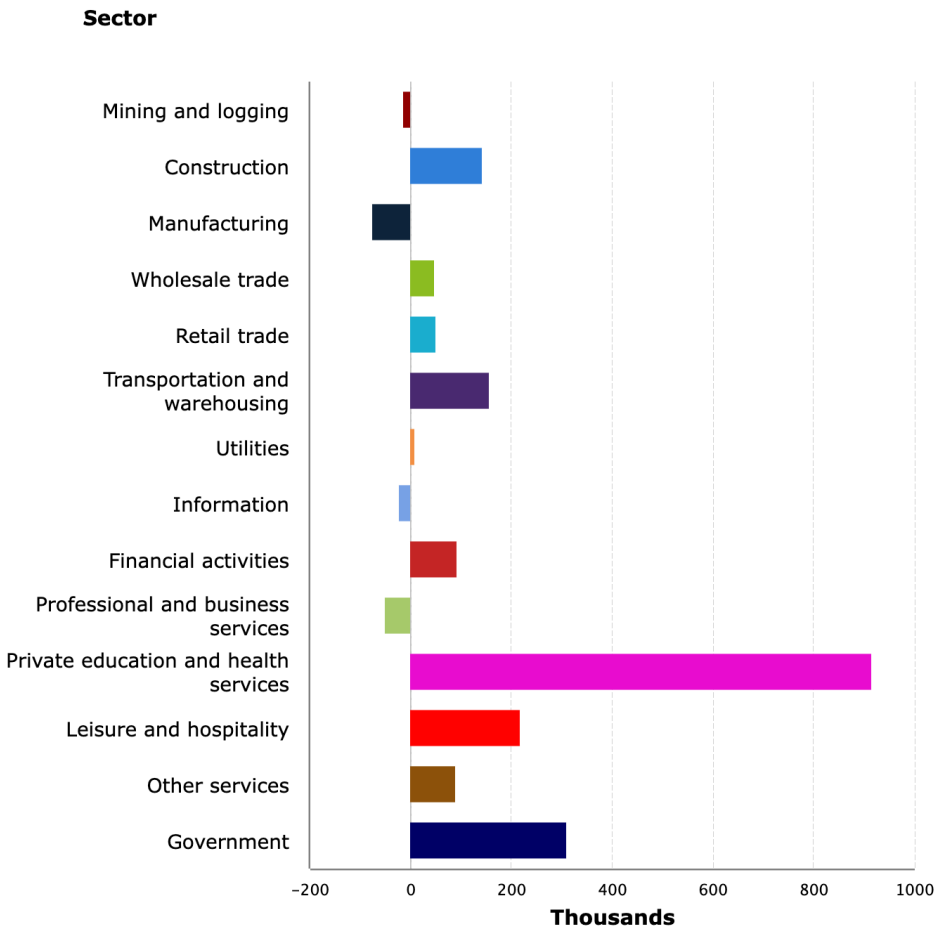# Working with Diagrams & Statistics

Name: Date:

Employment change by industry, March 2025, seasonally adjusted, 12-month net change
Click on bars to drill down

Sector

Mining and logging
Construction
Manufacturing
Wholesale trade
Retail trade
Transportation and warehousing
Utilities
Information
Financial activities
Professional and business services
Private education and health services
Leisure and hospitality
Other services
Government

−200   0   200   400   600   800   1000
Thousands

Source: U.S. Bureau of Labor Statistics.

Employment change by industry, March 2025, seasonally adjusted, 12-month net change (source: https://www.bls.gov/charts/employment-situation/employment-by-industry-monthly-changes.htm)

Working with Diagrams & Statistics

Name: Date:

Determine whether the given statements are true or false.

The diagram shows employment changes in the USA from March 2024 to March 2025.

◯ True   ◯ False

The sector with the largest decline in employment is 'Private education and health services'.

◯ True   ◯ False

Mining and logging experienced a decrease in employment numbers.

◯ True   ◯ False

The vertical axis of the diagram represents the number of employees in thousands.

◯ True   ◯ False

There is a significant employment growth in the sector 'Private education and health services'.

◯ True   ◯ False

The diagram provides a detailed timeline of employment changes throughout the year.

◯ True   ◯ False

ⓘ Method: Analyze diagrams & statistics

For a detailed description of the diagram, it is important to first identify the **subject being represented:** What is the **central theme**? What **time period** is covered? Is it about a specific **event** or a **development**?

Next, it concerns the **source** of the diagram and the data it is based on: **Where** does it originate **from**? **Who** created it **for whom**? Where do the **used data** come from?

After that, it's about describing the **individual elements** of the diagram: chosen diagram type/format, axis, column, or row labels, chosen spacings, chosen subdivisions, years, assignments, the legend.

Finally, it involves describing the **statement being made:** Is a **comparison** being sought? Is a **development** being shown? Is a **distribution** being depicted?

Working with Diagrams & Statistics

Name: Date:

Describe the trends in employment changes across sectors as depicted in the horizontal stacked bar chart. Focus on the sectors that experienced the most significant growth and decline.

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Explain the potential factors that could have influenced the employment changes in the 'Private education and health services' sector and the 'Mining and logging' sector.

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