

Local Employment Dynamics'
OnTheMap v. 3
All New Information

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October 2008

Uses for *OnTheMap*

Economic Planning & Time Series

- Where is the labor supply located?
- Which industries are growing or declining over time?

Transportation planning & analysis

- Between which areas do workers commute?

Emergency management

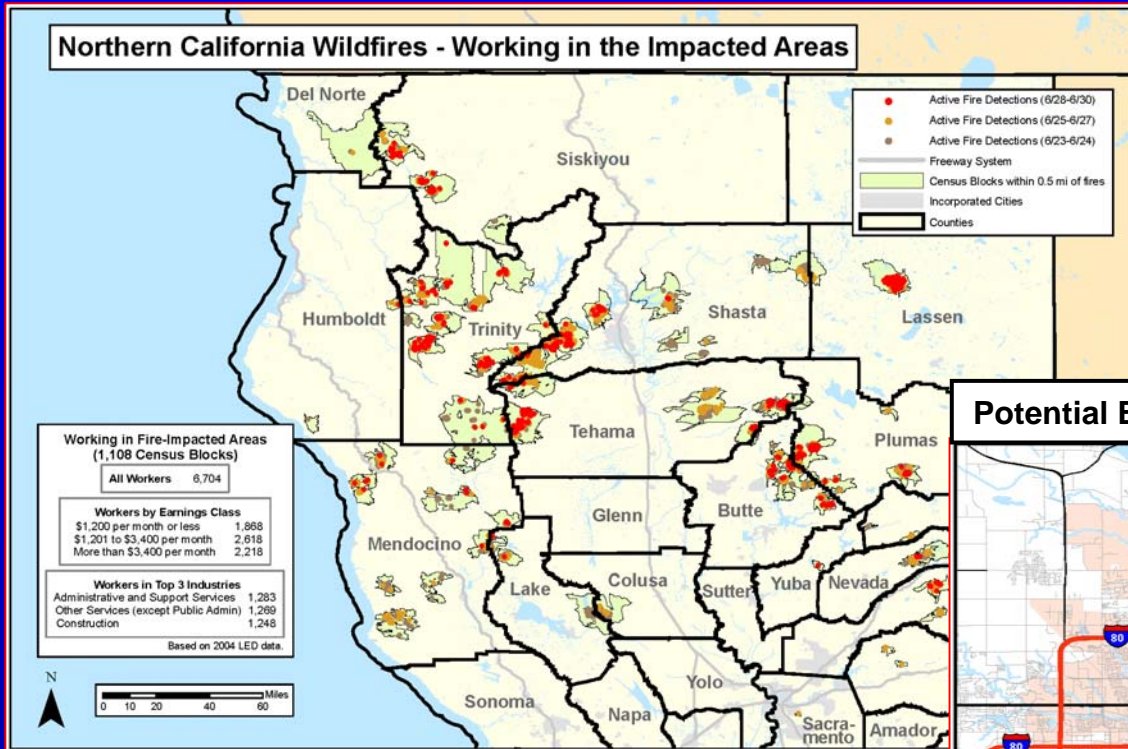
- Daytime population estimates

When there was...

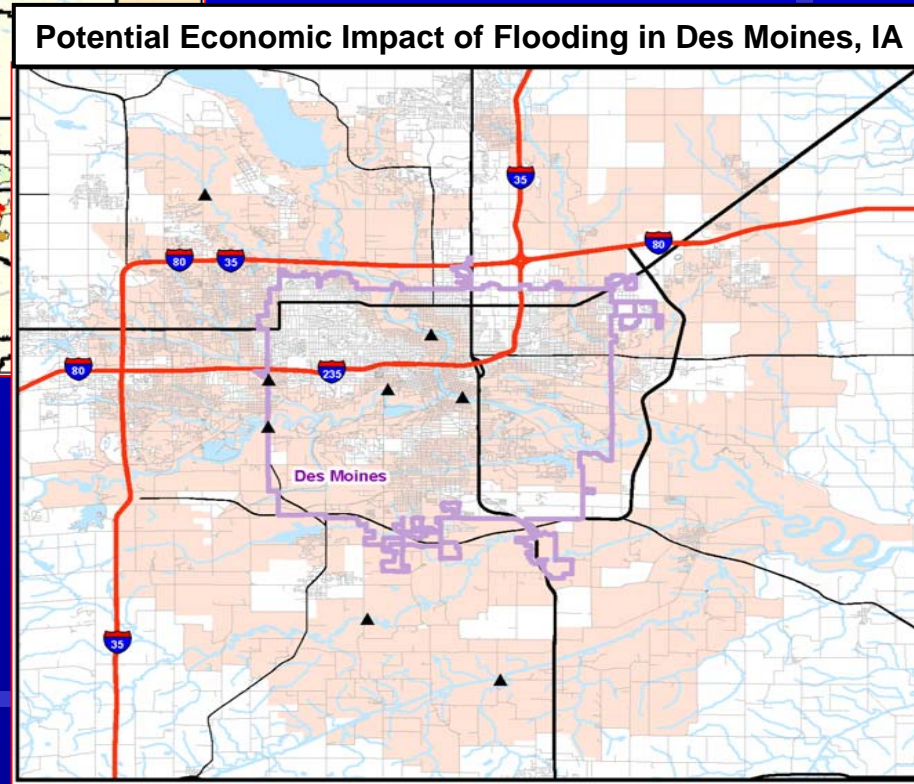
- ...a bridge collapse in Minneapolis,**
- ...a proposed plant closure in Missouri,**
- ...a hurricane headed for the east coast,**
- ...a rash of wild fires in California,**
- ...a flood in Iowa**

**What kind of economic
information did OnTheMap
provide?**

Emergency Response



Detailed GIS analyses using OnTheMap's underlying data



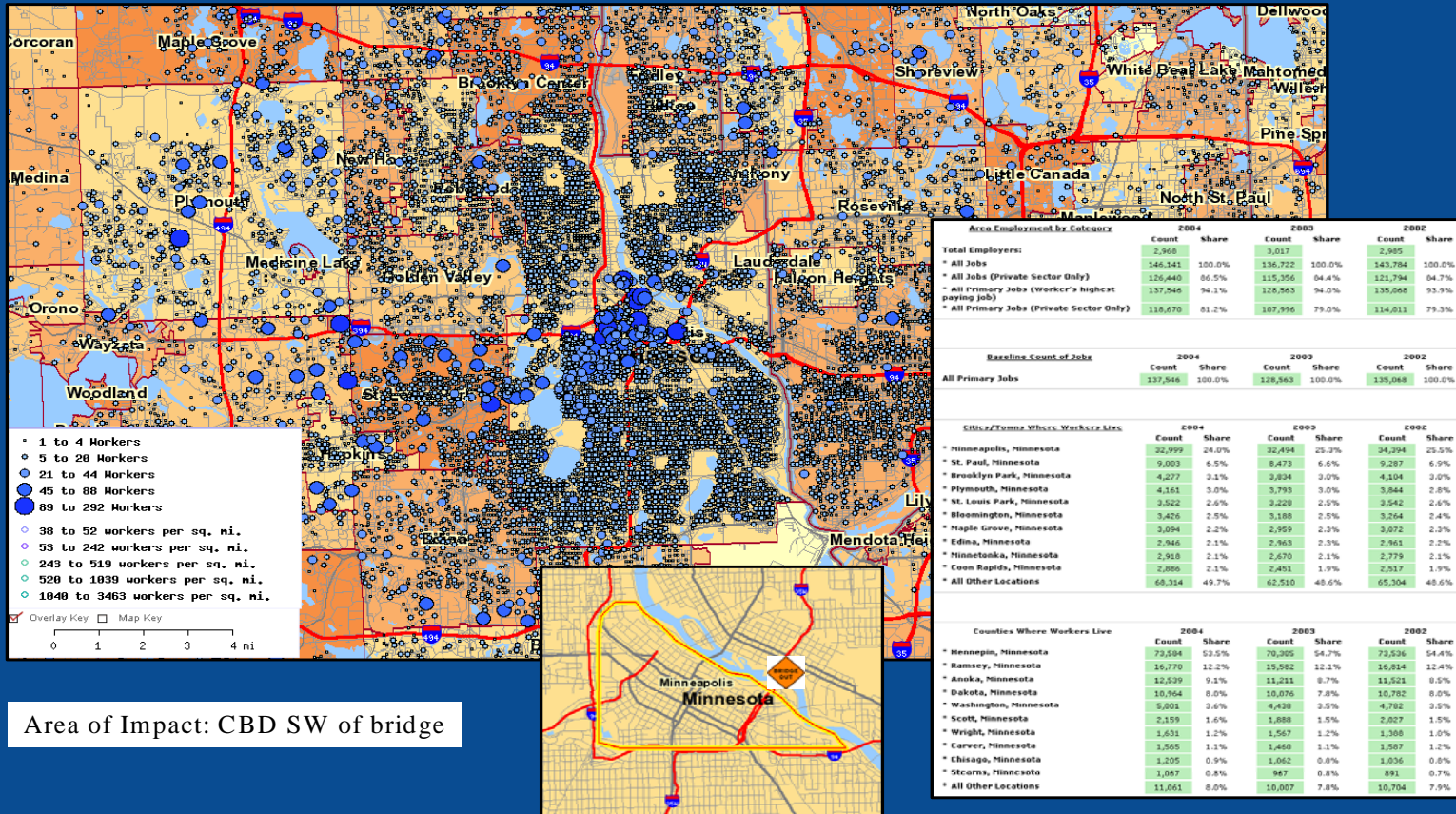
Analyses at the Census Block level of geographical detail

Impact of I-35W Bridge Collapse

OnTheMap

Labor Shed Analysis

Where Workers in the Central Business District Live

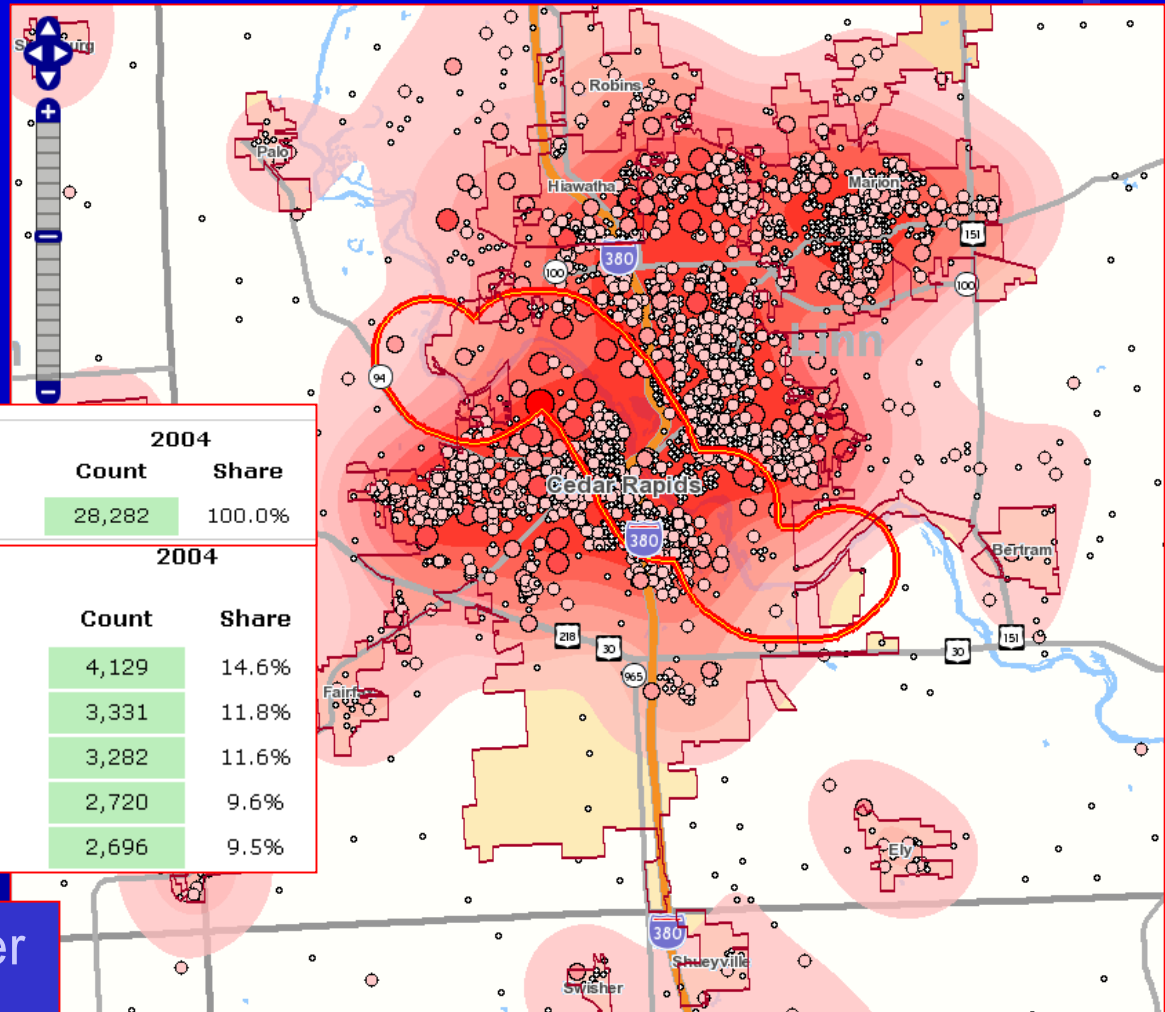


Local Employment Dynamics

All About Jobs

USCENSUSBUREAU
Helping You Make Informed Decisions

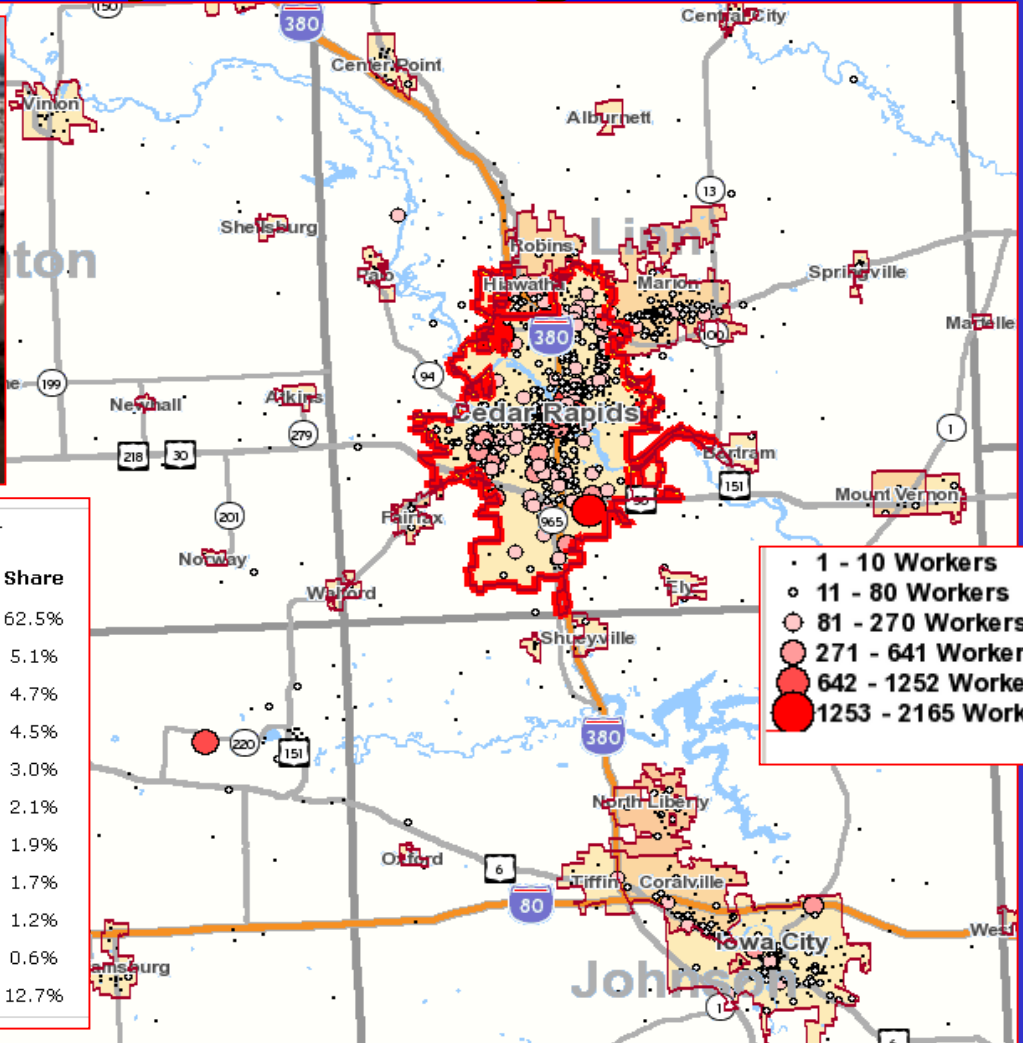
AP: “The flooding in Cedar Rapids swamped 1,300 city blocks, forced 24,000 people to flee their homes...”



<u>All Primary Jobs Total</u>		2004	
	Count	Share	
All Primary Jobs Total	28,282	100.0%	
<u>Job counts in ZIP Codes (ZCTA) Where Where Workers Live</u>		2004	
	Count	Share	
52402	4,129	14.6%	
52405	3,331	11.8%	
52404	3,282	11.6%	
52403	2,720	9.6%	
52302	2,696	9.5%	

Analysis uses 1 mile buffer on either side of river

AP: “9.2 square miles of the city affected by flooding”



Job counts in Cities/Towns Where Resident-Workers are Employed

2004

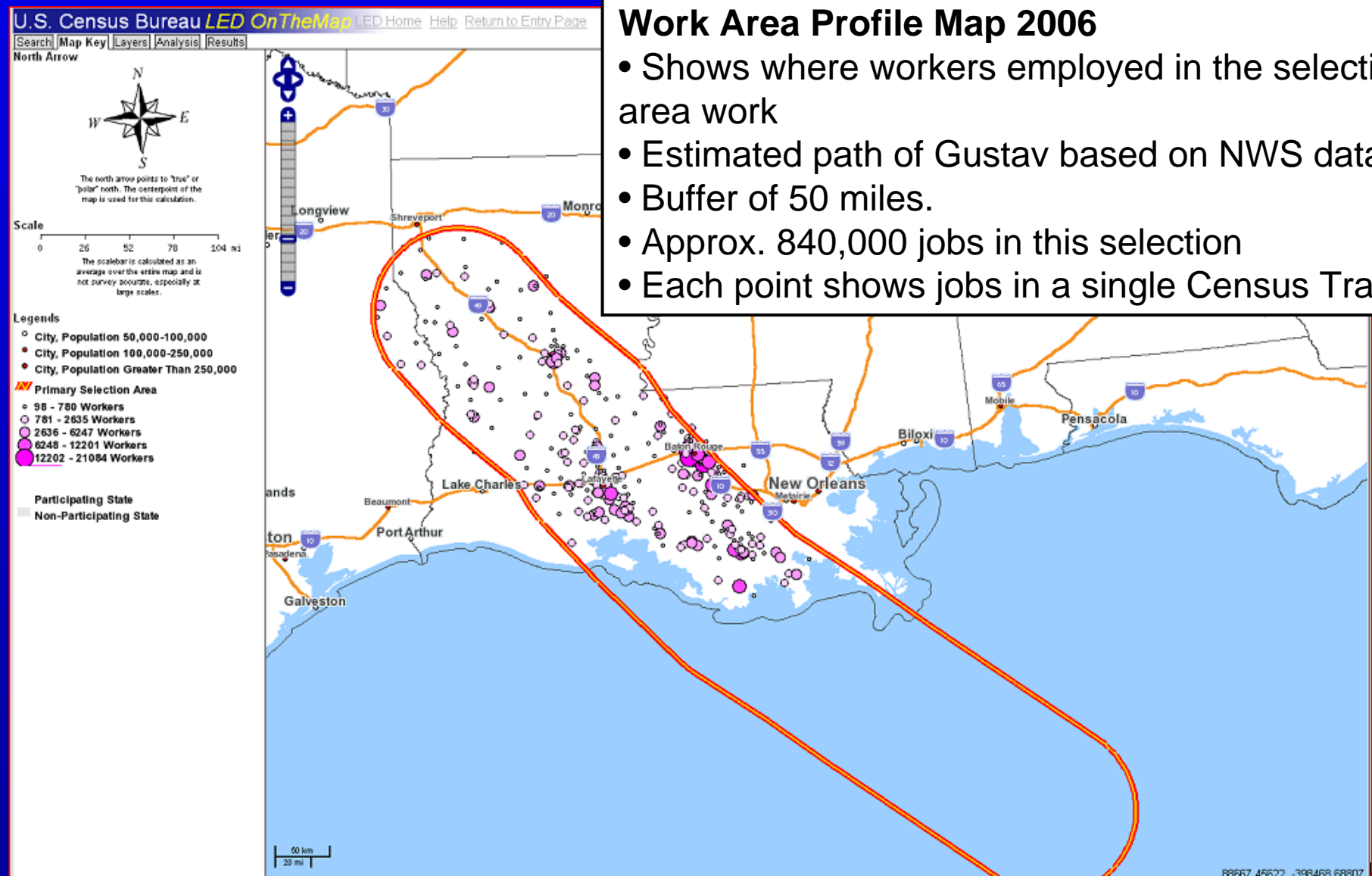
	Count	Share
Cedar Rapids, Iowa	34,868	62.5%
Unincorporated, Iowa	2,828	5.1%
Marion, Iowa	2,627	4.7%
Iowa City, Iowa	2,536	4.5%
Hiawatha, Iowa	1,679	3.0%
Des Moines, Iowa	1,161	2.1%
Davenport, Iowa	1,080	1.9%
Coralville, Iowa	929	1.7%
Waterloo, Iowa	658	1.2%
Dubuque, Iowa	362	0.6%
All Other Locations	7,024	12.7%

- 1 - 10 Workers
- 11 - 80 Workers
- 81 - 270 Workers
- 271 - 641 Workers
- 642 - 1252 Workers
- 1253 - 2165 Workers

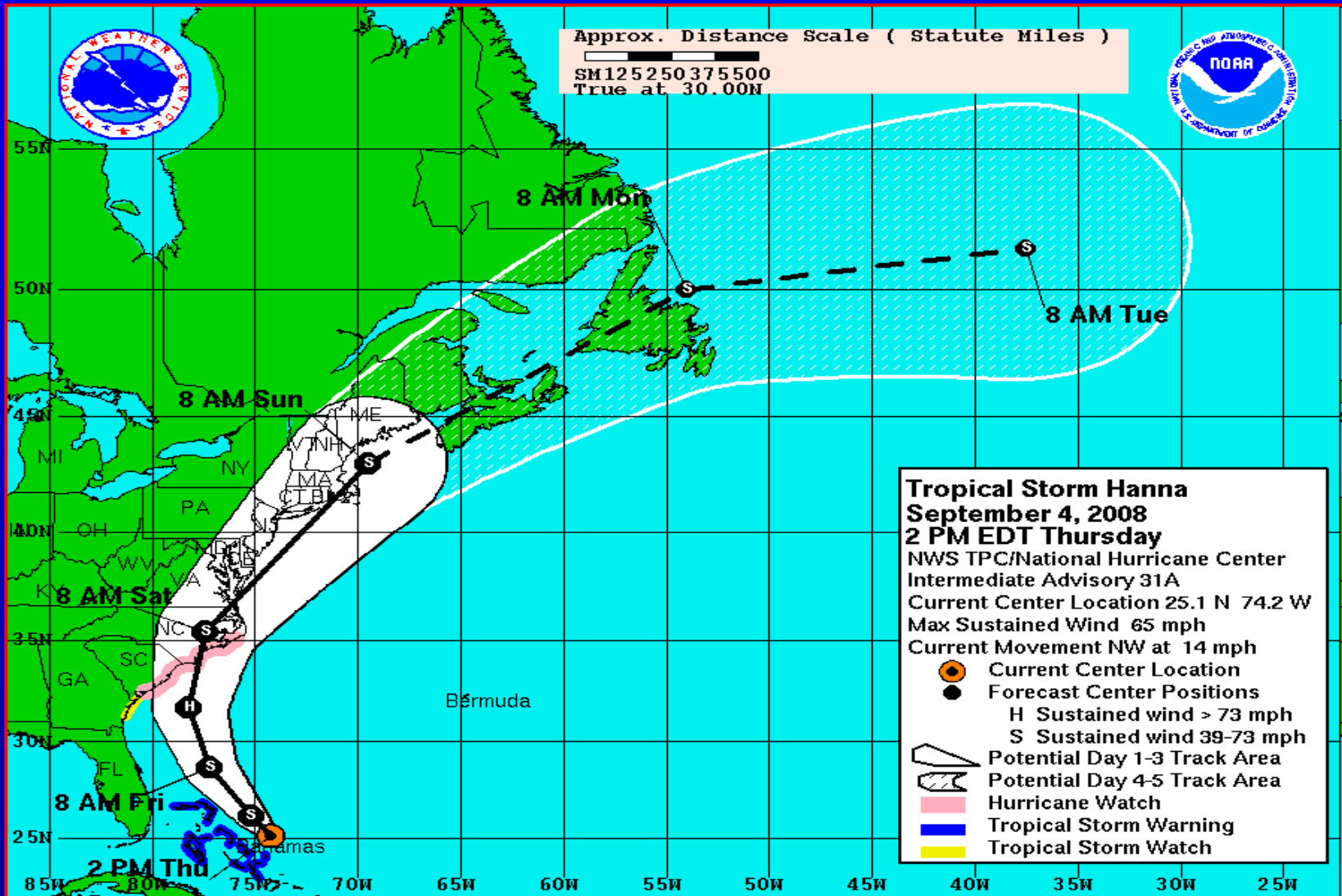
Hurricane Gustav

Work Area Profile Map 2006

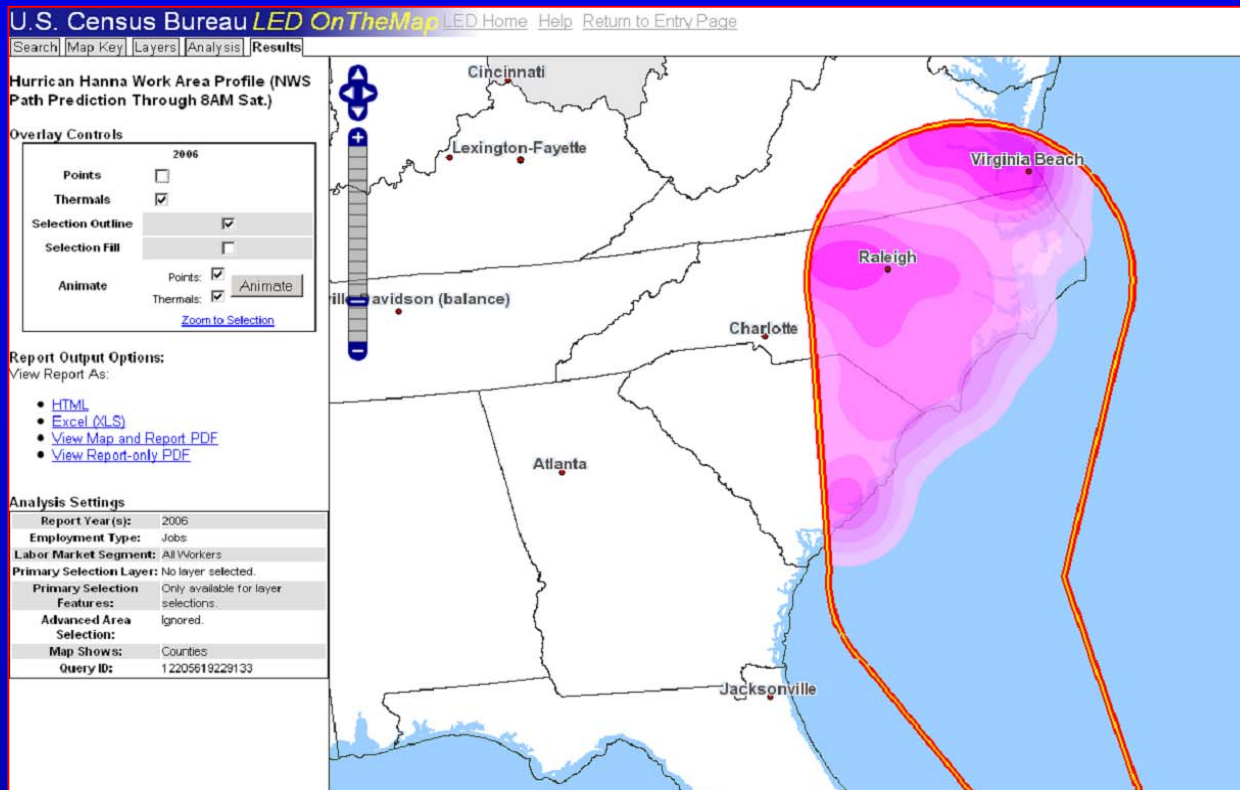
- Shows where workers employed in the selection area work
- Estimated path of Gustav based on NWS data
- Buffer of 50 miles.
- Approx. 840,000 jobs in this selection
- Each point shows jobs in a single Census Tract



Hurricane Hanna



Hurricane Hanna



Total Jobs		2006	
Total Jobs	Count	Share	
	3,851,764	100.0%	
Jobs by Worker Age		2006	
Age 30 or younger	986,540	25.6%	
Age 31 to 54	2,223,878	57.7%	
Age 55 or older	641,341	16.7%	
Jobs by Earnings Paid		2006	
\$1,200 per month or less	1,151,809	29.9%	
\$1,201 to \$3,400 per month	1,607,250	41.7%	
More than \$3,400 per month	1,092,703	28.4%	
Jobs by Industry Type (2-digit NAICS)		2006	
Agriculture, Forestry, Fishing and Hunting	27,209	0.7%	
Mining, Quarrying, and Oil and Gas Extraction	2,960	0.1%	
Utilities	20,313	0.5%	
Construction	250,366	6.5%	
Manufacturing	432,164	11.2%	
Wholesale Trade	156,254	4.1%	
Retail Trade	484,900	12.6%	
Transportation and Warehousing	112,670	2.9%	
Information	79,120	2.1%	
Finance and Insurance	124,910	3.2%	
Real Estate and Rental and Leasing	65,712	1.7%	
Professional, Scientific, and Technical Services	201,509	5.2%	
Management of Companies and Enterprises	66,222	1.7%	
Administration & Support, Waste Management and Remediation	237,477	6.2%	
Educational Services	397,620	10.3%	
Health Care and Social Assistance	461,333	12.0%	
Arts, Entertainment, and Recreation	58,201	1.5%	
Accommodation and Food Services	350,065	9.1%	
Other Services (excluding Public Administration)	118,621	3.1%	
Public Administration	204,132	5.3%	

Work Area Profile Map 2006

- Shows where workers employed in the selection area work
- Projected path of Hanna based on NWS data
- Plume selection from 20 miles to 150 miles
- Approx. 3.9 million jobs in this selection

Local Employment Dynamics (LED) Partnership

Partnership between 50 states and territories

- Newest partners = USVI, Puerto Rico
- In process of joining = CT
- Not in partnership = MA, NH*

Data Sharing

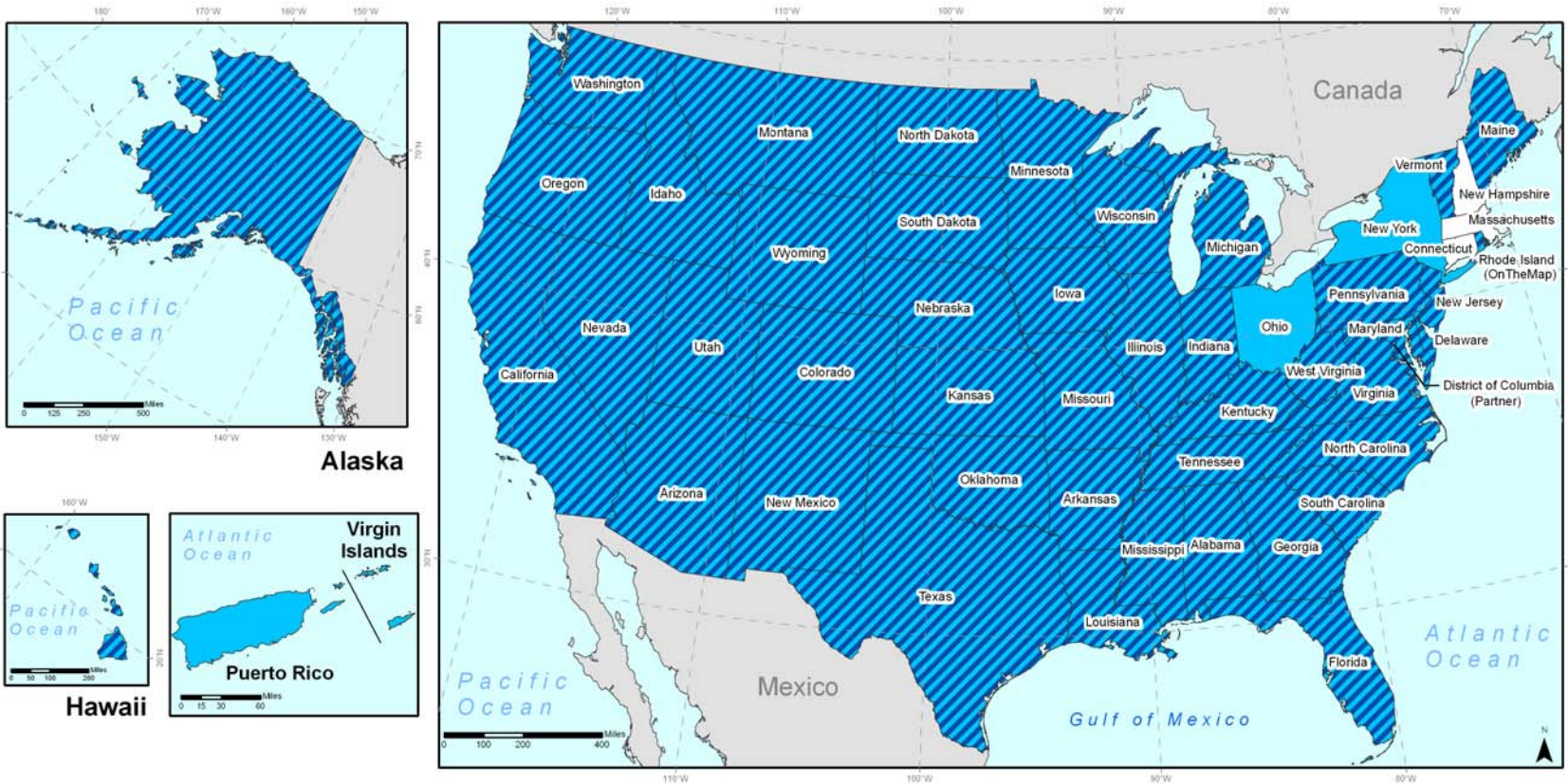
- Local knowledge
- Comparable data for all states, counties, regions, WIAs

Innovative and Cost-Effective

- Uses *existing* data
- Creates *new* data products

**requires legislative change*

States in LED Partnership



Local Employment Dynamics
Partner States

Partner States
 "OnTheMap" States
 Not Partner States

USCENSUSBUREAU

September 30, 2008

www.census.gov

Click on Local Employment Dynamics

Or click on Data Tools

The screenshot shows the U.S. Census Bureau website. The header includes the U.S. Census Bureau logo, navigation links for 'FAQs', 'Subjects A to Z', 'Help', and a search bar. The main content area is divided into several sections: 'New on the Site', 'Data Tools' (circled in red), 'American FactFinder' (circled in red), 'Catalog', 'Publications', 'Are You in a Survey?', 'About the Bureau', 'Regional Offices', 'Doing Business with Us', and 'Related Sites'. The 'Data Tools' section includes links for '2010 Census', 'News', 'American Community Survey', and 'Census 2000'. The 'American FactFinder' section includes links for 'People & Households', 'Business & Industry' (with 'Local Employment Dynamics' circled in red), 'Geography', and 'Newsroom'. The 'Data Finders' section includes 'Population Clocks' showing 'U.S. 305,308,794' and 'World 6,727,268,515', a 'Population Finder' with a search box, and 'Economic Indicators' with a search box. The footer includes the U.S. Census Bureau logo and the tagline 'Helping You Make Informed Decisions'.






Or use the url: <http://lehd.did.census.gov>

Local Employment Dynamics @ <http://lehd.did.census.gov>

U.S. Census Bureau
Longitudinal Employer-Household Dynamics

Home | Local Employment Dynamics | Data Tools | Research | Library | About Us
Site Map | Feedback | Ask Census

Print Search

QUICK LINKS	WHAT'S NEW?	Q&A
<ul style="list-style-type: none">Tools<ul style="list-style-type: none">OnTheMap Version 3 (Help)QWI Online (Help)Industry FocusOlder Worker ProfilesCED HotReportLearning<ul style="list-style-type: none">e-LearningWebinarsWorkshopsIn ActionReadingClassesPartnership<ul style="list-style-type: none">State PartnersPartners OnlySave the DateData Download<ul style="list-style-type: none">VirtualRDCState Only	<ul style="list-style-type: none">09/29/08: Release of New Mexico Older Worker Profile09/23/08: Release of Oregon Older Worker Profile09/15/08: Puerto Rico Joins LED09/11/08: Release of OnTheMap Version 3.109/08/08: Release of Montana Older Worker Profile <p>[more...]</p> <p>Click here to send an email to join the OnTheMap listserv.</p> <h3>OnTheMap Version 3 Webinar</h3> <p>Date: September 17, 2008 Estimated attendees: 273</p> <p>Download recorded version here. </p> <p>Download presentation slides here. </p> <p>Download transcript here. </p> <p>A registered account with http://www.workforce3one.org/ </p> <p>is required for the download, but there is no cost to register.</p> <p>OnTheMap is supported by the Employment and Training Administration (ETA) and the state partners under the Local Employment Dynamics (LED) partnership with the U.S. Census Bureau.</p>  <p><small>Map share courtesy of ETA, U.S. Department of Labor.</small></p>	<ul style="list-style-type: none">What is LEHD?What is LED?What is the difference between LEHD and LED?What are the QWI? <p>[more...]</p> <h3>DID YOU KNOW?</h3> <p>...that of the industries in New Mexico that employed more than 500 workers 65 years and older in 2002, the highest average monthly earnings were from engineering, accounting and research (\$4,157)?</p>

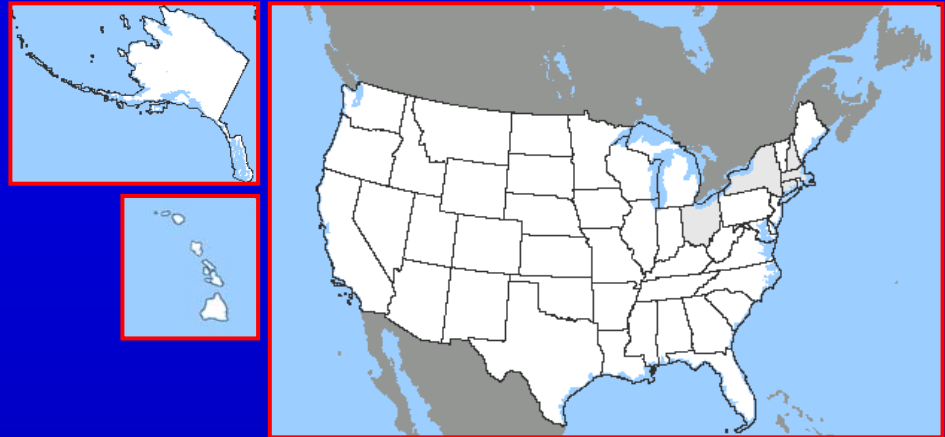
New and More Powerful *OnTheMap*

Version 1 (2006)

Version 2 (2007)

Version 3 (2008):

- 45 States
- 5 Years of Data (2002-2006)
- New User Interface
- Segmented Data (age, income, industry clusters)
- Improved Analyses/Maps/Reports



More Advances in OTM Version 3

- Search names (even ZIP codes)
- Easier zoom & pan
- 4 standard steps for all analyses
- New Area Profile map overlays
- Better area selection tools
- More geographic report choices (“roll ups”)
- Animation of point/thermal overlays

5 Steps for Creating OTM Maps and Reports

1. Define Analytical Question
2. Search for Name/Pan & Zoom in Map
3. Turn on/off Geographic Layers & Labels
4. Create Analysis
5. View, Save or Print the Map and Report

Selecting Your Basic Geography

U.S. Census Bureau *LED OnTheMap*

OnTheMap Version 3 provides detailed maps showing where workers are employed and where they live with companion reports on age, earnings, and other demographic data for five years (2002 through 2006). Click on one of the "Information/Help" links to the right of the map for more information on using the application.

Getting Started - Select a Geographic Area - Enter a geographic area (state, county, zip code, congressional district, metro area, city name, etc.) in the text box and click the **Select** button.

Place Name:

Map or Text-Only:

Getting Started - Click in the Map - Start by clicking at the center of the geographical area for your analysis. The application will open a regional map showing the selected area.



OnTheMap is produced by the U.S. Census Bureau in cooperation with states under the Local Employment Dynamics (LED) partnership. *OnTheMap Version 3* is made possible through the support of the Employment and Training Administration at the U.S. Department of Labor.

Type in the name or number of any of the areas shown in the dropdown box.

The Control Panel



Search = Find
Your Area

Map Key =
Legend,
Scale

Layers =
Add/Remove
Map Features

Search | Map Key | Layers | Analysis | Results

Enter a name, part of a name, or 5-digit ZIP Code into the box, and press the Search button. The results will be listed below. Limit the search options by selecting a specific layer in the dropdown menu.

Search:

▾

Scale

0 3 6 9 12 mi

The north arrow points to "true" or "polar" north. The centerpoint of the map is used for this calculation.

The scale bar is calculated as an average over the entire map and is not always accurate, especially at large scales.

Legends

- Tribal Lands
- Counties
- Lakes and Rivers
- Participating State
- Non-Participating State

Map Layer Control Panel

Layer Title	Label	Layer
States (Outline)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
U.S. 110th Congressional Districts	<input type="checkbox"/>	<input type="checkbox"/>
State Legislative Districts (Upper)	<input type="checkbox"/>	<input type="checkbox"/>
State Legislative Districts (Lower)	<input type="checkbox"/>	<input type="checkbox"/>
Public School Districts	<input type="checkbox"/>	<input type="checkbox"/>
Metropolitan/Micropolitan Areas (CBSA)	<input type="checkbox"/>	<input type="checkbox"/>
Counties	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
County Subdivisions	<input type="checkbox"/>	<input type="checkbox"/>
Cities/Towns (Outline)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cities/Towns (Fill)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Census Tracts	<input type="checkbox"/>	<input type="checkbox"/>
Census Block Groups	<input type="checkbox"/>	<input type="checkbox"/>
Traffic Analysis Zones (TAZ)	<input type="checkbox"/>	<input type="checkbox"/>
ZIP Codes (ZCTA)	<input type="checkbox"/>	<input type="checkbox"/>

Interstates	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Major Highways	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Local Roads</i>	<input type="checkbox"/>	<input type="checkbox"/>
WMED Regions (Generation 1)	<input type="checkbox"/>	<input type="checkbox"/>
WMED Regions (Generation 2)	<input type="checkbox"/>	<input type="checkbox"/>
WMED Regions (Generation 3)	<input type="checkbox"/>	<input type="checkbox"/>
Workforce Investment Areas (WMA)	<input type="checkbox"/>	<input type="checkbox"/>
Community Colleges	<input type="checkbox"/>	<input type="checkbox"/>
One-Stop Career Centers	<input type="checkbox"/>	<input type="checkbox"/>
Airports	<input type="checkbox"/>	<input type="checkbox"/>
Green Spaces (coming soon)	<input type="checkbox"/>	<input type="checkbox"/>
Tribal Lands	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Military Bases	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Type "Las C" in Search

Search | Map Key | Layers | Analysis | Results

Enter a name, part of a name, or 5-digit ZIP Code into the box, and press the Search button. The results will be listed below. Limit the search options by selecting a specific layer in the dropdown menu.

Search:

▼

Search	Map Key	Layers	Analysis	Results
Name Search Results				
States	0 matches.			
Counties	0 matches.			
Cities/Towns	<ul style="list-style-type: none">Dallas City, ILDallas Center, IALas Cruces, NMLas Colonias, TX			
Military Bases	0 matches.			
One-Stop Career Centers	<ul style="list-style-type: none">Career Resource Center - Douglas CountyCentral Kentucky Job Center - Nicholas County Community Action CouncilCentral Kentucky Job Center - Nicholas County Family Resource CenterDouglas Career Center, Georgia Department of LaborDouglas County Affiliate IETCLas Cruces One-Stop Career CenterWenatchee WorkSource Affiliate-WorkSource Affiliate Serving Chelan & Douglas CountiesWorkForce for Dallas CountyWorkforce Center of Dallas County			
ZIP Codes (ZCTA)	0 matches.			
Metropolitan/Micropolitan Areas (CBSA)	<ul style="list-style-type: none">Las Cruces, NM			
Tribal Lands	0 matches.			
Workforce Investment Areas (WIA)	0 matches.			
County Subdivisions	<ul style="list-style-type: none">Dallas City, ILLas Cruces, NM			
WIRED Regions (Gen. 1)	0 matches.			

Removing the Clutter (Layers)

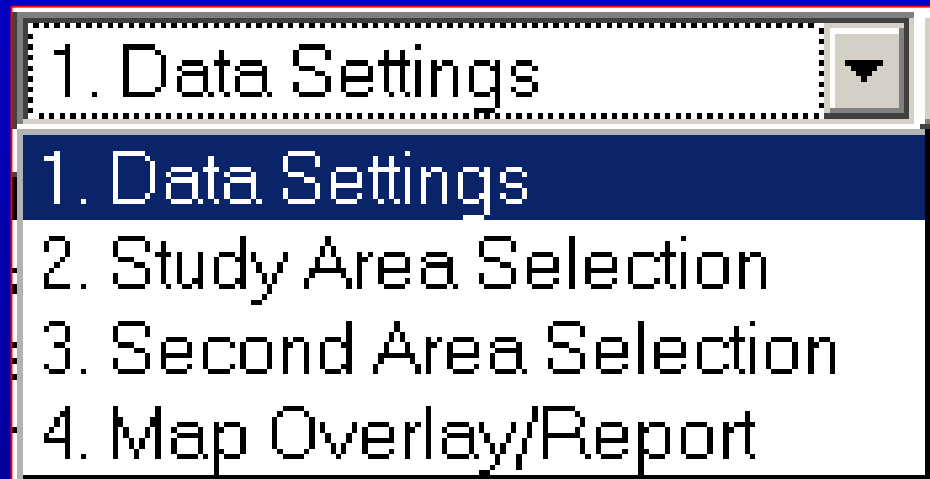
The screenshot displays a web-based GIS application interface. At the top, there are navigation and utility buttons: Search, Map Key, Layers, Analysis, Results, Hide/Show Tabs, Print Map, Link to Me, Previous, and Clear Overlays. The main map area shows a geographical view of New Mexico with various labels for cities, counties, and facilities. A large red circle highlights the 'Layers' panel on the left side of the interface.

Layer Title	Label Layer
States (Outline)	<input type="checkbox"/> <input checked="" type="checkbox"/>
U.S. 110th Congressional Districts	<input type="checkbox"/> <input type="checkbox"/>
State Legislative Districts (Upper)	<input type="checkbox"/> <input type="checkbox"/>
State Legislative Districts (Lower)	<input type="checkbox"/> <input type="checkbox"/>
Public School Districts	<input type="checkbox"/> <input type="checkbox"/>
Metropolitan/Micropolitan Areas (CBSA)	<input type="checkbox"/> <input type="checkbox"/>
Counties	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
County Subdivisions	<input type="checkbox"/> <input type="checkbox"/>
Cities/Towns (Outline)	<input checked="" type="checkbox"/> <input type="checkbox"/>
Cities/Towns (Fill)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Census Tracts	<input type="checkbox"/> <input type="checkbox"/>
Census Block Groups	<input type="checkbox"/> <input type="checkbox"/>
Traffic Analysis Zones (TAZ)	<input type="checkbox"/> <input type="checkbox"/>
ZIP Codes (ZCTA)	<input type="checkbox"/> <input type="checkbox"/>
Interstates	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Major Highways	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Local Roads	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
WIRED Regions (Generation 1)	<input type="checkbox"/> <input type="checkbox"/>
WIRED Regions (Generation 2)	<input type="checkbox"/> <input type="checkbox"/>
WIRED Regions (Generation 3)	<input type="checkbox"/> <input type="checkbox"/>
Workforce Investment Areas (WIA)	<input type="checkbox"/> <input type="checkbox"/>
Community Colleges	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
One-Stop Career Centers	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Airports	<input type="checkbox"/> <input type="checkbox"/>
Green Spaces (coming soon)	<input type="checkbox"/> <input type="checkbox"/>
Tribal Lands	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Military Bases	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

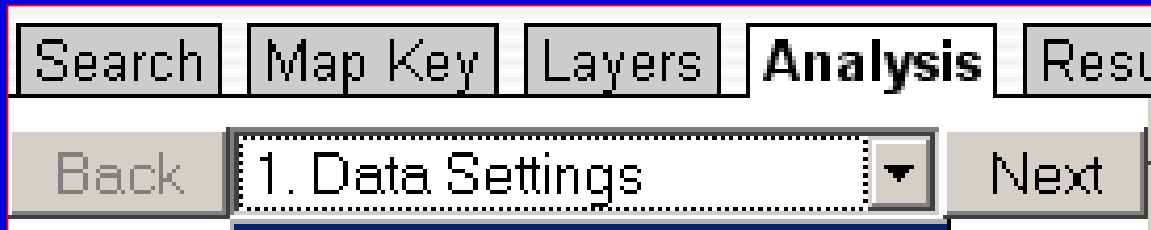
The Control Panel: Setting Your Choices



Analysis = Select
Data, Select
Area(s), Set
Map/Report Type



Step 1. Data Settings



Live or Work

Year(s)

Job Type

Labor Market Segments

A screenshot of the '1. Data Settings' form. The form is titled 'Data Settings' and includes a description: 'Overlays and associated reports show labor force characteristics, geographic concentrations, and home-to-work travel patterns based on user-defined data settings and selected study areas. Begin by choosing from the following analysis options. Then click on the Next button.' The form contains several sections with radio buttons and checkboxes:

- Live or Work:** 'Workplace Area' is selected.
- Year(s):** '2006' is selected. The instruction says 'Select up to three years.'
- Job Type:** 'Primary Jobs' is selected.
- Labor Market Segments:** 'All Workers' is selected. Other options include age groups, earnings levels, and industry classes.

Home/Residential Area or Workplace Area

Home Area --
Where workers live

Workplace Area --
Where workers work

Live or Work limits
report options


U.S. Census Bureau *LED*

Search | Map Key | Layers | **Analysis** | Results

Back | 1. Data Settings | Next

Overlays and associated reports show labor force characteristics, geographic concentrations, and home-to-work travel patterns based on user-defined data settings and selected study areas.

Begin by choosing from the following analysis options. Then click on the Next button.

Live or Work 

Workplace Area

Home/Residential Area

Year(s)

Select up to three years.

2006

2005

2004

2003

2002

Where, When, Which, Who

U.S. Census Bureau **LED OnTheMap** LED Home Help Return to Entry Page

Search Map Key Layers Analysis Results Hide/Show Tabs Print Map Link to Me Previous Clear Overlays

Back 1. Data Settings Next

Overlays and associated reports show labor force characteristics, geographic concentrations, and home-to-work travel patterns based on user-defined data settings and selected study areas. Begin by choosing from the following analysis options. Then click on the Next button.

Live or Work Workplace Area Home/Residential Area

Year(s)
Select up to three years.
 2006
 2005
 2004
 2003
 2002

Job Type All Jobs Primary Jobs All Private Jobs Private Primary Jobs

Labor Market Segments All Workers
 Age - 30 or Younger
 Age - 31 to 54
 Age - 55 or Older
 Earnings - \$1,200/mo or Less
 Earnings - \$1,201/mo to \$3,400/mo
 Earnings - Greater Than \$3,400/mo
 Industry Class - Goods Producing
 Industry Class - Trade, Transportation, and Utilities
 Industry Class - All Other Services

Study Area

Year

Job Type

Worker Characteristics

111456.86466, -111533.13268

Source: U.S. Census Bureau, Center for Economic Studies, Longitudinal Employer-Household Dynamics Program | e-mail: ces.local.employment.dynamics@census.gov

Step 2. Study Area Selection



Select Study Area by:

- Layer (City, County, WIA, ZIP Code)
- Freehand
- Ring/Buffer, etc.

New Features!

- Donuts, Plumes
- Multiple Selection
- Editing of Selection

Back 2. Study Area Selection Next

Work Area Selection
Select a Work area by choosing one of the selection tools below and following the instructions. The selected Work area will appear in the map viewer outlined in blue. When the selection is completed, click the [Next](#) button.

Area Shape:

Clear Selection

Navigation

This tool allows the user to switch between working with polygons and navigating on the map

Navigate

Layer

Freehand

Ring/Buffer

Donut

Plume

Reuse Earlier Selection

Selecting by Layer

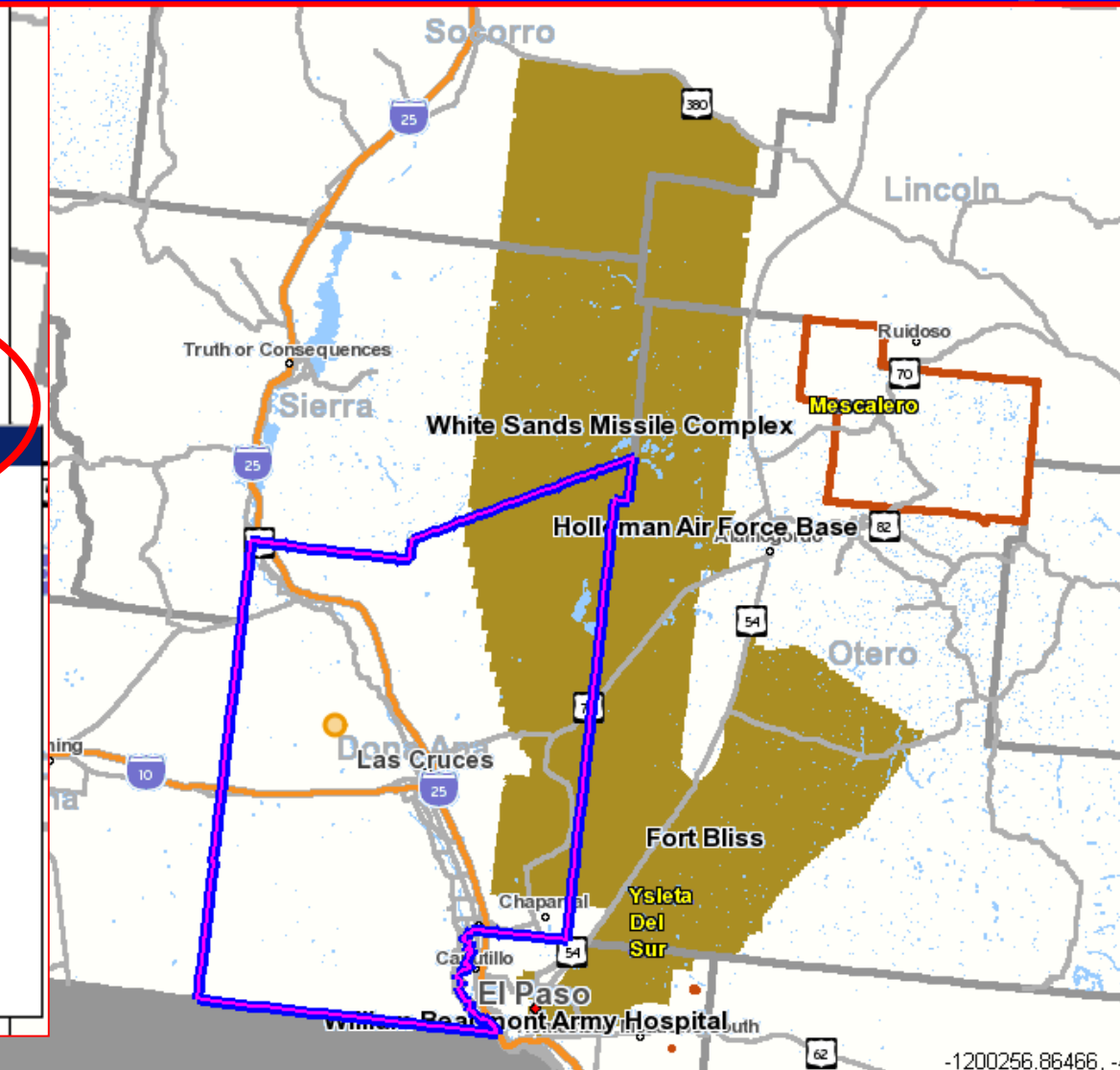
Navigation

Layer

Select a layer from the drop-down list. Choose the Point(s) or Line method for selecting features in the map viewer. Features in only the chosen layer will be included in the selection. Use the Point(s) method to select one or more features by clicking once inside each boundary. Use the Line method to select one or more contiguous features by drawing the line through those features.

Layer: Metropolitan/Micropolitan Areas (CBSA) ▼

- Cities/Towns
- Counties
- County Subdivisions
- Metropolitan/Micropolitan Areas (CBSA)
- Military Bases
- States
- Tribal Lands
- Workforce Investment Areas (WIA)
- WIRED Regions (Gen. 1)
- WIRED Regions (Gen. 2)
- WIRED Regions (Gen. 3)
- ZIP Codes (ZCTA)
- 110th Congressional Districts
- Block Groups
- Tracts



Freehand Selection and Edit Option

Clear Selection

Are you sure you want to clear this selection area?

No

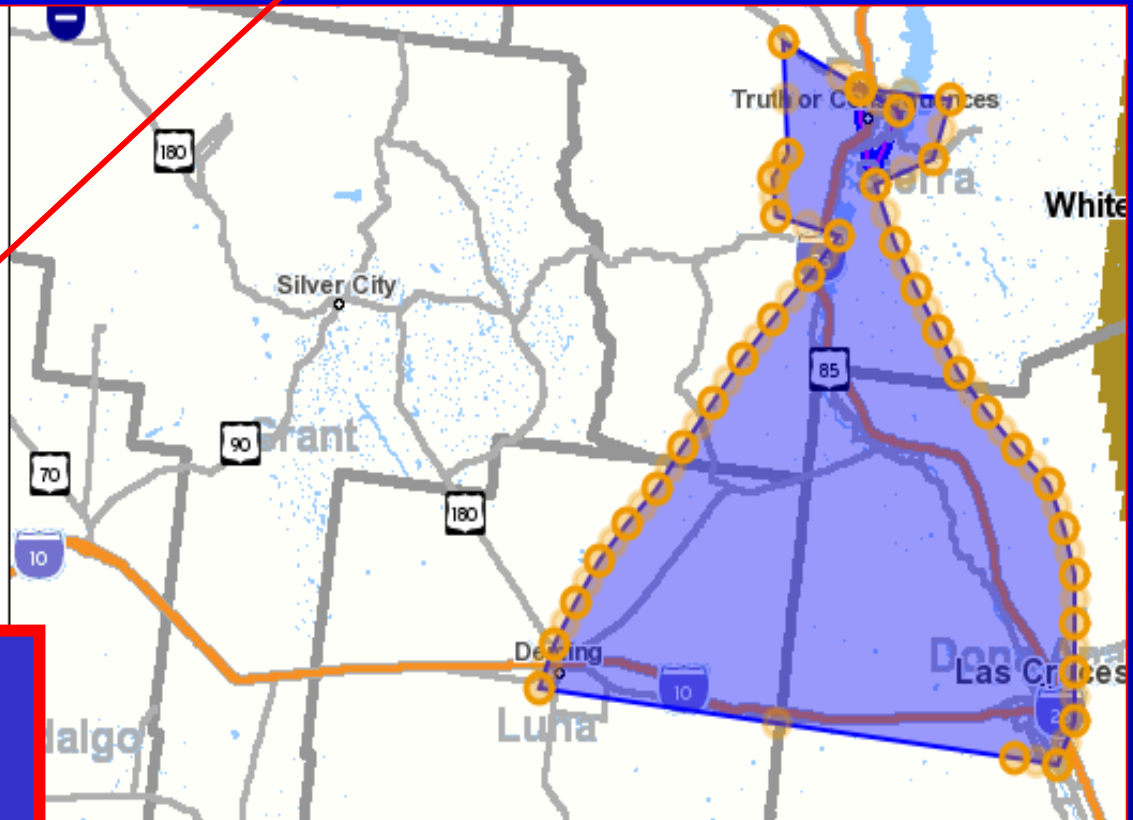
Yes

Freehand

Draw a freehand polygon by dragging your mouse on the map.

- Polygon
- Edit Shape (Click on the polygon to begin and end editing.)

Navigation
Layer
Freehand
Draw a freehand polygon by dragging your mouse on the map.
<input type="radio"/> Polygon
<input checked="" type="radio"/> Edit Shape (Click on the polygon to begin and end editing.)
Ring/Buffer
Donut
Plume
Reuse Earlier Selection



New Feature!
Modify freehand,
buffer, plume, etc.

Buffer Selection: Set Width of Corridor & Draw Line

The map shows a region in southern New Mexico, including parts of Catron, Socorro, Lincoln, Otero, and Dona Ana counties. Key locations include the White Sands Missile Complex, Holloman Air Force Base, Fort Bliss, and William Beaumont Army Hospital. A blue line representing a road or path is shown with a multi-colored buffer around it. A red rectangle highlights a specific area on the map. A scale bar in the bottom left indicates 20 km and 10 miles. A north arrow is in the top left.

Ring/Buffer

This tool defines a circle (point) or a corridor (line) with a fixed radius. Choose the ring type and radius then click or drag a line on the map to set the location.

- Line
- Point
- Modify Line

Radius: Miles

Step 3: Advanced Area Selection (optional)

- Not covered today
- However, the selection tools are the SAME as in Step 2
- Allows for:
 - Paired Areas, or
 - Complex Modifications to First Area Selection
- Note: Paired area selection can change available data items in reports

4. Choosing Map and Report Type

Search | Map Key | Layers | Analysis | Results

Back | 4. Map Overlay/Report | Go!

Map/Report =
Profile of workers
in selected area or
travel patterns of
workers

Back | 4. Map Overlay/Report | Go!

Map Overlay/Report
Select the map overlay/report option and then click the Go! button.

Report Title:

Work Area Profile Analysis
The Work Area Profile map and report show concentrations of workers earning greater than \$3,400/mo and their demographic characteristics (age, earnings, and industry) based on the user's selected area and settings. Quarterly Workforce Indicators (QWI) also appear in the report for the work area selection.

Labor Shed Analysis
The Labor Shed map shows where people earning greater than \$3,400/mo live who are employed in the selection area. In the report, Labor Shed patterns are summarized for user-defined rollup areas.

Rollups
Select up to three rollups.

- Cities/Towns
- Counties
- States
- U.S. 110th Congressional Districts
- Metropolitan/Micropolitan Areas (CBSA)
- County Subdivisions
- ZIP Code (ZCTA)
- Workforce Investment Areas (WIA)
- WIRED Region Gen. 1
- WIRED Region Gen. 2
- WIRED Region Gen. 3

Map Precision
Map Precision options are under development.

- Block
- Tract
- County
- No Map

Key Definitions for Analysis

Area Profile

- Shows Work or Home locations *within* the selection area only.

Shed

- Show where workers are going:
 - Labor Shed shows workers going Home
 - Commute Shed shows workers going to Work

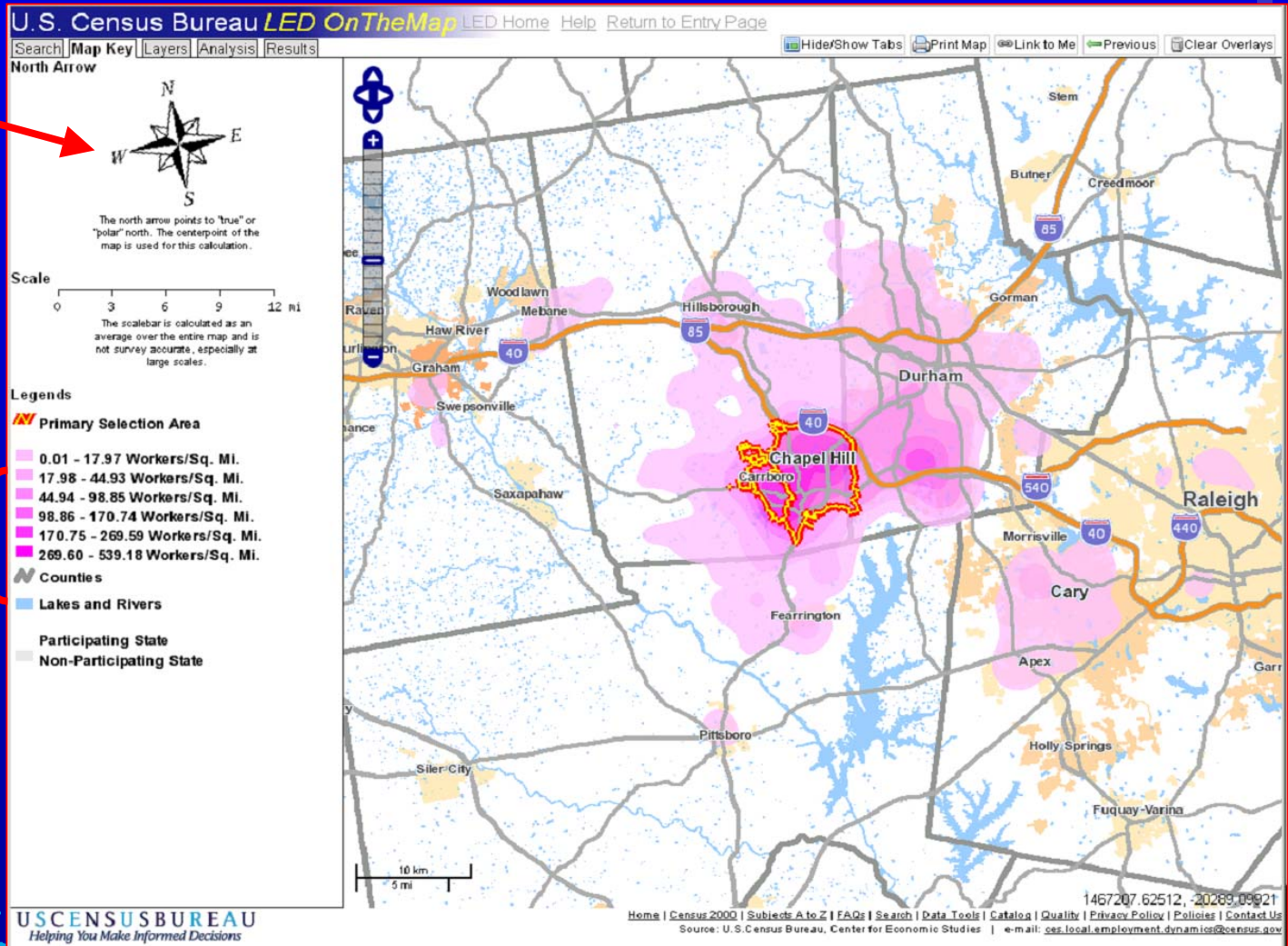
Display

- Points represent each Census Block with jobs
- Thermals represent density- average # per square mile

Analysis Type: Labor Shed (Thermals)

Where Workers Live who are Employed in Chapel Hill & Carrboro, NC

North Arrow



Scale Bar

Thermal Key

Labor Shed Report

- Reports home location at 3 selected geographic levels (aka, rollups)

Rollups
Select up to three rollups.

- Cities/Towns
- Counties
- States
- U.S. 110th Congressional Districts
- Metropolitan/Micropolitan Areas (CBSA)
- County Subdivisions
- ZIP Code (ZCTA)
- Workforce Investment Areas (WIA)
- WIRED Region Gen. 1
- WIRED Region Gen. 2
- WIRED Region Gen. 3

Labor Shed Report -- Where Workers Live who are Employed in the

Primary Jobs Total	2006		2004	
	Count	Share	Count	Share
Primary Jobs Total	13,711	100.0%	11,642	100.0%

Job counts in Cities/Towns Where Workers Live	2006		2004	
	Count	Share	Count	Share
Las Cruces, New Mexico	6,366	46.4%	5,209	44.7%
El Paso, Texas	1,197	8.7%	1,088	9.3%
Albuquerque, New Mexico	327	2.4%	230	2.0%
Alamogordo, New Mexico	228	1.7%	264	2.3%
Mesilla, New Mexico	206	1.5%	153	1.3%
Radium Springs, New Mexico	170	1.2%	140	1.2%
Dona Ana, New Mexico	162	1.2%	126	1.1%
Santa Teresa, New Mexico	61	0.4%	61	0.5%
White Sands, New Mexico	58	0.4%	44	0.4%
Hurley, New Mexico	57	0.4%	77	0.7%
All Other Locations	4,879	35.6%	4,250	36.5%

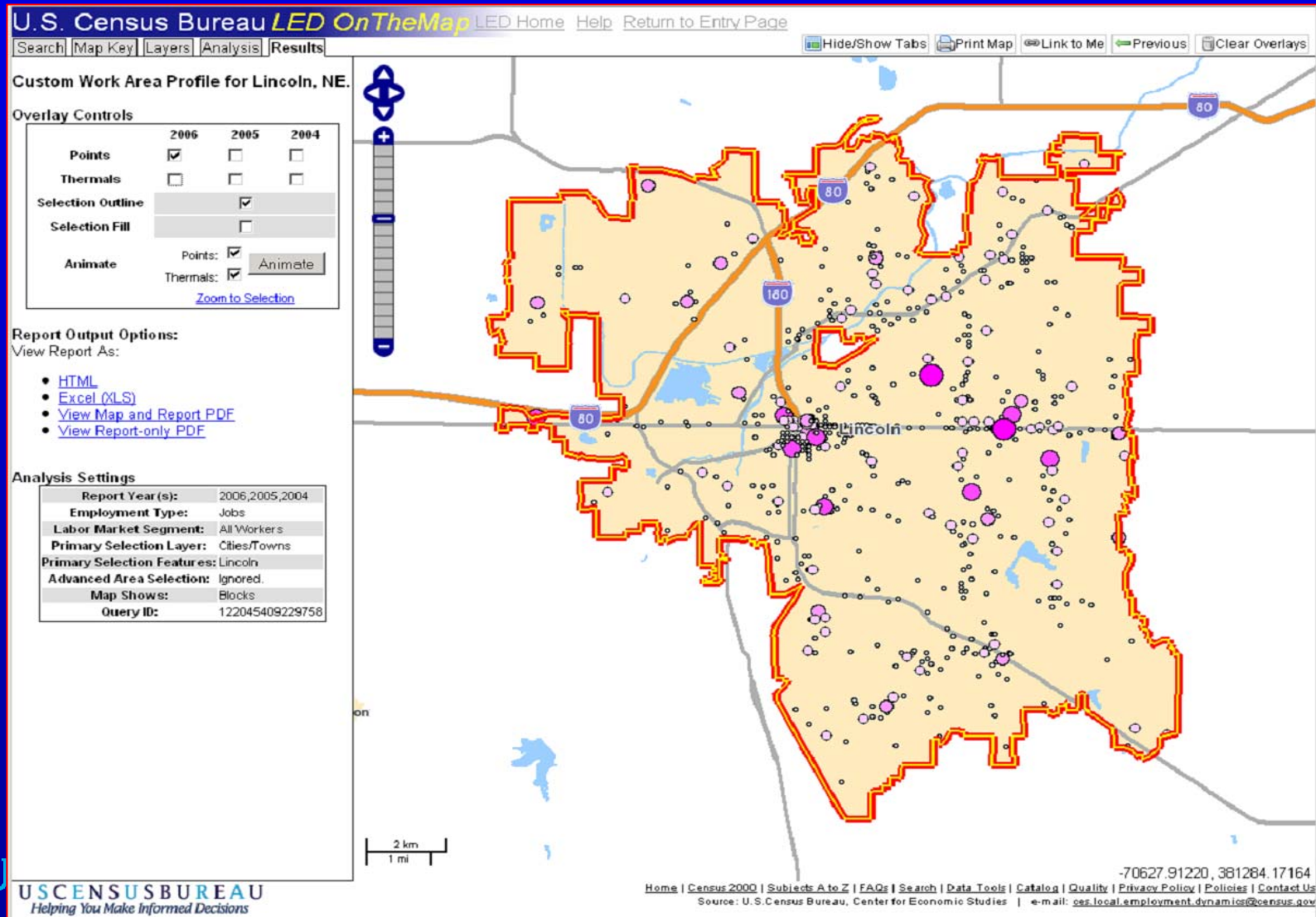
Job counts in States Where Workers Live	2006	
	Count	Share
New Mexico	12,280	89.6%
Texas	1,336	9.7%
Puerto Rico	69	0.5%
Michigan	5	0.0%
Tennessee	4	0.0%
All Other Locations	17	0.1%

Job counts in Counties Where Workers Live	2006		2004	
	Count	Share	Count	Share
Dona Ana Co., New Mexico	10,743	78.4%	8,931	76.7%
El Paso Co., Texas	1,331	9.7%	1,266	10.9%
Otero Co., New Mexico	449	3.3%	489	4.2%
Bernalillo Co., New Mexico	407	3.0%	282	2.4%

3	0.0%	0	0.0%
45	0.4%	35	0.3%

Analysis Type: Work Area Profile

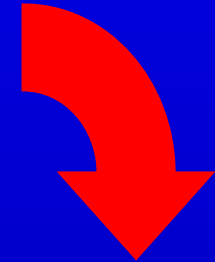
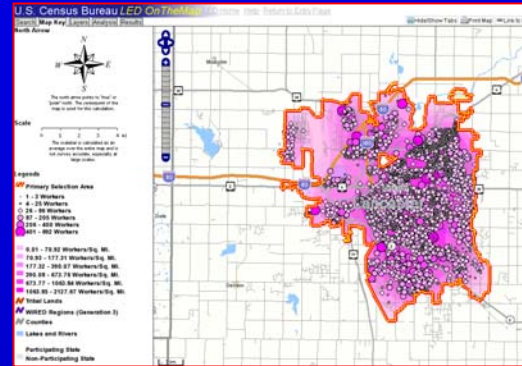
Where Workers are Employed within Lincoln, NE



Area Profile Report

Area Profile Report

- 3 Age categories
- 3 Earnings categories
- 3 Industry categories
- QWI (for Work Areas)



Work Area Profile Report						
Total Jobs	2006		2005		2004	
	Count	Share	Count	Share	Count	Share
Total Jobs	147,728	100.0%	147,401	100.0%	144,743	100.0%
Jobs by Worker Age						
Age 30 or younger	2006		2005		2004	
	Count	Share	Count	Share	Count	Share
Age 30 or younger	46,506	31.5%	46,370	31.3%	46,542	32.2%
Age 31 to 54	77,214	52.3%	77,972	52.9%	77,201	53.3%
Age 55 or older	24,008	16.3%	22,559	15.3%	21,000	14.5%
Jobs by Earnings Paid						
\$1,200 per month or less	2006		2005		2004	
	Count	Share	Count	Share	Count	Share
\$1,200 per month or less	44,416	30.1%	44,867	30.4%	45,205	31.2%
\$1,201 to \$3,400 per month	60,979	41.3%	63,822	43.3%	62,387	43.1%
More than \$3,400 per month	42,333	28.7%	38,712	26.3%	37,151	25.7%
Jobs by Industry Type (2-digit NAICS)						
Agriculture, Forestry, Fishing and Hunting	2006		2005		2004	
	Count	Share	Count	Share	Count	Share
Agriculture, Forestry, Fishing and Hunting	102	0.1%	105	0.1%	71	0.0%
Mining, Quarrying, and Oil and Gas Extraction	5	0.0%	3	0.0%	4	0.0%
Utilities	610	0.4%	576	0.4%	584	0.4%
Construction	6,544	4.4%	6,733	4.6%	6,859	4.7%
Manufacturing	12,420	8.4%	12,373	8.4%	12,258	8.5%
Wholesale Trade	3,900	2.6%	3,884	2.6%	3,782	2.6%
Retail Trade	15,792	10.7%	15,963	10.8%	15,910	11.0%
Transportation and Warehousing	5,861	4.0%	5,906	4.0%	5,608	3.9%
Information	2,859	1.9%	3,185	2.2%	3,468	2.4%
Finance and Insurance	10,521	7.1%	10,758	7.3%	9,262	6.4%
Real Estate and Rental and Leasing	1,684	1.1%	1,769	1.2%	1,501	1.3%
Professional, Scientific, and Technical Services	8,629	5.8%	8,272	5.6%	8,119	5.6%
Management of Companies and Enterprises	2,713	1.8%	2,560	1.7%	2,392	1.7%
Administration & Support, Waste Management and Remediation	6,976	4.7%	6,670	4.5%	6,346	4.4%
Educational Services	15,123	10.2%	14,914	10.1%	15,100	10.4%
Health Care and Social Assistance	19,576	13.3%	20,083	13.6%	19,732	13.6%
Arts, Entertainment, and Recreation	2,257	1.5%	2,227	1.5%	2,048	1.4%
Accommodation and Food Services	12,641	8.6%	12,304	8.4%	12,453	8.6%
Other Services (excluding Public Administration)	5,652	3.8%	5,633	3.8%	5,572	3.8%
Public Administration	13,863	9.4%	13,373	9.1%	13,274	9.2%

QWI Indicators - Private Sector Jobs	2006		2005		2004	
	Count	Share	Count	Share	Count	Share
Number of Employees	8,343	100.0%	7,810	100.0%	7,556	100.0%
Employment (Beginning of 2nd quarter)	97,618	100.0%	95,992	100.0%	94,772	100.0%
Employment, Stable Jobs	85,800	100.0%	84,138	100.0%	83,682	100.0%
Separation, Stable Jobs	11,217	100.0%	11,574	100.0%	11,407	100.0%
New Hires, Stable Jobs	6,602	100.0%	9,077	100.0%	8,386	100.0%
First Job Gains	5,203	100.0%	5,573	100.0%	6,210	100.0%
First Job Loss	3,384	100.0%	3,384	100.0%	3,847	100.0%
Employment (reference quarter)	10,514	100.0%	10,579	100.0%	10,793	100.0%
Average Monthly Earnings, Stable Jobs	2,381	100.0%	2,146	100.0%	2,140	100.0%
Average Monthly Earnings Separation from Stable Jobs	88	100.0%	80	100.0%	94	100.0%
Average Monthly Earnings, New Hires, Stable Jobs	1,603	100.0%	1,560	100.0%	1,600	100.0%

Job count and average earnings measures that are subject to non-response in the blacked-out cell contribute to estimates for the selected area as displayed. To the extent that the selected area has the QWI figures affected by non-response, job count in the QWI Report will be lower than the corresponding job count in the Data Report.

Report Settings	
Report Year(s):	2006, 2005, 2004
Job Type:	Jobs
Labor Market Segment:	All Workers
Primary Selection Layer:	Cities/Towns
Primary Selection Feature:	Locales
Advanced Area Selection:	Ignored
Map Shows:	Blocks
Query ID:	1220460338919

Data Sources
U.S. Census Bureau, LED Origin-Destination Data Base (2nd Quarter 2005, 2004 and 2004)

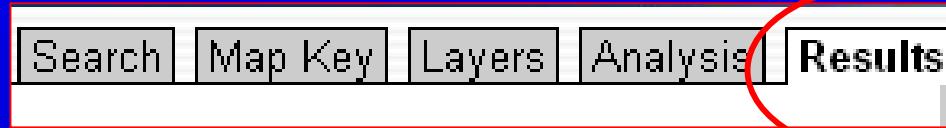
The Go Button

The screenshot displays a web application interface with a navigation menu at the top containing 'Search', 'Map Key', 'Layers', 'Analysis', and 'Results'. Below the menu is a breadcrumb trail: 'Back' > '4. Map Overlay/Report'. A dropdown arrow is visible next to the current page, and a red circle highlights the 'Go!' button. The main area shows a map of the White Sands Missile Complex and surrounding regions, including Lincoln, Otero, and El Paso counties. Key locations like Mescalero, Holloman Air Force Base, and Fort Bliss are labeled. A scale bar at the bottom left indicates 20 km and 10 mi. A coordinate string '-1039456, 86466, -4867' is visible at the bottom right.

Generating Report...

Cancel Report

The Results Tab



Animate with Points
and/or Thermals

Labor Shed Map and Report -- Where
Workers Live who are Employed in the
Selection Area

Overlay Controls

	2006	2005
Points	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Selection Outline	<input checked="" type="checkbox"/>	
Selection Fill	<input type="checkbox"/>	
Animate	Points: <input checked="" type="checkbox"/>	<input type="button" value="Stop"/>
	Thermals: <input checked="" type="checkbox"/>	

[Zoom to Selection](#)

Report Output Options:

View Report As:

- [HTML](#)
- [Excel \(XLS\)](#)
- [View Map and Report PDF](#)
- [View Report-only PDF](#)

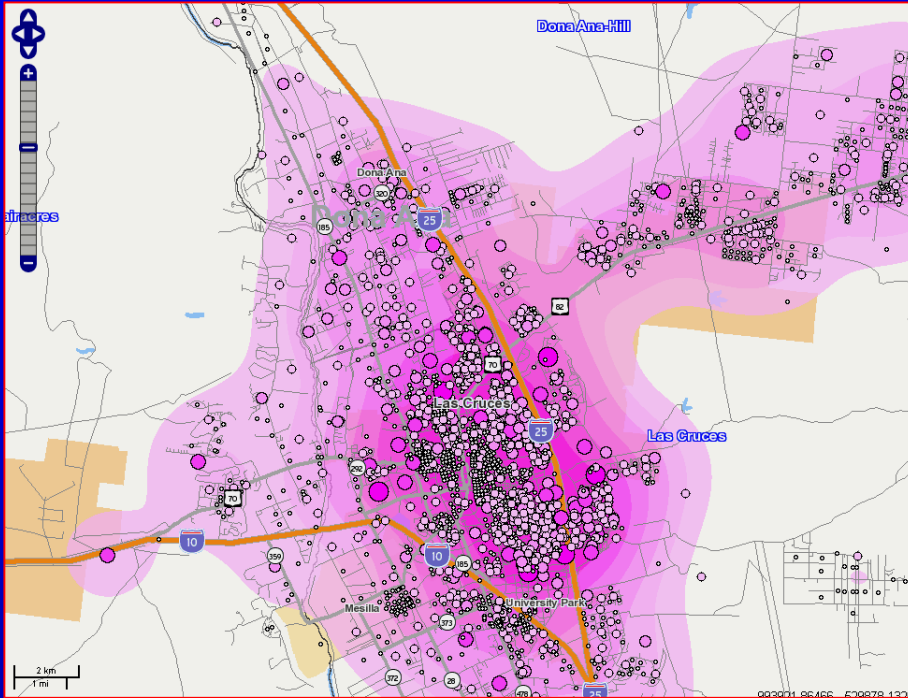
Analysis Settings

Report Year(s):	2006,2005
Employment Type:	Primary Jobs
Labor Market Segment:	All Workers
Primary Selection Layer:	Metropolitan/Micropolitan Areas (CBSA)
Primary Selection Features:	Las Cruces, NM
Advanced Area Selection:	Ignored.
Map Shows:	Blocks
Query ID:	122271438230874

Legend of Selected Settings

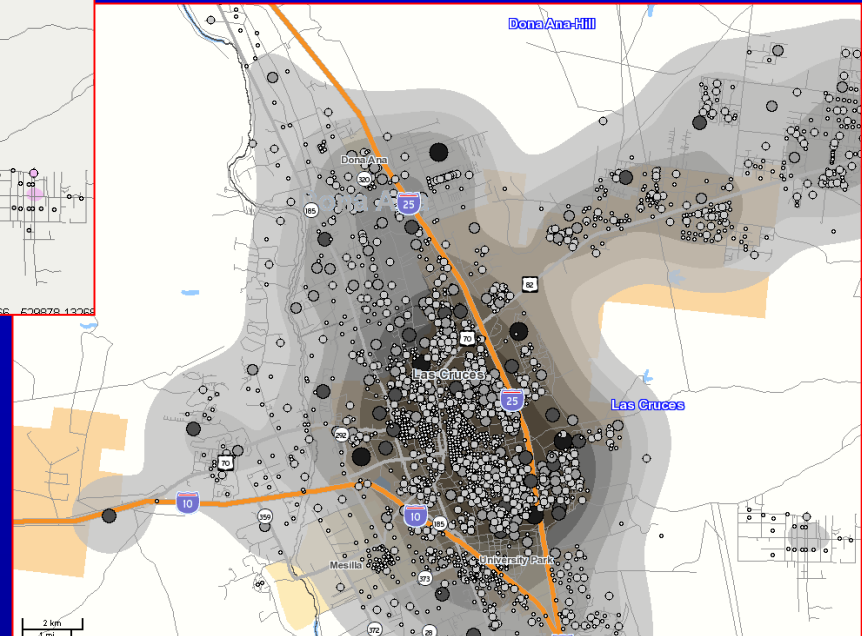
Output to HTML, XLS, PDF

Time Series Animation: Points and Thermals



2006

2005



Other Controls

The screenshot shows the U.S. Census Bureau LED OnTheMap interface. At the top right, there are links for [LED Home](#), [Help](#), and [Return to Entry Page](#). Below these are buttons for [Hide/Show Tabs](#), [Print Map](#), [Link to Me](#), [Previous](#), and [Clear Overlays](#). A red oval highlights the top right navigation area. A central white box highlights the navigation and control buttons. Red arrows point from yellow callout boxes to these buttons. The callouts are: 'Go to <http://lehd.did.census.gov>' (pointing to 'Link to Me'), 'Go to Help pages' (pointing to 'Help'), 'Start Over' (pointing to 'Return to Entry Page'), 'Make the Control Panel Appear or Disappear' (pointing to 'Hide/Show Tabs'), 'Create a PDF of the Map Viewer' (pointing to 'Print Map'), 'Get full URL for analysis' (pointing to 'Link to Me'), 'Go back to the previous map view' (pointing to 'Previous'), and 'Clear the overlays from map viewer' (pointing to 'Clear Overlays'). The interface also includes a search bar, a map key, a layers panel on the left, and a footer with the USCENSUSBUREAU logo and contact information.

U.S. Census Bureau *LED OnTheMap*

LED Home Help Return to Entry Page

Hide/Show Tabs Print Map Link to Me Previous Clear Overlays

Go to <http://lehd.did.census.gov>

Go to Help pages

Start Over

LED Home Help Return to Entry Page

Hide/Show Tabs Print Map Link to Me Previous Clear Overlays

Make the Control Panel Appear or Disappear

Create a PDF of the Map Viewer

Get full URL for analysis

Go back to the previous map view

Clear the overlays from map viewer

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Helping You Make Informed Decisions

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Source: U.S. Census Bureau, Center for Economic Studies, Longitudinal Employer-Household Dynamics Program | e-mail: ces.local.employment.dynamics@census.gov

Keep in Mind...

- LED not quite national in scope.
- LED does not yet include military, self-employed or federal workers.
- Data in *OnTheMap* refreshed annually.

Save the Date

Local Employment Dynamics Annual Partners Meeting

Washington, DC*

March 5-6, 2009

****in downtown Washington, DC***

Contact Us

Local Employment Dynamics
<http://lehd.did.census.gov>

Please send your comments to:
CES.Local.Employment.Dynamics@census.gov

Join the OnTheMap ListServ
lehd-onthemap@lists.census.gov