

## Socioeconomic Factors

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

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## 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

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## 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

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## 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

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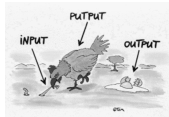
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## Economics (cont.)

- ◆ 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




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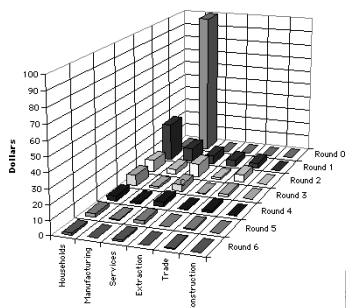
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## Ripple Effect




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## 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

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## 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

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