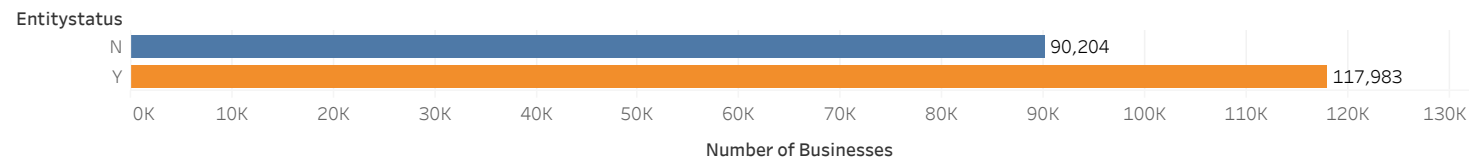


This visual is used to determine if my data set is balanced. It is not perfectly balanced but it looks close. I do think think I need to use Synthetic Minority Over-sampling Technique. An entity status of Y is an active business and N is an inactive business.

The data by city shows us something interesting. The city of Aurora has a much higher business failure rate than other cities.

EDA

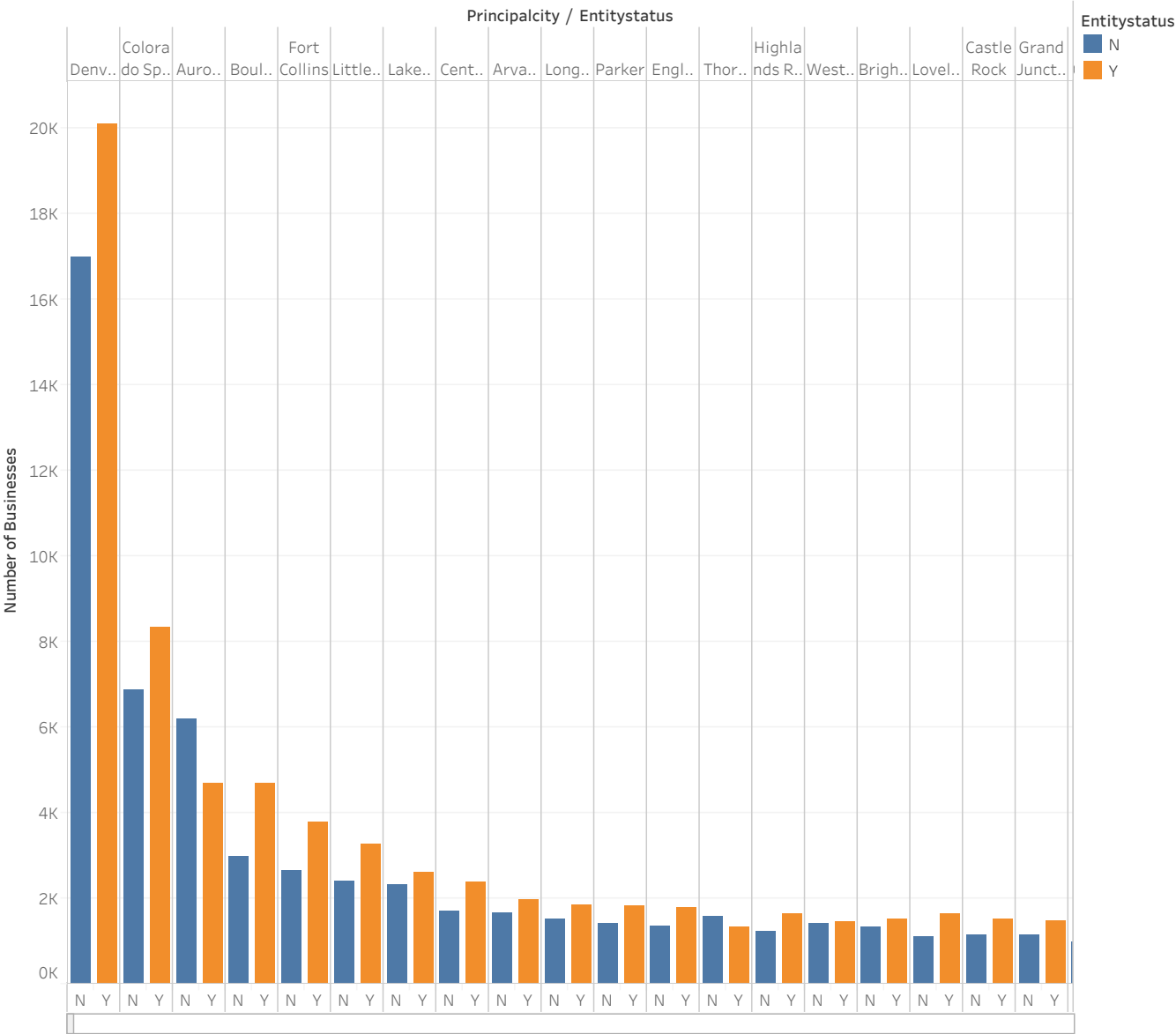


Sum of Number of Businesses for each Entitystatus. Color shows details about Entitystatus.

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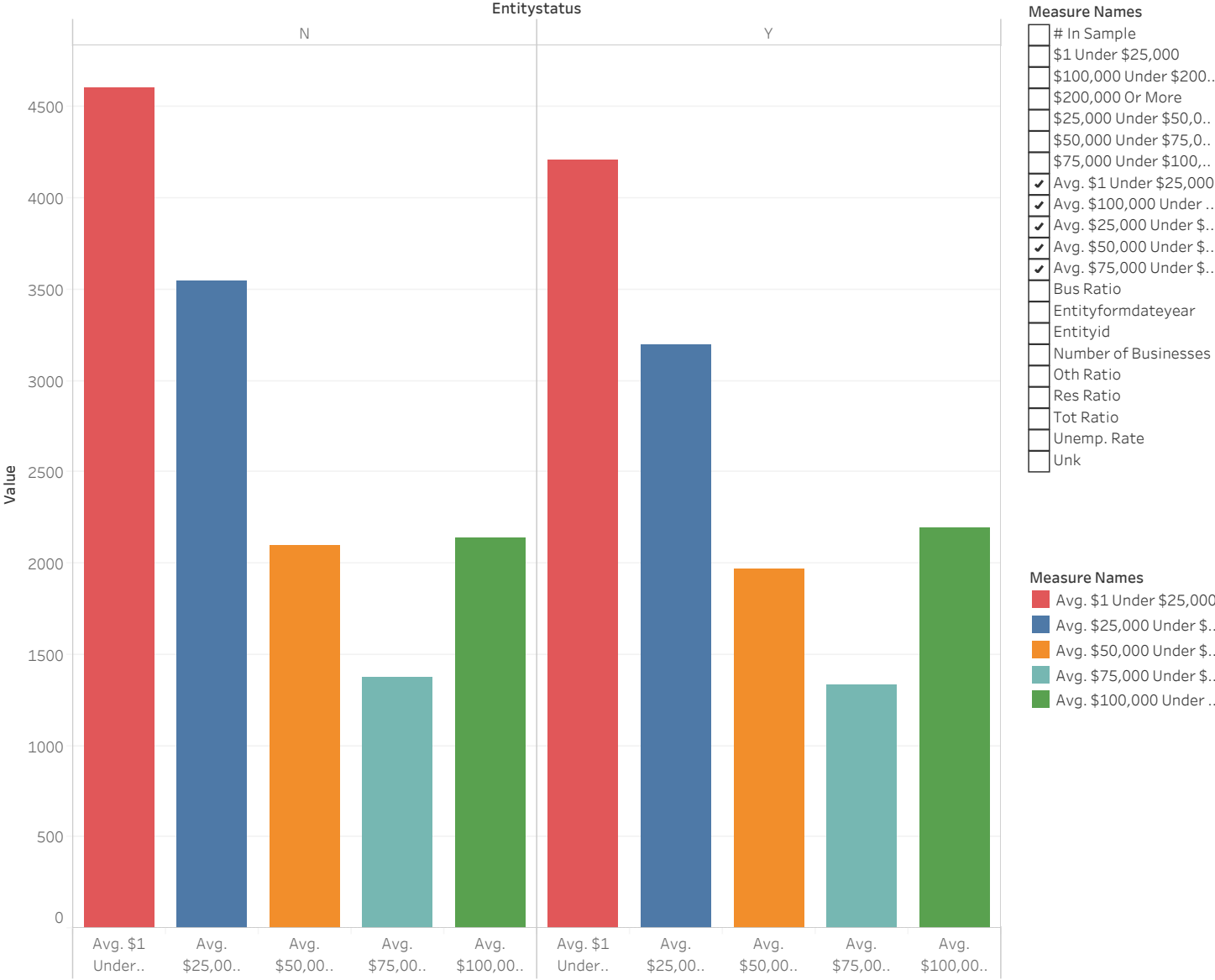
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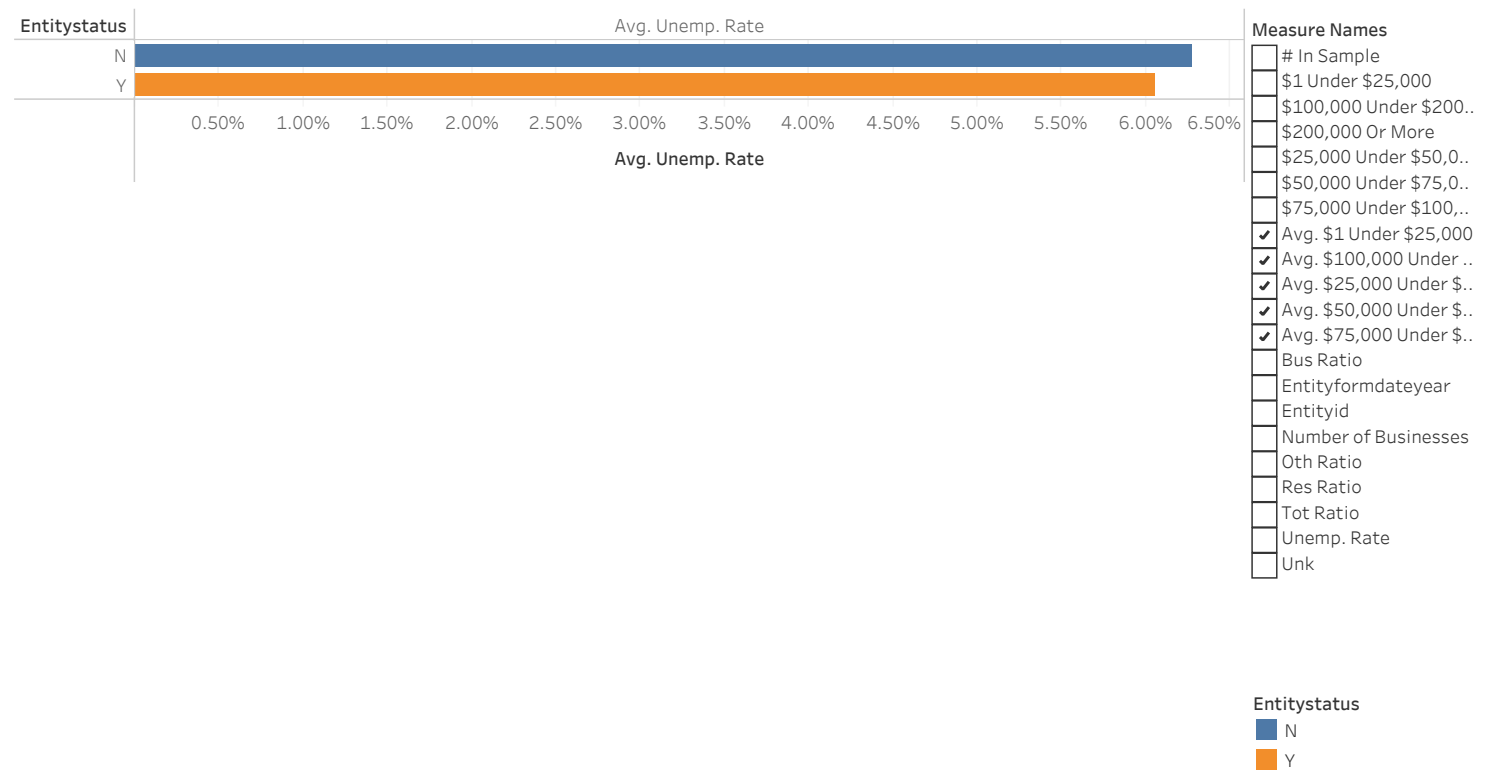
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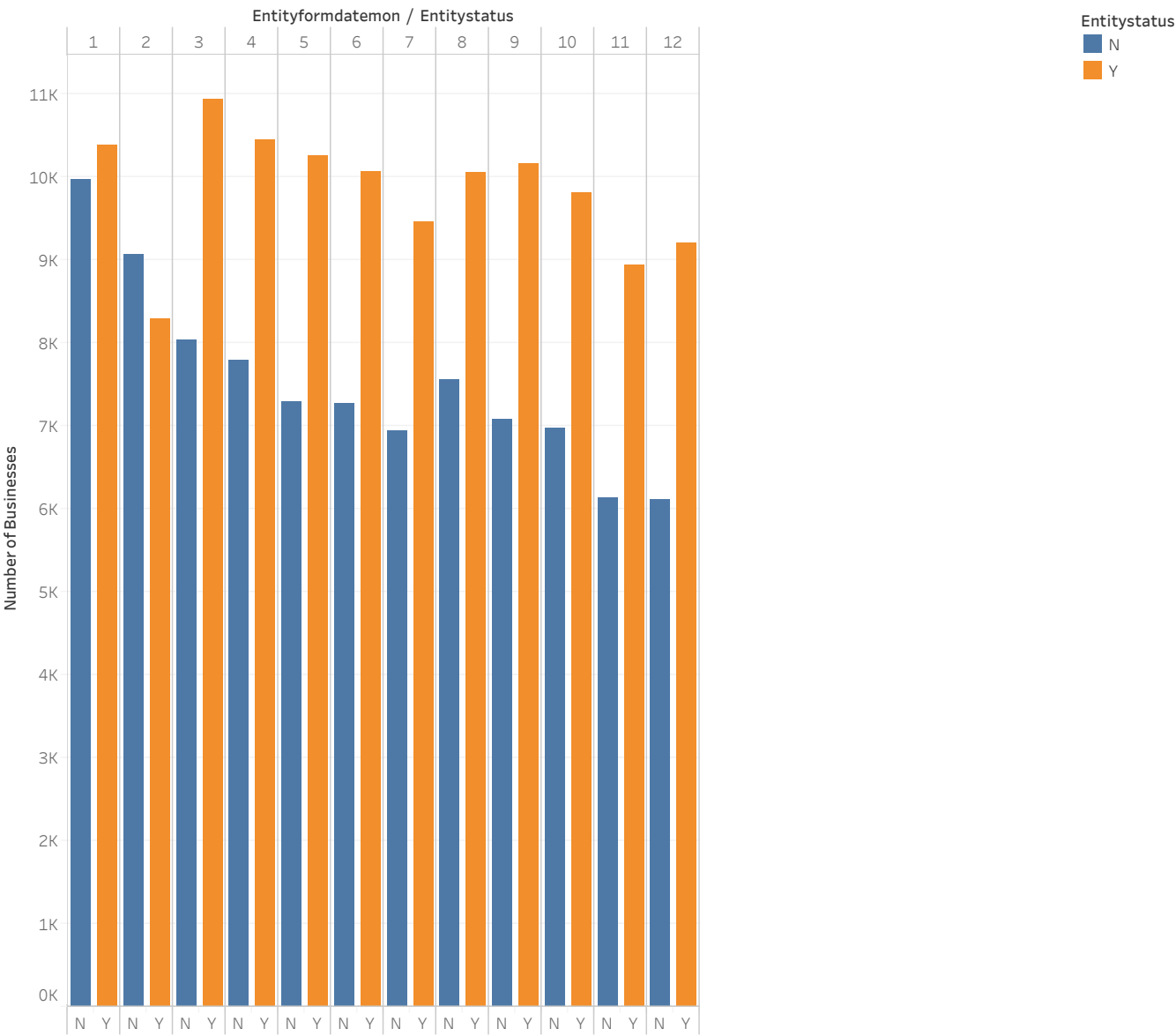
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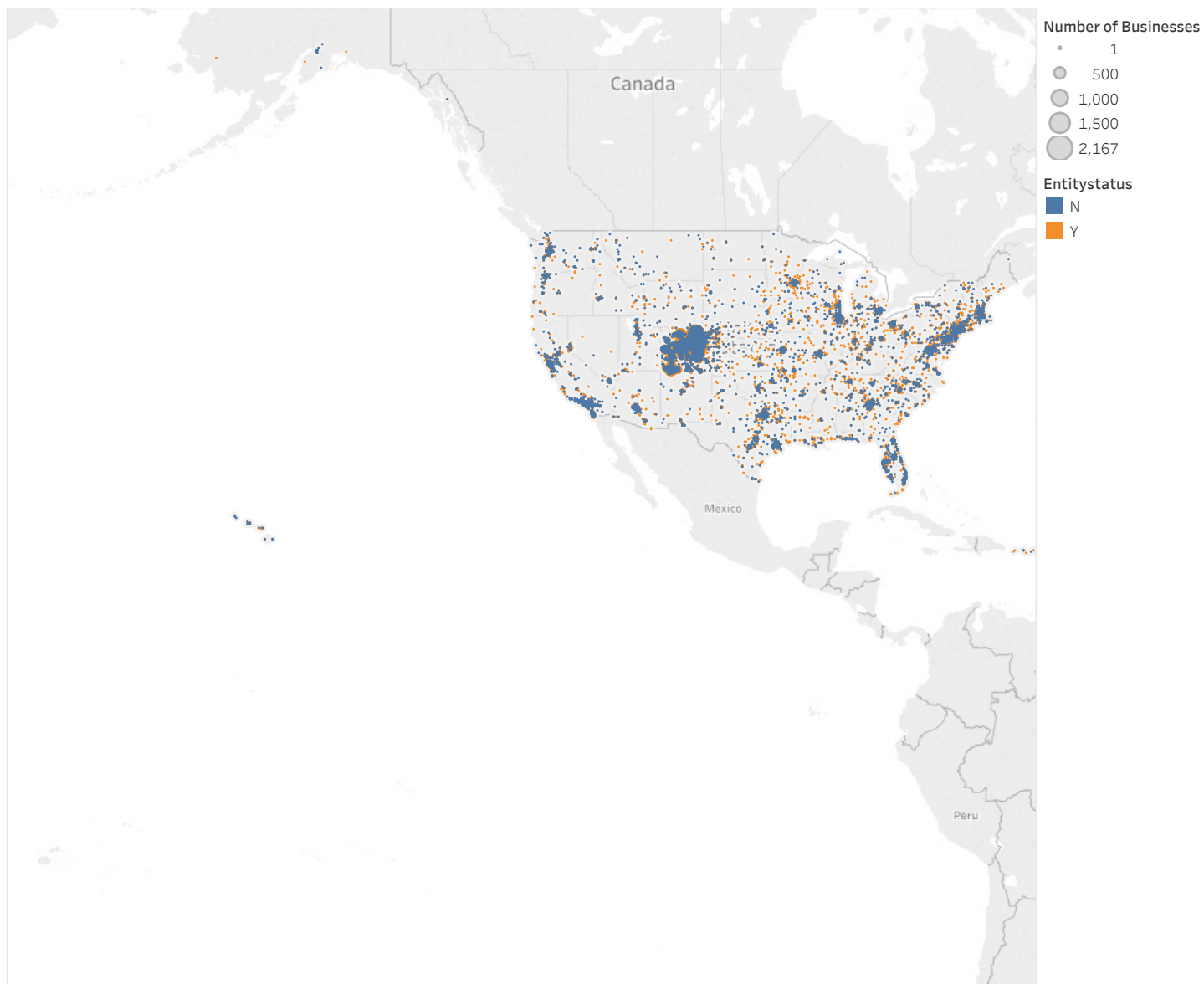
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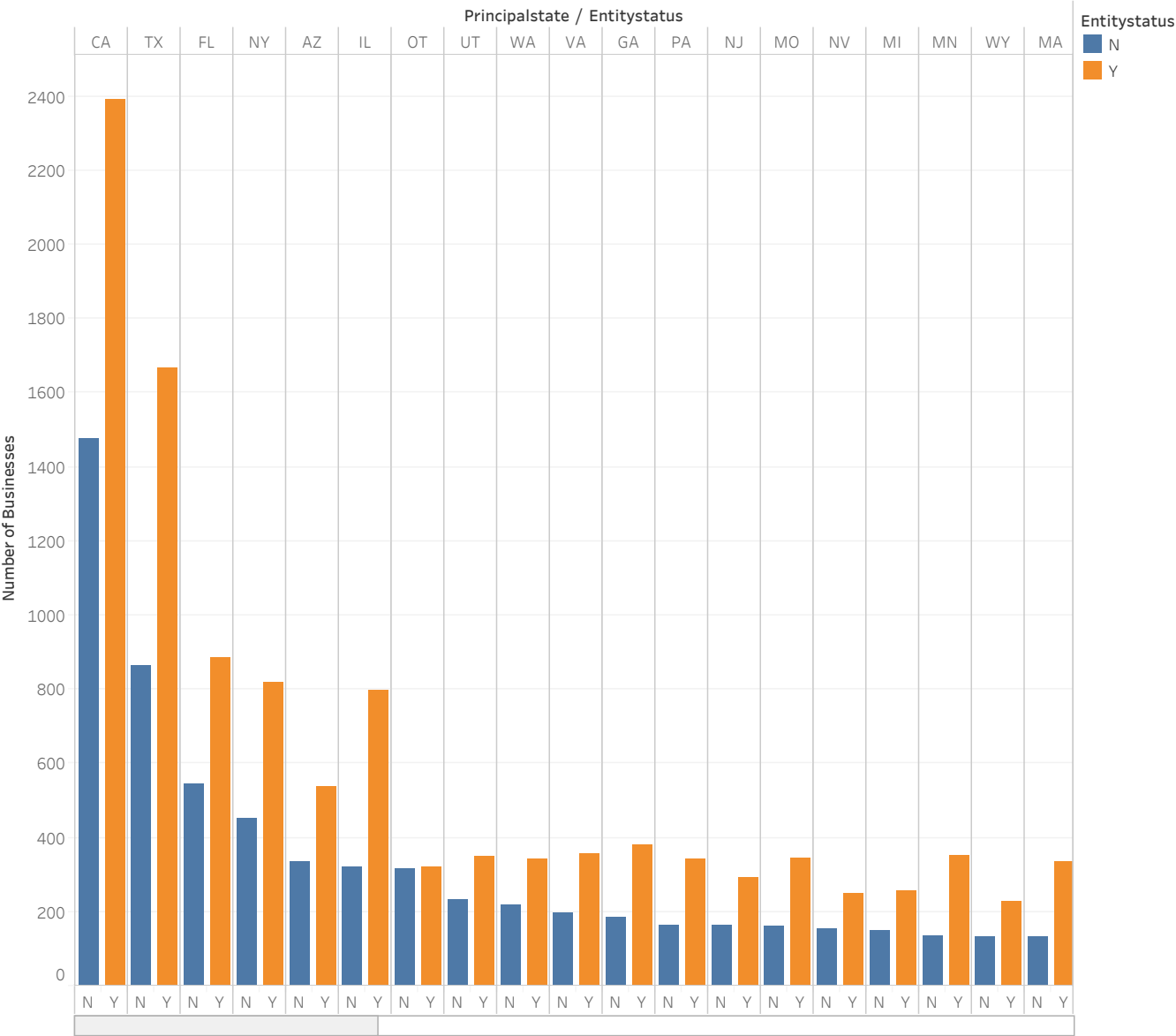
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