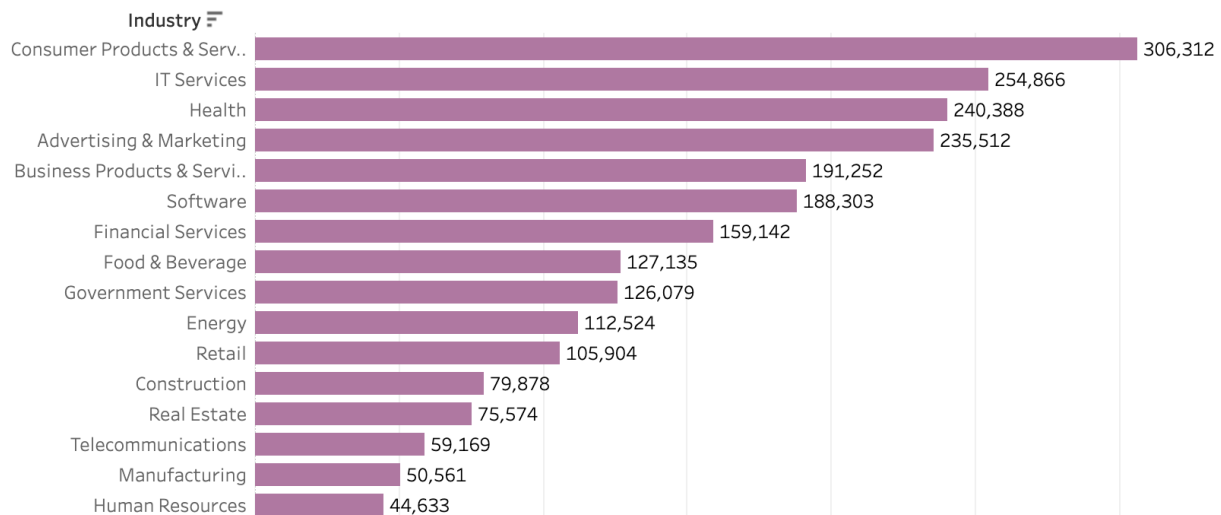


Using the 2014 Inc. 5000 dataset on Tableau Public. Some graphs may be truncated due to size. I've made sure to include the parts relevant to the question asked. Full graph [https://public.tableau.com/views/Data\\_visualisation\\_task/Sheet2?:language=en-US&:sid=&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/Data_visualisation_task/Sheet2?:language=en-US&:sid=&:display_count=n&:origin=viz_share_link)

### Q. Which industries saw the most growth?

Columns	SUM(Growth)
Rows	Industry

Sheet 1

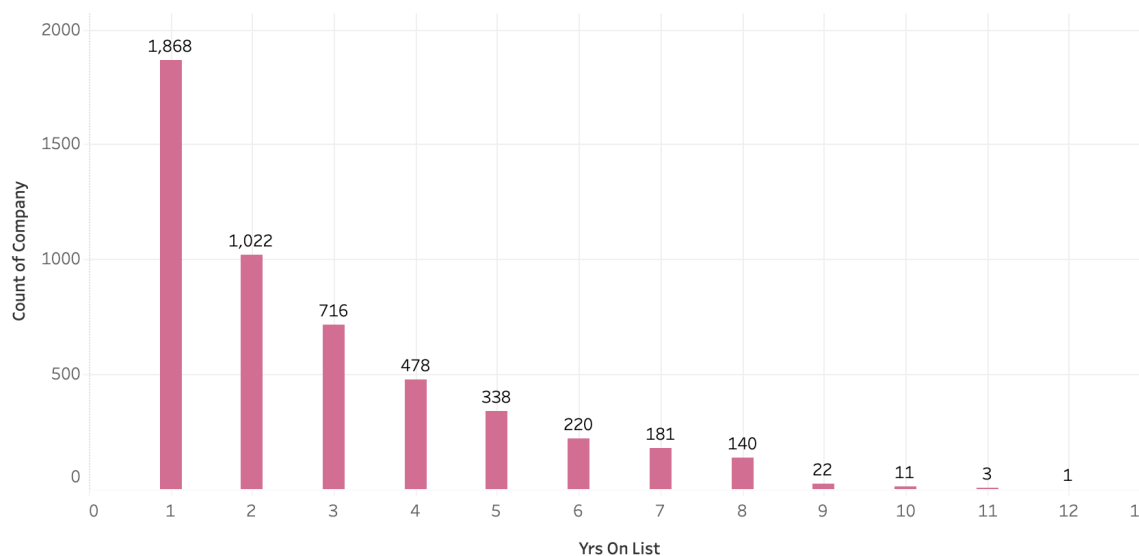


Growth was the highest in Consumer Products and Services, followed by IT services and Health industries.

### Q. Do companies that have been on this list longer have a higher chance of appearing again in the list?

Columns	Yrs On List
Rows	CNT(Company)

Sheet 2



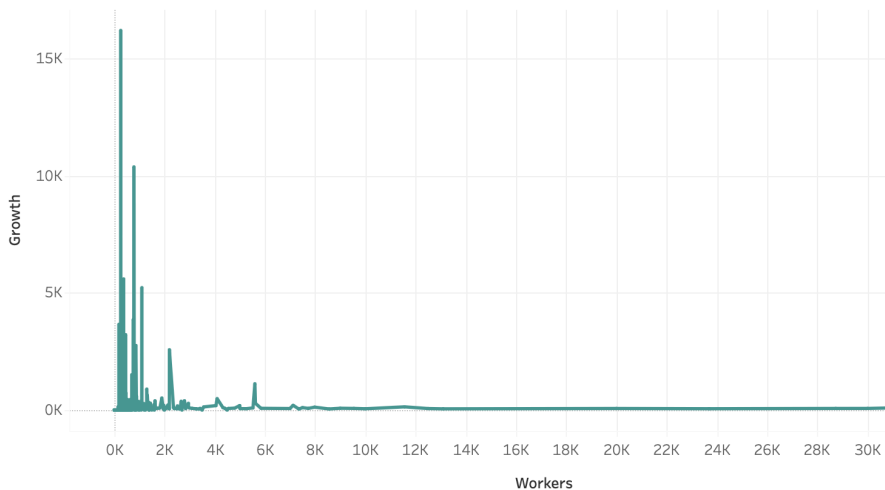
Assuming the trend stays approximately consistent, the answer is yes. The probability of companies that have been on the list for 3 years showing up in next year's list ( $478/716 = 66.7\%$ ) is higher than the probability of companies that have shown up for the first time being in next year's list ( $1022/1868 = 54.7\%$ ). This trend largely continues until the 8 yr mark, at which point the trend breaks (9th year/8th year =  $22/140 = 15.7\%$  likelihood). Additionally, at this point the number of companies grows too small to be modelled with statistical significance. Overall, probability for a company to show up on this list is higher if the company has already been on the list for at least 1 year.

### Q. Does the number of workers in the company affect the growth of the company?

Yes. Small companies grow faster, while big corporations grow slower.

Columns	Workers
Rows	ATTR(Growth)

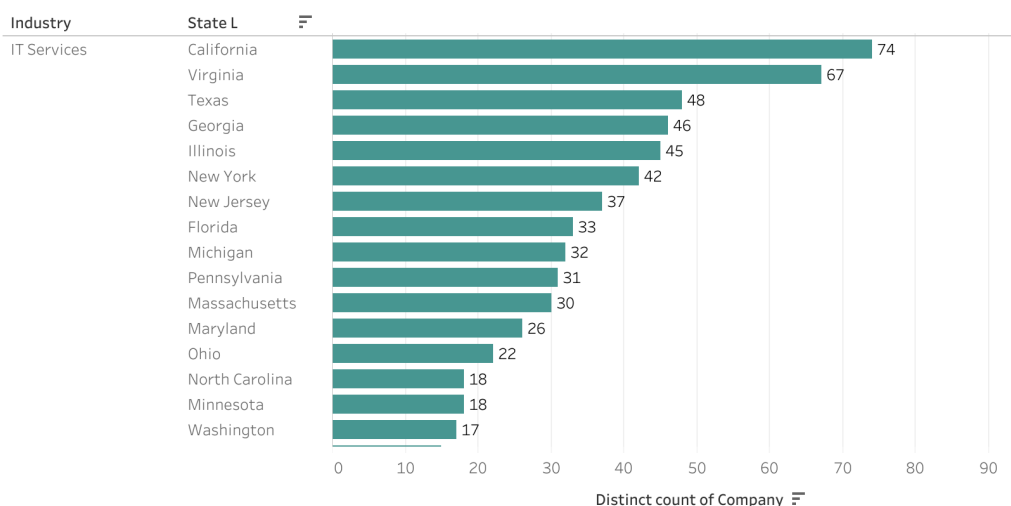
Sheet 3



### Q. Which state can you find the most IT companies in? California.

Columns	CNTD(Company)
Rows	Industry State L

Sheet 4



Q. Which cities have seen the most growth? Top 3 = El Segundo, New York, Arlington.

Columns	City
Rows	SUM(Growth)

Sheet 5

