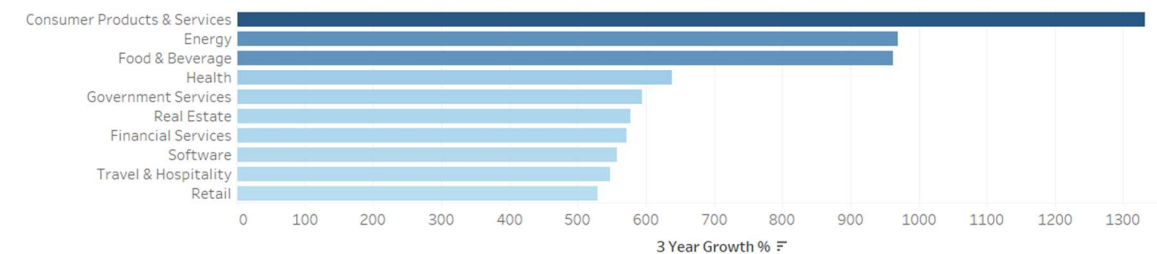


The 2014 Inc. 5000

'The Inc. 5000' is Inc. Magazine's yearly list of the 5000 fastest growing privately held companies in the US. Here I will be using the Inc. 5000 dataset from 2014.

- **Which industries saw the most growth?**

Top 10 Industries by Growth

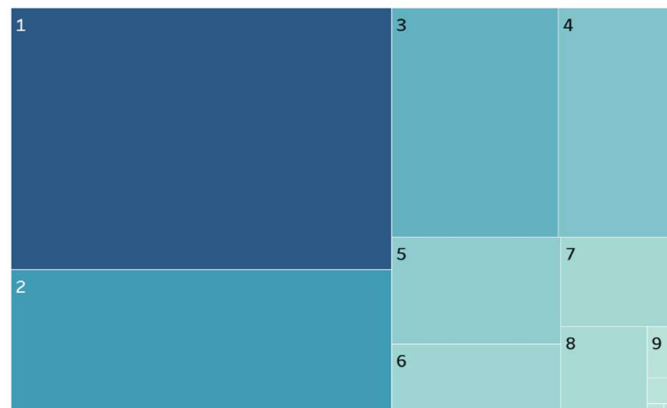


Visualising the average of the 3-year growth for each industry in the dataset, sorting from largest to smallest, and filtering the results to view only the top 10, we can see that Consumer Products & Services, followed by Energy, and then Food & Beverage, were the industries that saw the highest average growth by company in 2014.

- **Do companies that have been on this list longer have a higher chance of appearing again in this list?**

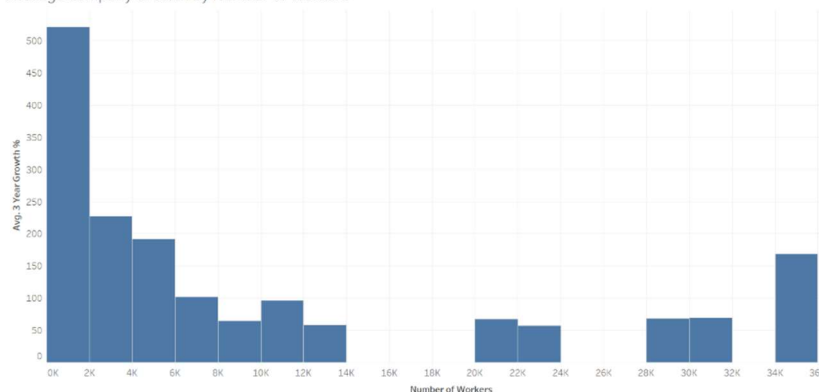
As shown by this tree map displaying the count of companies for each number of years on the list, most companies on the Inc. 5000 list only appear once, then twice etc. This suggests that once companies experience rapid growth and make the list, they do not often maintain this growth and continue to make the list for many years later. In other words, the chances of appearing again on the list seems to decrease over time.

Company Count by Number of Years on List



- **Does the number of workers in the company affect the growth of the company?**

Average Company Growth by Number of Workers

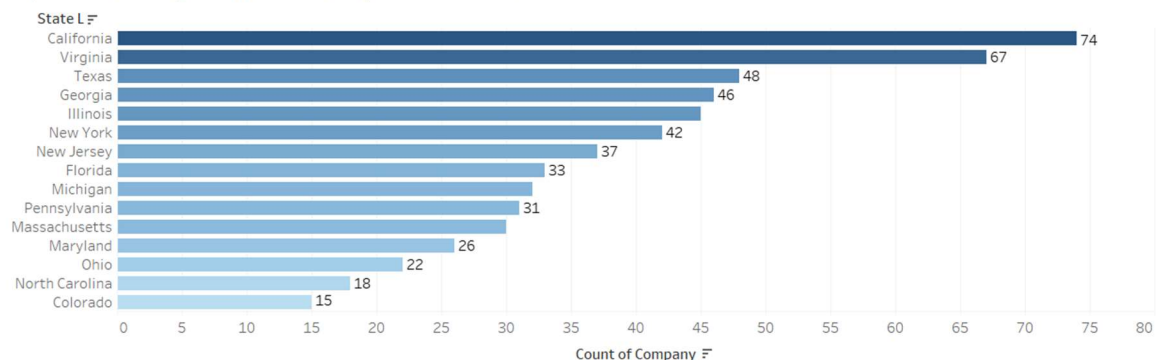


To investigate number of workers vs company growth, I put the companies into bins based on their number of workers and plotted this against average 3-year growth percentage for each bin. I found that

companies with the smallest number of employees (0 - 2000) had by far the largest average growth (521.4%), and then the growth generally decreases as the employee number increases to 14,000. Above this size of company, the average growth is not really affected, until the last bin (34,000 - 36,000 employees) where the average growth increases again to 169%. In general, the greater the number of workers in the company, the smaller the growth of the company.

- **Which state can you find most of the IT companies in?**

Top 15 States by Number of Companies in IT Services



As shown in this bar chart, the top state for number of IT companies is California, with 74 companies in IT Services.

- **Which cities have seen the most growth?**

To answer this question I created a bubble chart in which each bubble represents a city, and the size and colour of the bubbles corresponds to the average 3 year percentage growth of companies within that city. The labels display city names plus the value for average growth, and only the top 10 cities by average growth are displayed for readability. This shows that the cities of Maynard, El Segundo and Palmetto have seen the most growth in this year.

Top 10 Cities by Average Growth %

