## The Local Employment Dynamics Partnership's Power Tools:

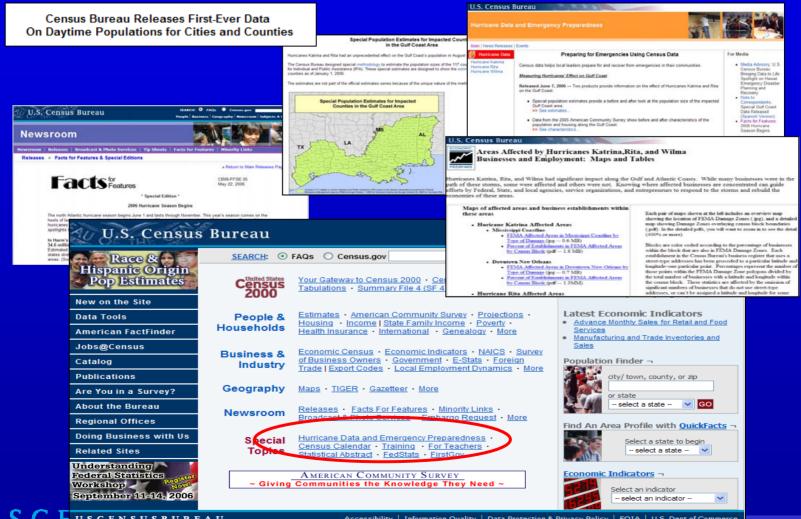
OnTheMap
Industry Focus
QWI Online
and the
Community Economic Development
HotReport

## A New Approach for the Census Bureau: Integrated Data

#### Uses

- Workforce development
- Rapid response
- Transportation planning
- Emergency preparedness/recovery
- Labor market analysis
- Research on aging
- Program evaluation

## Hurricane Katrina Encourages Bundling of Information



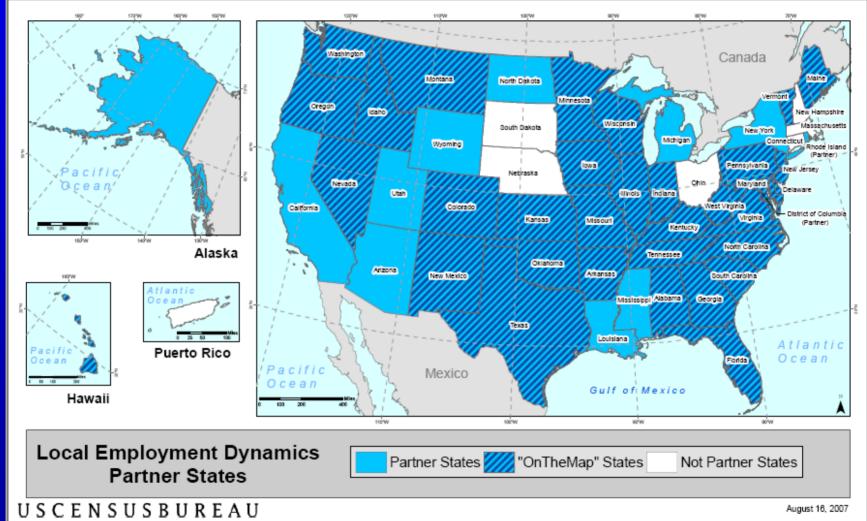
#### Tools Provide Integrated Workforce/ Economic Development Information

- ✓ Local Employment Dynamics shows:
  - ✓ quarterly workforce indicators
  - √ top industries
  - ✓ worker characteristics
  - ✓ the relationship between where people live and work,
  - ✓ and where the daytime population is located
- ✓ HotReports display data visually on an interactive web page; data are drawn from multiple data sets to address specific issues

#### **Local Employment Dynamics**

- ✓ A voluntary partnership between 45 states and the Census Bureau
- States supply quarterly worker and business wage records
- ✓ Census Bureau merges the state records with existing business and household data to produce new information about your local economy.
- ✓ The Census Bureau ensures confidentiality of the data

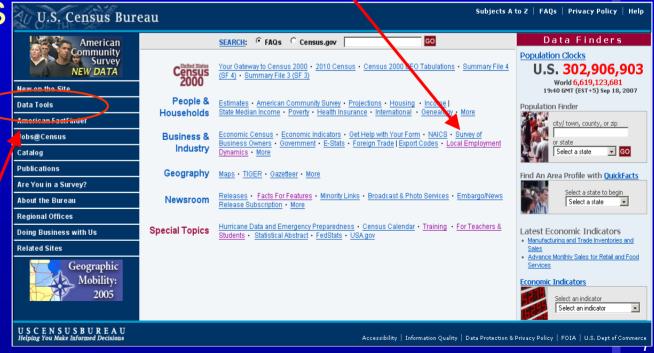
## Local Employment Dynamics Partnership



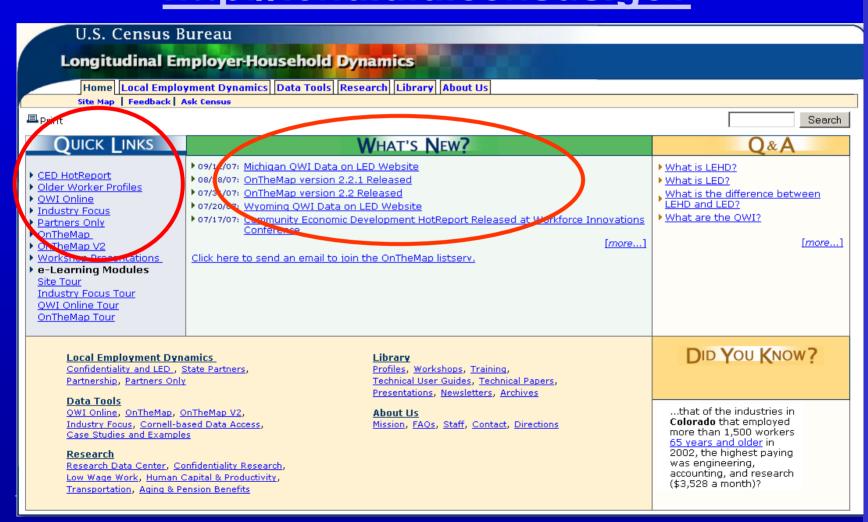
#### www.census.gov

- ✓ Next to Business & Industry
- ✓ Click on Local Employment Dynamics
- ✓ Or click on

Data Tools U.S. Census Bureau



# Local Employment Dynamics' Tools and Features http://lehd.did.census.gov



# Produces Older Worker Profiles

**√**36.8 million people are age 65 and older (12% of population)

√5.1 million people
are age 85 and older

http://lehd.did.census.gov/led/library/profiles\_2007.html

#### The Geographic Distribution and Characteristics of Older Workers in Iowa: 2004

Local Employment Dynamics

#### What's in This Report?

HIGHLIGHTS

THE LOCAL EMPLOYMENT DYNAMICS PROGRAM

SOURCES AND ACCURACY OF THE ESTIMATES

CHARACTERISTICS AND EMPLOYMENT DYNAMICS OF OLDER WORKERS

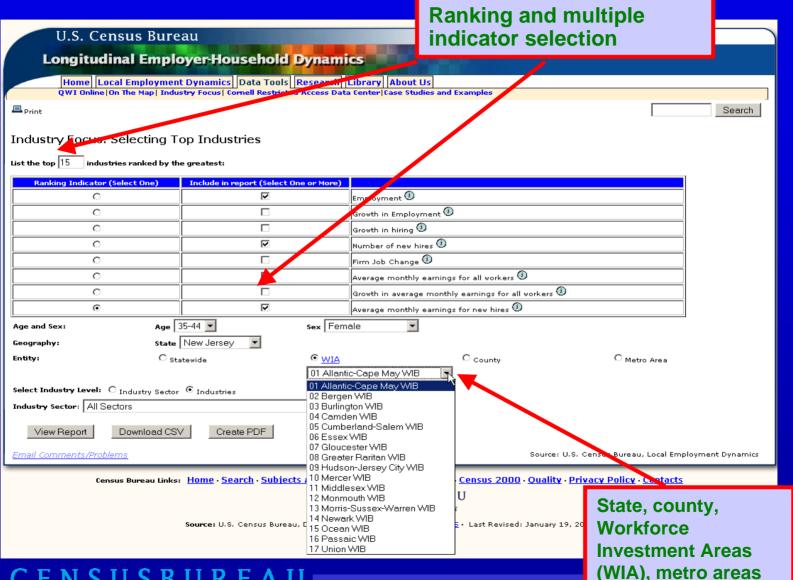
Table 1—Percentage of Workers by Age in Metropolitan Statistical Areas and Nonmetropolitan Area Workplaces: 2004

#### Industry Sectors With the Highest Proportions of Older Workers in 2004<sup>5</sup>

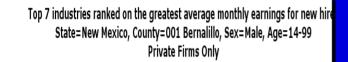
- Statewide, among industry sectors that employed 100 or more workers 55 and older, Mining (NAICS 21) had the highest proportion of workers in this age group. This sector did not have the highest percentage of workers 55 and older in any individual county.
- Industry sectors with more than 1 in 5 workers 55 and older that employed at least 100 or more workers from that age group include:

Industry	Percentage of workforce
Mining Educational services Real estate and rental and	23.1 22.1
leasing	20.6 20.1

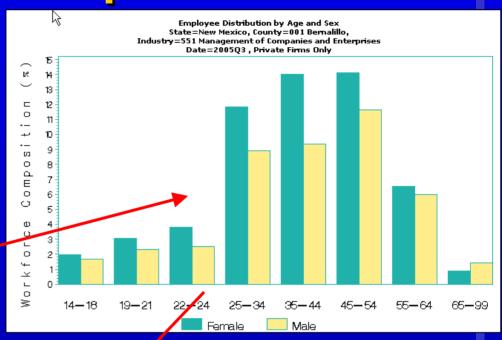
#### First Tool: Industry Focus



#### Industry Focus provides...







Click on industry to see workforce characteristics.

	14-18	19-21	22-24	25-34	35-44	45-54	55-64	65-99
Female	1.96%	3.04%	3.8%	11.86%	14.04%	14.11%	6.53%	0.86%
Male	1.67%	2.3%	2,53%	8.92%	9.35%	11.65%	5.98%	1.41%

...easy, intuitive selection criteria and economic indicators for your geography, work force, and industry.

## LED's Primary Product: Quarterly Workforce Indicators

#### **✓ QWI indicators:**

- Employment
- Earnings
- Job creation
- Job destruction
- Turnover

#### Analyzed by

- Geography
- Industry
- Gender
- Age
- Time

#### **QWI Quick Facts**

- Total Employment
- Net Job Flows
- Job Creation
- New Hires
- Separations
- Turnover
- Avg Monthly Earnings
- Avg New Hire Earnings

## QWI Online: Data Refreshed Quarterly

The ye	The year and quarter number below each state indicate the latest complete update for that state.								
<u>Alabama</u> (2006 Q3)	<u>Florida</u> (2006 Q2)	<u>Louisiana</u> (2006 Q2)	Nebraska	<u>Oklahoma</u> (2006 Q1)	<u>Vermont</u> (2006 Q3)				
<u>Alaska</u> (2006 Q3)	<u>Georqia</u> (2006 Q2)	<u>Maine</u> (2006 Q3)	<u>Nevada</u> (2006 Q3)	<u>Oregon</u> (2006 Q3)	<u>Virqinia</u> (2006 Q2)				
Arizona	<u>Hawaii</u> (2006 Q3)	<u>Maryland</u> (2006 Q3)	New Hampshire	Pennsylvania (2006-02)	<u>Washinqton</u> (2006 Q3)				
<u>Arkansas</u> (2006-03)	<u>Idaho</u> (2006 Q2)	Massachusetts	New Jersey (2006 Q3)	<u>Rhode Island</u> (2006 Q2)	West Virginia (2006 Q3)				
<u>California</u> (2004 Q4)	<u>Illinois</u> (2006 Q2)	Michiqan (2006 Q1)	<u>New Mexico</u> (2006 Q2)	South Carolina (2006 Q3)	<u>Wisconsin</u> (2006 Q2)				
<u>Colorado</u> (2006 Q3)	<u>Indiana</u> (2006 Q2)	Minnesota (2006 Q1)	New York	South Dakota	<u>Wyominq</u> (2006 Q2)				
Connecticut	<u>Iowa</u> (2006 Q3)	<u>Mississippi</u> (2005 Q3)	North Carolina (2006 Q2)	<u>Tennessee</u> (2006 Q2)	Puerto Rico				
District of Columbia	<u>Kansas</u> (2006 Q2)	<u>Missouri</u> (2005 Q3)	<u>North Dakota</u> (2006 Q3)	<u>Texas</u> (2006 Q2)	Virgin Islands				
<u>Delaware</u> (2006 Q3)	<u>Kentucky</u> (2006 Q3)	<u>Montana</u> (2006 Q3)	Ohio	<u>Utah</u> (2006 Q3)					

#### **QWI Online – Flagship Tool**

8 age Most recent categories data

**Updates instantaneously** 

2-, 3-, and 4-digit NAICS code

		mistantaneously		and the state of t
QWI Online [	_	/		
		<b>Feports - Quarterly Work</b> Led below as selections change.		rs
Jelect Citteria Below. A New I	report will be crea			
Year 2006 💌	Geographi	Grouping WIA 💌 or Info	ormation by De	etailed ndustry
Quarter Q2 💌	/	WIA 14 Newark WIB	▼	
Sex Male and Female	∍ ▼	Industry 55 Management of I	Companies and E	interp es
AgeGroup 45-54 ▼		Ownership All(1-5)		•
Download Dataset	Print Table			
QWI Quick Facts	Newark WIB	Newark WIB (Avg:Selected + 3 Prior qtrs)	New Jersey (Q2)	New Jersey (Avg:Selected + 3 Prior qtrs)

QWI Quick Facts	Newark WIB	Newark WIB (Avg:Selected + 3 Prior qtrs)	New Jersey (Q2)	New Jersey (Avg:Selected + 3 Prior qtrs)
Total Employment	915	907	18,821	19,170
Net Job Flows	-15	-6	486	-302
① Job Creation	2	2	971	518
New Hires	9	8	1,238	921
<ul><li>Separations</li></ul>	25	17	1,078	1,513
① Turnover	1.5%	1.0%	6.5%	5.9%
Avg Monthly Earnings	\$10,244.00	\$16,296.00	\$9,132.00	\$10,736.50
Avg New Hire Earnings	\$4,806.00	\$7,136.25	\$10,880.00	\$10,125.75

#### Tool 3: OnTheMap

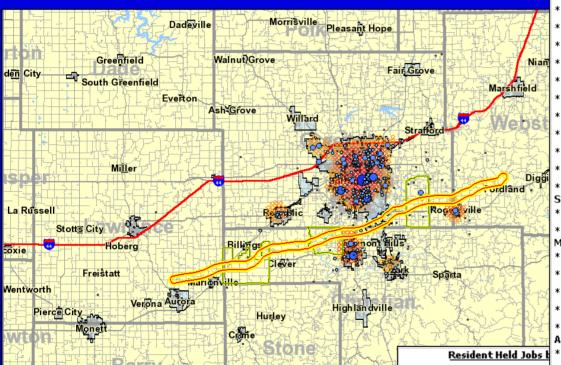
All 42 states (including Hawaii and Alaska) now online



- Three years of data (2002-2004)
- Cross-state patterns for all states
- Geographical layers including WIRED regions, WIAs, Congressional Districts and tribal lands
- Shows where people live and where they work;
   where the population is in the daytime

#### Real Uses: Where Tornado-Zone Residents Go to

Work



	Workers by Industry Type (2-digit NAICS)	20	03
		Count	Share
	* Agriculture, Forestry, Fishing and Hunting	5	0.3%
*	* Mining	1	0.1%
Ė	* Utilities	3	0.2%
Ĩ	* Construction	134	8.6%
ıñ	* Manufacturing	195	12.5%
	* Wholesale Trade	132	8.5%
Z	* Retail Trade	230	14.8%
Ĭ	* Transportation and Warehousing	79	5.1%
	* Information	54	3.5%
`	* Finance and Insurance	82	5.3%
ģi	* Real Estate and Rental and Leasing	25	1.6%
	* Professional, Scientific, and Technical Services	70	4.5%
£	* Management of Companies and Enterprises	35	2.2%
Ŧ	* Administration & Support, Waste Management and Remediation	76	4.9%
-	* Educational Services	13	0.8%
	* Health Care and Social Assistance	202	13%
I(	* Arts, Entertainment, and Recreation	23	1.5%
1	* Accommodation and Food Services	124	8%
H H	* Other Services (excluding Public Administration)	74	4.8%
: Ł	* Public Administration	0	0%

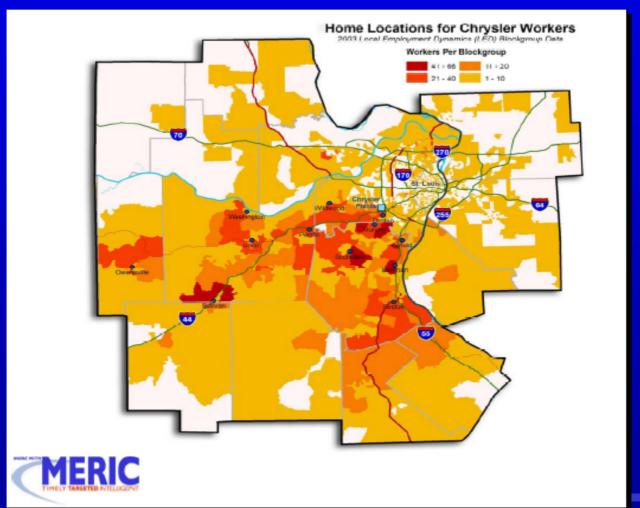
All Jobs	1,943	100.0%
All Jobs (Private Sector Only)	1,644	84.6%
All Primary Jobs (Worker's highest paying job)	1,843	94.9%
All Primary Jobs (Private Sector Only) and Baseline Count of Workers	1,557	80.1%

Workers by Earnings Paid	2003		
	Count	Share	
\$1,200 per month or less	452	29%	
\$1,201 to \$3,400 per month	674	43,3%	
More then \$3,400 per month	431	27.7%	

## Real Uses: I-35 Bridge Collapse Impact on Workers in NE CBD who Live South of the Bridge



# Real Uses: Impact of Potential Plant Layoffs on Economy of Illinois-Missouri

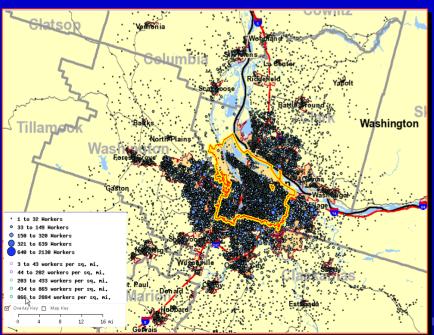


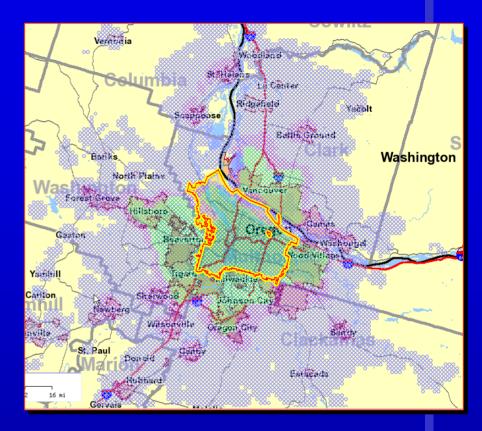
#### Types of OnTheMap Reports

- Shed: shows where people live or work by city, county and state.
- Profile: shows workers' age and wage ranges by industry
- QWI: shows 10 Quarterly Workforce Indicators.
- Concentric Circle Analysis: shows Profile report information for each circle, i.e., 1-, 3- and 5-miles
- The text box allows you to name your report.
- Reports can be downloaded.

# OnTheMap: Where Portland Oregon Workers Live (In Oregon and Washington)

Workers per Block





Density per Square Mile

#### OnTheMap: Three Years of Data

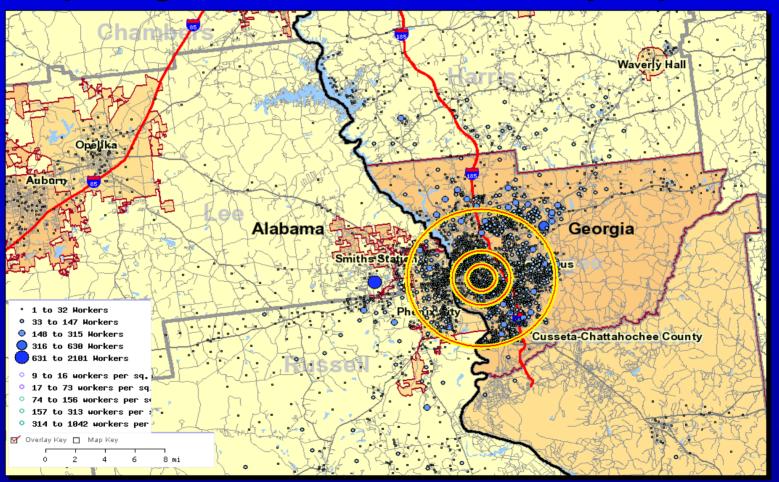
Selection Area Profile - Characteristics of Employed Workers

Area Employment by Category	2004		2003		2002	
	Count	Share	Count	Share	Count	Share
Total Employers	482		441		414	
* All Jobs	4,696	100.0%	4,258	100.0%	4,175	100.0%
* All Jobs (Private Sector Only)	3,702	78.8%	3,327	78.1%	3,250	77.8%
* All Primary Jobs (Worker's highest paying job)	4,381	93.3%	4,001	94.0%	3,904	93.5%
* All Primary Jobs (Private Sector Only)	3,453	73.5%	3,131	73.5%	3,045	72.9%

<b>Baseline Count of Jobs</b>	20	004	2003		2002	
	Count	Share	Count	Share	Count	Share
All Jobs (Private Sector Only)	3,702	100.0%	3,327	100.0%	3,250	100.0%

Jobs by Worker Age	20	04	2003		2002	
	Count	Share	Count	Share	Count	Share
* Age 30 or younger	1,167	31.5%	1,087	32.7%	1,058	32.6%
* Age 31 to 54	1,977	53.4%	1,740	52.3%	1,729	53.2%
* Age 55 or older	558	15.1%	500	15.0%	463	14.2%

# Identify Workforce within Specified Range of Miles (Using Concentric Circle Analysis)

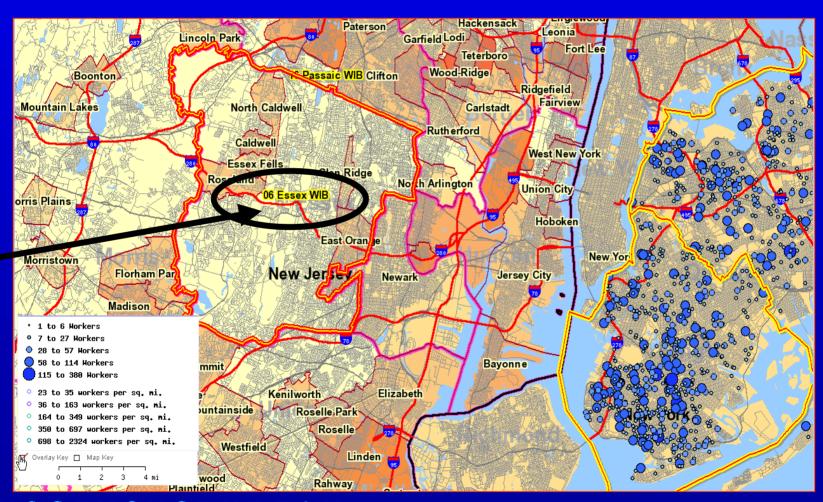


## Report from Concentric Circle Analysis

Jobs by Earnings Paid	5 Mi. Radius		2 Mi. Radius		1 Mi. Radius	
	Count	Share	Count	Share	Count	Share
* \$1,200 per month or less	24,736	32.2%	8,178	23.0%	1,899	27.5%
* \$1,201 to \$3,400 per month	36,414	47.4%	18,690	52.6%	3,660	53.0%
* More then \$3,400 per month	15,735	20.5%	8,649	24.4%	1,348	19.5%

<u>Jobs by Industry Type (2-digit</u> <u>NAICS)</u>	<u>2-digit</u> 5 Mi. Radius		2 Mi. Radius		1 Mi. Radius	
	Count	Share	Count	Share	Count	Share
* Agriculture, Forestry, Fishing and Hunting	80	0.1%	25	0.1%	2	0.0%
* Mining	80	0.1%	29	0.1%	0	0.0%
* Utilities	205	0.3%	67	0.2%	63	0.9%
* Construction	3,043	4.0%	1,200	3.4%	346	5.0%
* Manufacturing	9,490	12.3%	3,334	9.4%	53	0.8%
* Wholesale Trade	1,728	2.2%	604	1.7%	37	0.5%
* Retail Trade	9,500	12.4%	1,947	5.5%	433	6.3%
* Transportation and Warehousing	665	0.9%	45	0.1%	11	0.2%
* Information	5,110	6.6%	4,159	11.7%	330	4.8%
* Finance and Insurance	5,659	7.4%	4,127	11.6%	2,797	40.5%
* Real Estate and Rental and Leasing	1,586	2.1%	418	1.2%	90	1.3%
* Professional, Scientific, and Technical Services	3,742	4.9%	2,620	7.4%	425	6.2%
* Management of Companies and Enterprises	1,687	2.2%	1,091	3.1%	86	1.2%
* Administration & Support, Waste Management and Remediation	6,123	8.0%	2,776	7.8%	719	10.4%
* Educational Services	2,374	3.1%	41	0.1%	11	0.2%
* Health Care and Social Assistance	9,846	12.8%	7,030	19.8%	568	8.2%

## Where Workers in 06 Essex WIB Live in Kings/Queens County



#### Keep in Mind...

LED not yet national in scope.

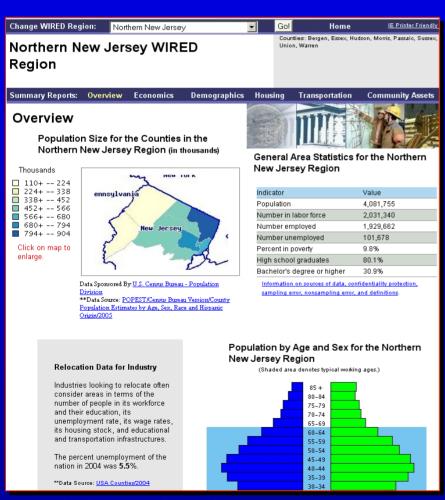
 LED does not yet include military, selfemployed or federal workers.

 Data in OnTheMap refreshed annually.
 QWI are refreshed quarterly. Not all states supply data at the same rate.

## Want to Learn More? Try Our e-learning Tools!



## Community Economic Development HotReport

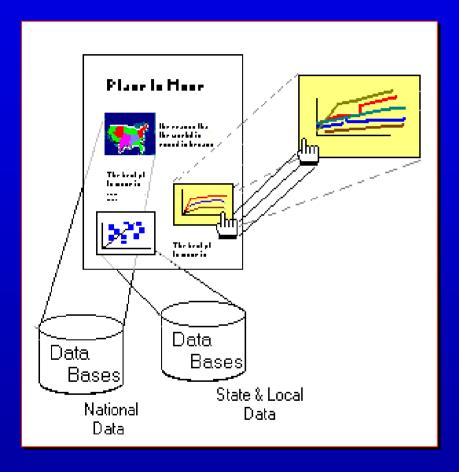


- ✓ Available for all counties/ county equivalents
- ✓ Contains ETA WIRED regions
- ✓In future, may allow usercreated aggregations of counties

http://ced.census.gov

#### How HotReports Work

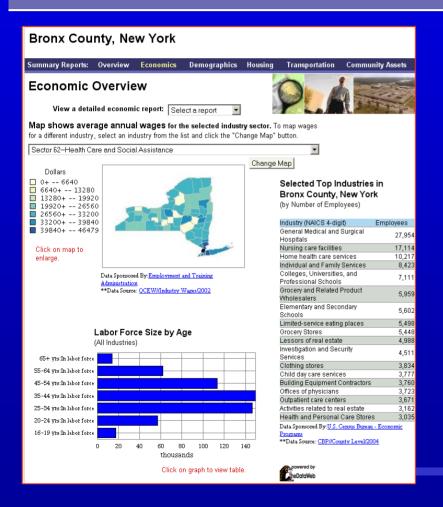




- ✓ Builds web pages/reports without a programmer
- ✓ Incorporates statistical intelligence
- ✓ Creates reports by dragging and dropping DataFerrett graphics, maps, and tables into dynamic web pages

## Community Economic Development HotReport Features

Summary Reports: Overview Economics Demographics Housing Transportation Community Assets





#### **Contact Us**

General Comments/Suggestions
did.local.employment.dynamics@census.gov

Local Employment Dynamics <a href="http://lehd.did.census.gov">http://lehd.did.census.gov</a>

Community Economic Development HotReport http://ced.census.gov

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