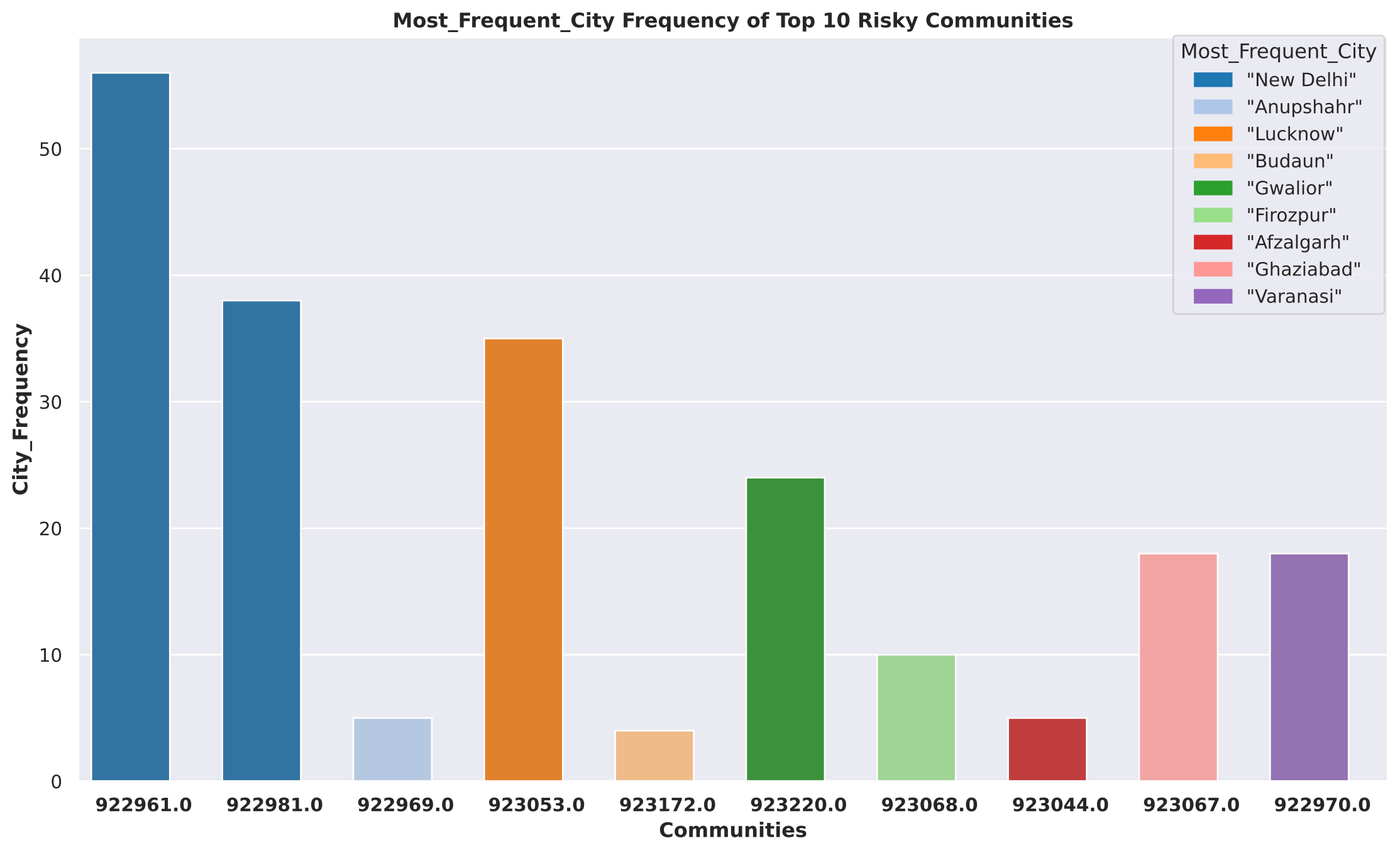
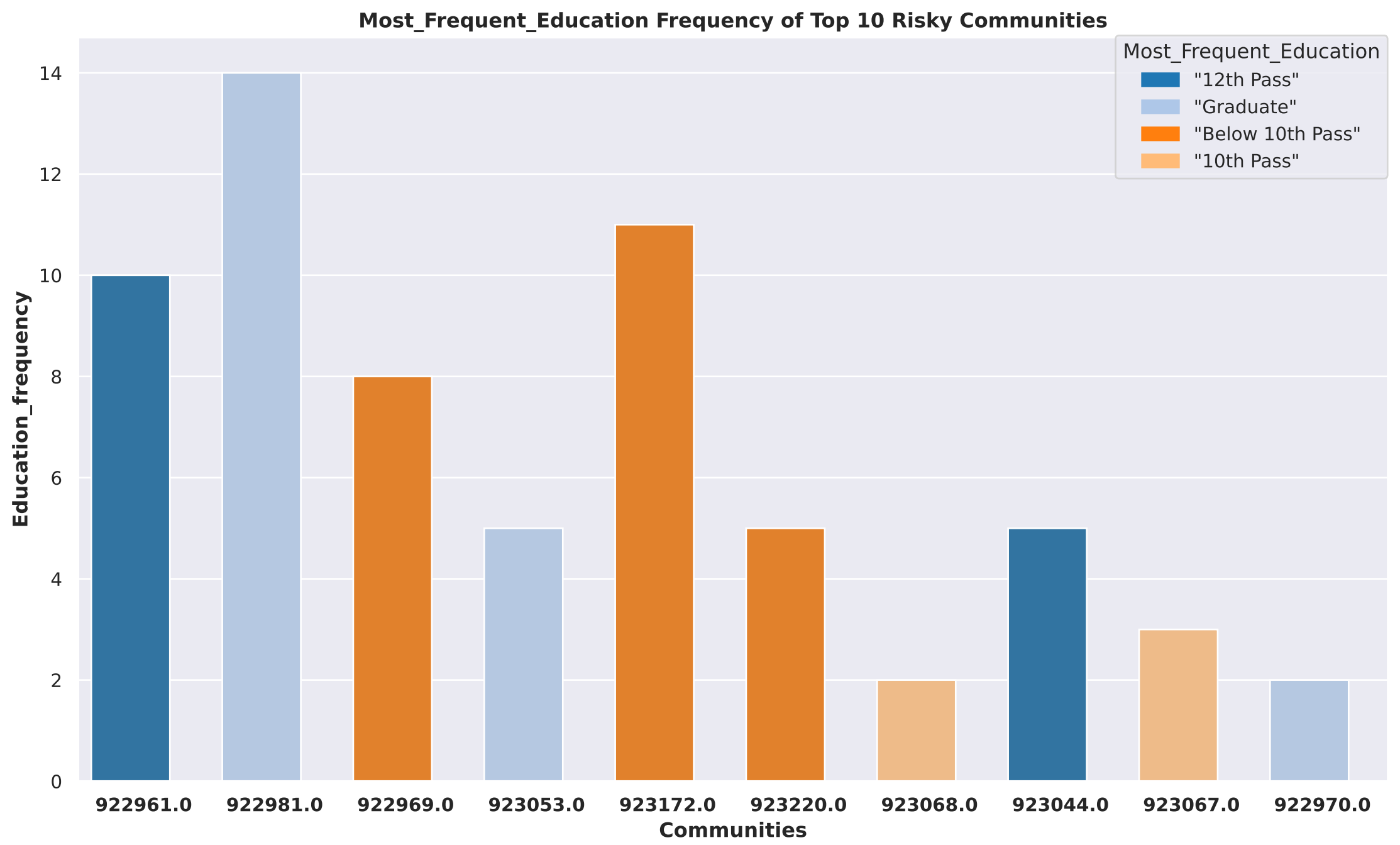
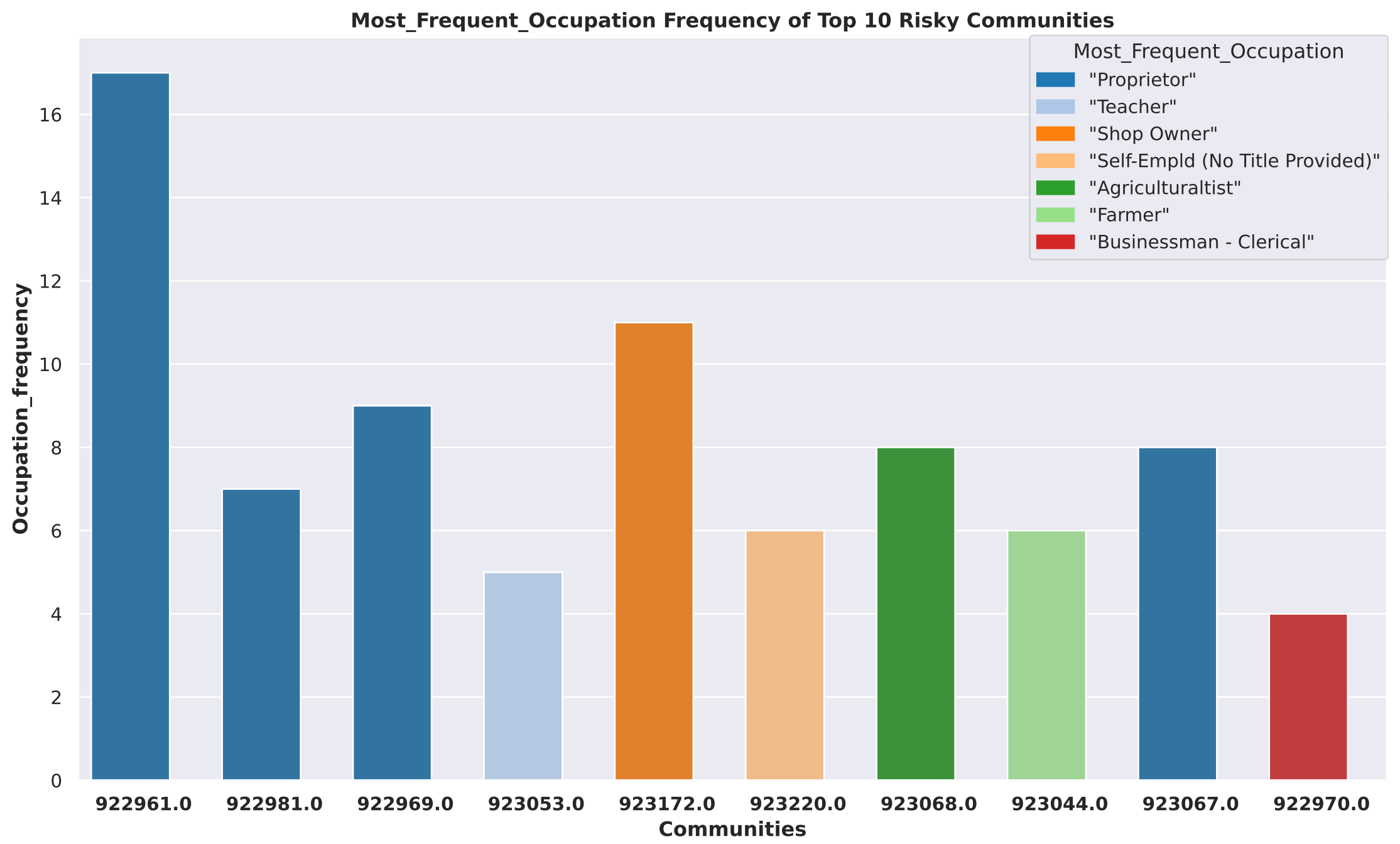


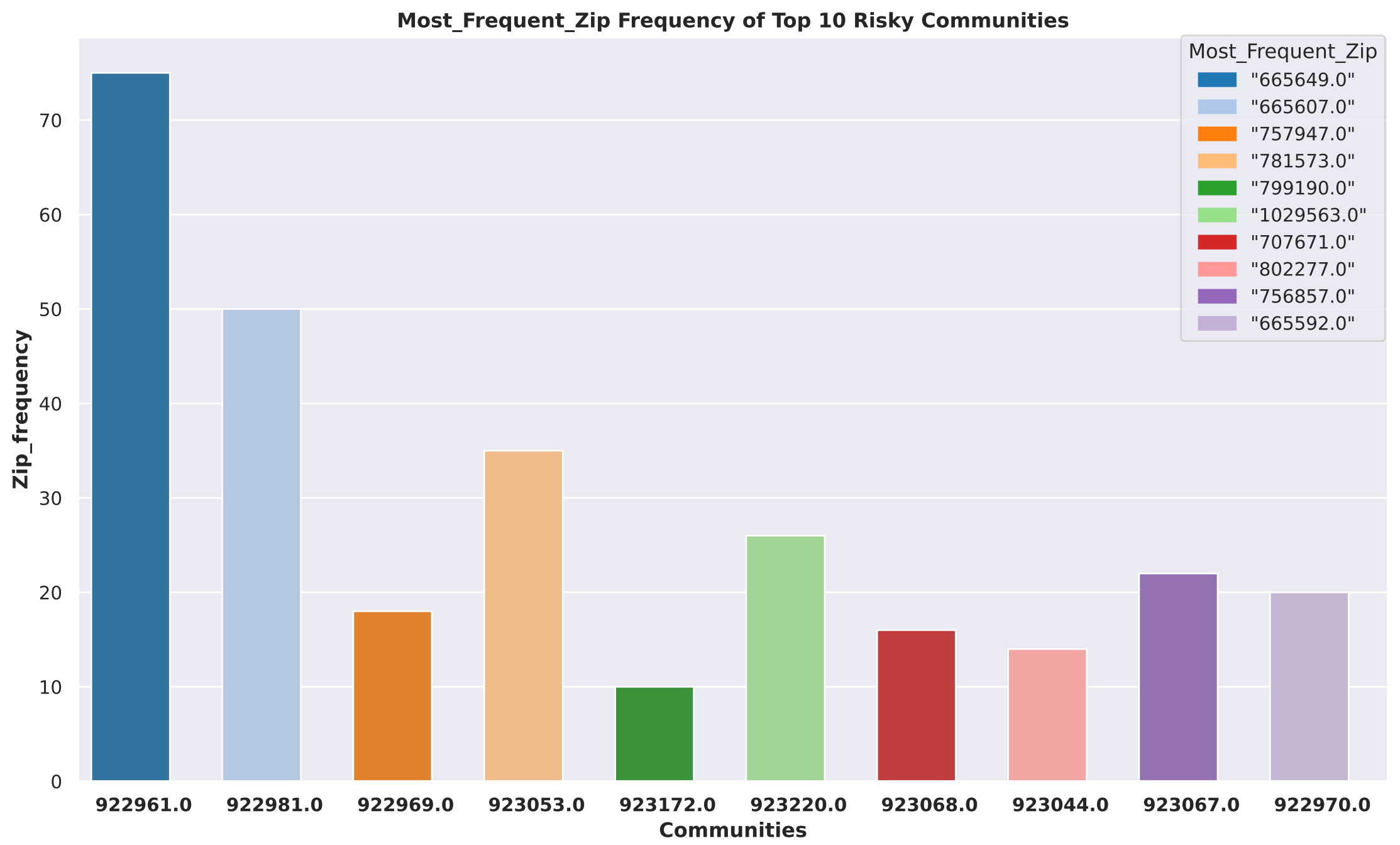
Description for Most_Frequent_City.



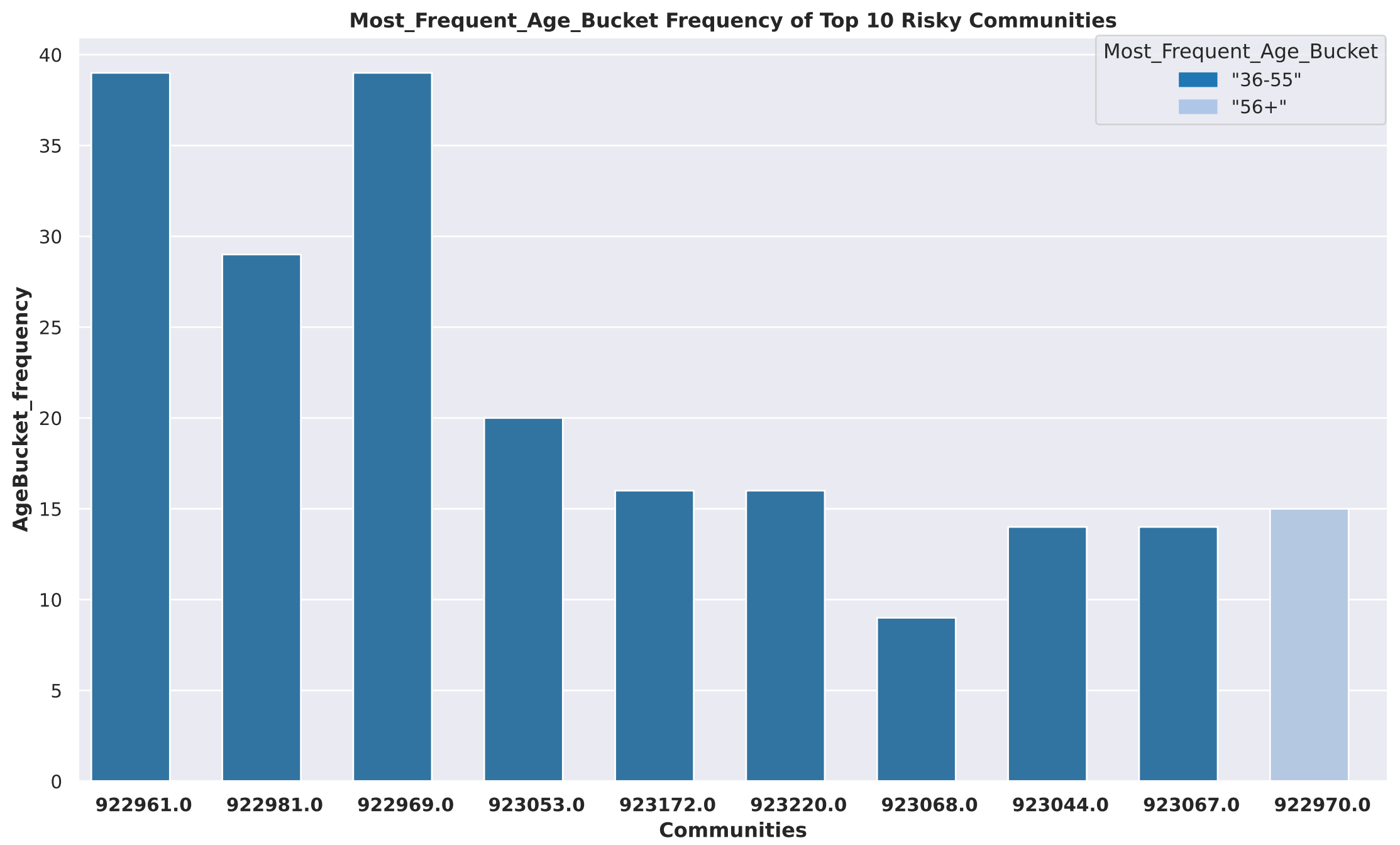
Description for Most_Frequent_Education.



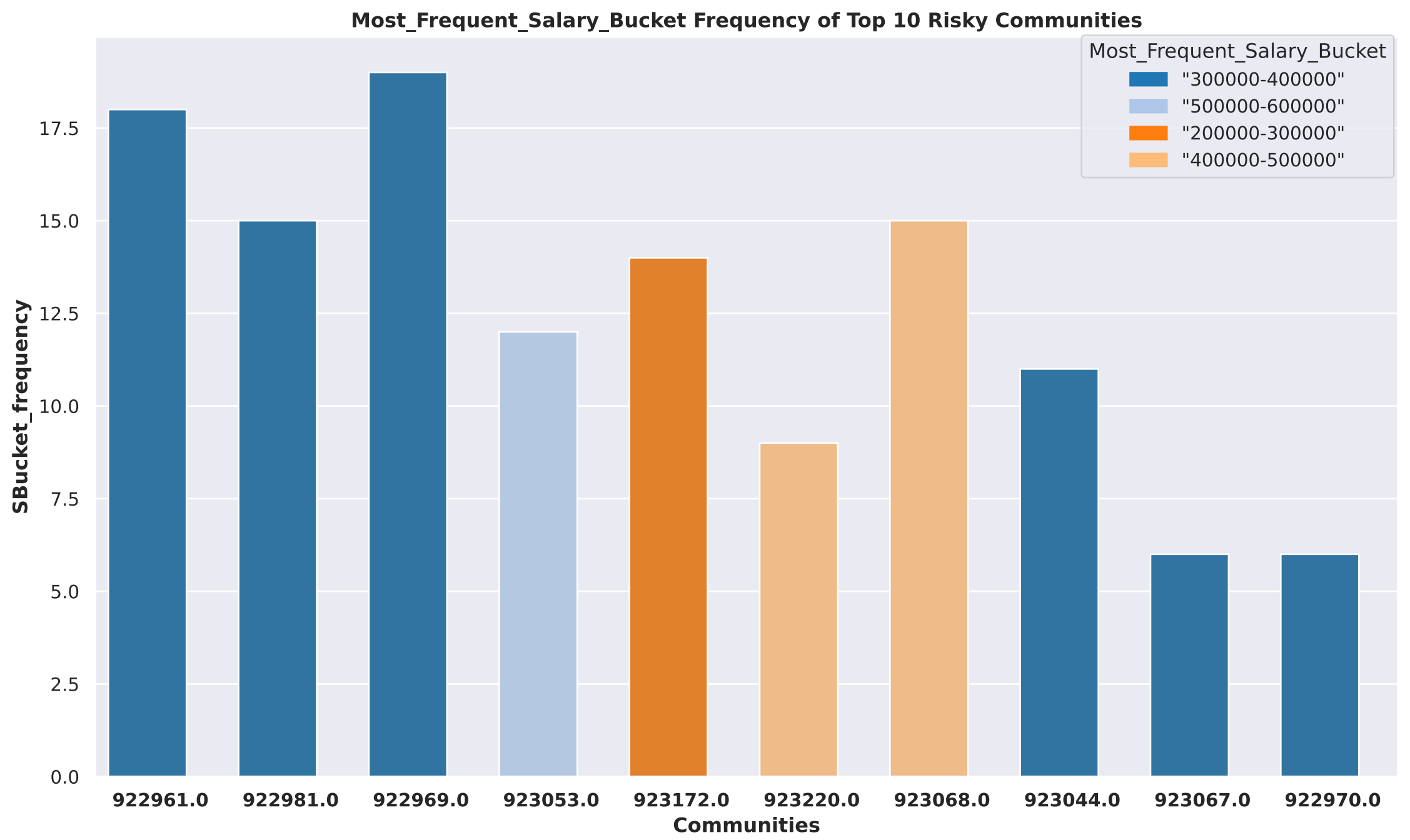
Description for Most_Frequent_Occupation.



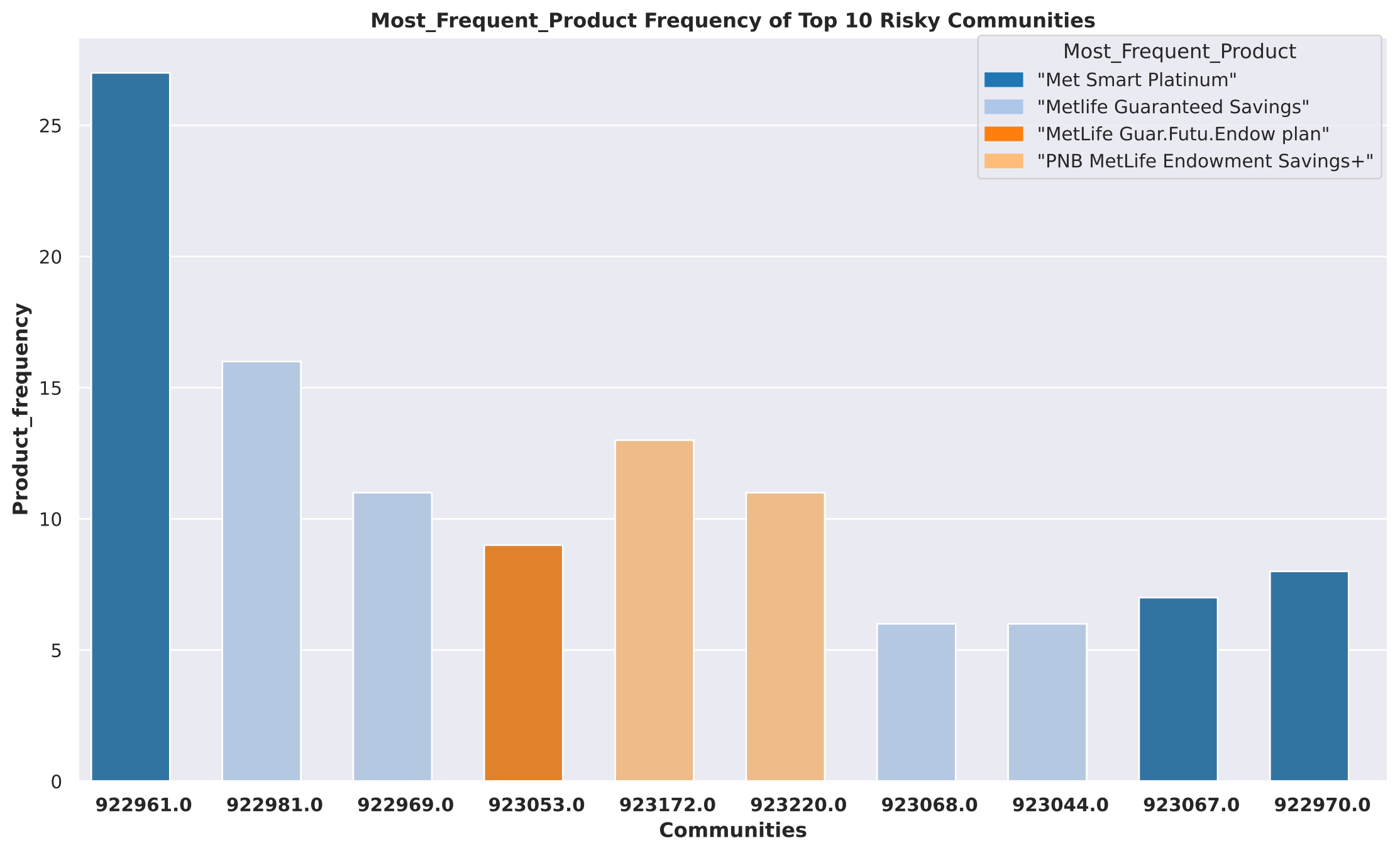
Description for Most_Frequent_Zip.



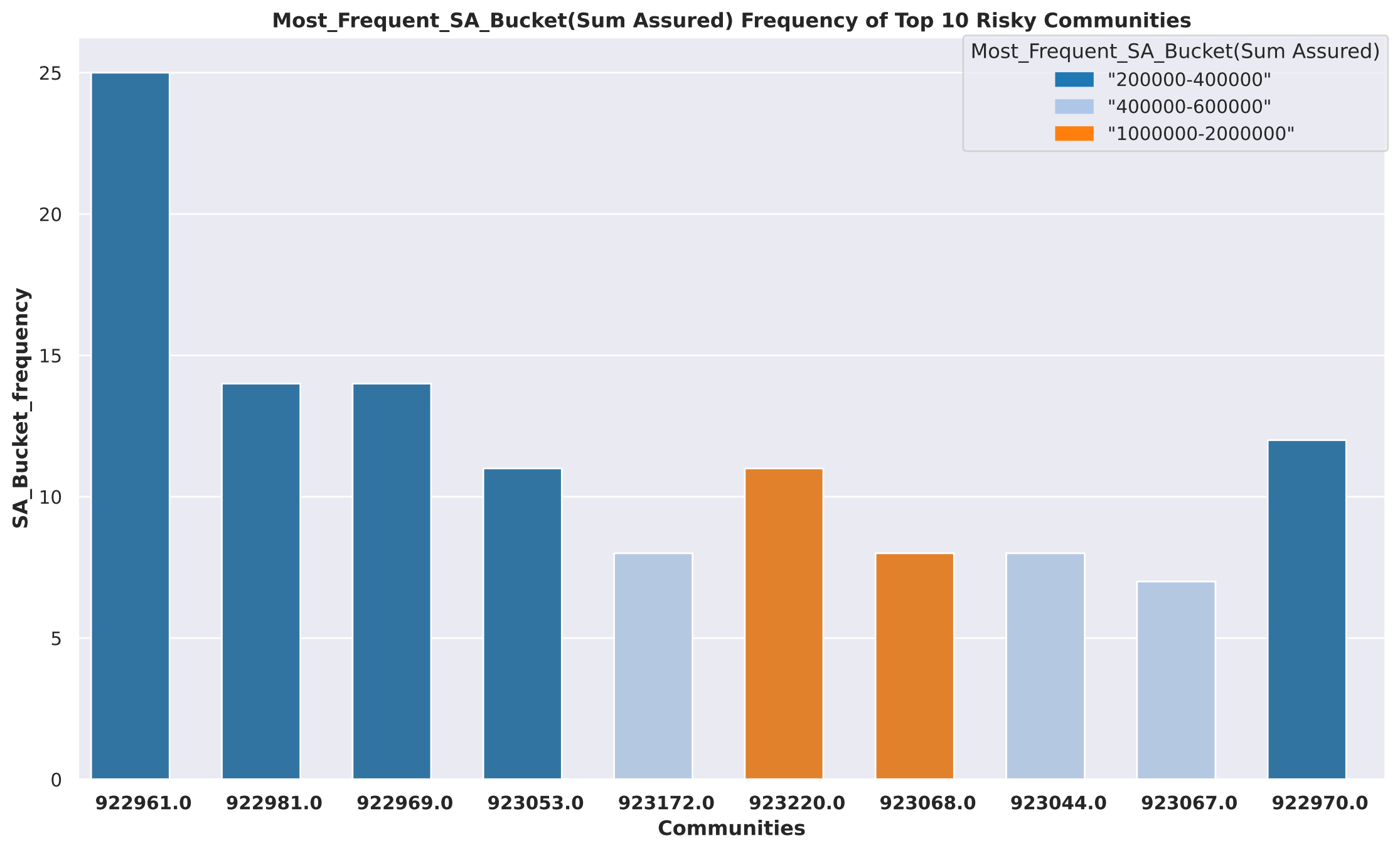
Description for Most_Frequent_Age_Bucket.



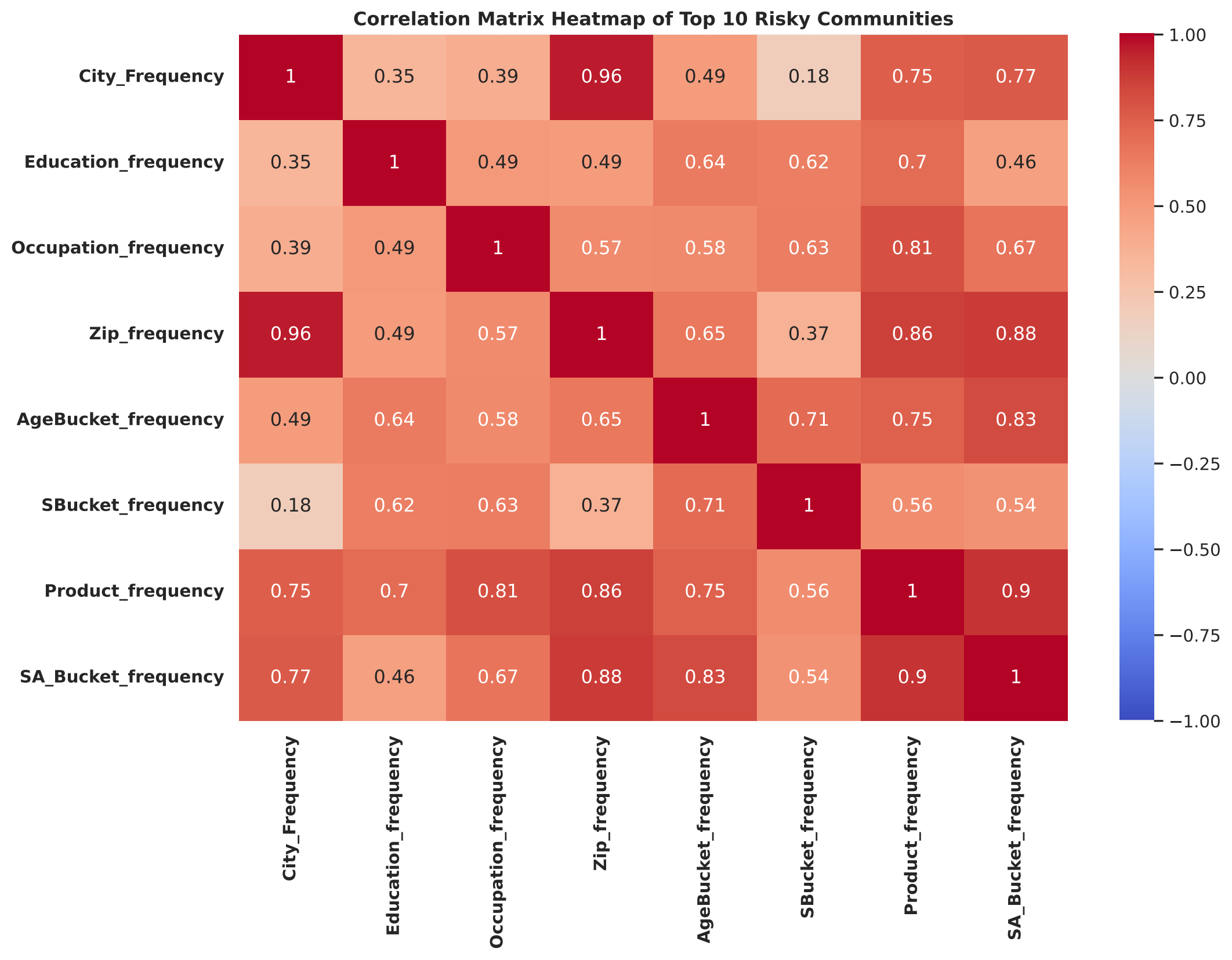
Description for Most_Frequent_Salary_Bucket.



Description for Most_Frequent_Product.



Description for Most_Frequent_SA_Bucket(Sum Assured).


Correlation Matrix Heatmap of Top 10 Risky Communities
City_Frequency
Education_frequency
Occupation_frequency
Zip_frequency
AgeBucket_frequency
SBucket_frequency
Product_frequency
SA_Bucket_frequency
1 0.35 0.39 0.96 0.49 0.18 0.75 0.77
0.35 1 0.49 0.49 0.64 0.62 0.7 0.46
0.39 0.49 1 0.57 0.58 0.63 0.81 0.67
0.96 0.49 0.57 1 0.65 0.37 0.86 0.88
0.49 0.64 0.58 0.65 1 0.71 0.75 0.83
0.18 0.62 0.63 0.37 0.71 1 0.56 0.54
0.75 0.7 0.81 0.86 0.75 0.56 1 0.9
0.77 0.46 0.67 0.88 0.83 0.54 0.9 1
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00

Summary:

This document analyzes the top 10 risky communities based on various attributes such as the most frequent city, education, occupation, zip code, age bucket, salary bucket, product, and sum assured bucket. The bar plots provide a visual representation of the frequency of these attributes within each community.

The correlation matrix heatmap at the end of the document shows the relationships between these numerical features. A positive correlation indicates that as one attribute increases, the other tends to increase as well. Conversely, a negative correlation indicates an inverse relationship.

Key observations:
- The frequency of certain attributes varies significantly across different communities.
- There are notable correlations between some attributes, which can provide insights into the characteristics of these risky communities.