What kinds of jobs are there for ChE students?

Where are those jobs?
Analysis of BYU ChE Alumni Data

- Data obtained from BYU Alumni database
- Restricted to those with at least one ChE degree from BYU
- Only 1151 people entered the name of their employer
  - Classified into categories by Dr. Fletcher
- 1848 people entered the name of the State where they reside
What is the point here?
Types of Jobs
(1151 people)

Number of People

Types of Jobs

Chemicals
Oil
Education (faculty and grad students)
Semiconductors
Aerospace
Energy
Non-Profit Organization
Medicine
Law
Military/Defense
Computing/Software
Food/Agriculture
Finance
Environmental
Government
National Lab
Manufacturing (Parts)
Bio
Mining/Minerals/Metallurgy
Construction/Architecture
Materials
Automotive/Heavy Equipment
Engineering Design
Unknown
Nuclear
Pharmaceutical
Process Control & Equipment
Pulp & Paper
Communications/Movies
Information Technology
Batteries
Business
Dental
Insurance
Cosmetics
Paint
Retired
Homemaker
Real Estate
Accounting
Interior Design
Packaging
What is the point here?

- Only 30% of BYU students are from Utah
- 30% of BYU ChE alumni live in Utah
National Data

WHERE THE CHEMISTS ARE California, Texas, Florida, North Carolina, Illinois, Michigan, Ohio, and the Northeast employ the most chemists.

WHERE THE CHEMICAL ENGINEERS ARE California, Texas, Louisiana, South Carolina, Virginia, Illinois, Michigan, Ohio, and the Northeast employ the most chemical engineers.

Note: Employment of chemists (left) and chemical engineers (right) by state, May 2012. Ranges are defined by the Bureau of Labor Statistics and are not continuous.

Source: Bureau of Labor Statistics

Taken from C&E News, Nov. 4, 2013, p. 42.