



# Game Theory: How Do Missouri City Residents Feel About Resource Allocation

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## Introduction

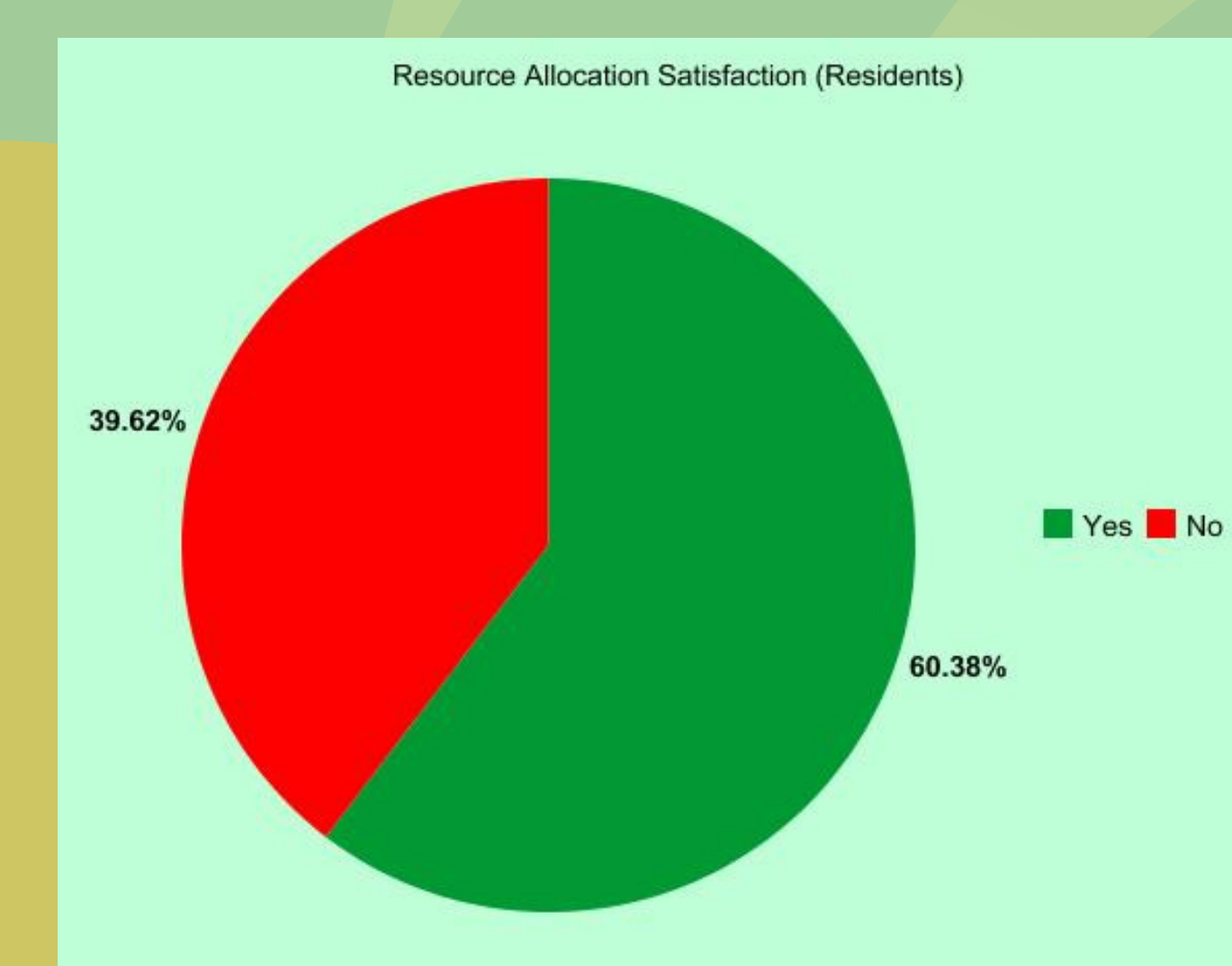
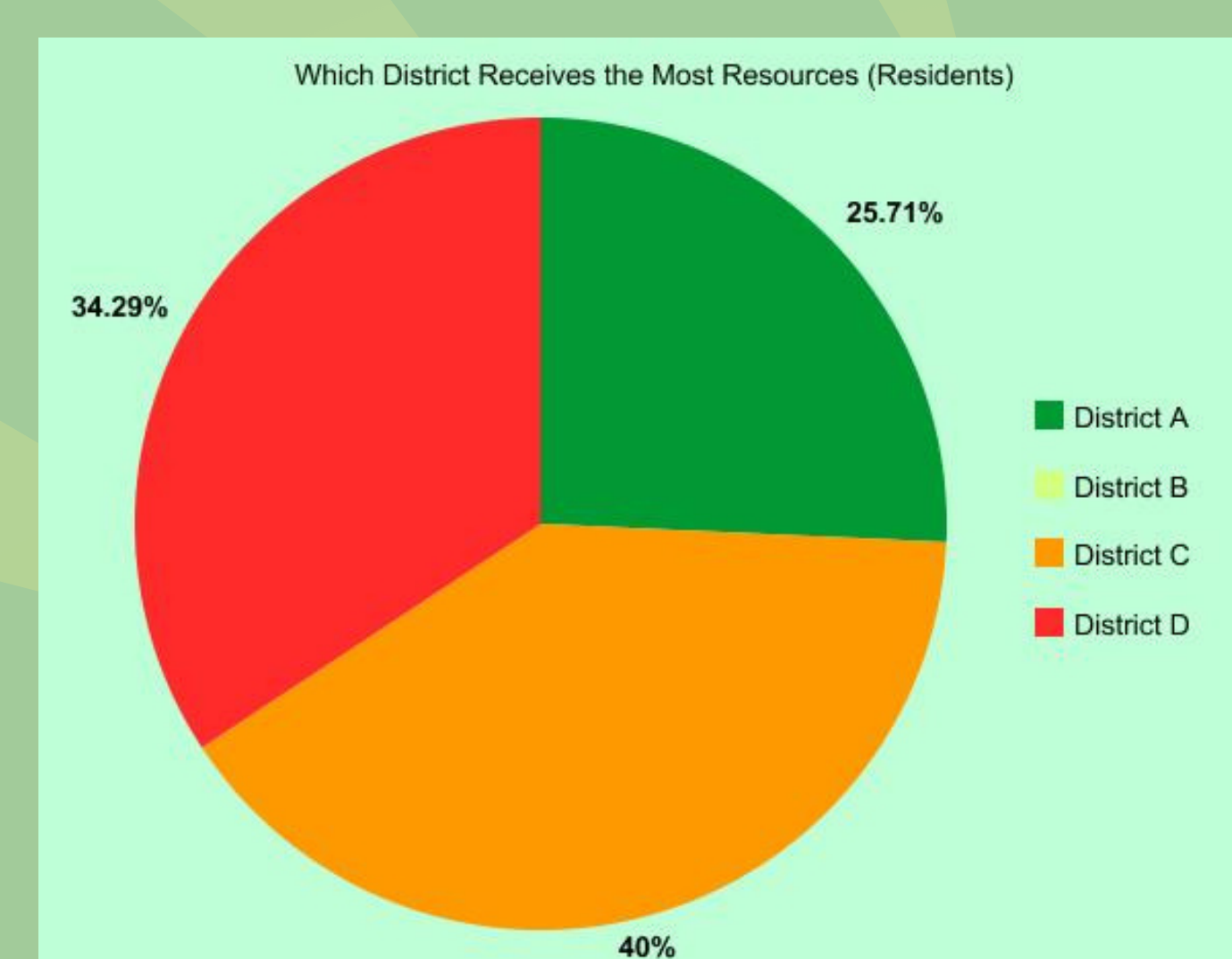
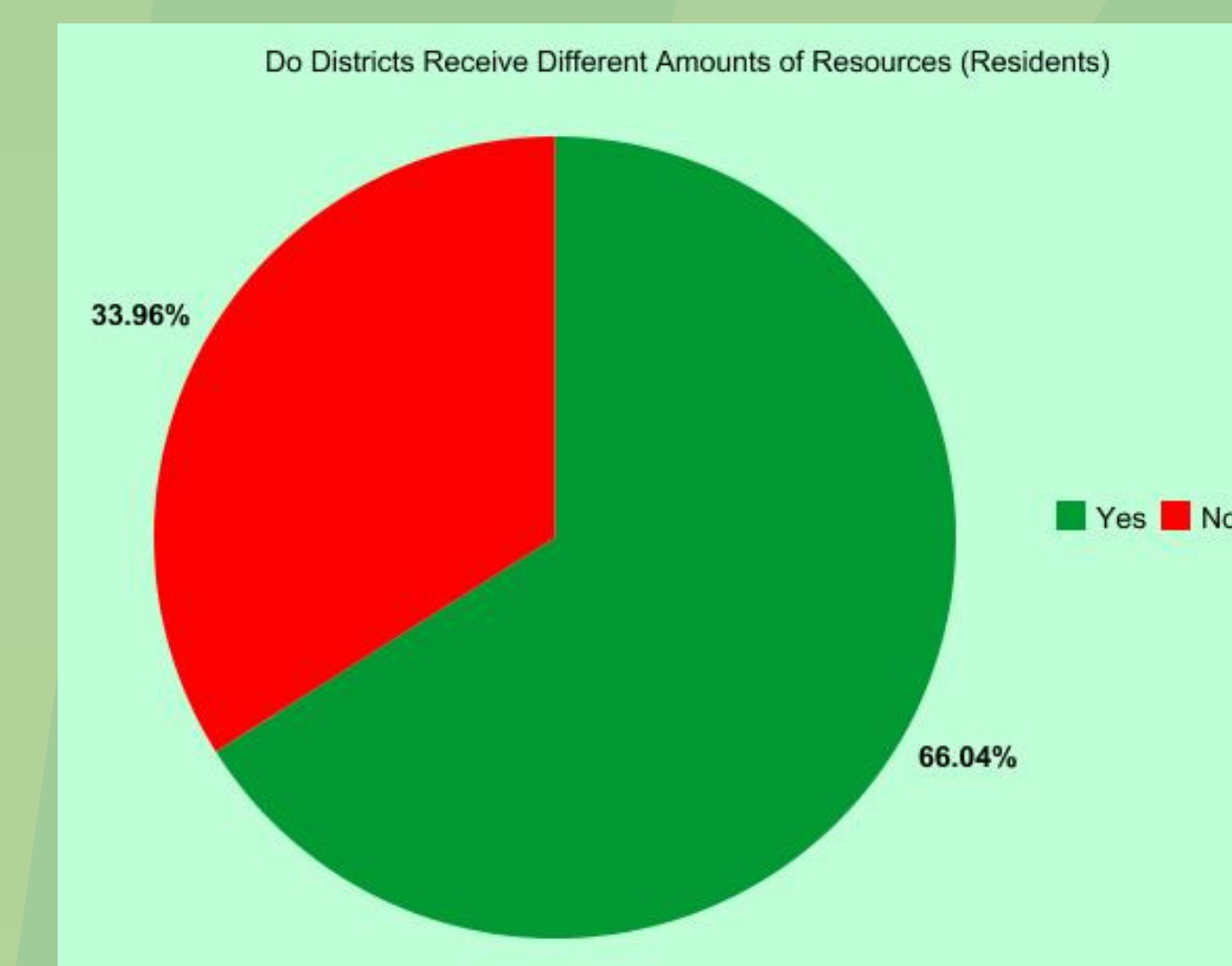
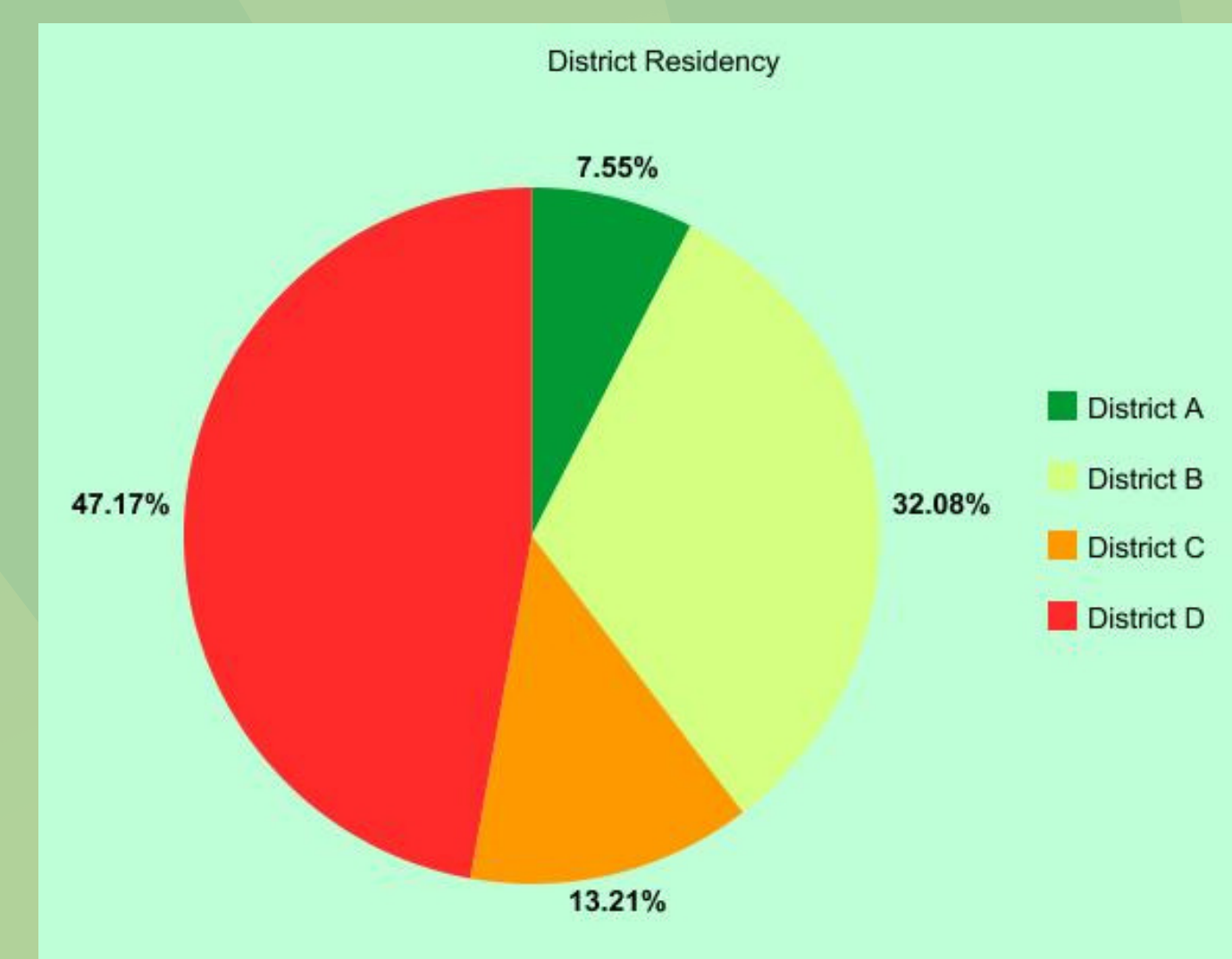
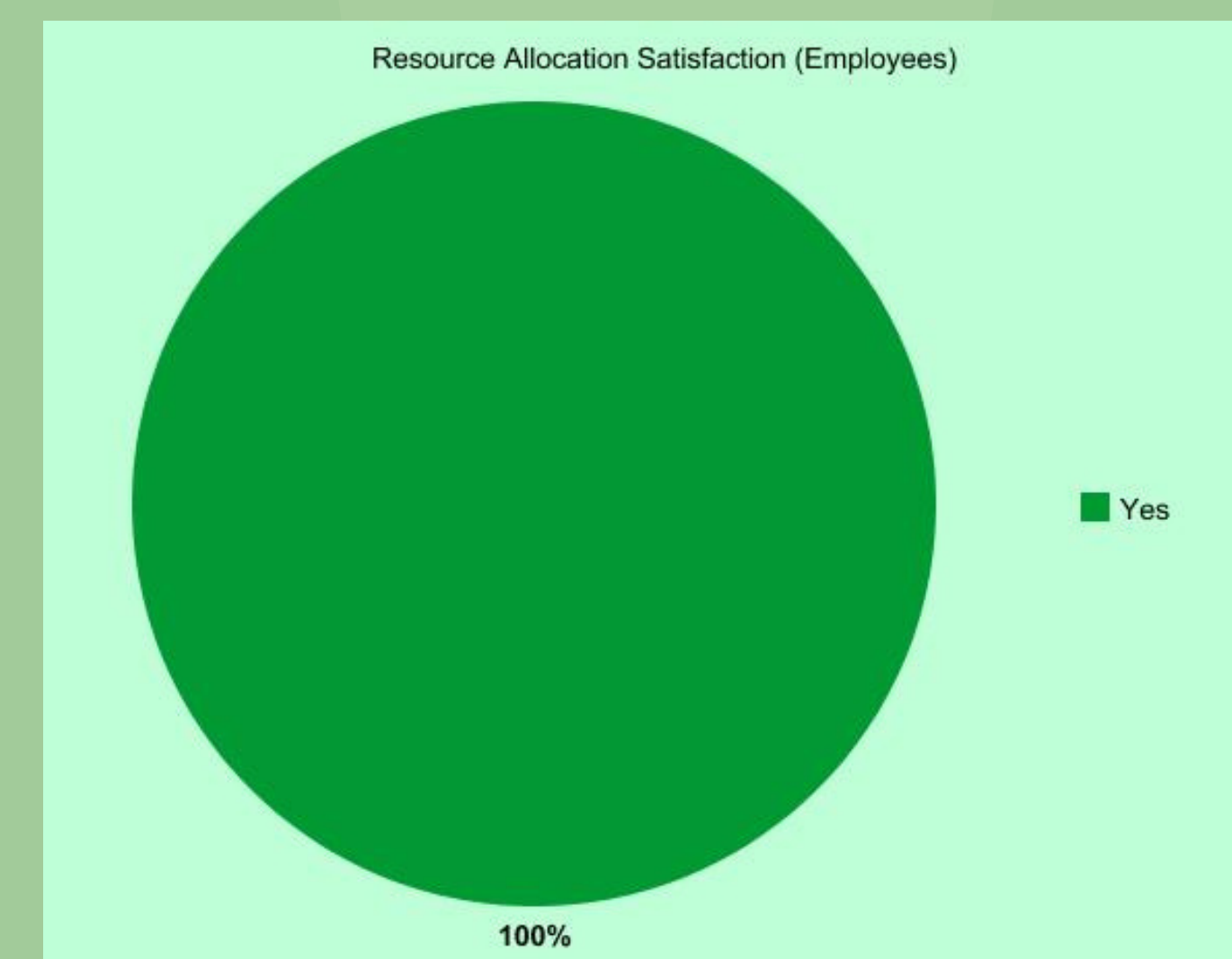
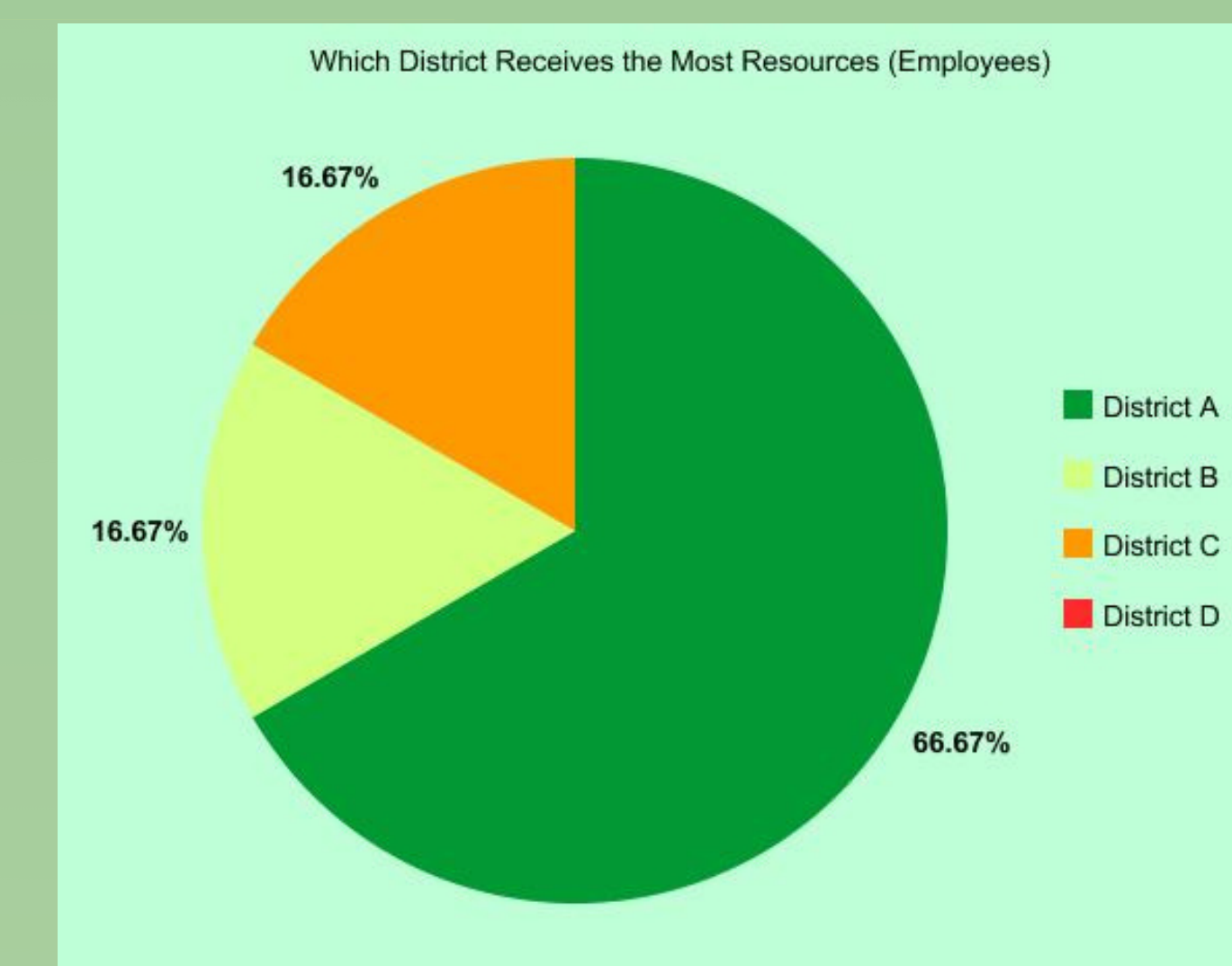
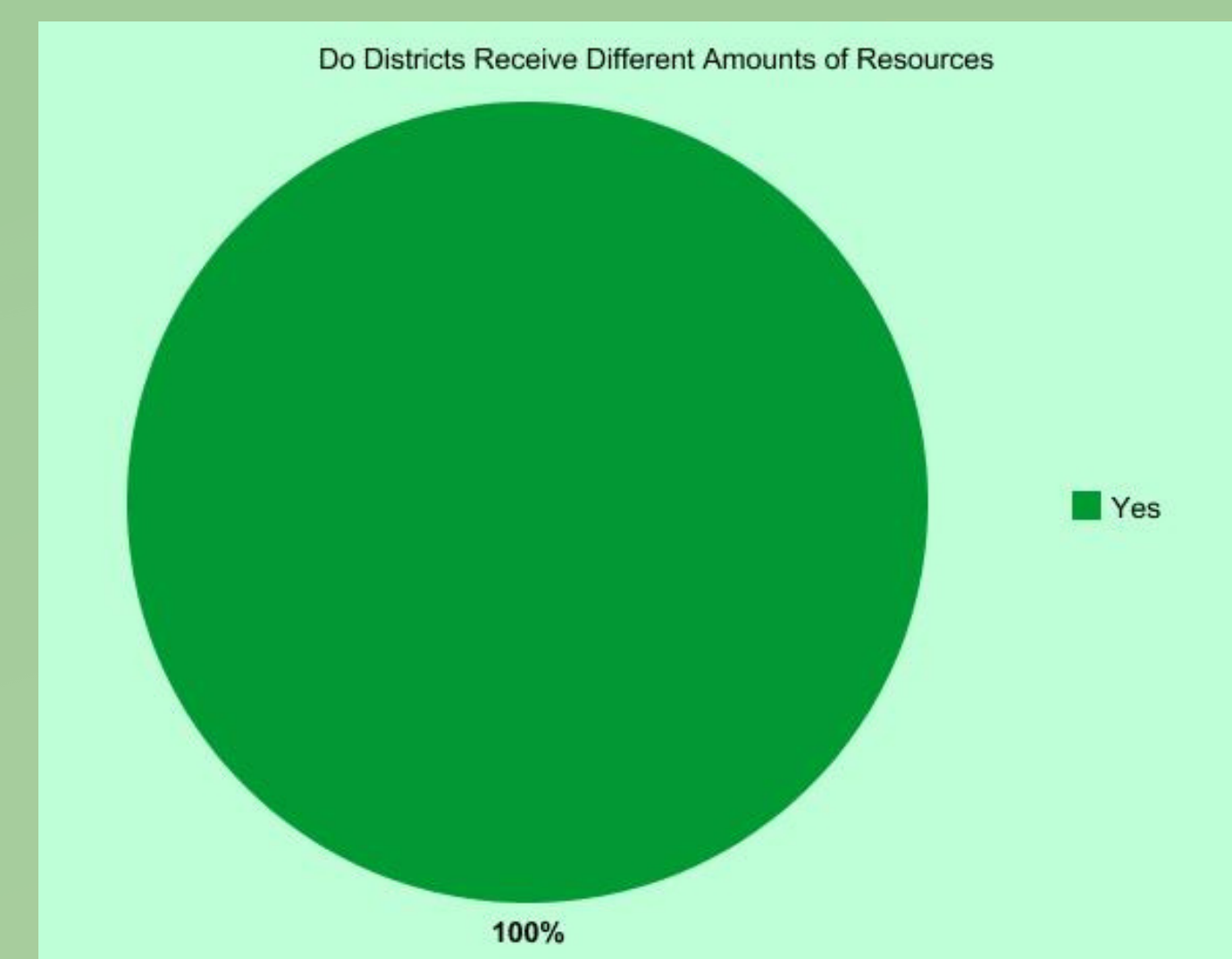
In recent years, partisanship has ensnared governments nationwide. One of the most important decisions a government can make is through its annual budget. On the federal level, citizens have seen over 10 government shutdowns in the past ten years. This showcase focuses on the politics of municipal governments and their resource allocation. Through the economic principles of Game Theory, the city should act as a rational, strategic actor that allocates its resources for the most efficient outcomes—the research endeavor surveyed department heads within Missouri City to identify the strategic resource allocation of Missouri City. The research endeavor then surveyed Missouri City residents to identify how local constituents perceive the city's resource allocation.

## Discussion

The study should be taken with light implications. The limited scope of survey respondents cannot fully represent all constituents of Missouri City.

Additionally, the distribution of survey respondents was heavily skewed toward District D and B, with very few District A respondents. As such, the study cannot fully represent Missouri City in proportionality. Further studies should be taken in a more formalized manner to more accurately represent local constituents so as to further promote efficient resource allocation.

## Results



## Methodolgy

The survey was distributed to department heads within the city to identify where the city was allocating the most resources. The survey was then sent to Missouri City residents across the four districts to identify how Missouri City feels about the government's resource allocation and to also subcategorize by each district.

## Findings

The results clearly showed that the government is strategically allocating more resources to District A, with 67% of the department heads stating the city allocates the most resources to the district. This can be backed by city-wide programs such as the Restaurant Incentive Program directed to TX Pkwy and Cartwright. Despite this strategic allocation to District A, the overwhelming majority of Missouri City residents believed that the city's resources were being allocated most to District C and District D, as 76% of respondents who believed certain districts receive more resources said District C or D received the most. This indicates that the strategic allocation to District A is not only warranted but should be even more concentrated. Due to Missouri City's rapid growth and expansion, District A is now the only the oldest part of the city. Districts C and D are the most recently developed areas of Missouri City. In order to effectively tackle the perceived inequities within Missouri City, the city should continue its strategic allocations to District A.