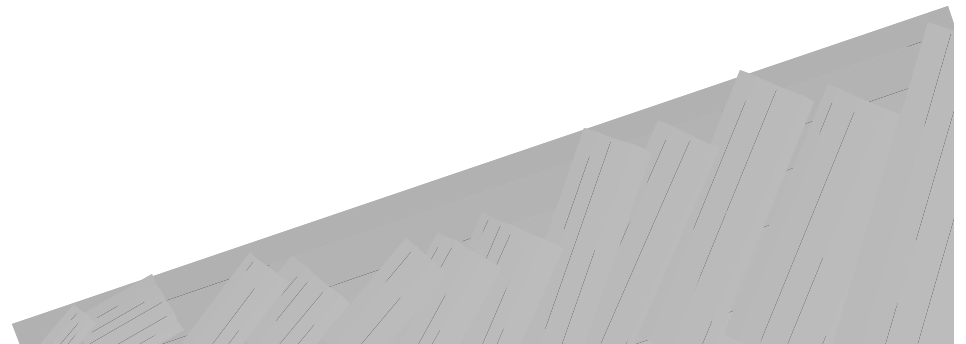


# Socioeconomic Factors

- ◆ Demographics
- ◆ Economics
- ◆ Public Resources
- ◆ Infrastructure
- ◆ Land Use
- ◆ Relocations



# Assessing Impacts to Demographics

## ◆ Factors Considered:

- Population
- Age
- Ethnic Groups
- Educational Level
- Employment
- Housing

- ## ◆ Except for housing, changes to the parameters categorized under demographics are more sources of potential impacts, rather than impacts themselves.

## ◆ Identify Source of Potential Impacts

- Construction Related Changes
- Operations Related Changes
- Indirect Changes
  - ◆ Attraction
  - ◆ Interchanges

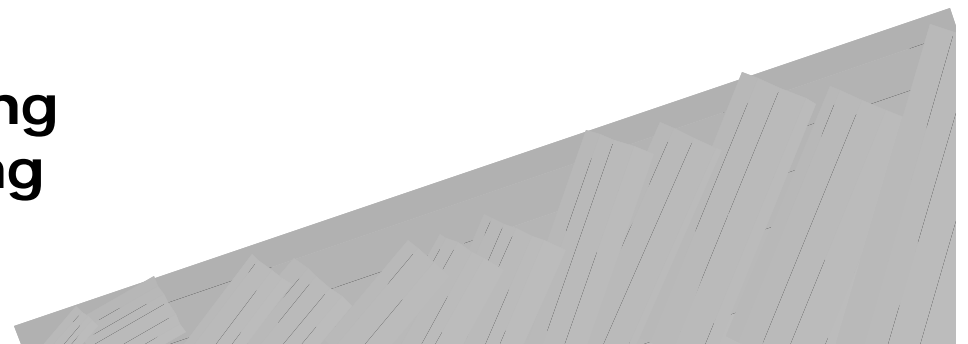
## ◆ Determine Study Area

- Usually county or neighboring counties



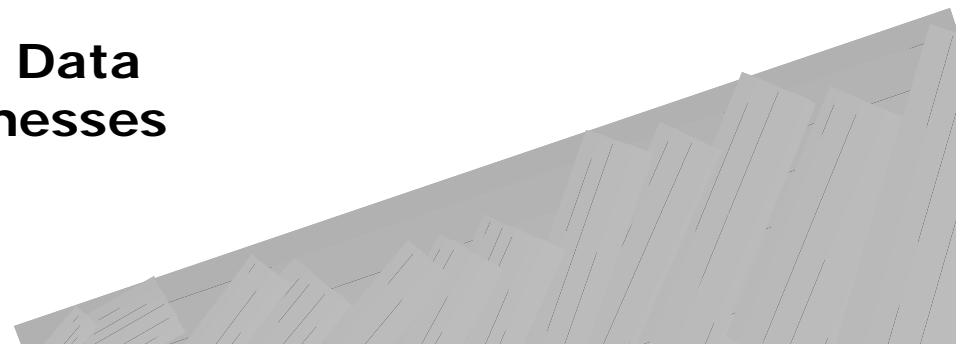
# Demographics (cont.)

- ◆ **Determine Existing Conditions**
  - Census Data
  - County/Municipality Data
- ◆ **Identify Standard**
  - None
- ◆ **Impact Prediction**
  - Employment Related
  - Attraction Related
- ◆ **Assess Significance of Impacts**
  - Professional Judgment
  - Compare to Geographical/Temporal Averages
- ◆ **Mitigation**
  - Short-Term Housing
  - Long-Term Housing



# Assessing Impacts to Economics

- ◆ **Employment**
- ◆ **Businesses**
  
- ◆ **Identify Source of Potential Impacts**
  - Direct Employment for Project
  - Indirect Employment (changes in demographics)
  - Direct Takings of Businesses Due to Project
  - Change in Access to Businesses
- ◆ **Determine Study Area**
  - Local
  - Regional
- ◆ **Determine Existing Conditions**
  - State Data
  - County/Municipality Data
  - Field Survey of Businesses
- ◆ **Identify Standard**
  - None



# Economics (cont.)

## ◆ Impact Prediction

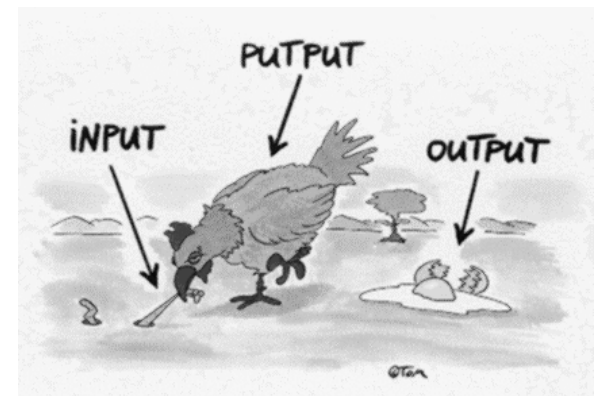
- Employment
- Components and Phases Calculations
- Input-Output Models
- Multipliers
- Businesses
- Count Businesses Displaced
- Increase/Decrease in Business

## ◆ Assess Significance of Impacts

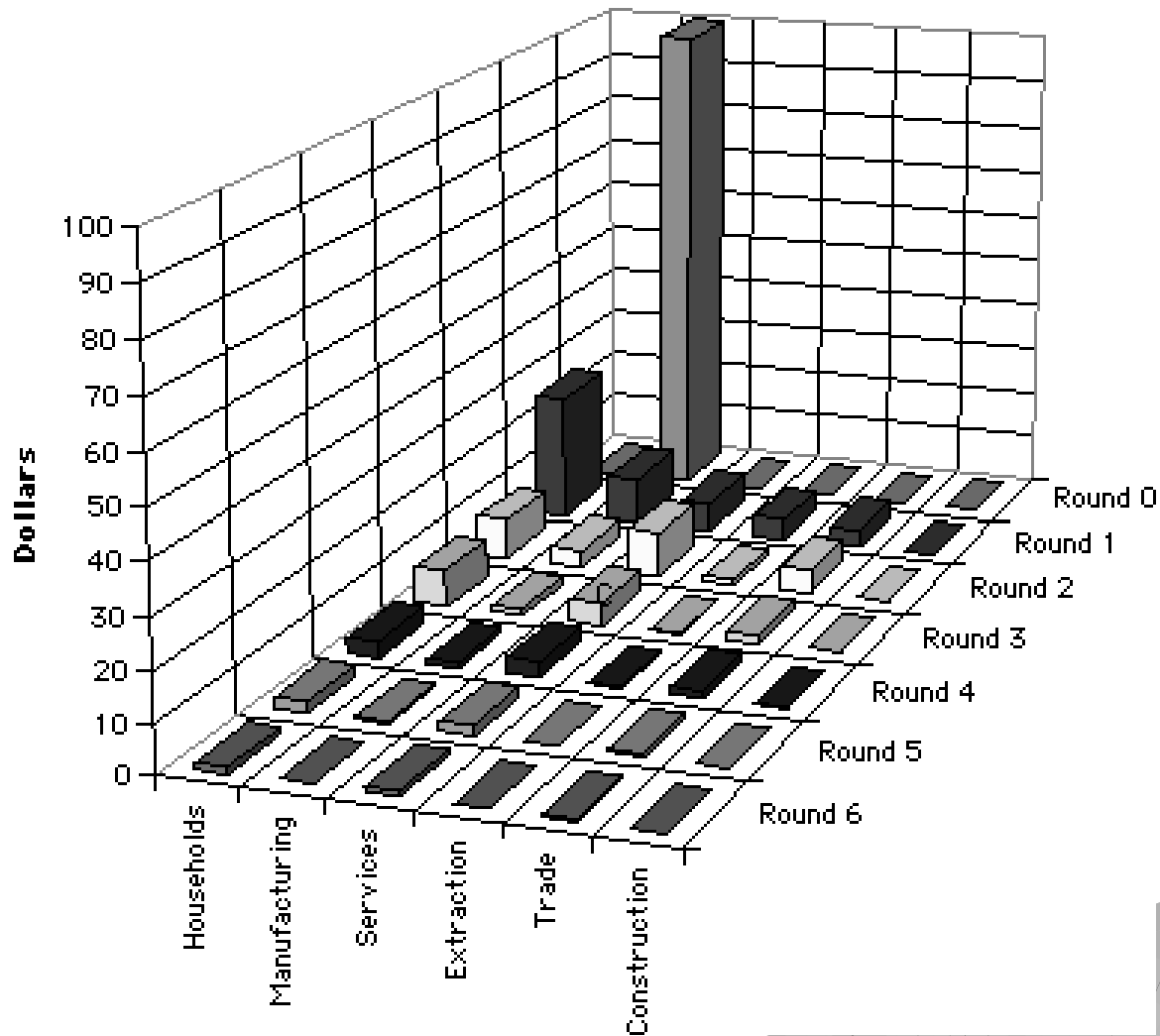
- Sufficient Employees
- Number/Type of Business Displaced
- Percent Change in Business
- Professional Judgment

## ◆ Mitigation

- Import Employees
- Buy Out/Relocation Costs of Business
- Signage for Business

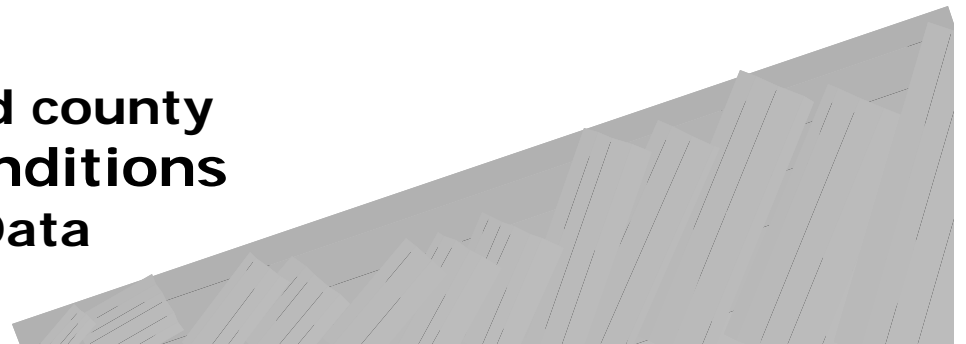


# Ripple Effect



# Assessing Impacts to Public Resources

- ◆ **Schools**
- ◆ **Libraries**
- ◆ **Hospitals**
- ◆ **Emergency Services**
- ◆ **Police/Fire**
- ◆ **Social Services**
- ◆ **Parks/Recreation**
- ◆ **Municipal Workers**
  
- ◆ **Identify Source of Potential Impacts**
  - **Changes in Demographics**
  - **Changes in Access**
- ◆ **Determine Study Area**
  - **Direct impact area and county**
- ◆ **Determine Existing Conditions**
  - **County/Municipality Data**



# Public Resources (cont.)

- ◆ **Identify Standard**
  - Urban Land Institute Guidelines
  - State/Local Guidelines or Standards
- ◆ **Identify Standard**
  - Urban Land Institute Guidelines
  - State/Local Guidelines or Standards
- ◆ **Impact Prediction**
  - Use National/Regional/State Averages
  - Employment Related
    - ◆ Construction Phase
    - ◆ Operation Phase
  - Attraction Related
- ◆ **Assess Significance of Impacts**
  - Compare to Standards
  - Professional Judgment
  - Screening Criteria
  - Compare to Geographical/Temporal Averages
- ◆ **Mitigation**
  - Short-Term Facilities
  - Long-Term Facilities
  - Hire Additional Staff

