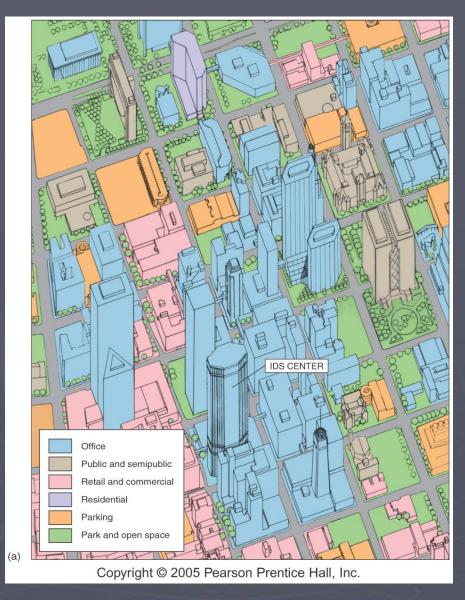
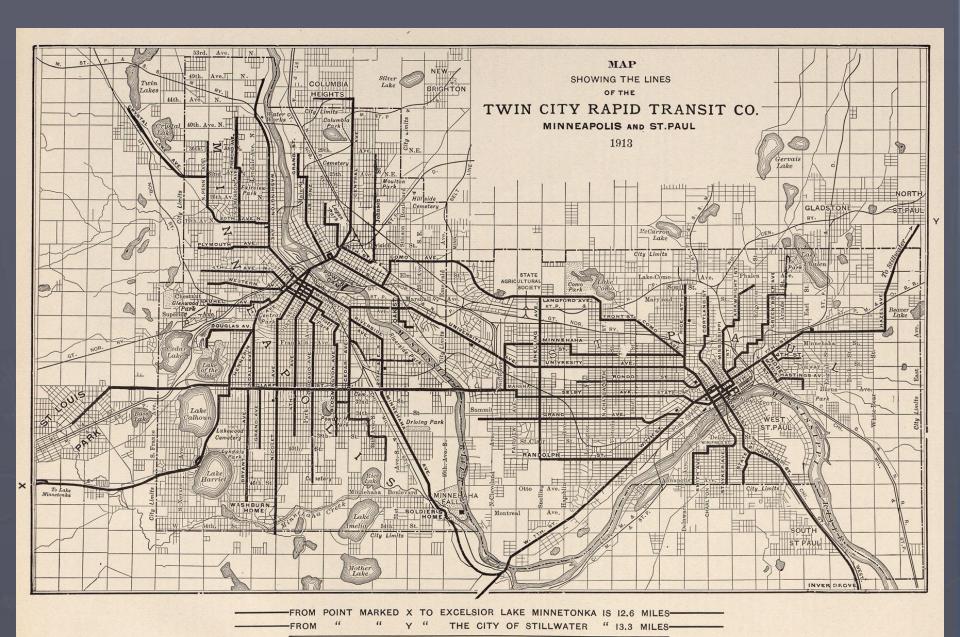
Urban Growth Models

Models of Urban Development

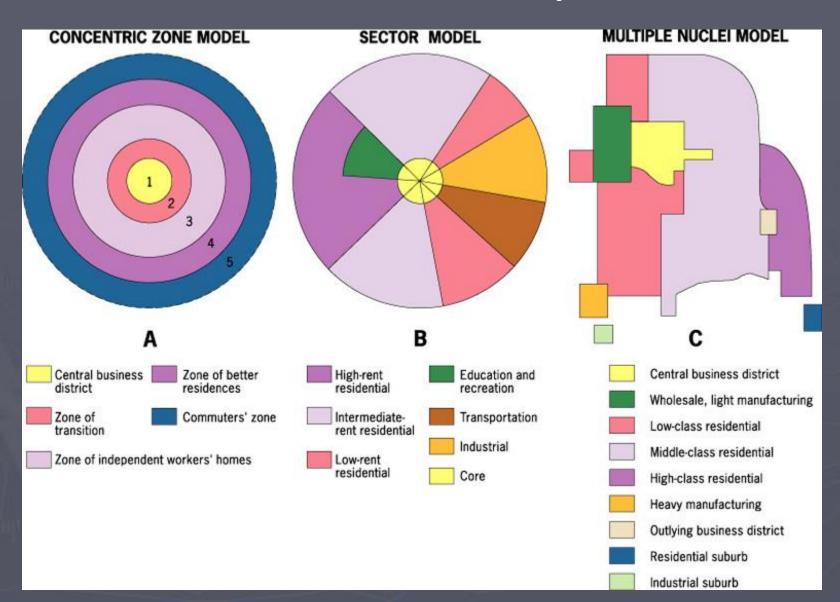
Central Business District (CBD)



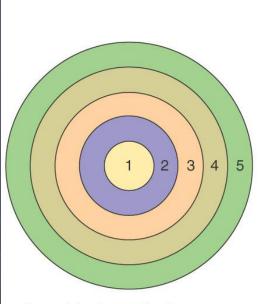
• The CBD is the focal point of a city and serves as It's commercial, office, retail, and cultural center. It also usually is the center point for transportation networks.



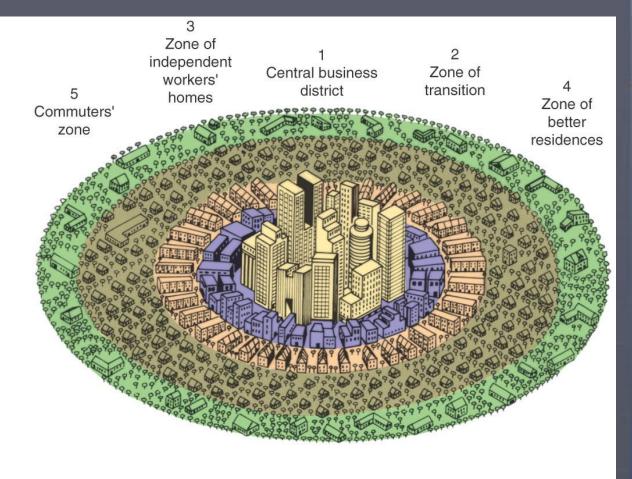
Models of Development



Concentric Zone Model



- 1 Central business district
- 2 Zone of transition
- 3 Zone of independent workers' homes
- 4 Zone of better residences
- 5 Commuters' zone



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Based off 1923 observations of Chicago

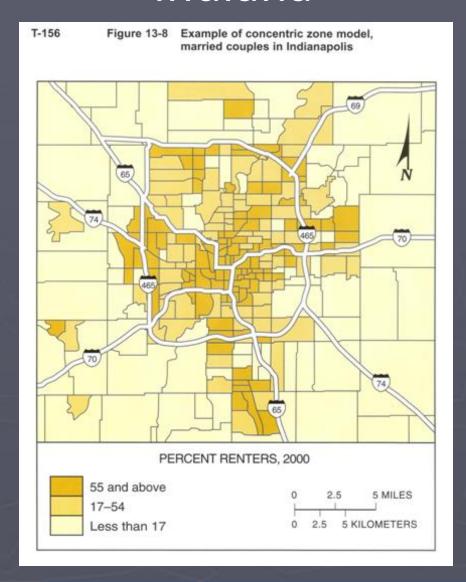
Concentric Zone Model

- Based off assumption that CBD is center of city and home values/rents increase as distance from city increase
- Again relies on isotopic plain void of natural obstacles
- Defied by process of gentrification and decentralization of industry and commercial sectors

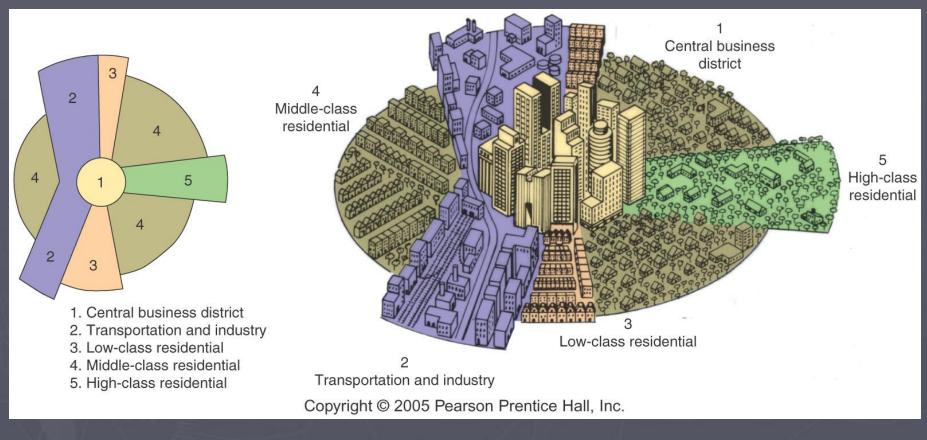
Concentric Zone Model

- Zone 1 Central Business District (CBD)- Center of transportation to allow commuting. High cost of land leads to skyscrapers. Most government institutions, businesses, stadiums, and restaurants chose this area to build on due to its accessibility.
- Zone 2 (Zone of Transition) Contains industrial eras and poorer-quality housing. Large percentage of people rent as they most often are immigrants or single individuals.
- Zone 3 (Zone of Independent Workers Homes) Primarily occupied by members of the working class. Contains modest older houses rented by stable, working class families.
- Zone 4 (Zone of better residence) Newer and more spacious houses occupied mostly by families in the middle-class. There are a lot of condominiums in this area and residents are less likely to rent.
- Zone 5 (Commuter's Zone) Located beyond the build-up area of the city.
 Mostly upper class residents live in this area.

Concentric Zone Model: Indianapolis, Indiana



Sector Model

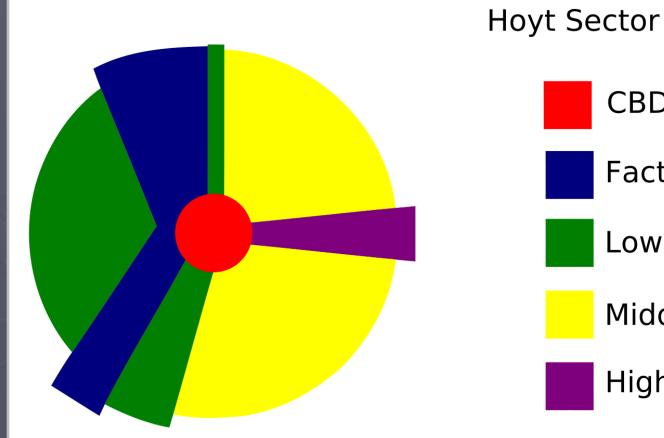


 Social groups are arranged around a series of sectors, or wedges radiating out from the central business district (CBD) and centered on major transportation lines.

The Sector Model

- Based off observations of 1939 Chicago
 - Accounts for transportation networks
- Different areas attract different activities by chance or environmental factors
- Different sectors grow out in wedge shaped areas away from CBD

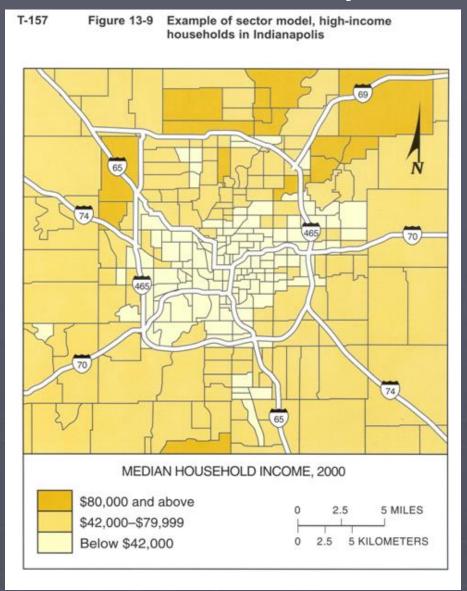
The Sector Model



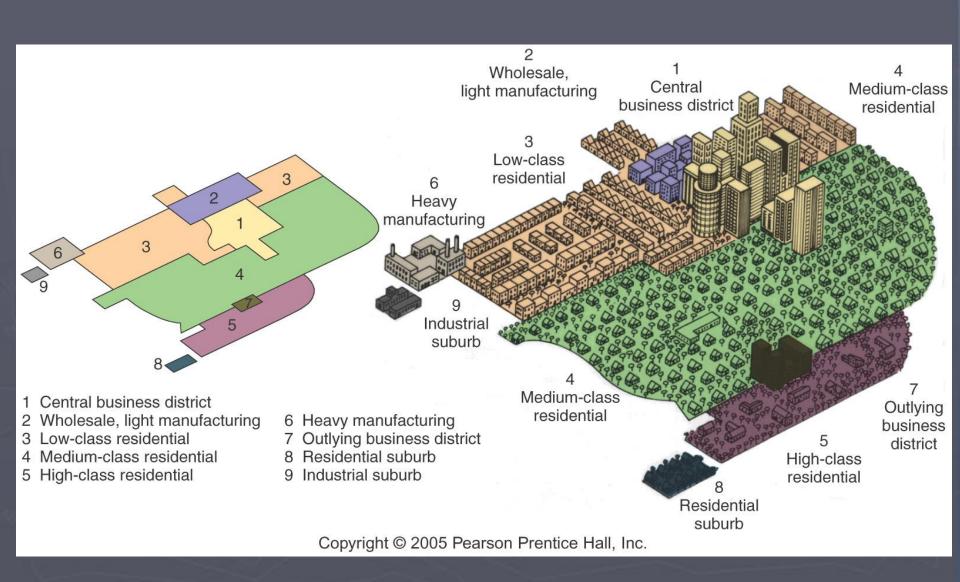
Hoyt Sector Model Key

- **CBD**
- Factories/Industry
- Low class residential
- Middle class residential
- High class residential

Sector Model: Indianapolis, Indiana



Multiple Nuclei Model

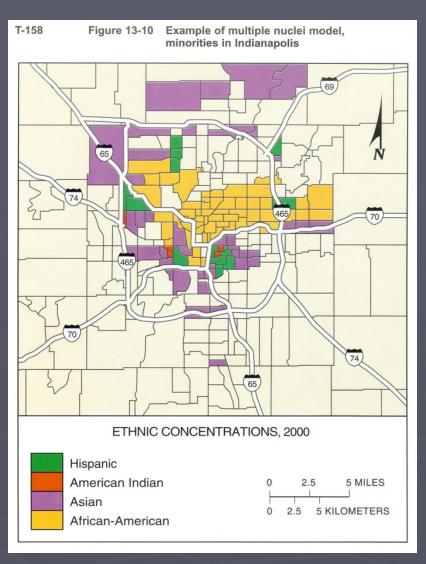


Multiple Nuclei Model

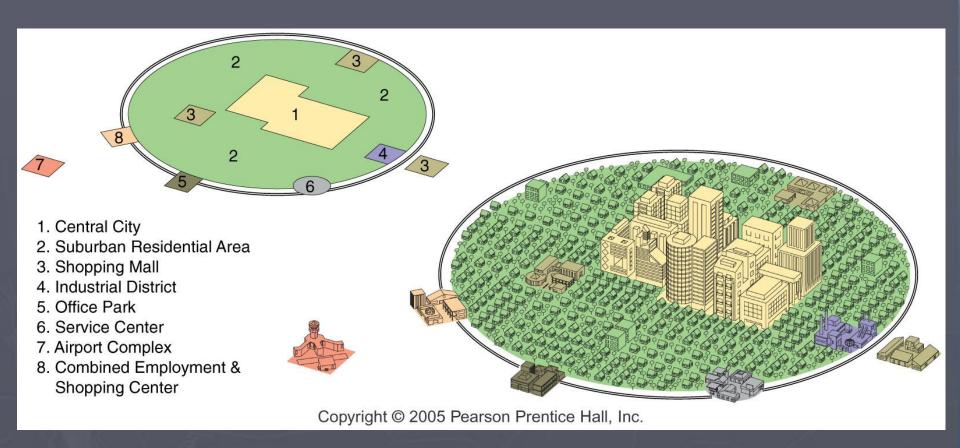
- Theorized in 1949 to account for growing importance of car and sprawl of urban areas
- Creation of different nuclei that support each other
 - Business districts to support suburbs
- Other districts develop to be further away from each other
 - Airports develop further away from cities

Multiple-Nuclei Model: Indianapolis, Indiana

- Contains 9 Districts
 - Central business district
 - Light manufacturing
 - Low-class residential
 - Middle-class residential
 - Upper-class residential
 - Heavy manufacturing
 - Outlying business district
 - Residential suburb
 - Industrial suburb



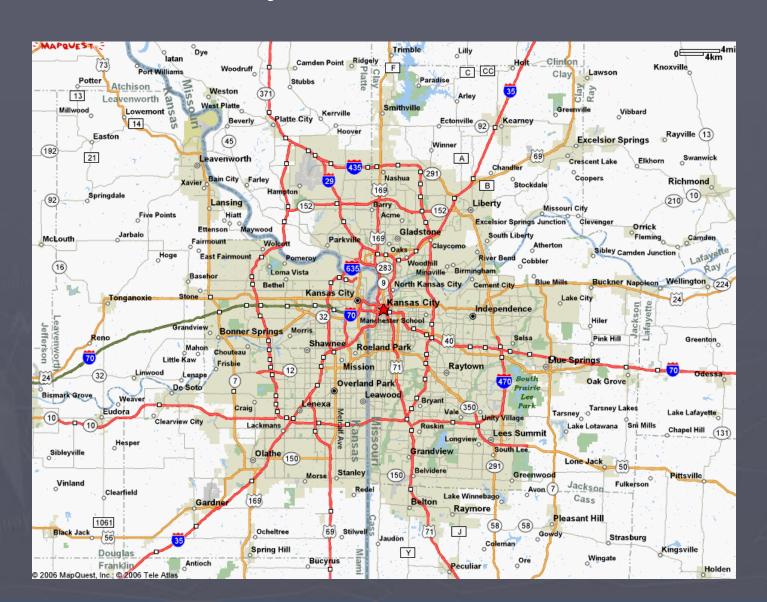
Peripheral Model



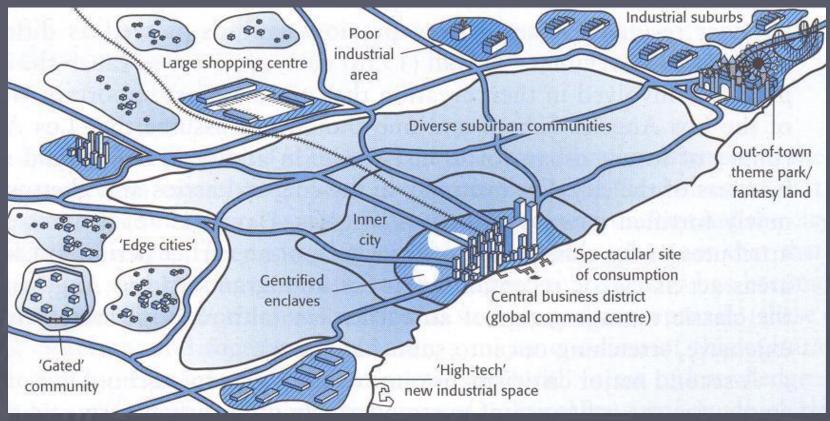
The Peripheral Model

- A model of North American urban areas consisting of an inner city surrounded by large suburban residential and business areas tied together by a beltway or ring road.
 - Different districts spread out away from CBD to meet needs of residential areas

Kansas City, Missouri and Kansas



Galactic City Model



Galactic Edge Cities: Mini edge city that is connected to another city by beltways or highways.