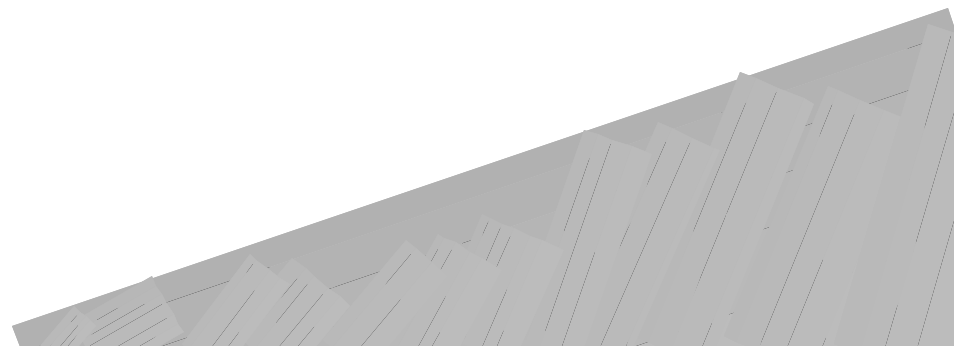


Socioeconomic Factors

- ◆ 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

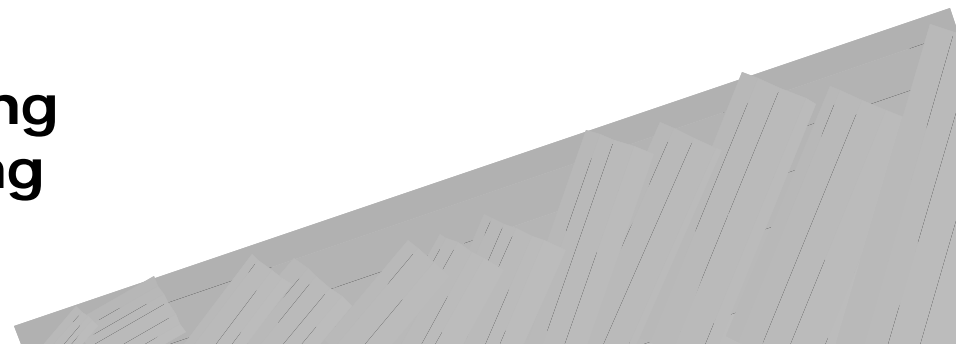
◆ Determine Study Area

- Usually county or neighboring counties



Demographics (cont.)

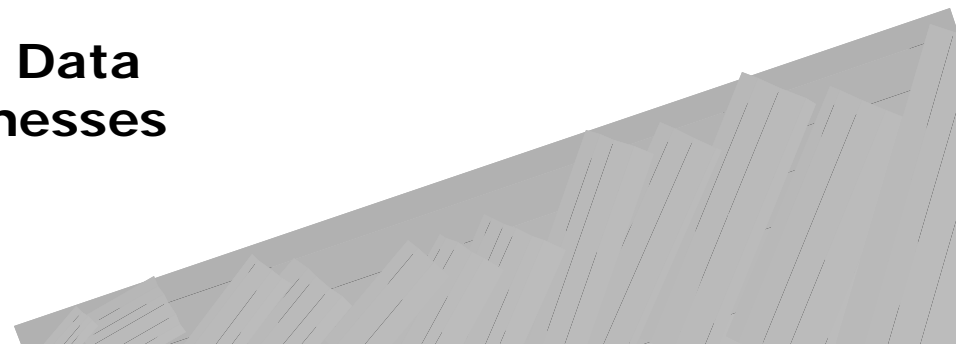
- ◆ **Determine Existing Conditions**
 - Census Data
 - County/Municipality Data
- ◆ **Identify Standard**
 - None
- ◆ **Impact Prediction**
 - Employment Related
 - Attraction Related
- ◆ **Assess Significance of Impacts**
 - Professional Judgment
 - Compare to Geographical/Temporal Averages
- ◆ **Mitigation**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

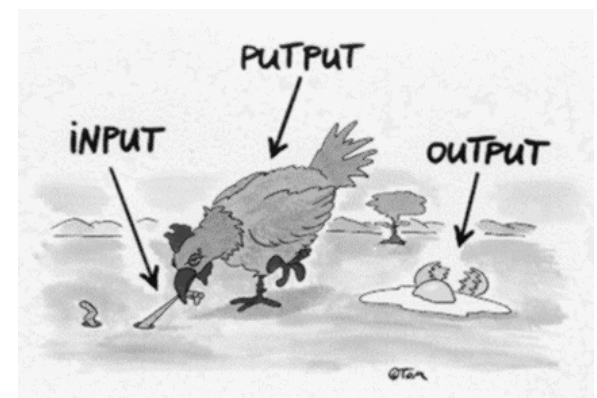
- Employment
- Components and Phases Calculations
- Input-Output Models
- Multipliers
- Businesses
- Count Businesses Displaced
- Increase/Decrease in Business

◆ Assess Significance of Impacts

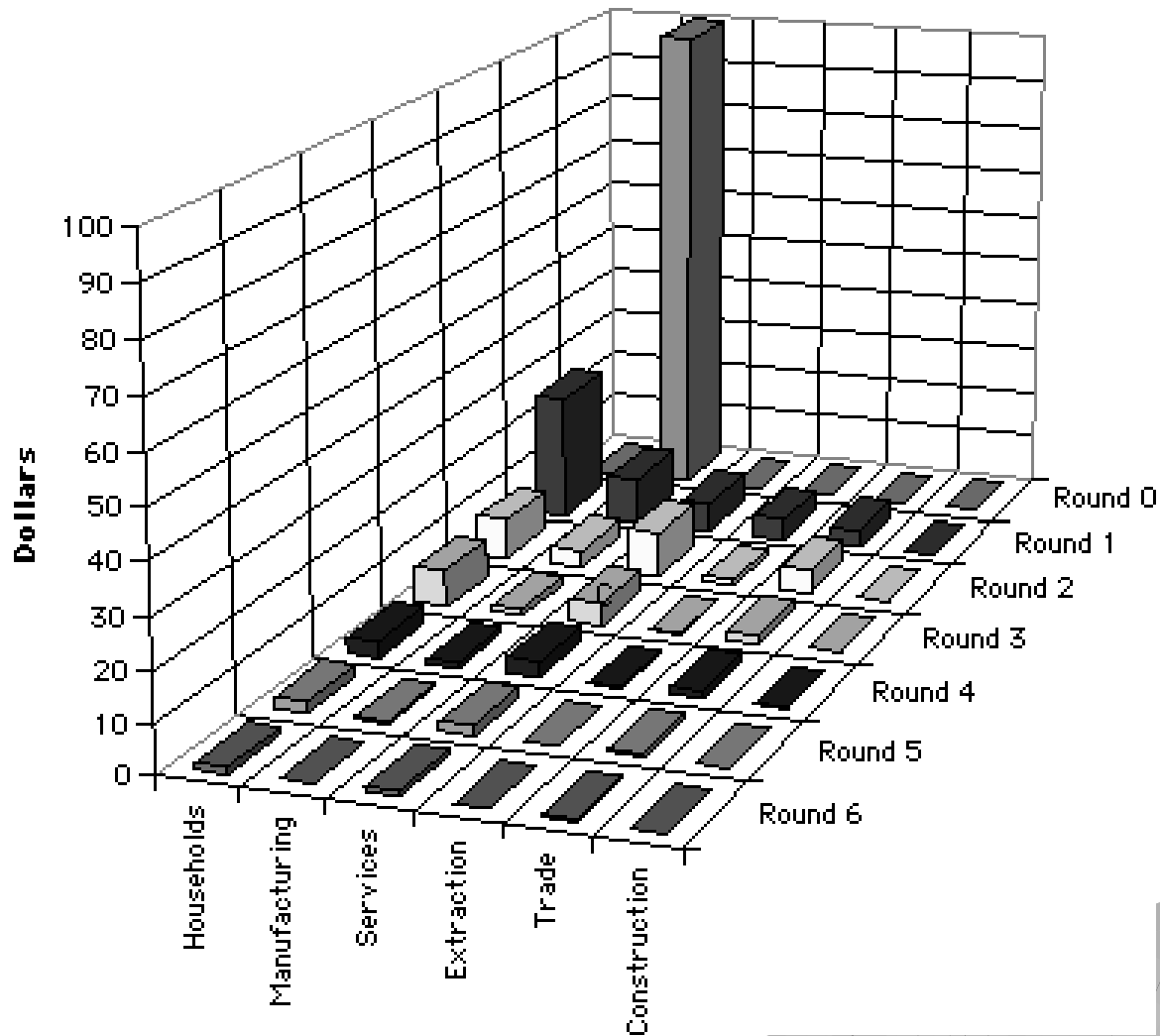
- Sufficient Employees
- Number/Type of Business Displaced
- Percent Change in Business
- Professional Judgment

◆ Mitigation

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



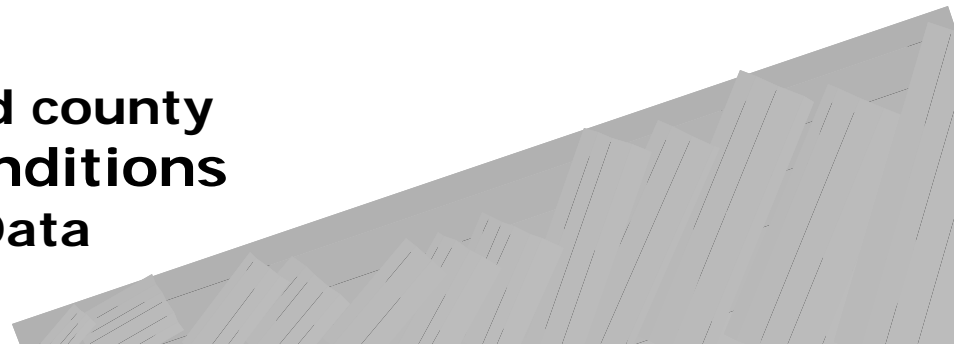
Ripple Effect



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

