Outline

- Why LISC is exploring uses of Local Employment Dynamics (LED) data
- Percentage of employed residents in the highest earnings level in 22 cities served by LISC
- Distribution of employed residents by industry and industry group
- Change in resident employment by industry group
- Relationship between industry group and earnings
### LED Variables

| Jobs by Worker Age          | Age 30 or younger  
|                            | Age 31 to 54       
|                            | Age 55 or older    |

| Jobs by Earnings Paid       | $1,250 per month or less  
|                            | $1,251 to $3,333 per month  
|                            | More than $3,333 per month |

| Jobs by Industry Type (2-digit NAICS) | 20 Total Industries |
Percent Employed by Sector in Selected Metropolitan Areas and Low-and-Moderate Income Areas, 2008

- Agriculture
- Mining
- Utilities
- Arts and Entertainment
- Management
- Real Estate
- Information
- Public Administration
- Transportation
- Finance and Insurance
- Construction
- Other Services
- Wholesale Trade
- Professional and Scientific
- Administration
- Education
- Accommodation and Food
- Manufacturing
- Retail
- Health Care

Percent of Total Employment

[Bar chart showing employment distributions by sector for All Metro Tracts and All LowMod Areas]
<table>
<thead>
<tr>
<th>Industry Groups</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industrial</strong></td>
<td>Construction, Manufacturing, Transportation, Wholesale</td>
</tr>
<tr>
<td><strong>Technical</strong></td>
<td>Finance &amp; Insurance, Information, Professional &amp; Scientific, Public Administration</td>
</tr>
<tr>
<td><strong>EdsMeds</strong></td>
<td>Education, Health Care, Management, Real Estate</td>
</tr>
<tr>
<td><strong>Service</strong></td>
<td>Administration &amp; Support, Arts &amp; Entertainment, Food &amp; Accommodation, Other Services, Retail</td>
</tr>
</tbody>
</table>
Percent of Employed Residents in Highest Earnings Category by Industry Group in SC Target Neighborhoods, 2008

- Industrial: 35%
- Technical: 45%
- EdsMeds: 25%
- Service: 10%
Resident Employment Shift-Share Analysis

• Metro Share
  – If resident employment in manufacturing increases in neighborhood X by same percentage as total employment in metro area, how many jobs would you gain/lose?

• Industry Mix
  – If resident employment in manufacturing increases in neighborhood X by same percentage as manufacturing employment in metro area, how many manufacturing jobs would you gain/lose?

• Neighborhood Shift
  – Is there something about neighborhood X that makes it favorable or unfavorable for resident employment in manufacturing (migration, etc.)
Shift Share Contributions to Neighborhood Employment Change in Industrial Sectors in all Indianapolis Sustainable Communities Neighborhoods, 2002 - 2008
Shift Share Contributions to Neighborhood Employment Change in Industrial Sectors in Indianapolis Sustainable Communities Neighborhoods, 2002 - 2008

The bar chart illustrates the percent contribution of metropolitan growth, sector performance, and neighborhood effect in different neighborhoods of Indianapolis: Northeast, Northwest, Near West, Southeast, Southwest, and Near East. The y-axis represents the neighborhoods, and the x-axis represents the percent contribution ranging from -40% to 30%. Each bar is divided into three segments: blue for metropolitan growth, yellow for sector performance, and green for neighborhood effect.