



Wylie Fire and Rescue

Wylie Population Analysis



According to *Forbes Magazine*, with over a 100% growth in population from 2000 to 2006, Wylie ranks eighth among America's Fastest-Growing Suburbs (Woolsey, 2007). The objective of this study was to determine the spatial distribution of growth throughout the Wylie Fire Department. Quantifying the geography of population growth in Wylie may aid urban planners and city administrators with resource allocation and in developing plans to accommodate current intense growth and future growth. Specifically, this knowledge could help the Wylie Fire Department with planning new fire stations.

Collin County, Texas



Wylie Fire Department

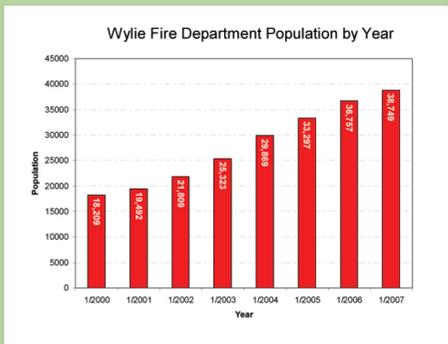
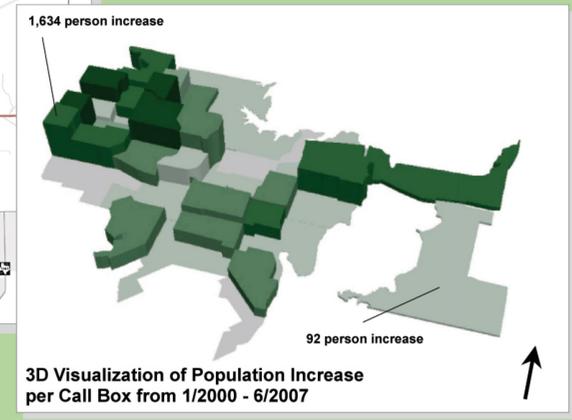
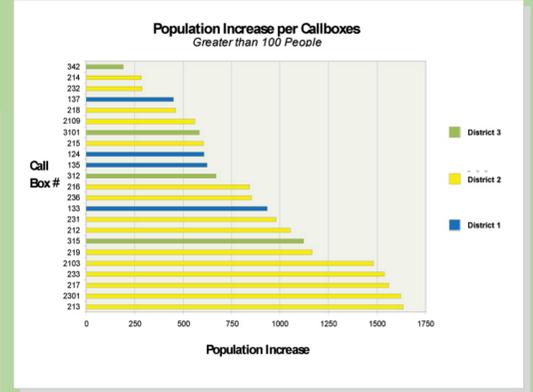
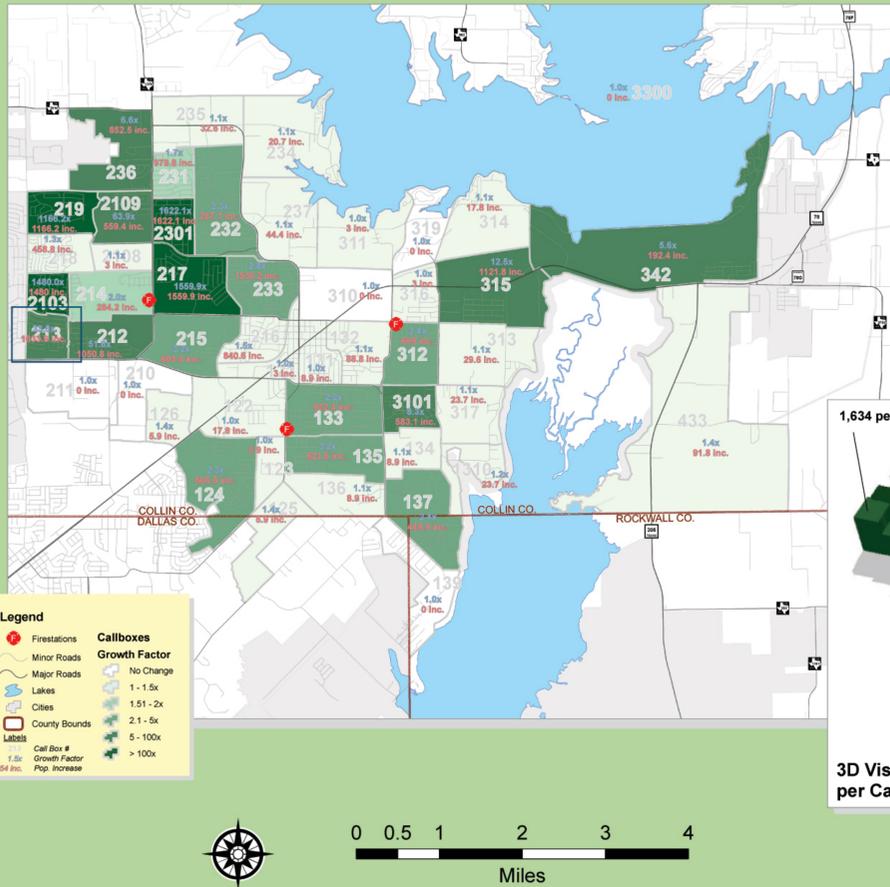
Callbox 213 - 2001



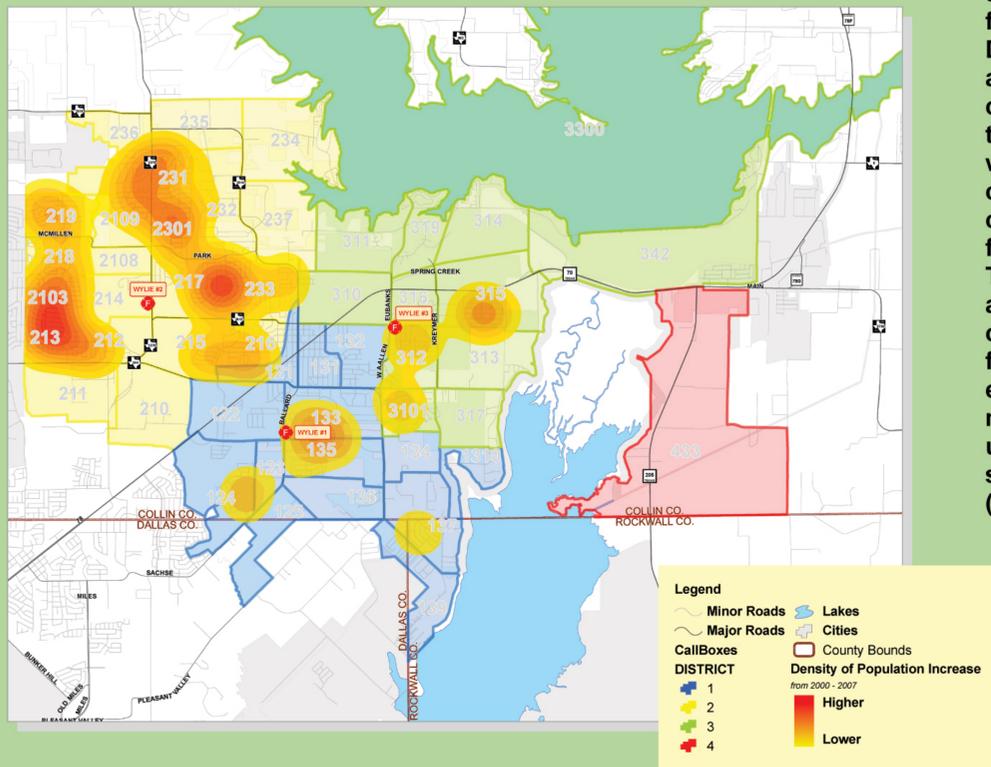
Callbox 213 - 2005



Percent Change in Population per Fire Department Call Box, 2000 - 2007

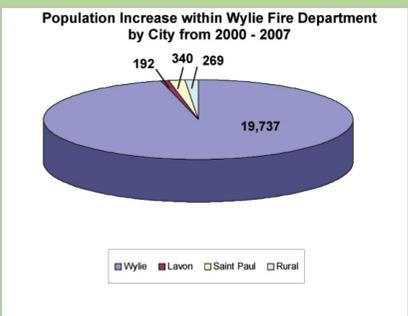


Density of Population Increase from 2000 - 2007



Two important data sources in this study included parcel data from the Collin Central Appraisal District and a dataset containing all of the multi-family housing complexes (apartment complexes, townhomes, and nursing homes) with the number of units per complex. State identification codes were used to extract single family housing from parcel data. The single family housing dataset and the multi-family dataset were combined to serve as an estimate for total housing units. Population estimates were calculated by multiplying the number of housing units by the average household size in Wylie, Texas, 2.96 persons (Census, 2000).

Wylie Fire Department Growth Rate 2000 - 2007 112.8%



Note: For mathematical logic, the 2000 population was set to 1 for call boxes with 0 population in 2000 that experienced population growth from 2000 - 2007.

References: U.S. Census. 2000. Wylie, Texas Factsheet.

Woolsey, Matt. "America's Fastest-Growing Suburbs." *Forbes*. 16 July 2007. Retrieved 7 August 2007. http://www.forbes.com/lifestyle/2007/07/16/suburbs-growth-housing-forbeslife-cx_mw_0716_realestate.html

Source data compiled from Collin County GIS database, Collin County appraisal District, North Central Texas Council of Governments, aerial photography (2003 - 2005), digital data from cities, counties and various hardcopy maps throughout Collin County.

This map is a graphic representation and should only be used for illustrative purposes only. In no way should this map be used to settle boundary disputes or locational conflict.