decrease ☐ increase ☐ stay the same

Next

PEARSON **Unemployment** Level Score **100%** Progress 1 2 3 4 ☆

State | County | Search



9.6%
2011 Unemployment Rate National Average

62% Labor Force Participation Rate

92% Employment Rate

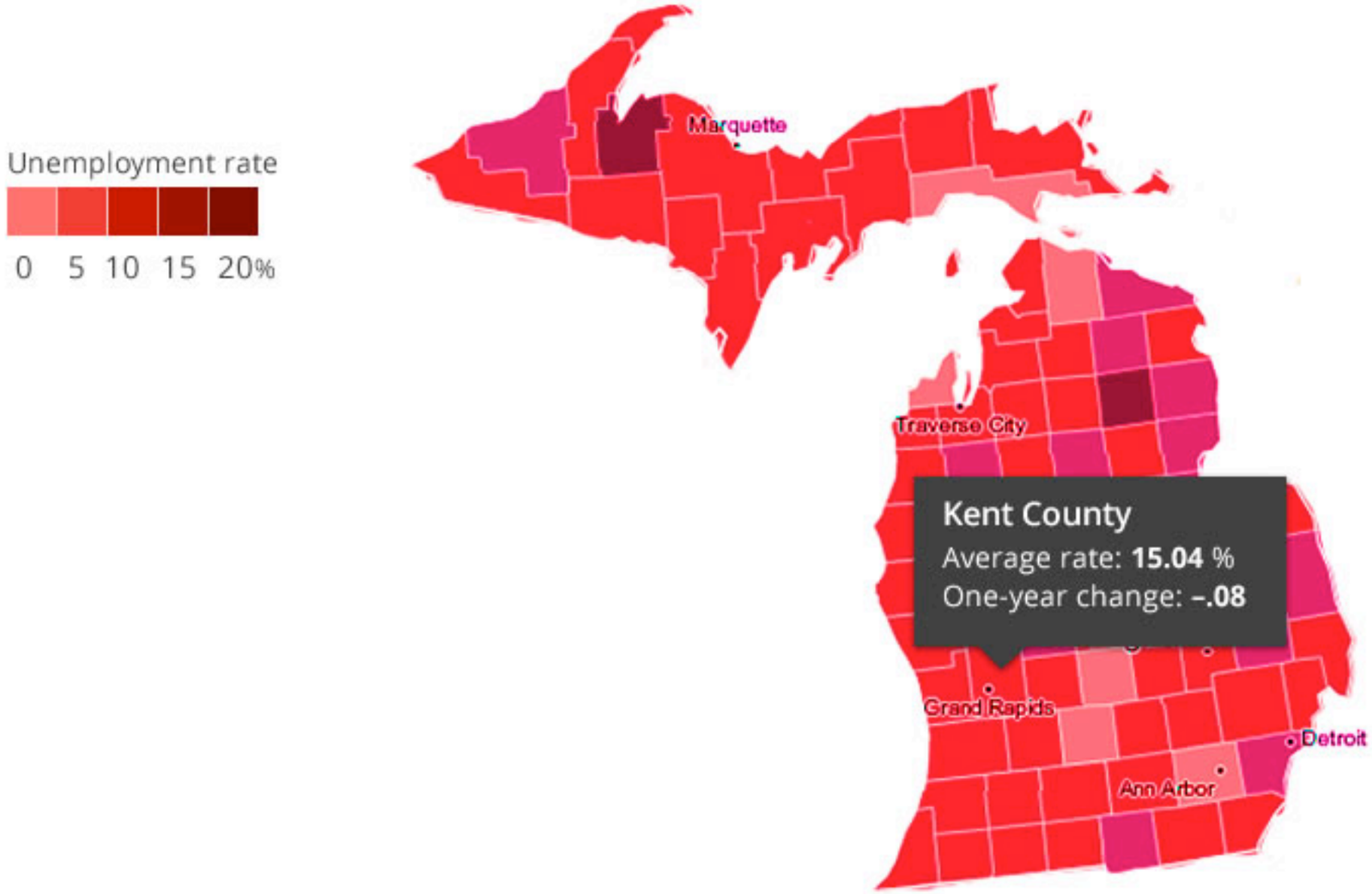
5% Natural Rate of Unemployment

?

Using the map above, what happened to the unemployment rate in Kent County, Michigan between 2010 and 2011?

- [ ] decrease
- [ ] increase
- [ ] stay the same

Next



9.6%
2011 Unemployment Rate National Average

? Using the map above, what happened to the unemployment rate in Kent County, Michigan between 2010 and 2011?

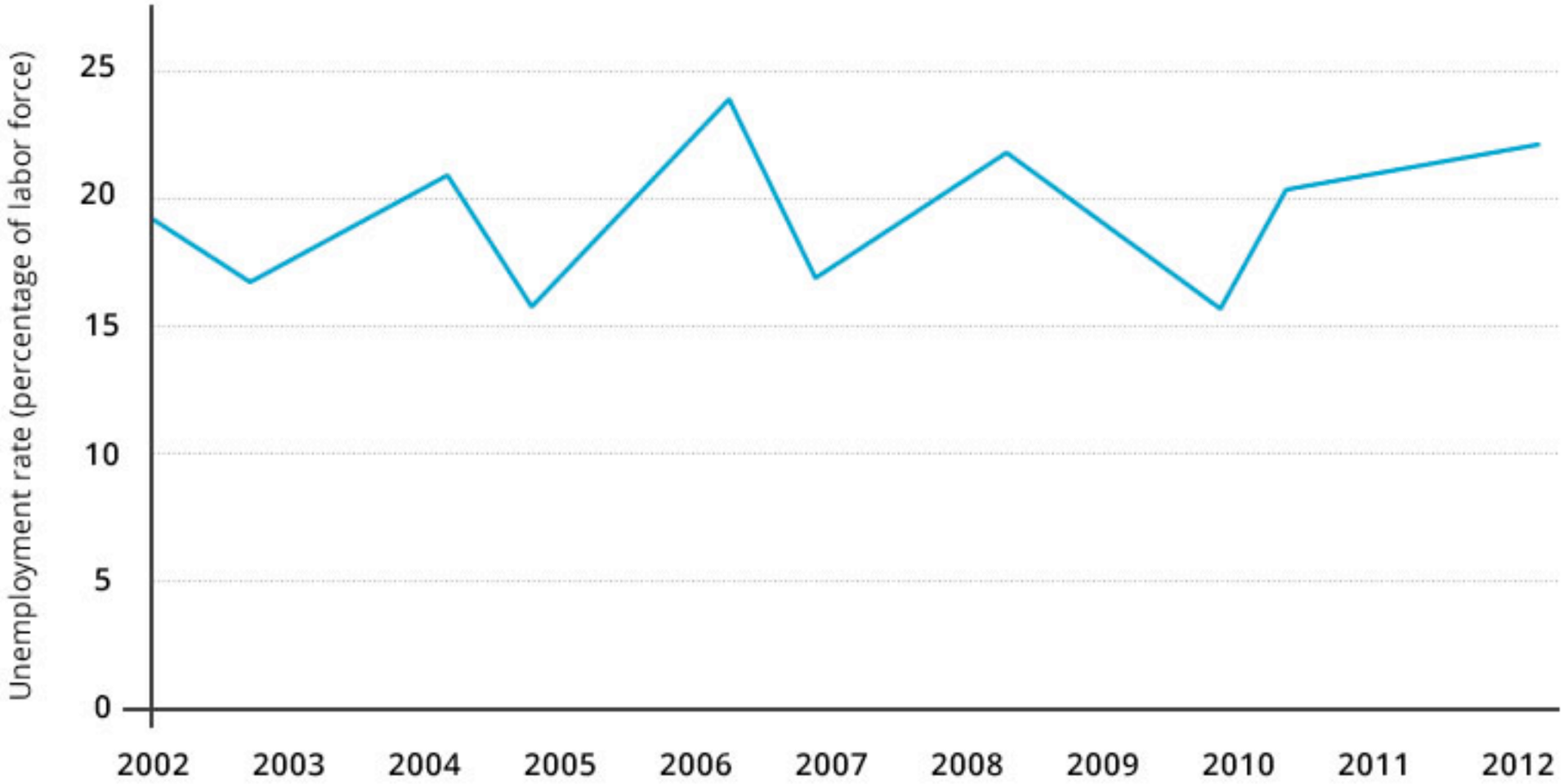
- [ ] decrease
- [ ] increase
- [ ] stay the same

Next

The Kent County, MI Unemployment Rate

County State National

select box to see graph



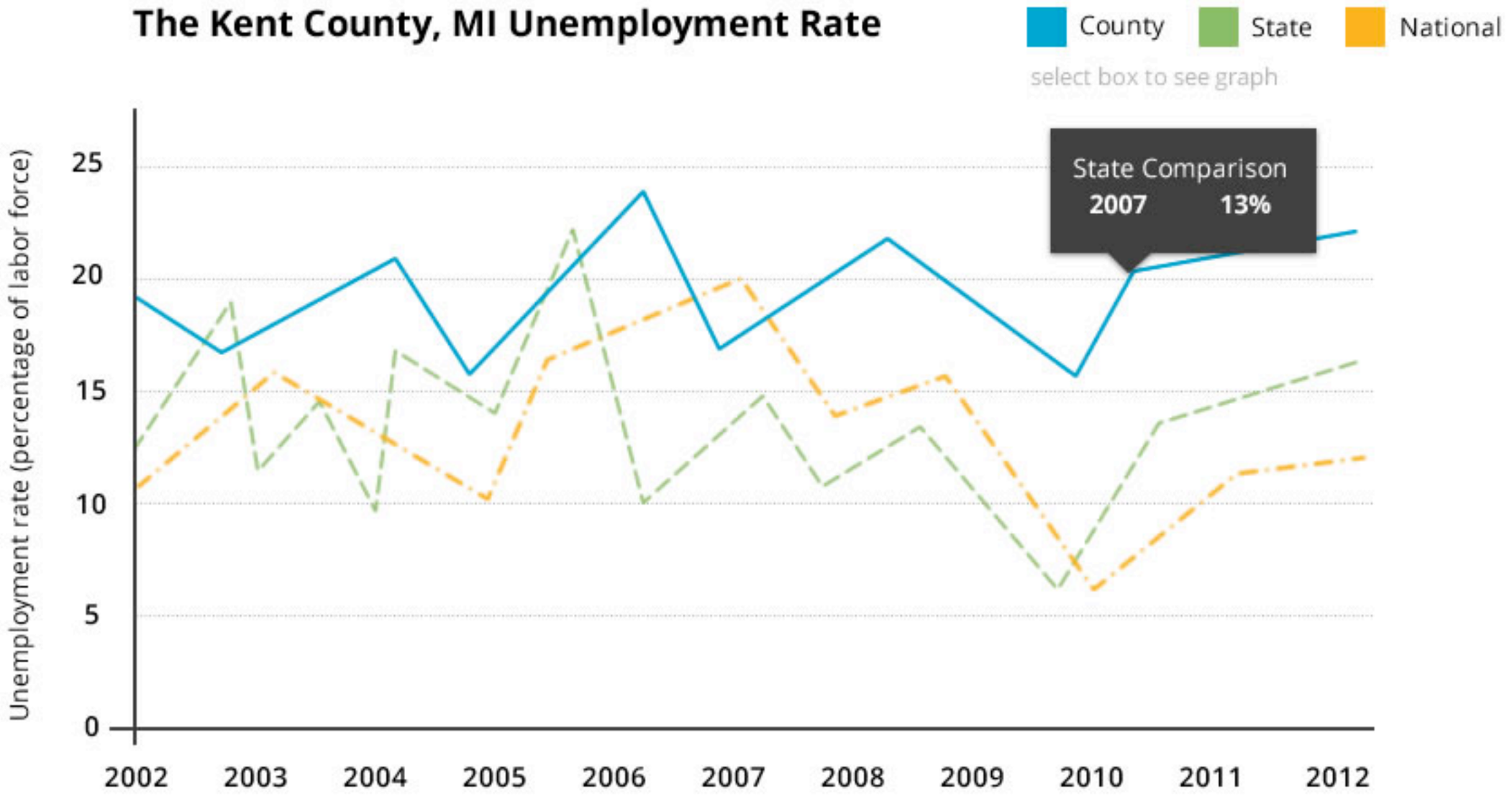
Source of Data Bureau of Labor Statistics

? Using the map above, what happened to the unemployment rate in Kent County, Michigan between 2010 and 2011?

- [ ] decrease
- [ ] increase
- [ ] stay the same

Next

The Kent County, MI Unemployment Rate



Source of Data Bureau of Labor Statistics

? Using the map above, what happened to the unemployment rate in Kent County, Michigan between 2010 and 2011?

- [x] decrease
- [ ] increase
- [ ] stay the same

Finish

Unemployment

Level 4

PEARSON

Level 4: Compare

The National Bureau of Economic Research heard about your expertise in analyzing employment data and wants you to help on a project. They spoke with your boss, and he has asked you to compare U.S. unemployment rates across various historical time periods.

Get Started

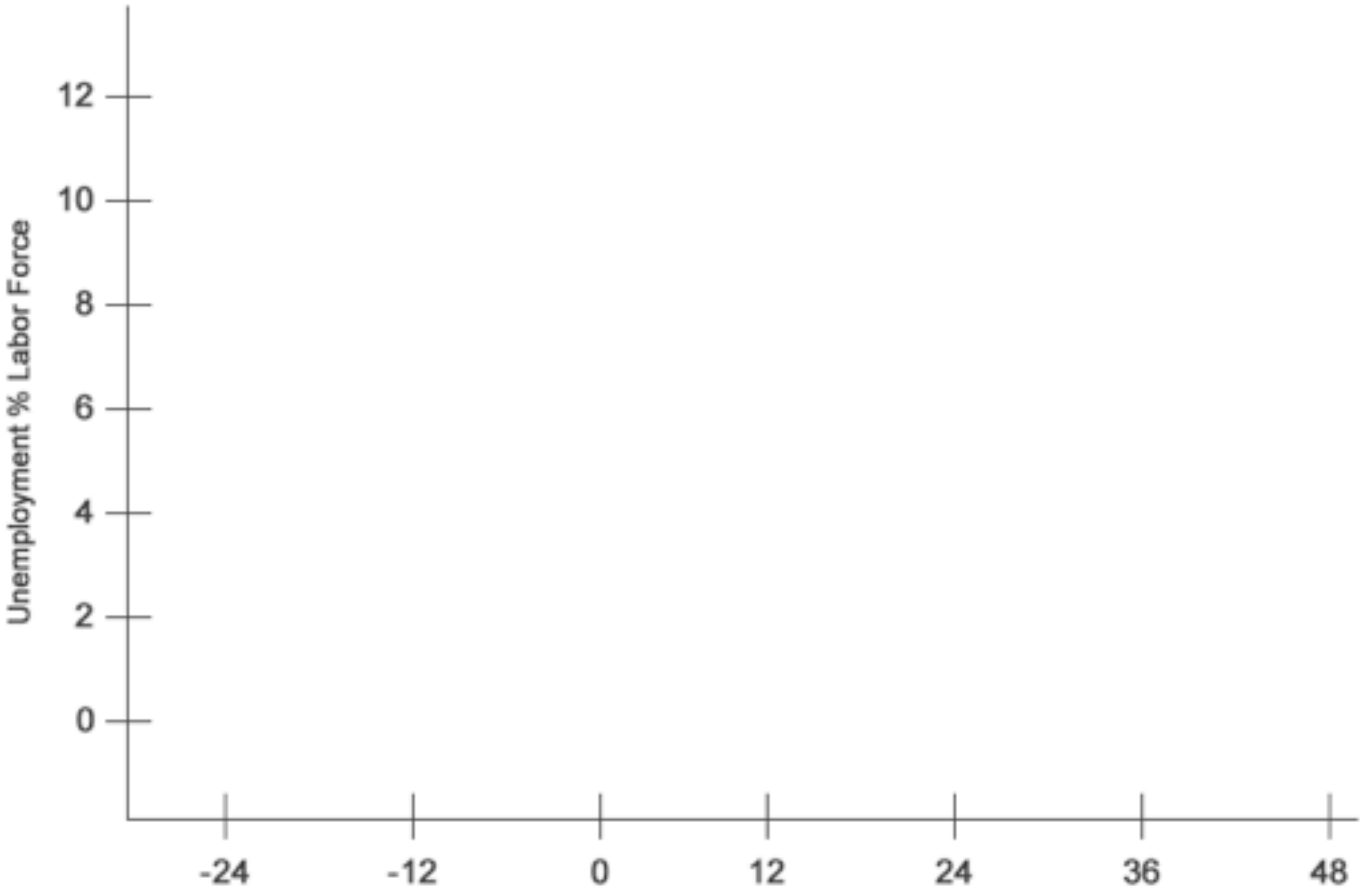
PEARSON **Unemployment** LEVELS

Recession

- [ ] Great Depression: August 1929 - March 1933
- [ ] May 1937 - June 1938
- [ ] February 1945 - October 1945
- [ ] November 1948 - October 1949
- [ ] July 1953 - May 1954

Recession

- [ ] Oct 1945–Nov 1948
- [ ] Oct 1949–July 1953
- [ ] May 1954–Aug 1957
- [ ] April 1958–April 1960
- [ ] Feb 1961–Dec 1969



During which of the following recessionary periods did the United States Unemployment Rate reach the highest level?

PEARSON **Unemployment**

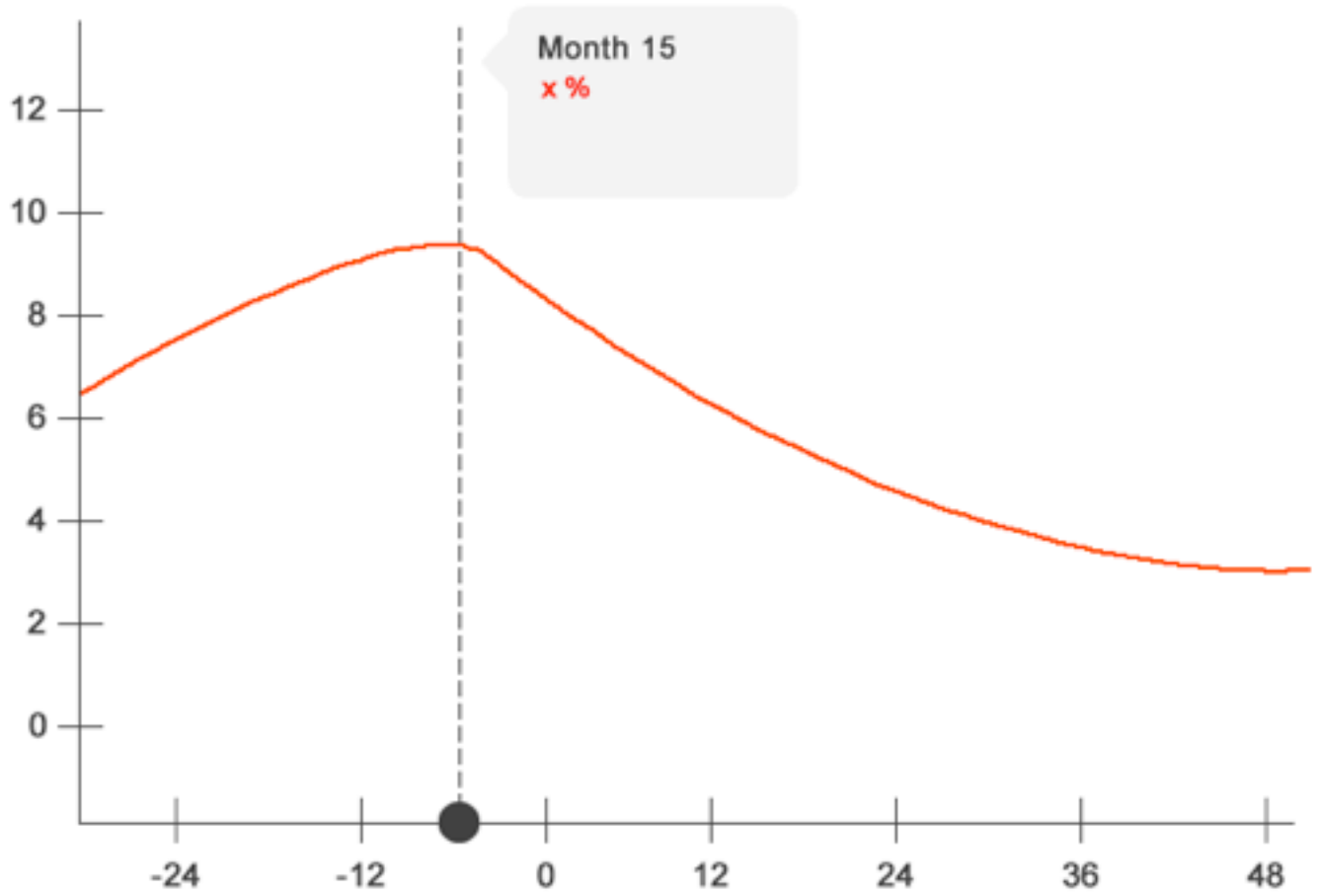
LEVELS

Recession (select up to 3)

- [x] Great Depression: August 1929 - March 1933
- [ ] May 1937 - June 1938
- [ ] February 1945 - October 1945
- [ ] November 1948 - October 1949
- [ ] July 1953 - May 1954

Recession (select up to 3)

- [ ] Oct 1945–Nov 1948
- [ ] Oct 1949–July 1953
- [ ] May 1954–Aug 1957
- [ ] April 1958–April 1960
- [ ] Feb 1961–Dec 1969



During which of the following recessionary periods did the United States Unemployment Rate reach the highest level?

PEARSON

Unemployment

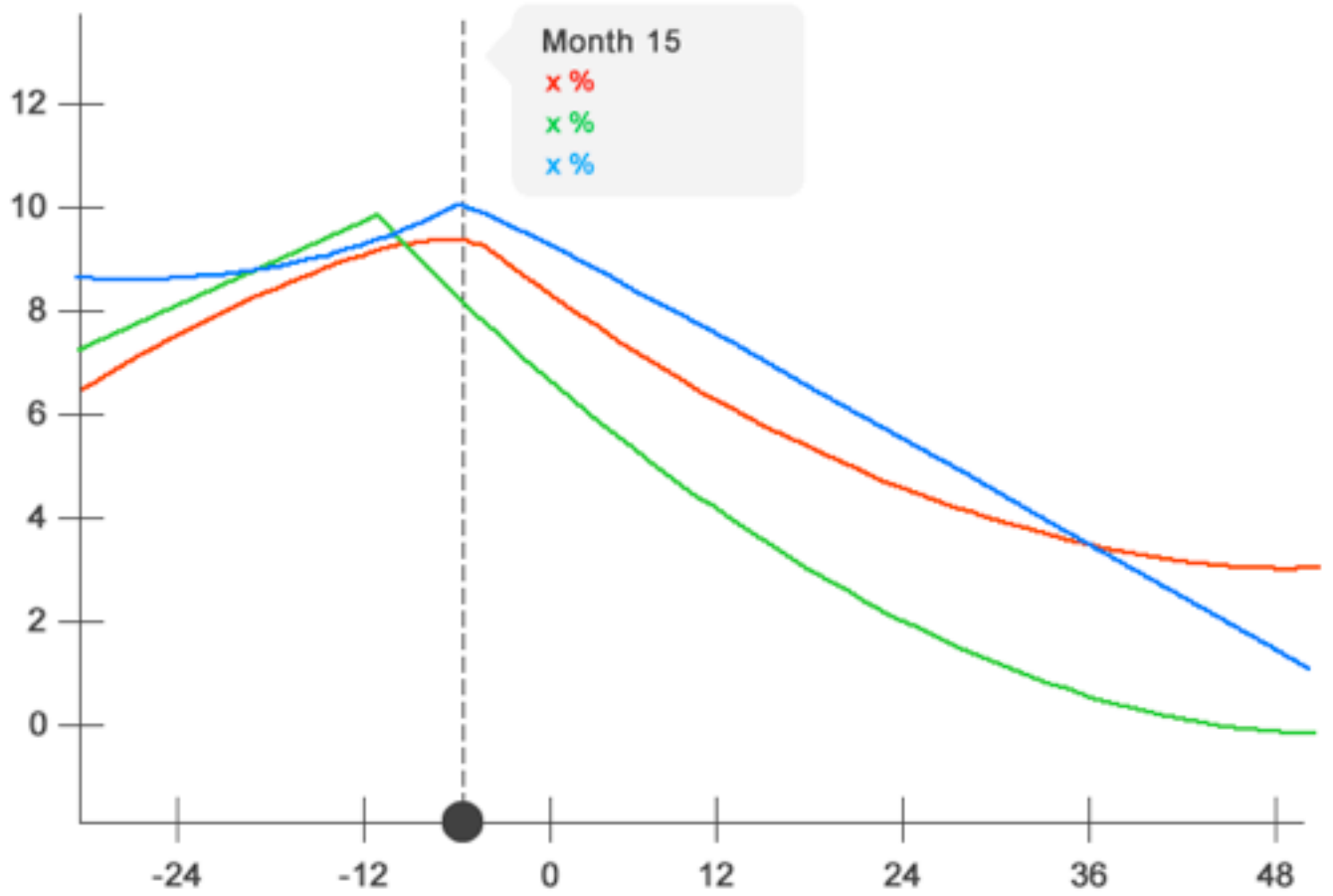
LEVELS

Recession (select up to 3)

- [x] Great Depression: August 1929 - March 1933
- [ ] May 1937 - June 1938
- [x] February 1945 - October 1945
- [x] November 1948 - October 1949
- [ ] July 1953 - May 1954

Recession (select up to 3)

- [ ] Oct 1945–Nov 1948
- [ ] Oct 1949–July 1953
- [ ] May 1954–Aug 1957
- [ ] April 1958–April 1960
- [ ] Feb 1961–Dec 1969



During which of the following recessionary periods did the United States Unemployment Rate reach the highest level?

PEARSON

Unemployment

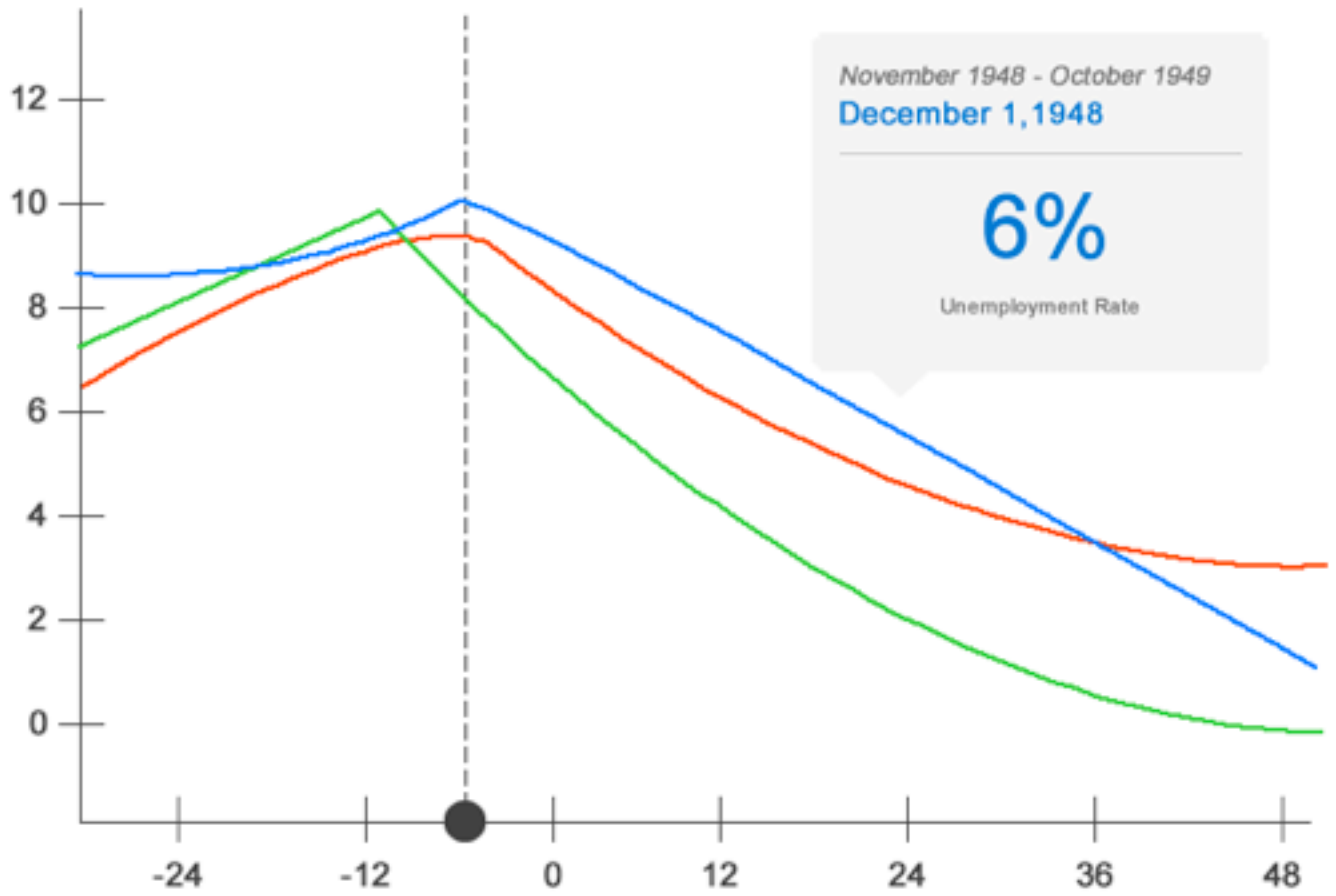
LEVELS

Recession (select up to 3)

- [x] Great Depression: August 1929 - March 1933
- [ ] May 1937 - June 1938
- [x] February 1945 - October 1945
- [x] November 1948 - October 1949
- [ ] July 1953 - May 1954

Recession (select up to 3)

- [ ] Oct 1945–Nov 1948
- [ ] Oct 1949–July 1953
- [ ] May 1954–Aug 1957
- [ ] April 1958–April 1960
- [ ] Feb 1961–Dec 1969



During which of the following recessionary periods did the United States Unemployment Rate reach the highest level?

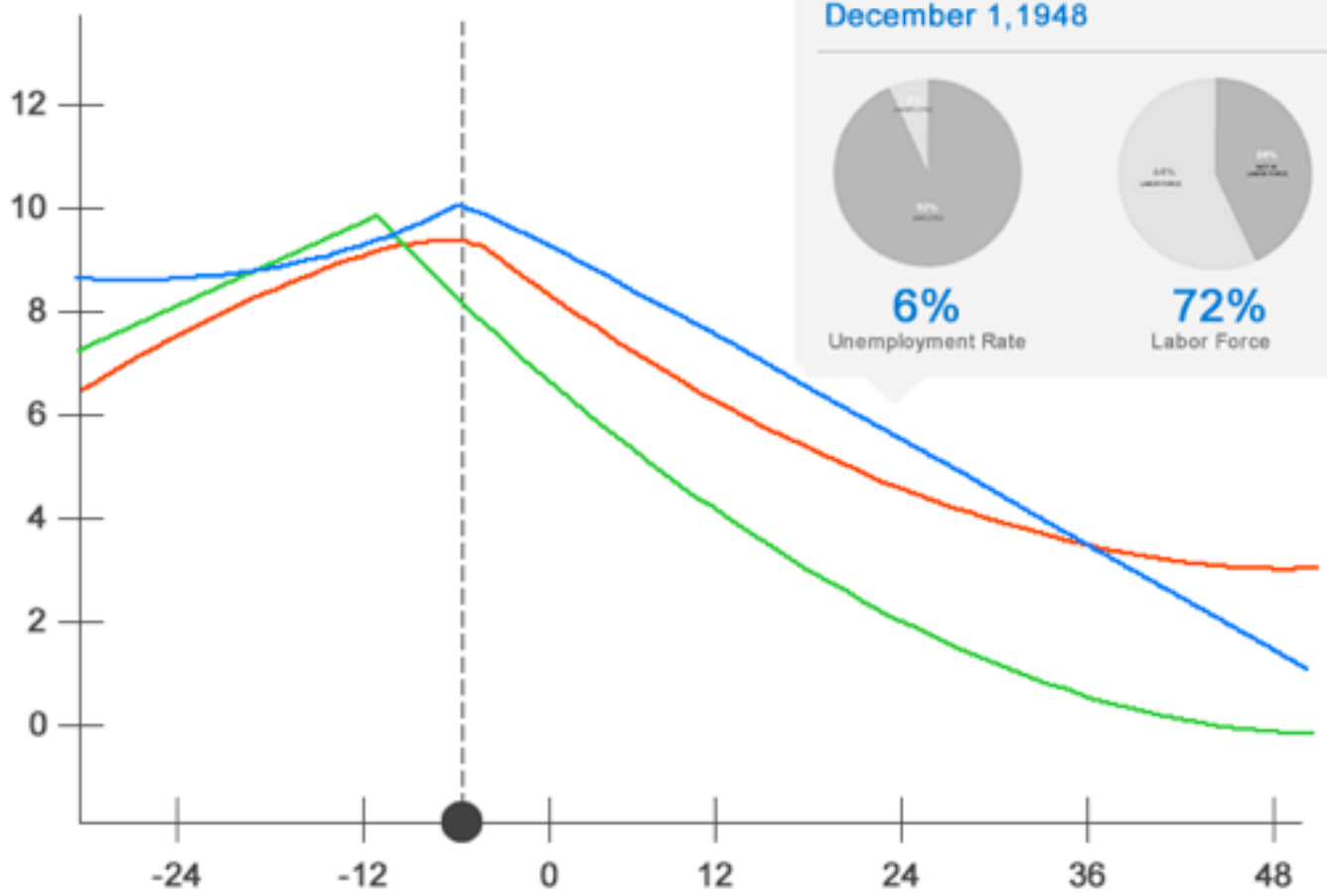
PEARSON **Unemployment** LEVELS

Recession (select up to 3)

- [x] Great Depression: August 1929 - March 1933
- [ ] May 1937 - June 1938
- [x] February 1945 - October 1945
- [x] November 1948 - October 1949
- [ ] July 1953 - May 1954

Recession (select up to 3)

- [ ] Oct 1945–Nov 1948
- [ ] Oct 1949–July 1953
- [ ] May 1954–Aug 1957
- [ ] April 1958–April 1960
- [ ] Feb 1961–Dec 1969



November 1948 - October 1949
December 1,1948

6%
Unemployment Rate

72%
Labor Force

During which of the following recessionary periods did the United States Unemployment Rate reach the highest level?