

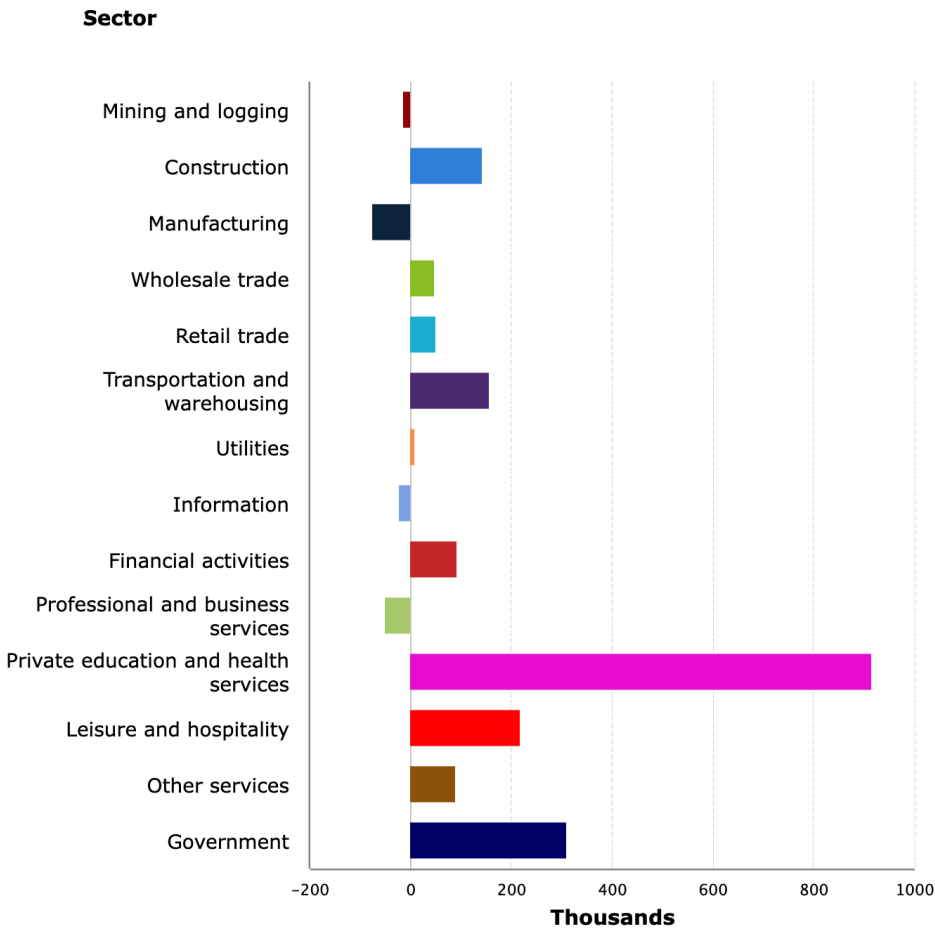
# Working with Diagrams & Statistics



Name:

Date:

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



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.**

---

---

---

---

---

---

---

---

---

---

**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.**

---

---

---

---

---

---

---

---

---

---