LOCAL EMPLOYMENT DYNAMICS
CONNECTING WORKERS AND JOBS

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Center for Economic Studies
U.S. Census Bureau
Local Employment Dynamics (LED) Partnership

✓ Partnership between 53 states/territories
  ✓ Not yet in producing data = MA, PR, USVI

✓ Data Sharing
  ✓ Local knowledge
  ✓ Comparable data for all states, counties, regions, WIAs

✓ Innovative and Cost-Effective
  ✓ Uses existing data
  ✓ Creates new data products
Overview of LED

- Leverages existing data
- Creates new data products at low cost
- Makes detailed data available for local areas while protecting confidentiality
- Adds no respondent burden
The Data Refinery
Quarterly Workforce Indicator - QWI Online

- **QWI Online provides**
  - Limited demographics
  - Data for state, county, WIAS and MSAS
  - Ownership information - private only or all ownership categories
  - NAICS sector, 3- and 4-digit industries
  - 4-quarter rolling averages
  - Recent and historical data
New URL

http://lehd.ces.census.gov/led/
QWI Online

• 4 Easy Steps
  – Select geography
  – Choose time period and demographic characteristics
  – Select 2-digit NAICS Sector
  – Select 3-digit NAICS Industry
Industry Focus: Workforce Characteristics Results

Employee Distribution by Age and Sex
State=District of Columbia, Males (District of Columbia part only), DC-VA-NJ-WV (DC part), Industry=541, Professional, Scientific, and Technical Services
Date=2022Q2, Private Firms Only

What do you want to find out about the workforce?
- Employee Distribution by Age and Sex
- Employee Turnover by Age and Sex
- Employee Retention Rates by Age and Sex
- Employee Average Monthly Earnings by Age and Sex
- New Employee Average Monthly Earnings by Age and Sex
Area Profile Analysis in 2009 by Primary Jobs

**Analysis Settings**

**Home/Work Area**
- Determines whether the selection area is analyzed on where workers live ("Home") or where workers are employed ("Work").
- Options: Home, Work

**Analysis Type**
- Determines the type of results that will be generated for the selected area.
- Options:
  - Area Profile
  - Area Comparison
  - Distance/Direction
  - Destination
  - Inflow/Outflow
- Note: Home/Work choice does not affect results

**Year**
- Determines the year(s) of data that will be processed in the analysis.

**Job Type**
- Determines the scope of jobs that will be processed in the analysis.
- Options:
  - All Jobs
  - Primary Jobs
  - All Private Jobs
  - Private Primary Jobs
Comparison Analysis

Area Comparison Analysis in 2007, 2008 and 2009 by Primary Jobs

- Home Work Area
- Analysis Type
  - Determines the type of results that will be generated for the selected area.
    - Area Profile
    - Labor Market Segment
    - All Workers
    - Area Comparison: Census Tracts
    - Area Comparison: Labor Market Segment
    - More than $3,353 per month
- Year
  - Determines the year(s) of data that will be processed in the analysis.
    - 2010
    - 2009
    - 2008
    - 2007
    - 2006
    - 2005
    - 2004
    - 2003
    - 2002
- Job Type
  - Determines the scope of jobs that will be processed in the analysis.
    - All Jobs
    - Primary Jobs
    - Private Jobs
    - Private Primary Jobs
Report/Map Outputs

OnTheMap

Thematic Overlay
Selection Outline
Identify
Zoom to Selection
Clear Overlays
Animate Overlays

Report/Map Outputs

Detailed Report
Export Geography
Print Chart/Map

Legends

644 Jobs
101 Jobs

Analysis Selection

Analysis Settings

Change Settings

Work Area Comparison Analysis by Census Tracts
Workers Earning More than $3,333 per month

Job Counts by Census Tracts in 2009 - Primary Jobs

<table>
<thead>
<tr>
<th>Analysis Selection</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Census Tracts</td>
<td>745</td>
</tr>
<tr>
<td>401 (Richmond, VA)</td>
<td>644</td>
</tr>
<tr>
<td>402 (Richmond, VA)</td>
<td>101</td>
</tr>
</tbody>
</table>
Detailed Report View

**Jobs by Worker Age**

<table>
<thead>
<tr>
<th>Age Range</th>
<th>All Census Tracts</th>
<th>401 (Richmond, VA)</th>
<th>402 (Richmond, VA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age 29 or younger</td>
<td>45</td>
<td>43</td>
<td>2</td>
</tr>
<tr>
<td>Age 30 to 54</td>
<td>523</td>
<td>454</td>
<td>69</td>
</tr>
<tr>
<td>Age 55 or older</td>
<td>177</td>
<td>147</td>
<td>30</td>
</tr>
</tbody>
</table>

**Jobs by Earnings**

<table>
<thead>
<tr>
<th>Earnings Range</th>
<th>All Census Tracts</th>
<th>401 (Richmond, VA)</th>
<th>402 (Richmond, VA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,250 per month or less</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>$1,251 to $3,333 per month</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>More than $3,333 per month</td>
<td>746</td>
<td>644</td>
<td>101</td>
</tr>
</tbody>
</table>

Close

OnTheMap

Work Area Comparison Analysis

Workers Earn $3,333 per month

Thematic Changes

Selection Options

- Identify
- Clear Overlays

Legend

- 644 Jobs
- 101 Jobs

Analysis Settings

Change Settings

United States Census Bureau
Export Geography

Choose an export format:
- ShapeFile (All Years)
- KML (Current Year Only)
- CSV (Census Blocks in Selection Area)

Cancel  Okay
Google Earth
Local Employment Dynamics

401 (Richmond, VA)

<table>
<thead>
<tr>
<th>Category</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>644</td>
</tr>
<tr>
<td>Age 29 or younger</td>
<td>43</td>
</tr>
<tr>
<td>Age 30 to 54</td>
<td>464</td>
</tr>
<tr>
<td>Age 55 or older</td>
<td>147</td>
</tr>
<tr>
<td>$1,250 per month or less</td>
<td>0</td>
</tr>
<tr>
<td>$1,251 to $3,333 per month</td>
<td>0</td>
</tr>
<tr>
<td>More than $3,333 per month</td>
<td>644</td>
</tr>
<tr>
<td>Agriculture, Forestry, Fishing and Hunting</td>
<td>4</td>
</tr>
<tr>
<td>Mining, Quarrying, and Oil and Gas Extraction</td>
<td>1</td>
</tr>
<tr>
<td>Utilities</td>
<td>13</td>
</tr>
<tr>
<td>Construction</td>
<td>18</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>56</td>
</tr>
<tr>
<td>Wholesale Trade</td>
<td>48</td>
</tr>
<tr>
<td>Retail Trade</td>
<td>33</td>
</tr>
<tr>
<td>Transportation and Warehousing</td>
<td>30</td>
</tr>
<tr>
<td>Information</td>
<td>24</td>
</tr>
<tr>
<td>Finance and Insurance</td>
<td>28</td>
</tr>
<tr>
<td>Real Estate and Rental and Leasing</td>
<td>5</td>
</tr>
<tr>
<td>Professional, Scientific, and Technical Services</td>
<td>49</td>
</tr>
<tr>
<td>Management of Companies and Enterprises</td>
<td>12</td>
</tr>
<tr>
<td>Administration &amp; Support, Waste Management and Remediation</td>
<td>13</td>
</tr>
<tr>
<td>Educational Services</td>
<td>155</td>
</tr>
<tr>
<td>Health Care and Social Assistance</td>
<td>71</td>
</tr>
<tr>
<td>Arts, Entertainment, and Recreation</td>
<td>5</td>
</tr>
<tr>
<td>Accommodation and Food Services</td>
<td>10</td>
</tr>
<tr>
<td>Other Services (excluding Public Administration)</td>
<td>15</td>
</tr>
<tr>
<td>Public Administration</td>
<td>56</td>
</tr>
<tr>
<td>White Alone</td>
<td>542</td>
</tr>
</tbody>
</table>
2009 Work Area Comparison Report by Census Tracts

Workers Earning More than $3333 per month

Job Counts by Census Tracts in 2009 workers earning more than $3333 per month

Job Counts by Census Tracts in 2009 - Primary Jobs


Notes:
1. Race, Ethnicity, Educational Attainment, and Sex statistics are beta release results and only available for 2009 and 2010 data.
2. Educational Attainment is only produced for workers aged 30 and over.
**Distance / Direction**

**Analysis Settings**

**Home/Work Area**
Determines whether the selection area is analyzed on where workers live ("Home") or where workers are employed ("Work").
- **Home**
- **Work**

**Analysis Type**
Determines the type of results that will be generated for the selected area.
- **Area Profile**
  - Labor Market Segment:
    - All Workers
- **Area Comparison**
  - Areas to Compare:
    - Places (Cities, CDPs, etc.)
  - Labor Market Segment:
    - All Workers
- **Distance/Direction**
- **Destination**
  - Destination Type:
    - Places (Cities, CDPs, etc.)
- **Inflow/Outflow**
  - Note: Home/Work choice does not affect results

**Year**
Determines the year(s) of data that will be processed in the analysis.
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002

**Job Type**
Determines the scope of jobs that will be processed in the analysis.
- All Jobs
- Primary Jobs
- All Private Jobs
- Private Primary Jobs

**Go!**
Home Destination Analysis
by Places (Cities, CDPs, etc.)

Display Settings
- Labor Market Segment Filter
- Number of Results
- Year

Map Controls
- Color Key
- Thematic Overlay
- Spoke Overlay
- Selection Outline

Report/Map Outputs
- Detailed Report
- Export Geography
- Print Chart/Map

Change Settings
Search for a study area

Search Results

- Counties
  - Baltimore County, MD
  - Baltimore city, MD
- Places (Cities, CDPs, etc.)
  - Baltimore Highlands CDP, MD
  - Baltimore city, MD
  - Baltimore village, OH
  - New Baltimore CDP, VA
  - New Baltimore borough, PA
  - New Baltimore CDP, OH
  - North Baltimore village, OH
  - New Baltimore city, MI
- Metropolitan/Micropolitan Areas (CBSA)
  - Baltimore-Towson, MD
- Workforce Investment Areas (WIA)
  - 02 Baltimore County WIA
  - 03 Baltimore City WIA
- County Subdivision
Questions?

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