Graph of the Week

January _____ 2024

Analyze the graphs below and write a reflection on what you think the graphs are communicating to you. To guide you with your response, start with some observations.

- What is the topic of the graph?
- What quantities are being compared?
- What are some observations that you can make based on the graphs?
- What surprises you about the graph? What do you wonder?
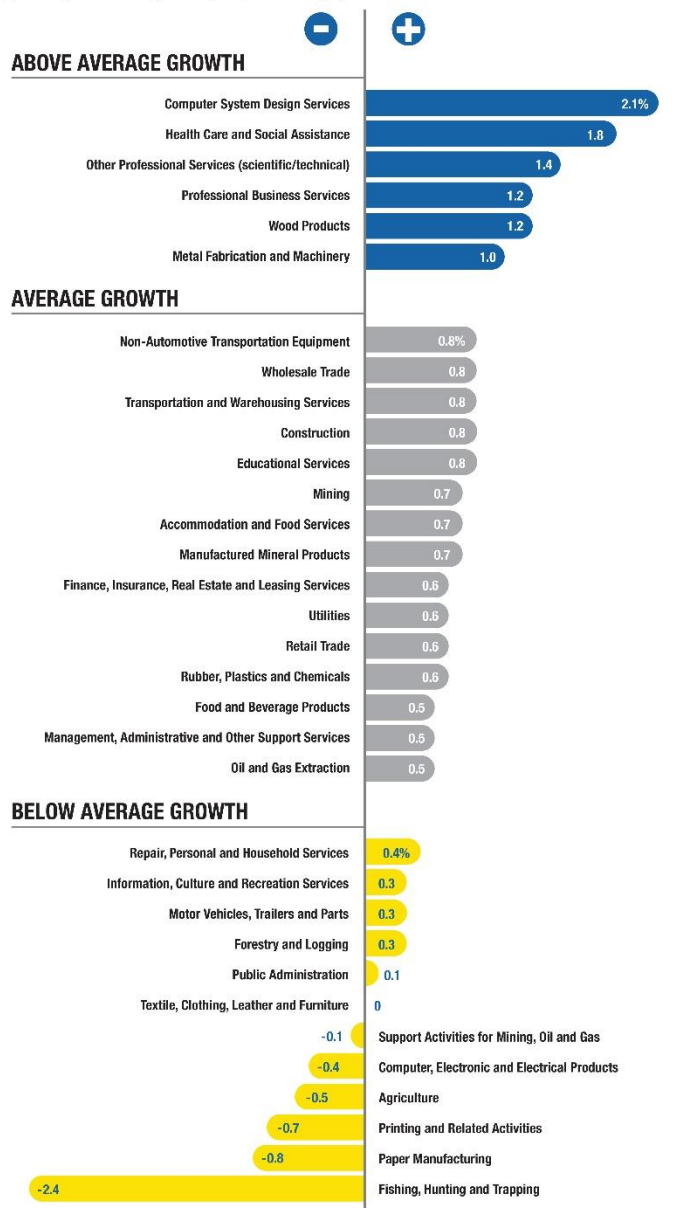- What do you foresee happening in the next 10 years?

> **Questions to ask when reading graphs:**
>
> - Is there an upward or downward trend?
> - Are there any sudden spikes in the graph?
> - What is being compared in the graph?
> - What prediction can I make for the future?
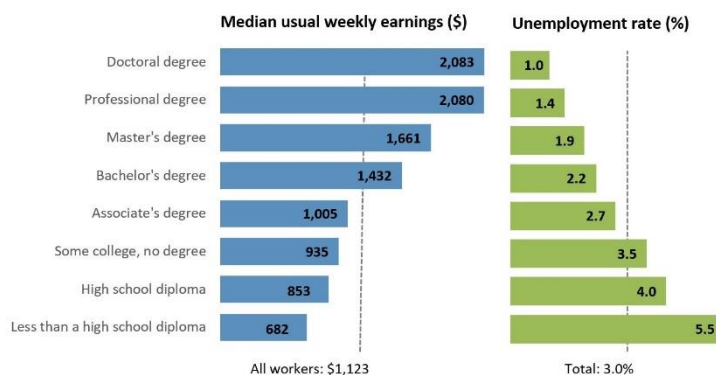> - What inferences can I make about the graph?

Projected Employment Growth by Industry, 2015-2024
(average annual growth, in percentage)

ABOVE AVERAGE GROWTH

Industry	Growth
Computer System Design Services	2.1%
Health Care and Social Assistance	1.8
Other Professional Services (scientific/technical)	1.4
Professional Business Services	1.2
Wood Products	1.2
Metal Fabrication and Machinery	1.0

AVERAGE GROWTH

Industry	Growth
Non-Automotive Transportation Equipment	0.8%
Wholesale Trade	0.8
Transportation and Warehousing Services	0.8
Construction	0.8
Educational Services	0.8
Mining	0.7
Accommodation and Food Services	0.7
Manufactured Mineral Products	0.7
Finance, Insurance, Real Estate and Leasing Services	0.6
Utilities	0.6
Retail Trade	0.6
Rubber, Plastics and Chemicals	0.6
Food and Beverage Products	0.5
Management, Administrative and Other Support Services	0.5
Oil and Gas Extraction	0.5

BELOW AVERAGE GROWTH

Industry	Growth
Repair, Personal and Household Services	0.4%
Information, Culture and Recreation Services	0.3
Motor Vehicles, Trailers and Parts	0.3
Forestry and Logging	0.3
Public Administration	0.1
Textile, Clothing, Leather and Furniture	0
Support Activities for Mining, Oil and Gas	-0.1
Computer, Electronic and Electrical Products	-0.4
Agriculture	-0.5
Printing and Related Activities	-0.7
Paper Manufacturing	-0.8
Fishing, Hunting and Trapping	-2.4

SOURCE: ESDC 2015 COPS INDUSTRIAL SCENARIO (PROJECTIONS)

Earnings and unemployment rates by educational attainment, 2022

	Median usual weekly earnings ($)	Unemployment rate (%)
Doctoral degree	2,083	1.0
Professional degree	2,080	1.4
Master's degree	1,661	1.9
Bachelor's degree	1,432	2.2
Associate's degree	1,005	2.7
Some college, no degree	935	3.5
High school diploma	853	4.0
Less than a high school diploma	682	5.5

All workers: $1,123   Total: 3.0%

Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary workers.
Source: U.S. Bureau of Labor Statistics, Current Population Survey.

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____