Workforce Diversity Analysis using Google DEI Dataset

Total employed in thousands by year and sector

Legend:
- Education and health services
- Professional and business services
- Manufacturing
- Wholesale and retail trade
- Leisure and hospitality
- Financial activities
- Transportation and utilities
- Other services
- Public administration
- Construction
- Information
- Agriculture, forestry, fishing, and hunting
- Mining, quarrying, and oil and gas extraction
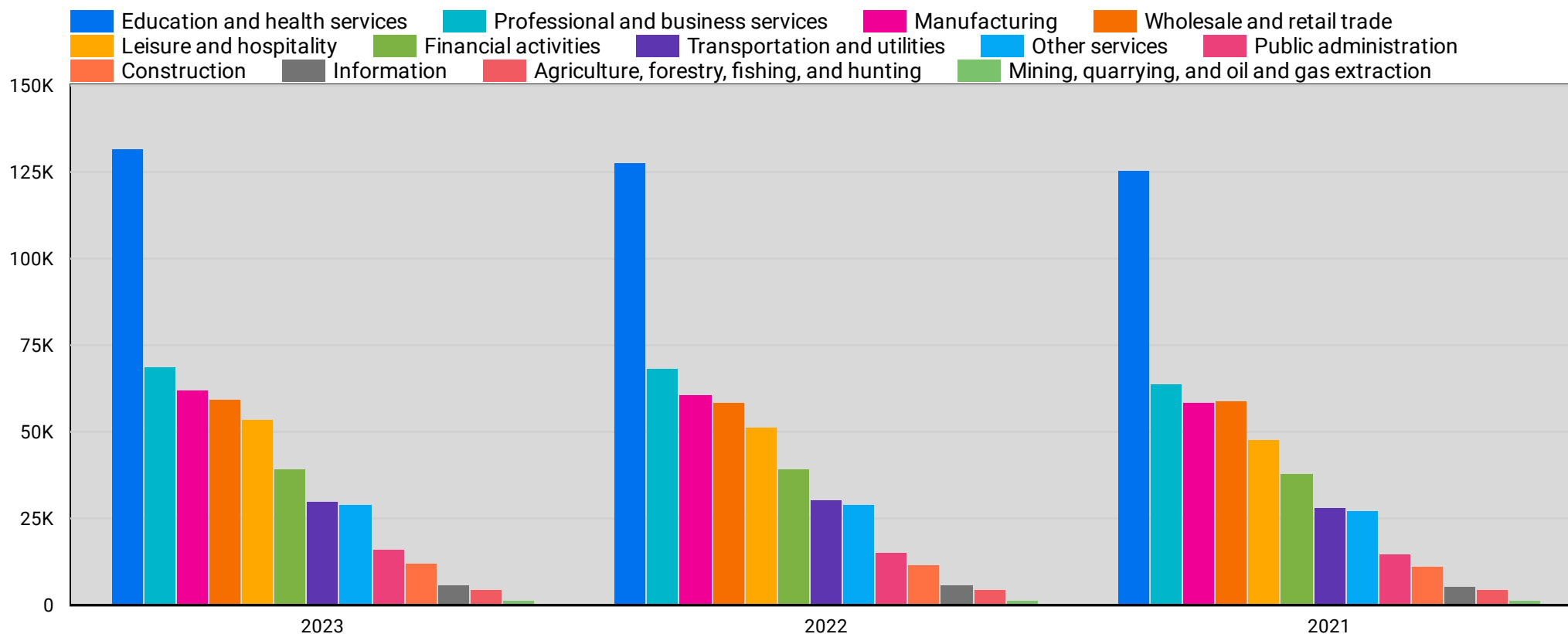
This report visualizes U.S. workforce employment data by sector from 2021 to 2023 using Google's DEI public dataset. Data was processed in BigQuery using SQL (ROW_NUMBER() ranking by employment), and visualized in Looker Studio to identify top employing sectors and trends over time.

'Education and health services' sector had most number of employees (in thousands) over the years 2021-2023, followed by 'Professional and business services' sector. The sector 'Mining, quarrying and oil gas extraction' had the least number of employees for all three years.

Change in percentage of women employed in each sector from 2021 to 2023
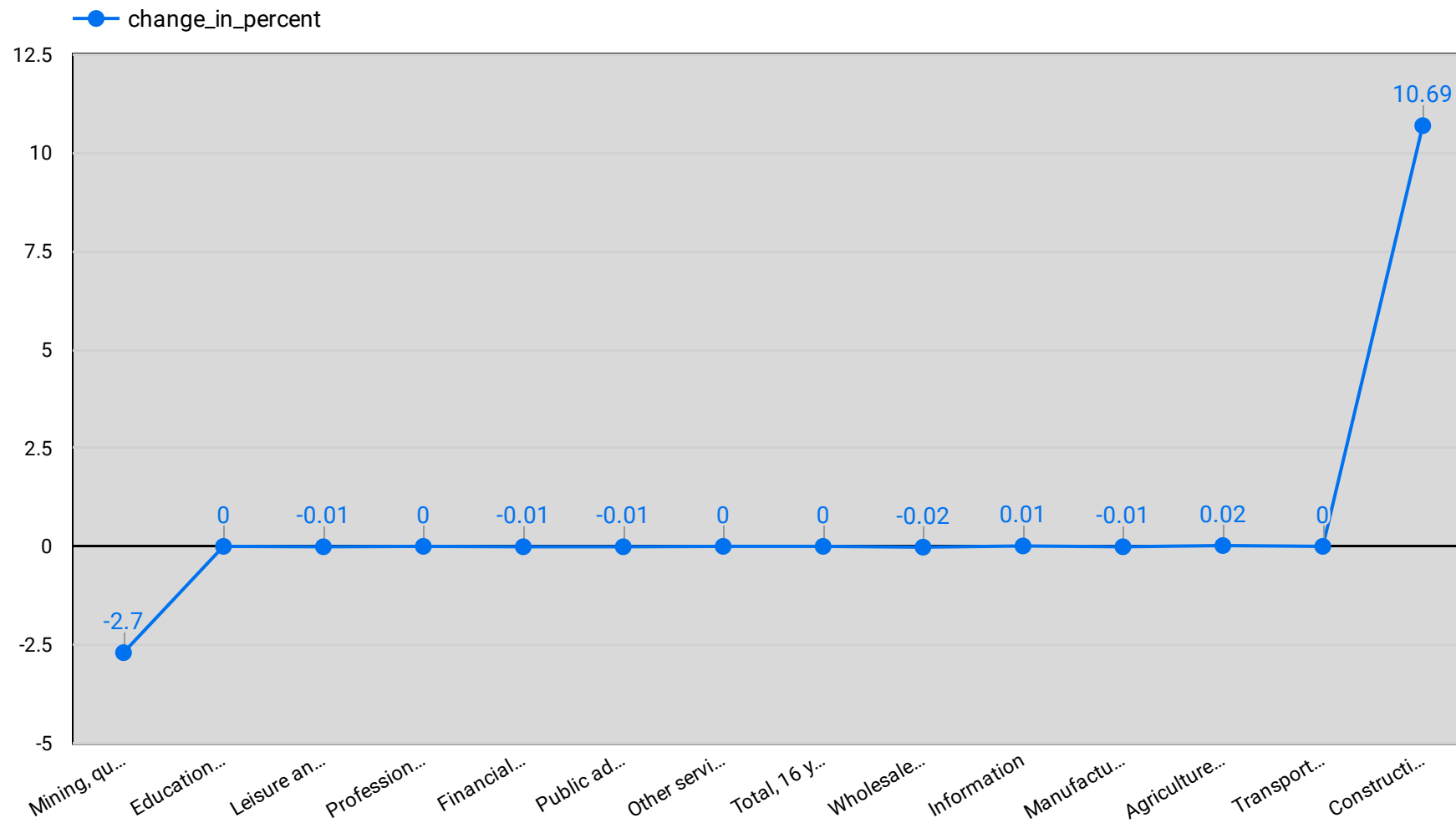
Construction saw the highest rise in female workforce (+10.7%) from 2021 to 2023, while most sectors remained unchanged. Mining experienced the largest drop (-2.7%).