

Causes for Eviction Notices in Assorted Neighborhoods of San Francisco

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Abstract

Renter eviction leads to the displacement of families and an influx of people at the homeless shelters.

1 Data Collection

We downloaded data on eviction statistics from SF OpenData and counted each of the reasons for eviction with a program we designed and created using C++. For some of these expected counts, the data was less than five so we were unable to incorporate it in our testing. After separating the data into eleven districts based off location, we performed χ^2 Data Tests for Homogeneity using the valid counts.

2 Data Context

here we explain what the various eviction reasons are, and show maps of San Francisco containing all the neighborhoods split up into regions

Categories:

Tenant Action	nonpayment, breach, nuisance, illegal, unapproved subtenant, latepay
Landlord Action	failsignrenew, owner move in, capital improvement, substantial rehab, roommate same unit
Development	demolition, ellis act withdrawal, condo conversion
Just Cause	nonpayment, latepayment, breach of lease, ownermovein, capitalimprovement, ellisactwithdrawal, nuisance, illegal, demolition

can also talk about the legal issues with the landlord tenant relationship

3 Analysis

3.1 Summary Statistics

This table and section is for testing.

4 Inferential Procedures

4.1 District 1

Neighborhoods	Inner Richmond, Lone Mountain, Outer Richmond
Categories	Illegal, Nuisance

Table 1: Selected Neighborhoods and Categories

Tenant Action
 χ^2 15.1570, df 10, p-Value 0.1264
Landlord Action
 χ^2 10.4669, df 6, p-Value 0.1062
Development
 χ^2 0.9854, df 2, p-Value 0.6110
Just Cause Removal
 χ^2 39.9610, df 16, p-Value 0.0008

For District 1, there was Homogeneity shown in Tenant Action, Landlord Action, and Development, however there was not homogeneity shown in just cause removal

how to illustrate p values, df, chi statistic in beautiful way

4.2 District 2

Seacliff, Presidio Heights, Marina, Russian Hill, Pacific Heights

4.3 District 3

North Beach, Nob Hill

4.4 District 4

Sunset/Parkside

4.5 District 5

Haight Ashbury, Hayes Valley, Western Addition

4.6 District 6

Tenderloin, South of Market, Financial District/South Beach, Mission Bay

4.7 District 7

4.8 District 8

4.9 District 9

4.10 District 10

4.11 District 11

5 Conclusion

sdfsdfasdf

A Source code

```
1 #include <iostream>
2
3 int main()
4 {
5     std::cout < S"dF" << SDF"";endl;
6 }
```

B Data source