

*Local Employment
Dynamics'*
Analytic Tools

On The Map

Uses for OnTheMap

Economic Planning & Time Series

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

Transportation planning & analysis

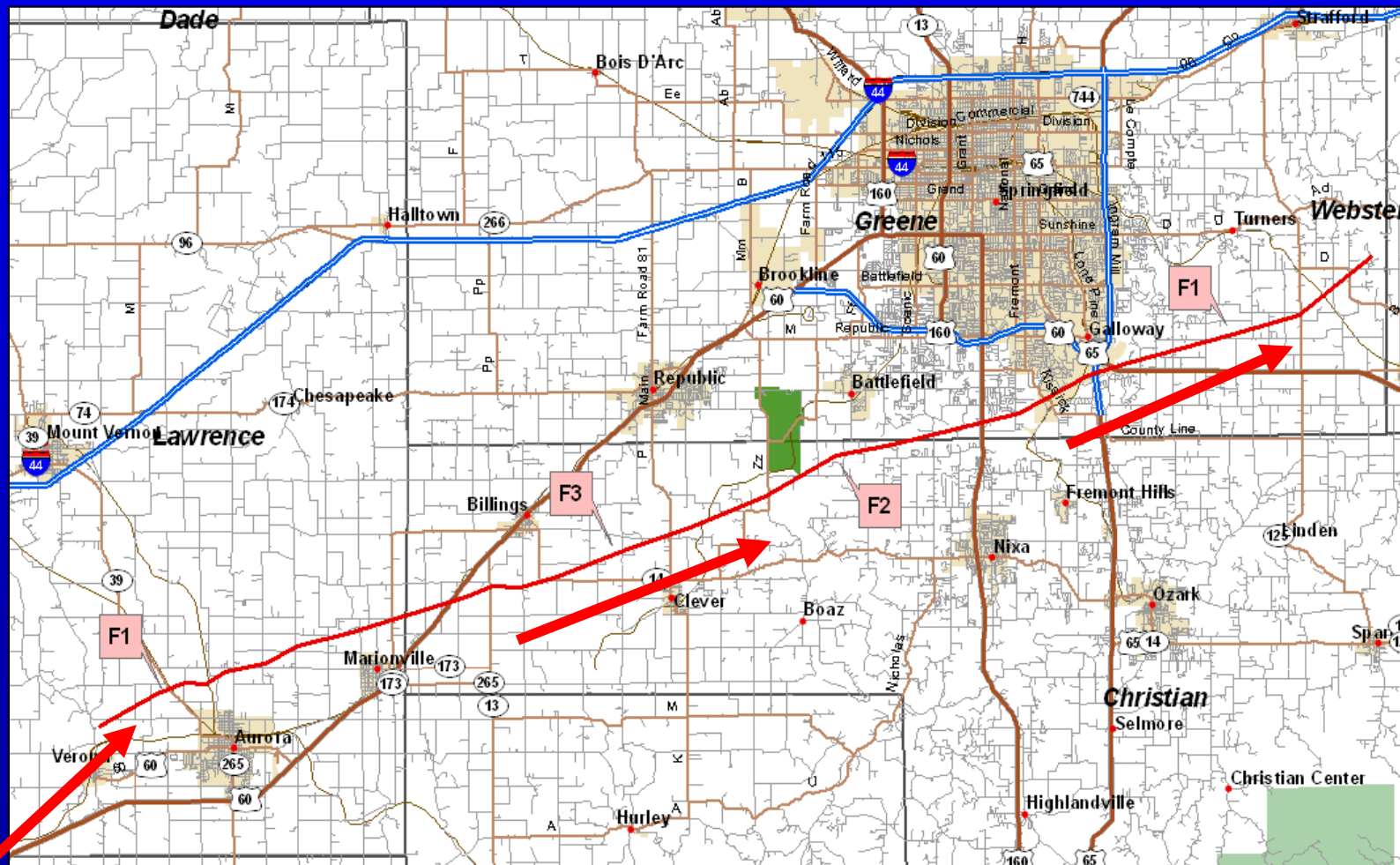
- Between which areas do workers commute?

Emergency management

- Daytime population estimates

OnTheMap

Mapping Missouri Tornado Path



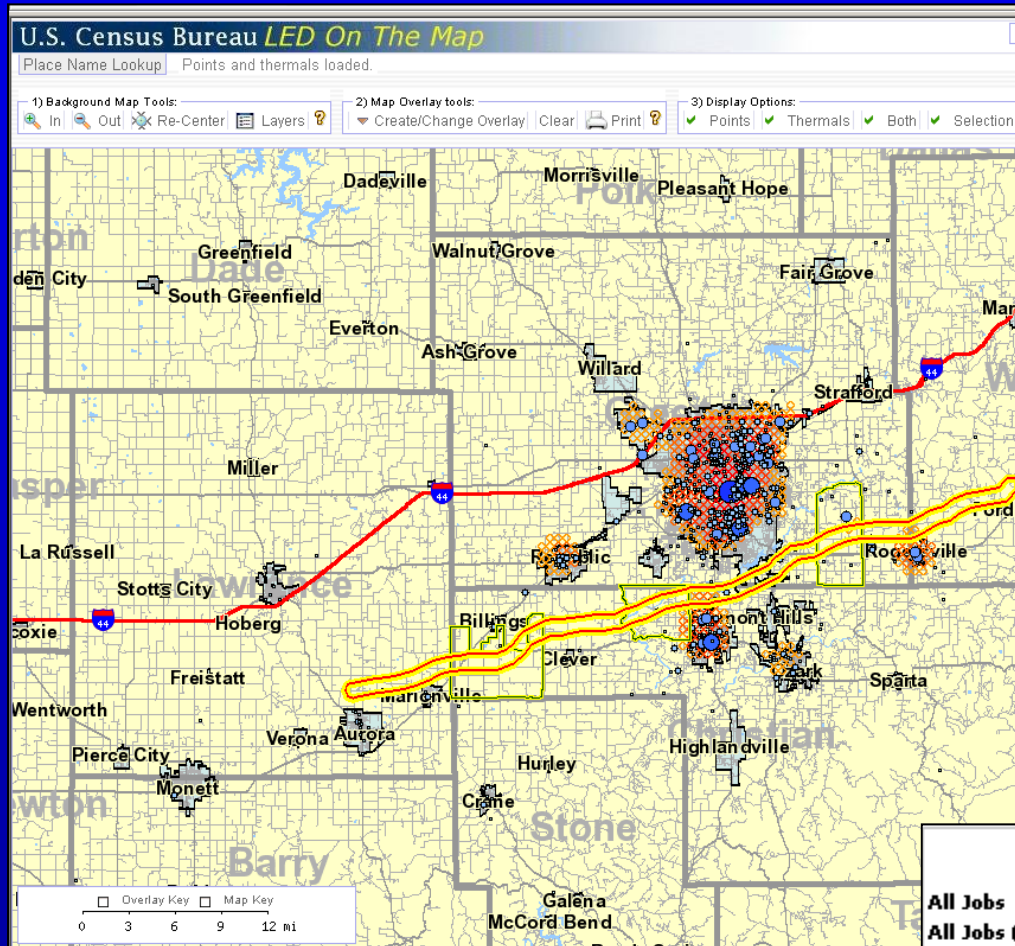
F-Scale: F3 between Clever and Nixa
Width: 1/4 to 1/2 mile

Path Length: ~40 miles
Time: 10:08 – 11:00 P.M.

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*Source: National Weather Service

OnTheMap: Where People Go to Work



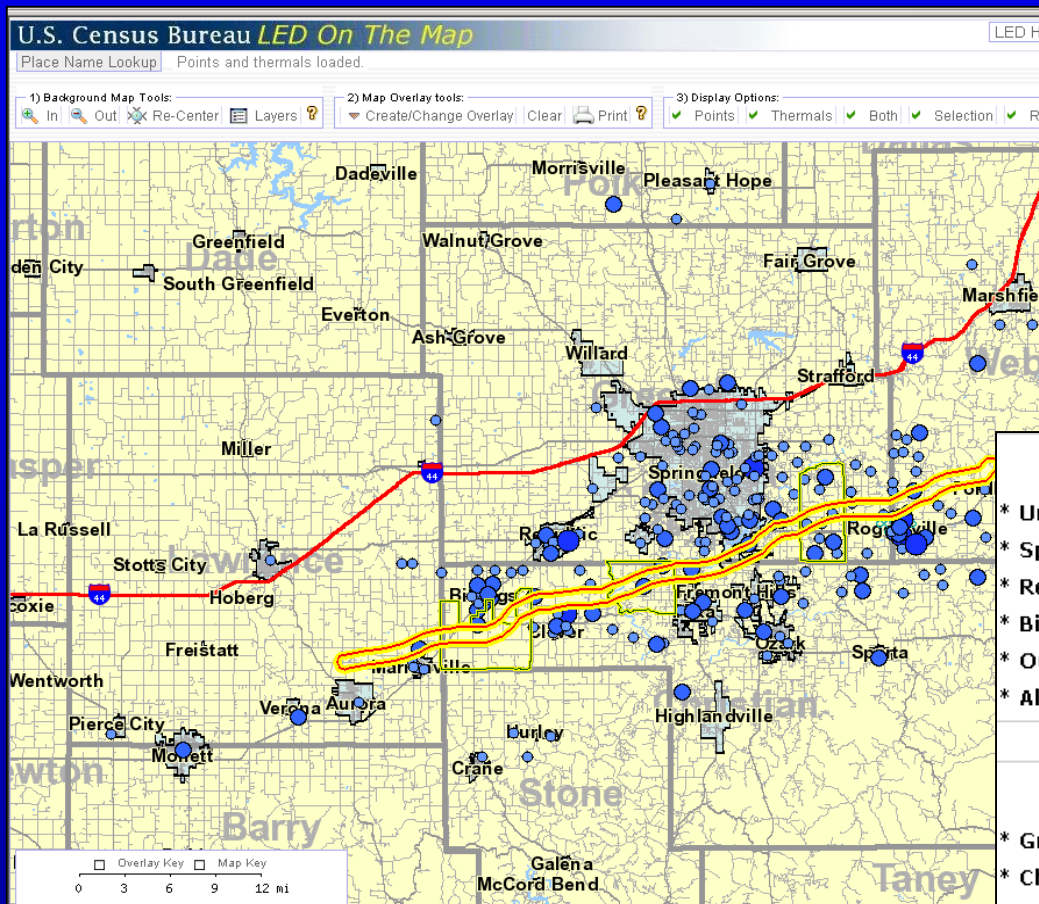
Where do people who live in the path of the tornado *work*?

Workers by Industry Type (2-digit NAICS)		2003	
	Count	Share	
* Agriculture, Forestry, Fishing and Hunting	5	0.3%	
* Mining	1	0.1%	
* Utilities	3	0.2%	
* Construction	134	8.6%	
* Manufacturing	195	12.5%	
* Wholesale Trade	132	8.5%	
* Retail Trade	230	14.8%	
* Transportation and Warehousing	79	5.1%	
* Information	54	3.5%	
* Finance and Insurance	82	5.3%	
* 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%	
* Administration & Support, Waste Management and Remediation	76	4.9%	
* Educational Services	13	0.8%	
* Health Care and Social Assistance	202	13%	
* Arts, Entertainment, and Recreation	23	1.5%	
* Accommodation and Food Services	124	8%	
* Other Services (excluding Public Administration)	74	4.8%	
* Public Administration	0	0%	

Resident Held Jobs by Category		2003	
	Count	Share	
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%	

OnTheMap: Where Workers Live



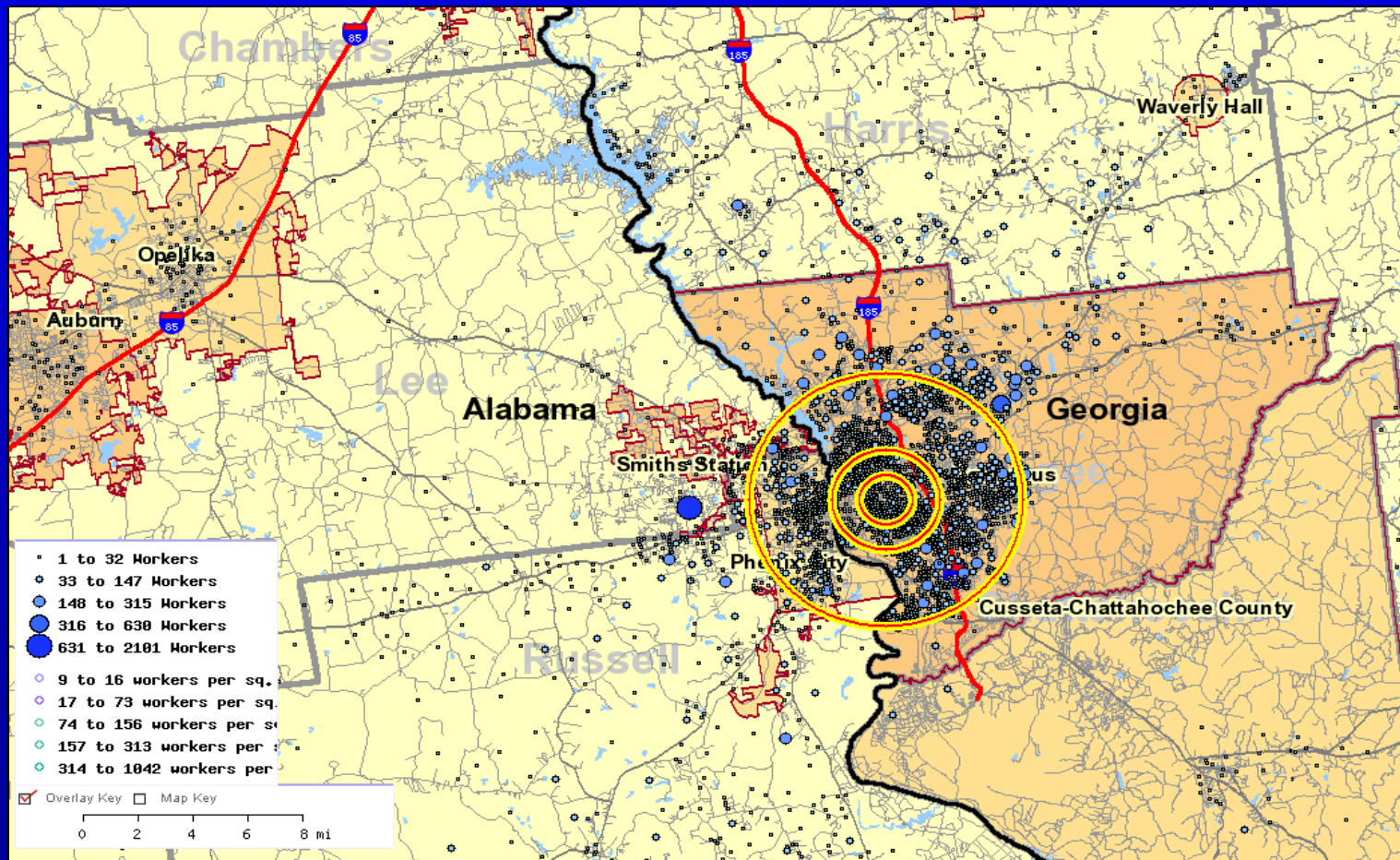
QWI Indicators - Private Sector Jobs		2003:Q2
* Employment (Beginning-of-2nd quarter)		248
* Employment, Stable Jobs		210
* Separations, Stable Jobs		24
* New Hires, Stable Jobs		21
* Firm Job Gain		38
* Firm Job Loss		21
* Employment (reference quarter)		326
* Average Monthly Earnings, Stable Jobs		\$ 2,283
* Average Monthly Earnings Separations from Stable Jobs		\$ 975
* Average Monthly Earnings, New Hires, Stable Jobs		\$ 2,128

Cities/Towns Where Workers Live		2003	
	Count	Share	
* Unincorporated Areas	112	45.2%	
* Springfield, MO	52	21%	
* Republic, MO	14	5.6%	
* Billings, MO	12	4.8%	
* Out-of-State	9	3.6%	
* All Other Locations	49	19.8%	

Counties Where Workers Live		2003	
	Count	Share	
* Greene Co., MO	97	39.1%	
* Christian Co., MO	73	29.4%	
* Webster Co., MO	22	8.9%	
* Lawrence Co., MO	14	5.6%	
* Out-of-State	9	3.6%	
* All Other Locations	33	13.3%	

Where do workers employed at jobs located in the path of the tornado *live*?

Cross-Border Labor Shed Using Concentric Circle Analysis



Report from Concentric Circle Analysis

<u>Jobs by Earnings Paid</u>	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 NAICS)</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%

OnTheMap: Downtown St. Louis

Proposed Mississippi River Bridge Project

LED in Action

Proposed Mississippi River Bridge Project Analysis

Cross Border Commuting



Where do people who work in North St. Louis, MO live?



Where do people who live in Granite City, IL work?



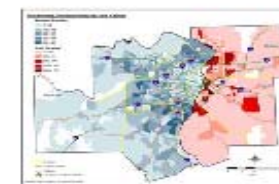
Where do people who work in East St. Louis, IL live?



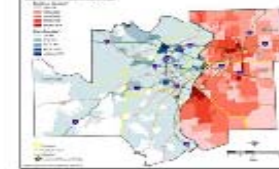
Where do people who live in East St. Louis, IL work?

The purple thermal coloration and blue dots represent where people who work in the study area live. The orange thermal coloration and blue dots represent where those who live in the study area work. The study areas (northern St. Louis City, MO, Granite City, IL and East St. Louis, IL in this case) are highlighted in yellow.

In these illustrations, the importance of the current bridges for residents in the northern neighborhoods of greater St. Louis is highlighted by the identification of commuters crossing from northern St. Louis to Granite City, IL, and from Granite City, IL to downtown St. Louis and numerous locations on the inner and outer beltways.



More workers commute from Illinois into Missouri.



The Current Situation and the New Mississippi River Bridge

Presently, there is one interstate crossing the Mississippi River in downtown St. Louis: the Poplar St. Bridge. It handles traffic from Interstates 55, 64, and 70. According to transportation planners, the Poplar St. Bridge is severely overburdened. The 2-mile approach from the Illinois side adds to the congestion with the convergence of three interstates. Projections show that severe traffic congestion is likely by the year 2020, without improvements to the transportation network. Rush-hour congestion could double and last up to three hours. The average delay would increase from 10 minutes per vehicle today to 55 minutes per vehicle by the year 2020.

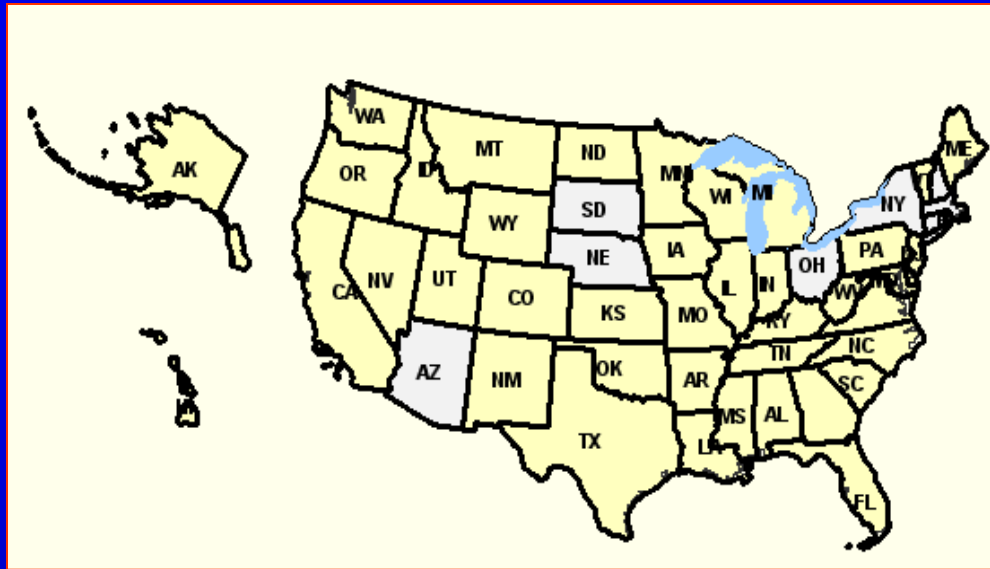
The proposed new bridge would host Interstate 70, one of three primary east-west interstate highways in the country. The cable-stayed bridge would be designed to carry eight lanes of traffic and be located approximately one mile north of the Dr. Martin Luther King Bridge. With LED we can identify geographic concentrations of commuters both where they live and where they work, on either side of the Mississippi, aiding transportation planning within the metropolitan area.



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Using our data to find solutions

<http://lehdmap.dsd.census.gov>





OnTheMap LED's online dynamic mapping tool

- ✓ Where do workers live?
- ✓ Where do residents work?
- ✓ Reports on age, earnings, and industries with three years of data
- ✓ Cross-state flows

- ✓ 42 states online
- ✓ User-selected areas
- ✓ Block is base unit for display; block group is base unit for report
- ✓ Geographic layers such as community colleges and zip codes

Local Employment Dynamics' Tools and Features

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

U.S. Census Bureau
Longitudinal Employer-Household Dynamics

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- ▶ [CED HotReport](#)
- ▶ [Older Worker Profiles](#)
- ▶ [QWI Online](#)
- ▶ [Industry Focus](#)
- ▶ [Partners Only](#)
- ▶ [OnTheMap](#)
- ▶ [OnTheMap V2](#)
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- ▶ **e-Learning Modules**
 - [Site Tour](#)
 - [Industry Focus Tour](#)
 - [QWI Online Tour](#)
 - [OnTheMap Tour](#)

WHAT'S NEW?

- ▶ 09/12/07: [Michigan QWI Data on LED Website](#)
- ▶ 08/18/07: [OnTheMap version 2.2.1 Released](#)
- ▶ 07/31/07: [OnTheMap version 2.2 Released](#)
- ▶ 07/20/07: [Wyoming QWI Data on LED Website](#)
- ▶ 07/17/07: [Community Economic Development HotReport Released at Workforce Innovations Conference](#)

[Click here to send an email to join the OnTheMap listserv.](#)

[\[more...\]](#)

Q&A

- ▶ [What is LEHD?](#)
- ▶ [What is LED?](#)
- ▶ [What is the difference between LEHD and LED?](#)
- ▶ [What are the QWI?](#)

[\[more...\]](#)

Local Employment Dynamics
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DID YOU KNOW?

...that of the industries in **Colorado** that employed more than 1,500 workers **65 years and older** in 2002, the highest paying was engineering, accounting, and research (\$3,528 a month)?

Three Learning Aids for Using OnTheMap

- **e-Learning module - OnTheMap Tour:** on lehd.did.census.gov home page under Quick Links – 12 minute illustrated and narrated scenario
- **Exercise:** provides text and pictures to do a step by step labor shed exercise in Clark County, WA
- **Help includes Glossary of Terms:** “Help” is located at the top of every OnTheMap page

Selecting Your Basic Geography

Place Name Lookup

OnTheMap (OTM) Version 2 provides detailed maps showing where people work and workers live with companion reports on worker ages, earnings, industry distribution, and local workforce indicators. A total of 42 states (highlighted on the map below) are currently featured showing data for three years . 2002 through 2004. Click on the "Help" tab at the upper right for a guide to using the application.



Getting Started - Select a Geographic Area Start by selecting a geographic area in one of the highlighted states, or enter a state, county or city name in the place name lookup box below:

OnTheMap is produced by the U.S. Census Bureau in cooperation with states under the Local Employment Dynamics (LED) partnership. OTM Version 2 is made possible through the support of the Employment and Training Administration (ETA) at the U.S. Department of Labor.

Type "Irv" in Place Name Lookup; Highlight in City Lookup Results

U.S. Census Bureau *LED On The Map* [LED Home](#) [Help](#) [On The Map tool](#) [Text-based tool](#)

Place Name Confirmation

Place Name Lookup

Enter a State, County or City:

Or you can choose a place working from the [US Map](#)

State Lookup Results

State(s):

Highlight your choice from the list and press the button to continue

County Lookup Results

County(s):

Highlight your choice from the list and press the button to continue

City Lookup Results

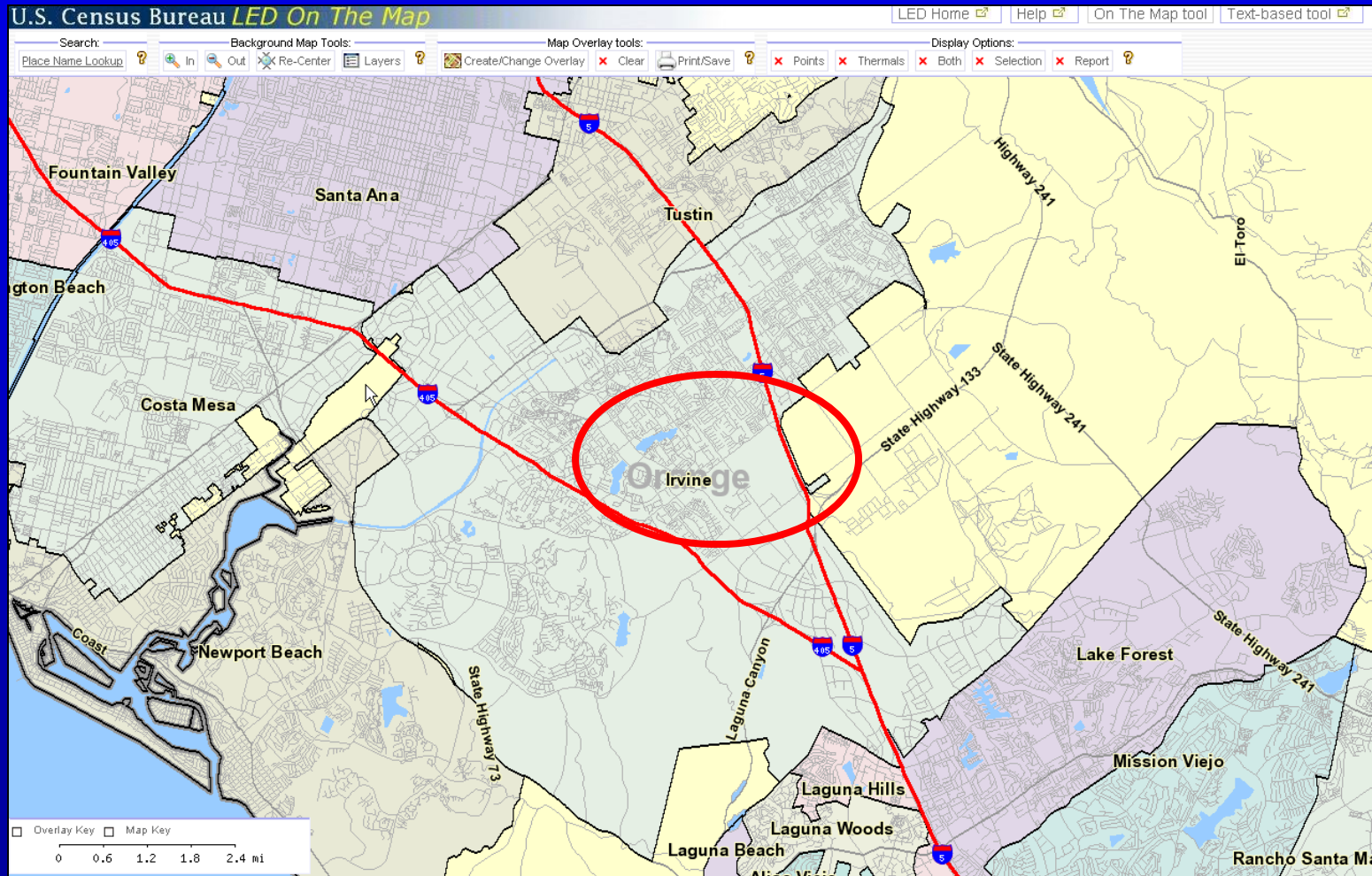
City(s):

Highlight your choice from the list and press the button to continue

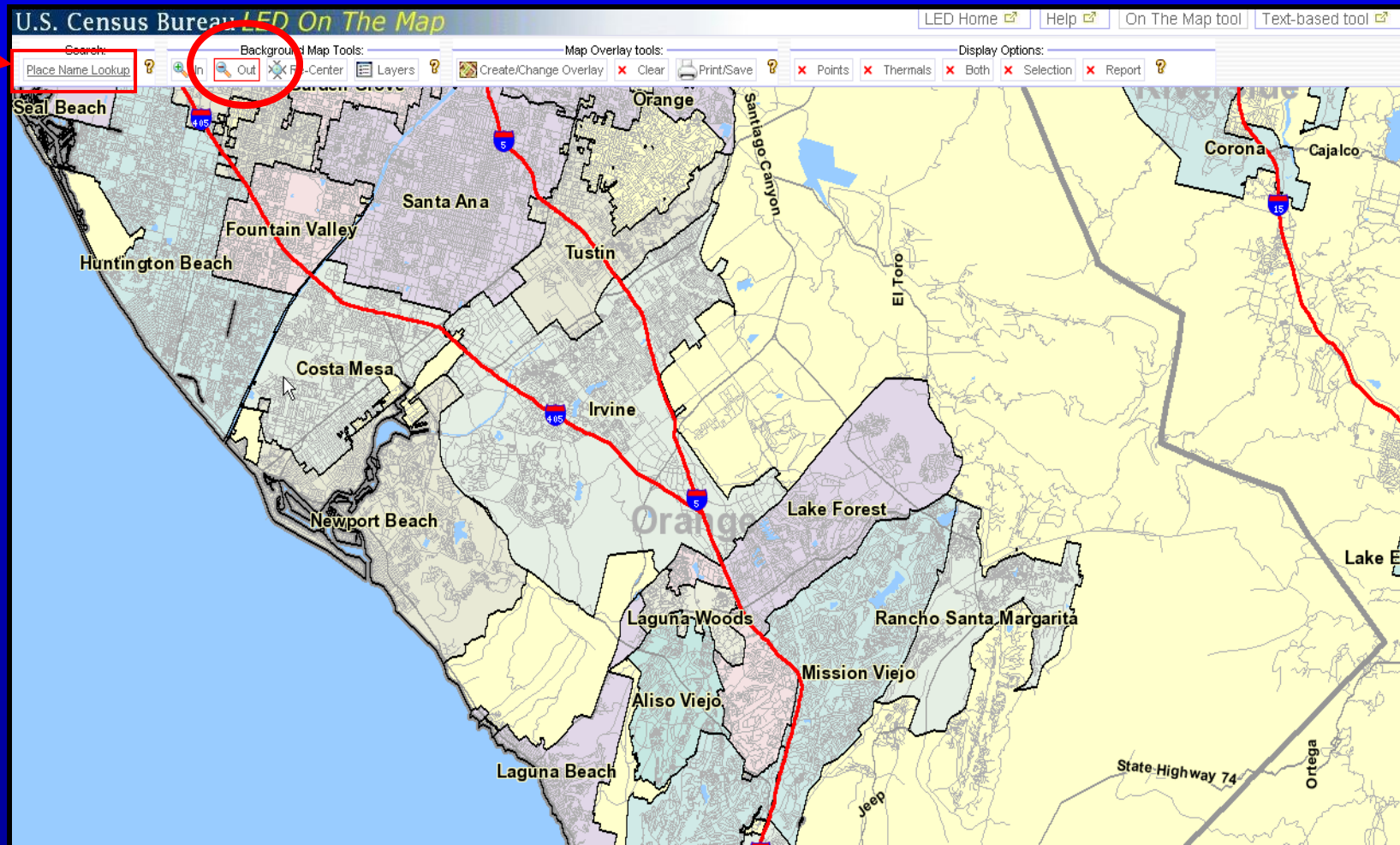
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Source: U.S. Census Bureau, Demographic Surveys Division | e-mail: dsd.local.employment.dynamics@census.gov

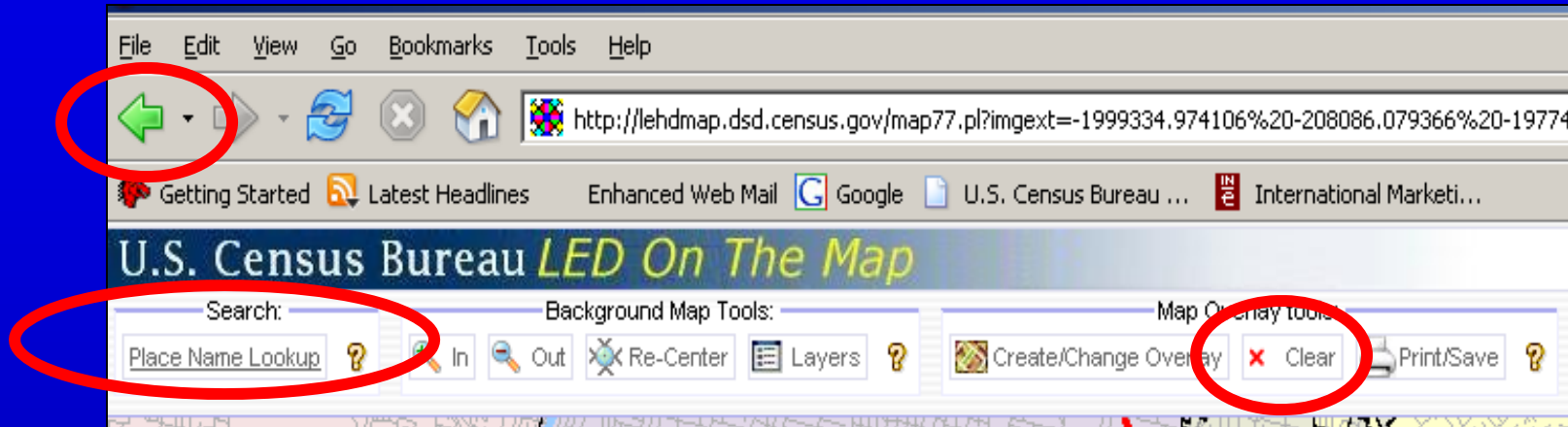
Displaying City of Irvine *OnTheMap*



OnTheMap Zoom Out: Click, drag and drop



What if I Goof Up?



- **Back Arrow:** will undo most single mistakes
- **Clear:** clear the points, thermals and selected geography
- **Place Name Lookup:** use this if things get really confusing; just type in your place name and start over

Background Map Layers

U.S. Census Bureau *LED OnTheMap*

LED Home | Help | On The Map tool | Text-based tool

Search: Place Name Lookup | Background Map Tools: Layers | Map Overlay tools: Create/Change Overlay | Clear | Print/Save | Display Options: Points | Thermals | Both | Selection | Report | Snapshots: Add Current

Change the selected layers as required, and click the 'Update' button to confirm.

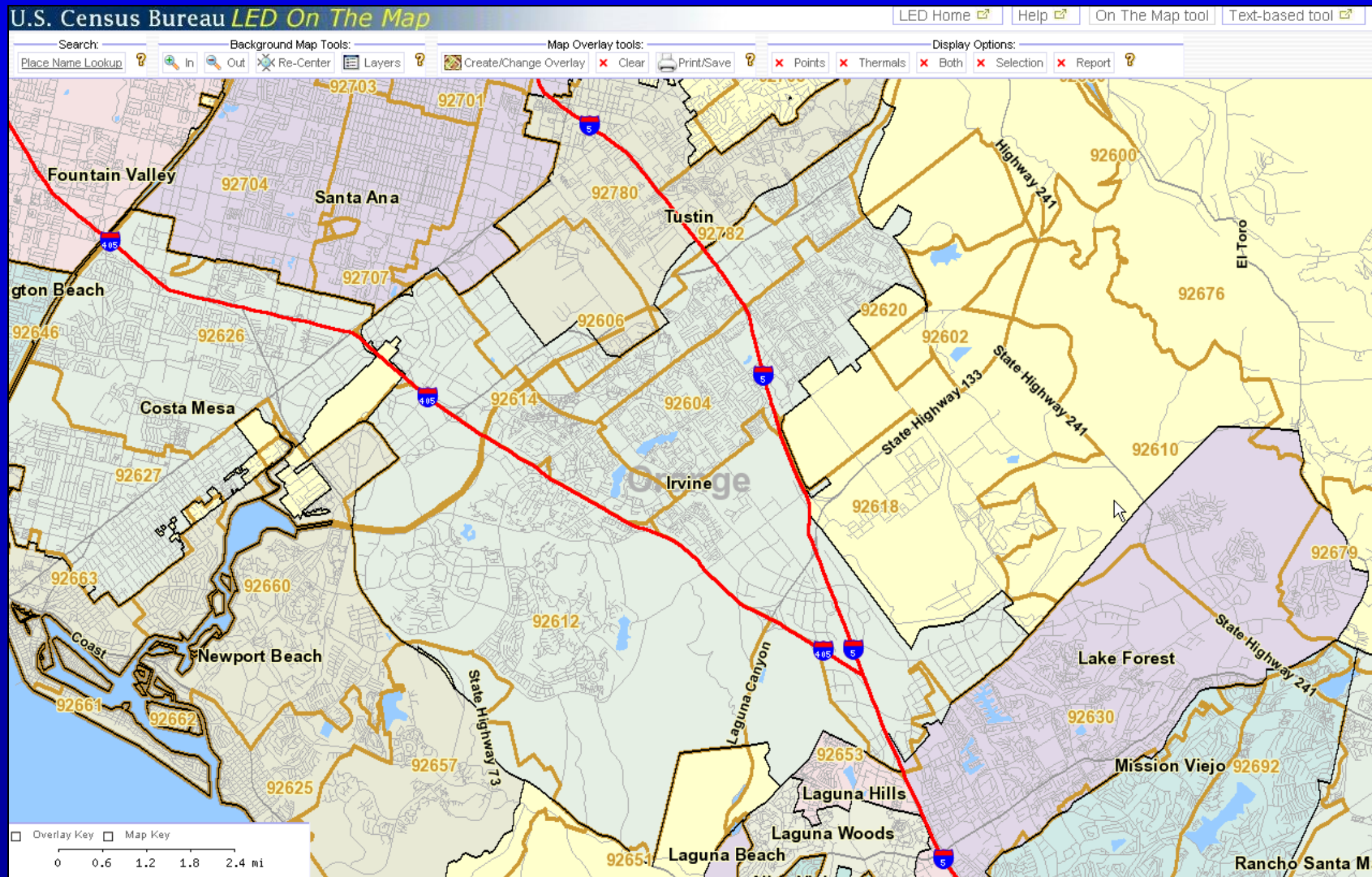
"A" = Map display, "B" = Label display

Update Layers

A	B	Layer Name
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US States
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Counties
<input type="checkbox"/>	<input type="checkbox"/>	County Subdivisions
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Census Tracts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Census Block Groups
<hr/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Core Based Statistical Areas (CBSA)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Incorporated Places
<input type="checkbox"/>	<input type="checkbox"/>	US 110th Congressional Districts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Zip Code Areas (ZCTA)
<input type="checkbox"/>	<input type="checkbox"/>	Military Bases
<input type="checkbox"/>	<input type="checkbox"/>	Tribal Lands
<hr/>		
<input type="checkbox"/>	<input type="checkbox"/>	Workforce Investment Areas (WIB)
<input type="checkbox"/>	<input 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)
<hr/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lakes and Rivers
<hr/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US Interstate Highways
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US and State Highways
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Local Roads
<hr/>		
<input type="checkbox"/>	<input type="checkbox"/>	OneStop Career Centers
<input type="checkbox"/>	<input type="checkbox"/>	Community Colleges

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Example: Zip Code Layer



Create/Change Overlay: Create Travel Sheds

U.S. Census Bureau *LED On The Map*

LED Home | Help | On The Map tool | Text-based tool

Search: Place Name Lookup | Background Map Tools: In | Out | Re-Center | Layers | Map Overlay tools: **Create/Change Overlay** | Clear | Print/Save | Display Options: Points | Thermals | Both | Selection | Report

Please select the overlay type you wish to create or edit.

- Create Travel Sheds (Show where workers live or work)
- Create Paired Area - First Selection (Analyze two areas; a home and workplace pair)
- Continue Paired Area - Second Selection (Analyze two areas; a home and workplace pair)
- Analyze Concentric Rings (Profile workers within rings around a selected location)

Map Key | Overlay Key | 0 1 2 3 4 mi

Travel Sheds Defined

Commute shed - Plots and reports where those who *live* in the selection area *work*.

Labor shed - Plots and reports where those who *work* in the selection area *live*.

Create Travel Shed

Select Labor Shed & Shed Report

U.S. Census Bureau *LED On The Map*

Search: _____ Background Map Tools: _____ Map Overlay tools: _____ Display Options: _____

Place Name Lookup In Out Re-Center Layers Create/Change Overlay Clear Print/Save Points Thermals Both Selection Report

Travel Shed Analysis:
Select the required options from left to right. After you make a selection in step 5 this window will close, and you can select the required area on the map. The overlay will be calculated after you finish drawing your selection area.

1) Year: 2003 2002

2) Job Type: All Jobs All Primary Private Jobs Private Primary

3) Live or Work: Commute shed (Selects a home area and maps where people work) Labor shed (Selects an employment area and maps where workers live)

4) Report Type: Shed report Area profile report QWI report
Name: _____

5) Selection Tool: Re-use selection Freehand Layer Selection Buffered Selection Circle Selection

Overlay Key Map Key
0 1 2 3 4 mi

Map labels: Corona, Cajalco, Lake Forest, Rancho Santa Margarita, Mission Viejo, Aliso Viejo, Laguna Woods, Laguna Beach, San Juan Capistrano, Dana Point, State Highway 74, Orange, Newport Beach, Irvine, Lake El Estero, El Toro, San Diego Canyon, Jeep.

Type Report Name Here

Types of Reports

- **Shed:** shows top 10 cities and counties and top 3 states where people in the selection area live or work.
- **Area Profile:** shows job counts, workers' age and wage ranges, and industry types.
- **QWI:** shows 10 **Q**uarterly **W**orkforce **I**ndicators (in Labor Shed only.)
- The text box allows you to **name** your report.
- Reports can be **downloaded**.
- Screen can be **bookmarked** as a website.

Selection Tools: Choose Layer

U.S. Census Bureau *LED On The Map*

LED Home Help On The Map tool Text-based tool

Search: Background Map Tools: Map Overlay tools: Display Options:

Place Name Lookup In Out Re-Center Layers Create/Change Overlay Clear Print/Save Points Thermals Both Selection Report

Travel Shed Analysis:
Select the required options from left to right. After you make a selection in step 5 this window will close, and you can select the required area on the map. The overlay will be calculated after you finish drawing your selection area.

1) Year:
 2003
 2002

2) Job Type:
 All Jobs
 All Primary
 Private Jobs
 Private Primary

3) Live or Work:
 Commute shed
(Selects a home area and maps where people work)
 Labor shed
(Selects an employment area and maps where workers live)

4) Report Type:
 Shed report
 Area profile report
 D/WI report
Name:

5) Selection Tool:
 Re-use selection
 Fresh selection
 Layer Selection
 Polygon Selection
 Circle Selection

Costa Mesa Newport Beach Laguna Beach Aliso Viejo San Juan Capistrano Dana Point

Irvine Lake Forest Mission Viejo Rancho Santa Margarita Lake Elsinore Corona Cajalco

State Highway 74

0 1 2 3 4 mi

Selection Layer : Select Incorporated Cities

U.S. Census Bureau *LED OnTheMap*

Search: Place Name Lookup In Out Re-Center Layers

Background Map Tools: Create/Change Overlay Clear Print/Save

Map Overlay tools: Points Thermals Both Selection Report

Display Options: Add Current

Snapshots: Add Current

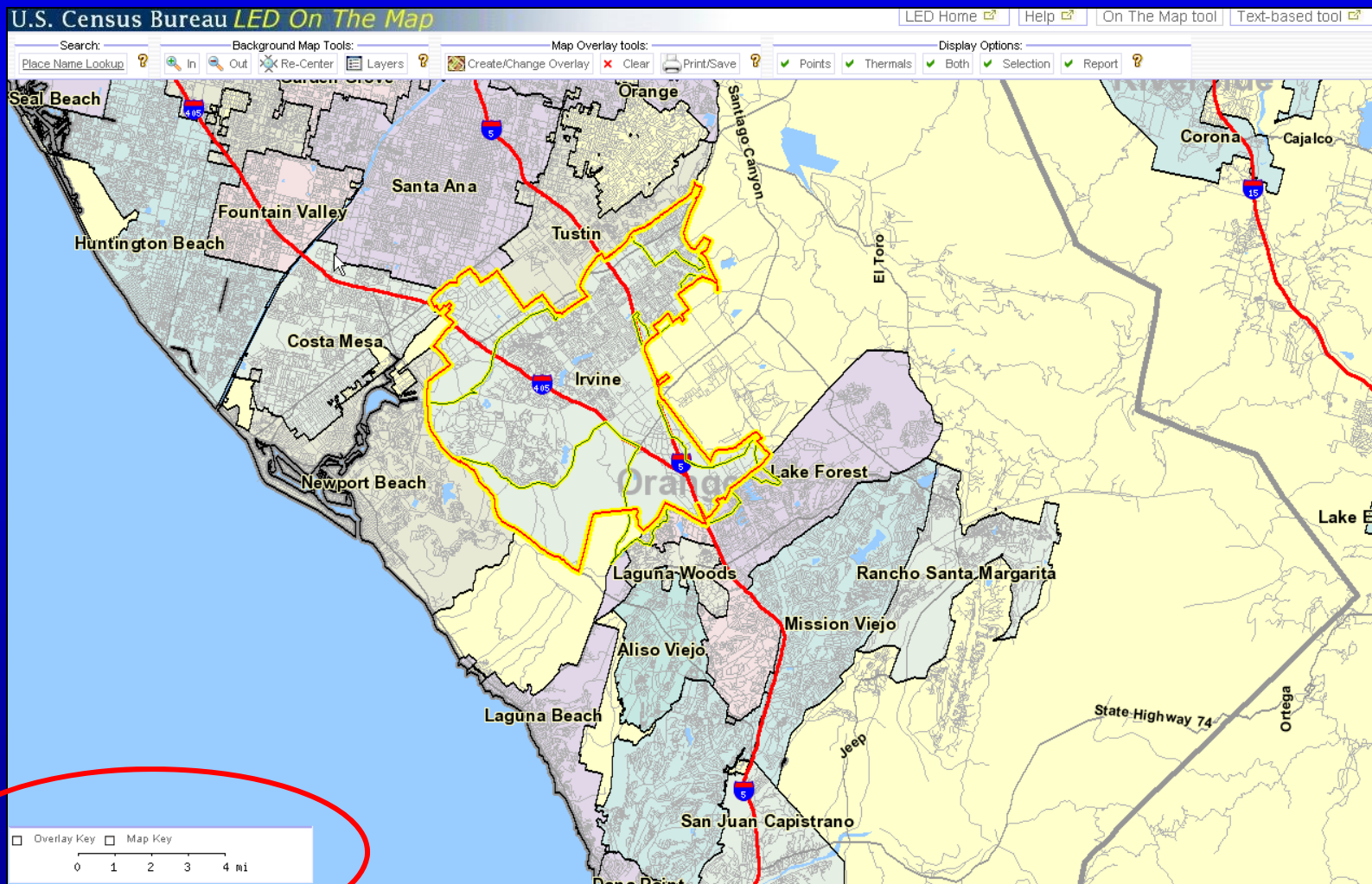
Choose a selection layer.
Pick one of the layer types from the list below and then select the specific areas you want by dragging a line on the map, touching only those features you want included.

- Counties
- Incorporated Cities
- Core-Based Statistical Areas
- 110th US Congressional Districts
- WIRED Regions (Generation 1)
- WIRED Regions (Generation 2)
- WIRED Regions (Generation 3)
- Workforce Investment Areas (WIB)
- Tribal Lands
- States
- County Subdivisions
- Census Tracts
- Zip Code Tabulation Areas (ZCTA)
- Military Bases

Overlay Key Map Key

0 0.7 1.4 2.1 2.8 mi

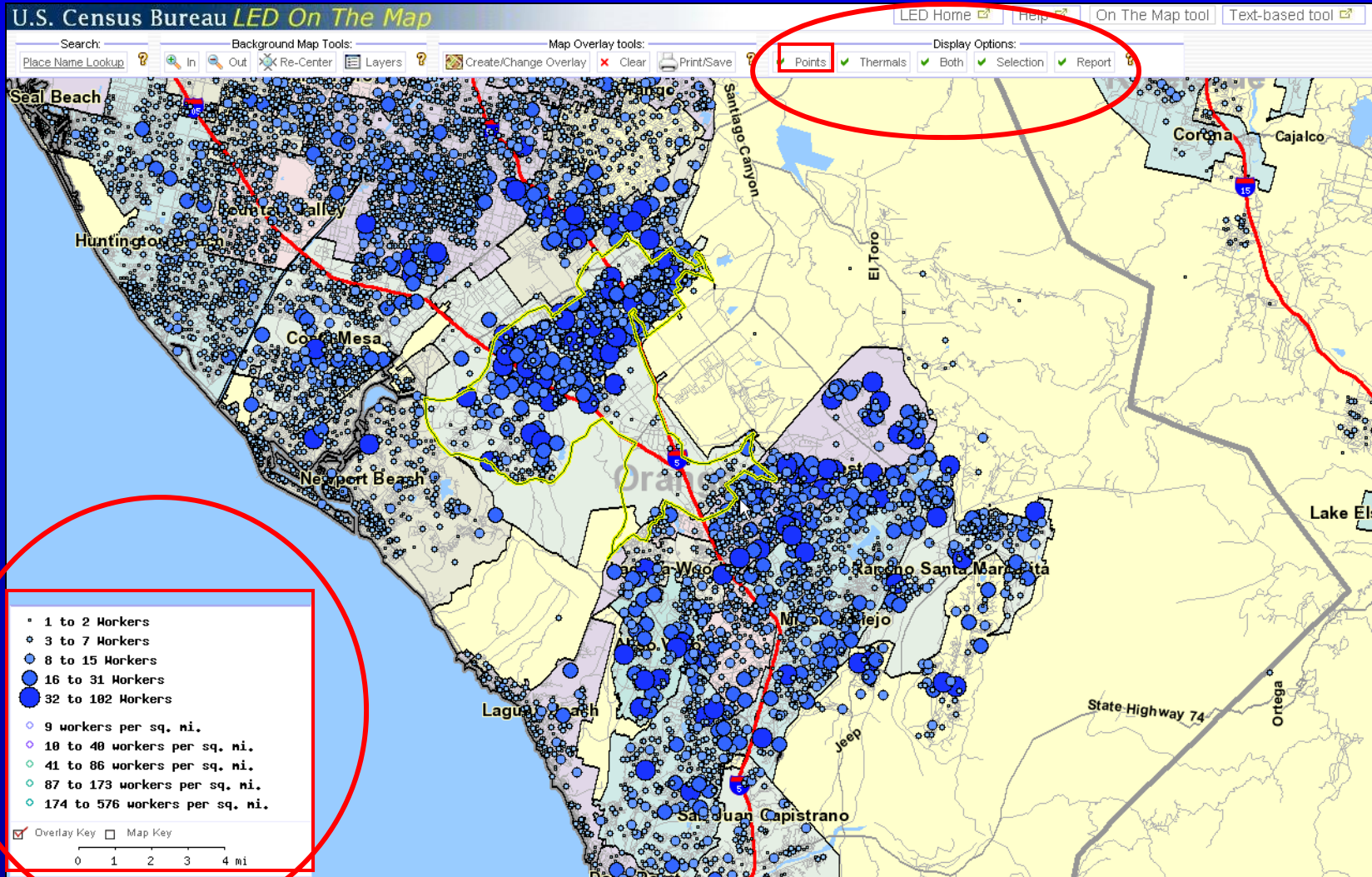
Draw Line Through Irvine to Outline City Boundaries



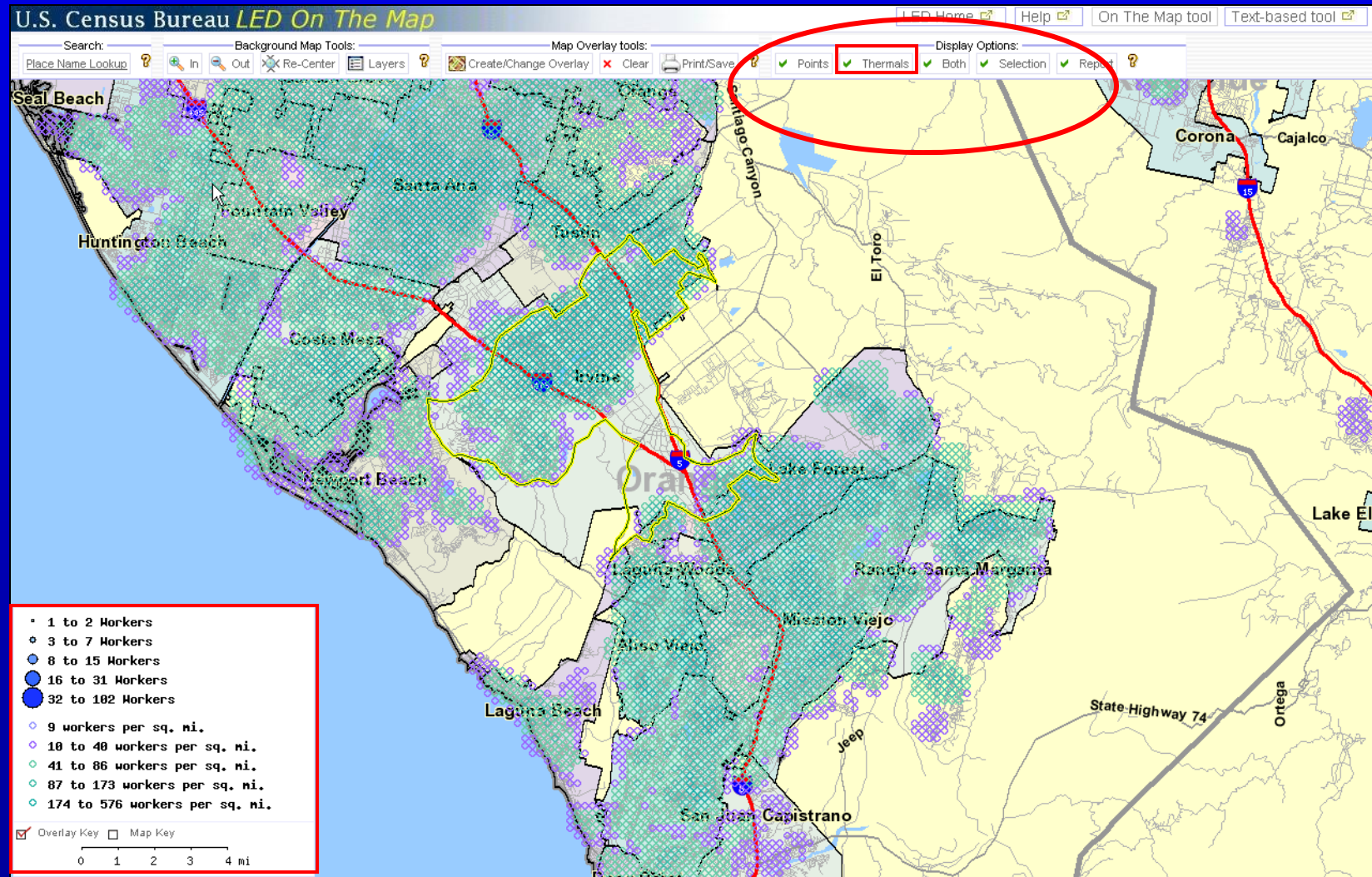
U.S. CENSUS BUREAU

Display Options: Points

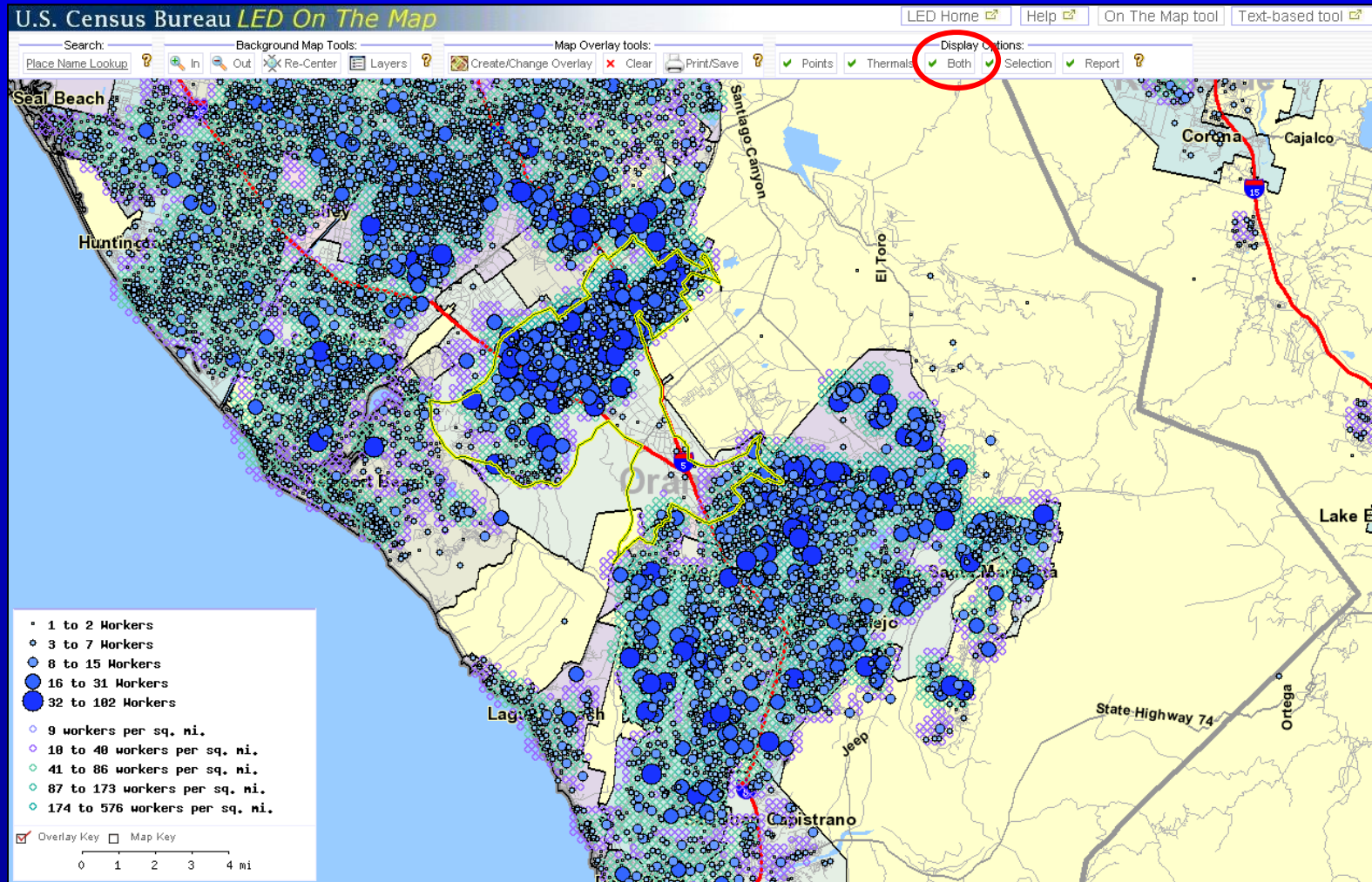
Let the Hourglasses Spin



Display Options: Thermals Where Workers Live



Both Points & Thermals



Labor Shed Report

Pop-up blockers OFF!

U.S. Census Bureau *LED OnTheMap*

Search: _____ Background Map Tools: _____ Map Overlay tools: _____ Display Options: _____ Snapshots: _____

Place Name Lookup In Out Re-Center Layers Create/Change Overlay Clear Print/Save Points Thermals Both Selection Report Add Current

LEHD - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://lehdmap2.did.census.gov/themap/selection_07/per/selector.pl?qid=11915196761302&qingext=-2008472?&Go

U.S. Census Bureau *LED OnTheMap*

Alternative Report Formats: PDF (Open PDF info page) Excel - XLS Formatted Text TAB Delimited

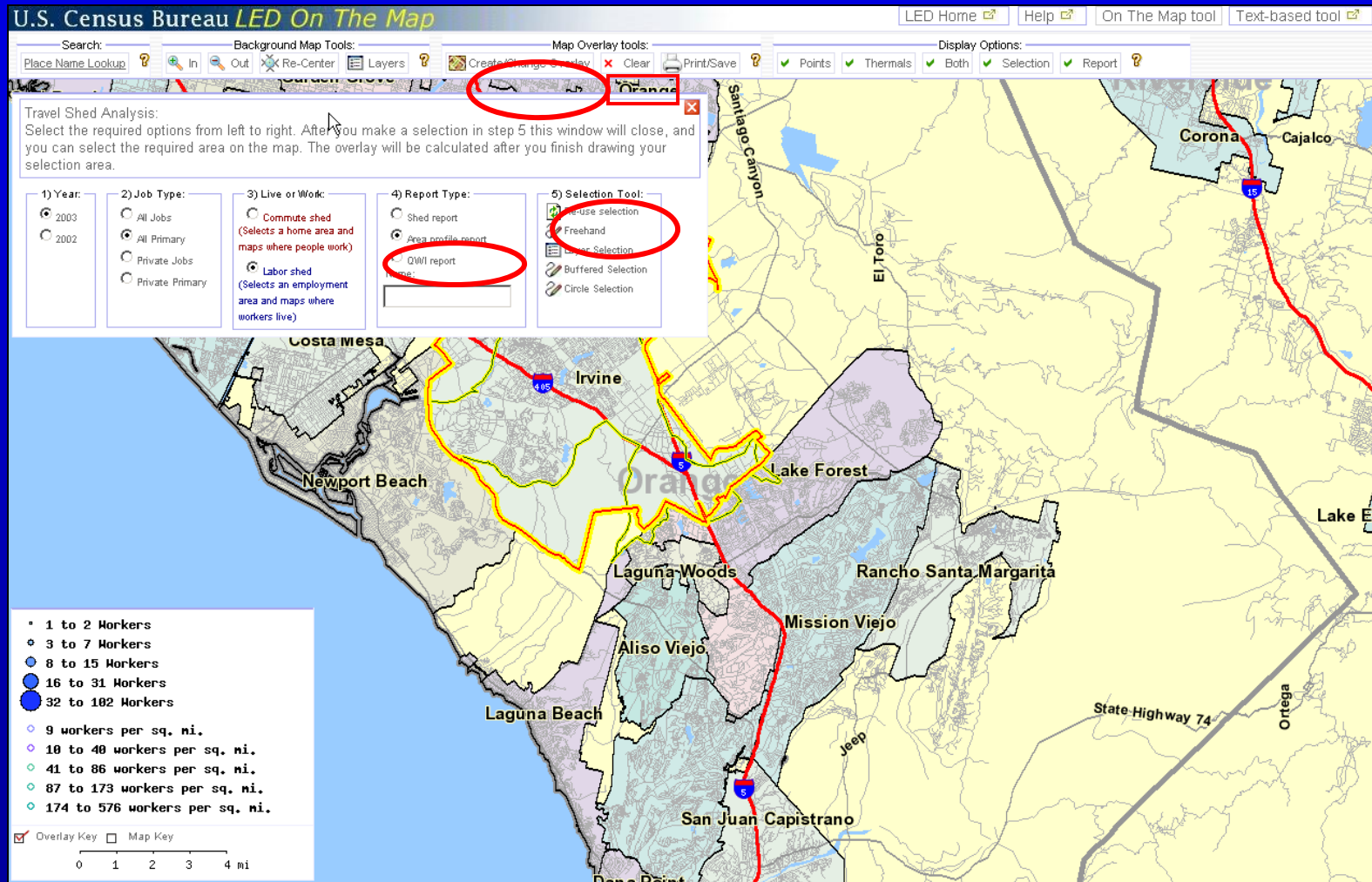
Labor Shed Report - Where Workers Live that are Employed in the Selection Area

Area Employment by Category	2004		2003		2002	
	Count	Share	Count	Share	Count	Share
Total Employers:	7,108		7,006		6,777	
* All Jobs	190,109	100.0%	183,791	100.0%	174,861	100.0%
* All Jobs (Private Sector Only)	185,071	97.3%	178,960	97.4%	174,861	100.0%
* All Primary Jobs (Worker's highest paying job)	178,595	93.9%	172,811	94.0%	165,261	94.5%
* All Primary Jobs (Private Sector Only)	174,016	91.5%	168,351	91.6%	165,261	94.5%

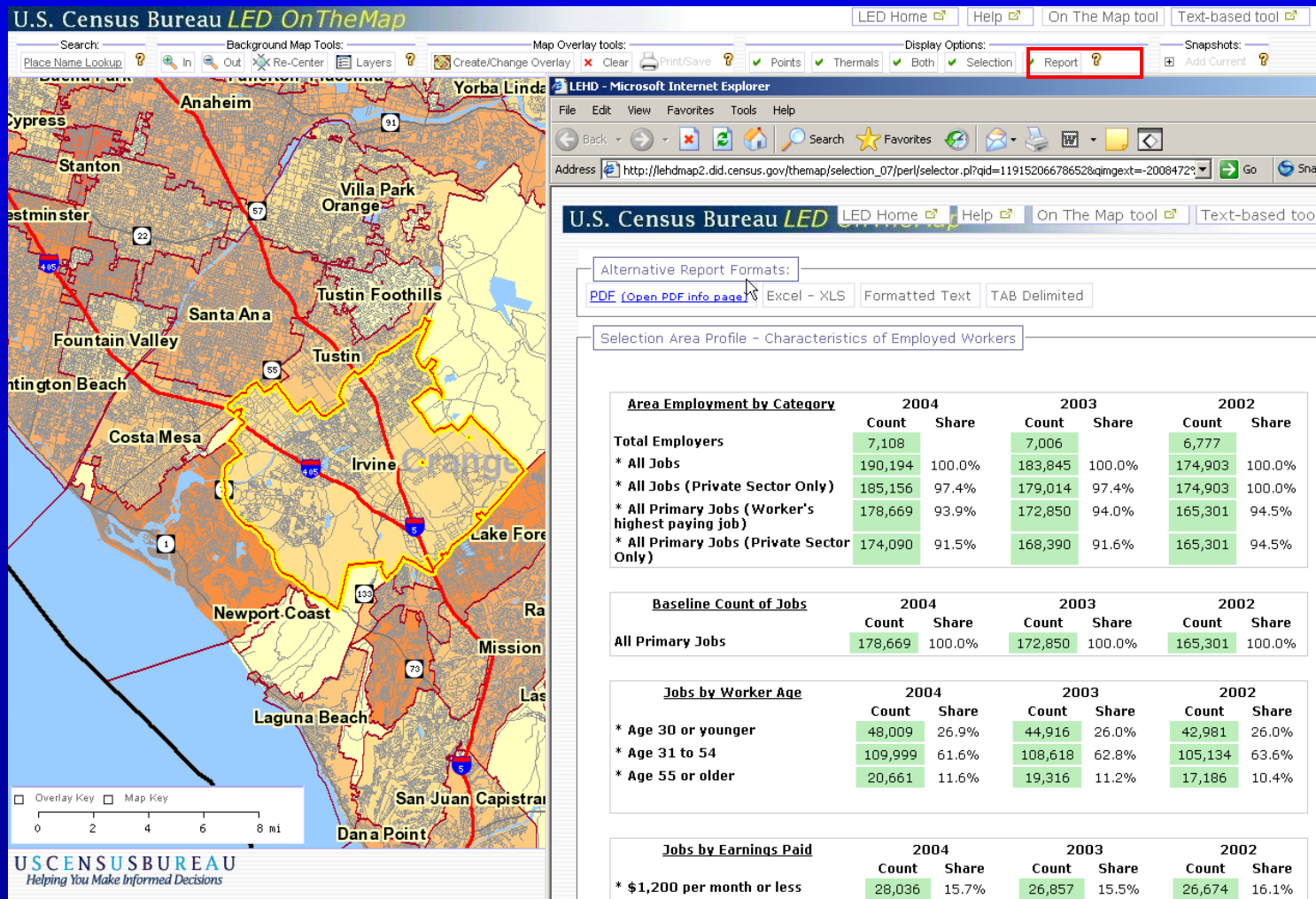
Baseline Count of Jobs	2004		2003		2002	
	Count	Share	Count	Share	Count	Share
All Primary Jobs	178,595	100.0%	172,811	100.0%	165,261	100.0%

Cities/Towns Where Workers Live	2004		2003		2002	
	Count	Share	Count	Share	Count	Share
* Santa Ana, California	12,814	7.2%	12,869	7.4%	13,311	8.1%
* Irvine, California	12,697	7.1%	12,535	7.3%	11,226	6.8%
* Los Angeles, California	7,963	4.5%	7,652	4.4%	6,727	4.1%
* Anaheim, California	6,255	3.5%	5,966	3.5%	5,776	3.5%
* Lake Forest, California	5,682	3.2%	5,719	3.3%	5,643	3.4%
* Huntington Beach, California	5,635	3.2%	5,550	3.2%	5,177	3.1%

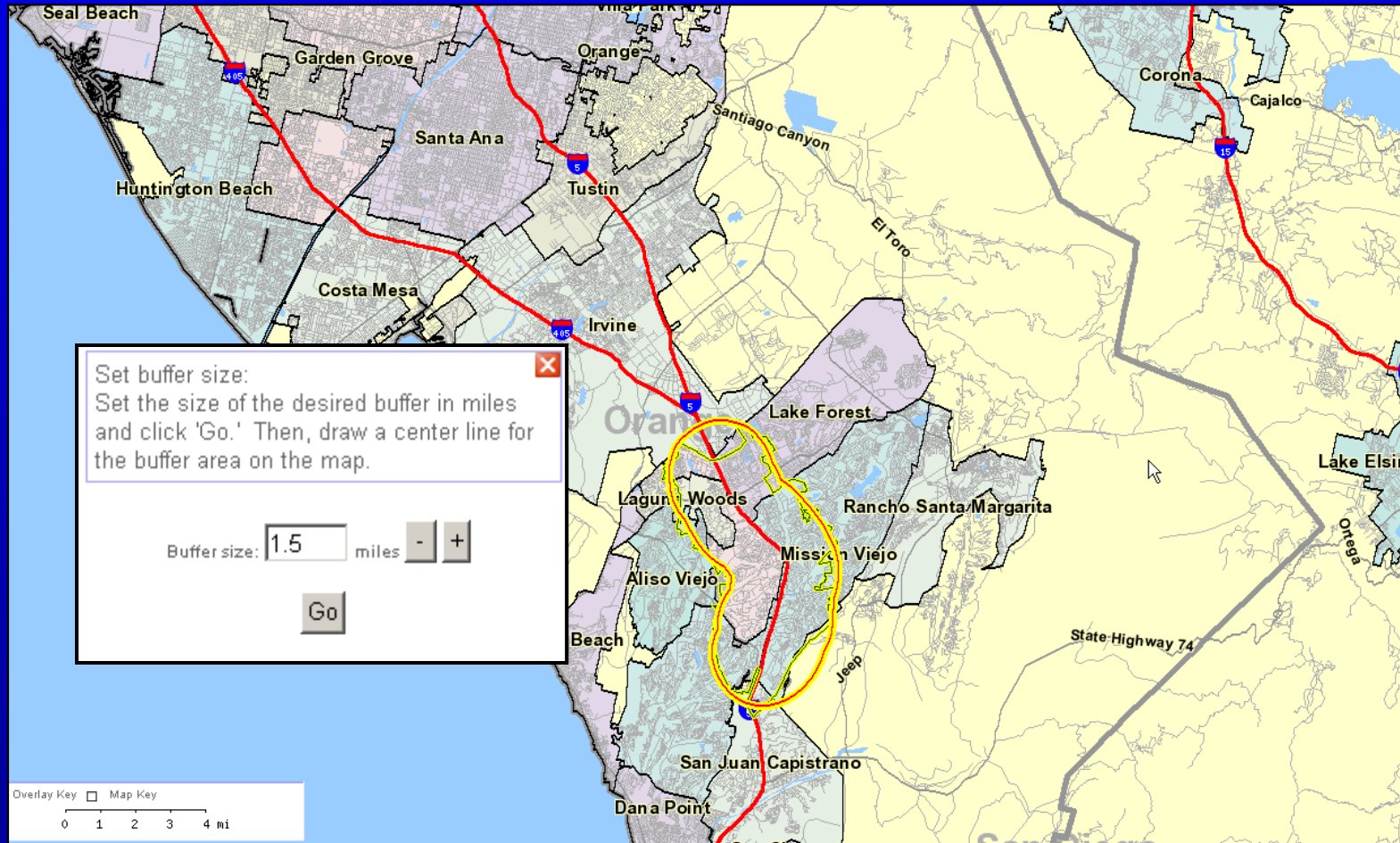
Change Report with Re-use Selection



Area Profile Report: Characteristics of Irvine's Workers



Buffered Selection: Set Width of Corridor & Draw Line



QWI Report Only Available for Labor Shed

The screenshot displays the U.S. Census Bureau LED OnTheMap web application. On the left is a map of Orange County, California, with various cities and regions labeled. A yellow circle highlights the 'Orange' region on the map. On the right, the 'Alternative Report Formats' section is visible, with 'Quarterly Workforce Indicators (QWI) Profile' selected and circled in red. Below this, a table titled 'QWI Indicators - Private Sector Jobs' provides data for three quarters: 2004:Q2, 2003:Q2, and 2002:Q2. The table lists various employment and earnings metrics.

	2004:Q2	2003:Q2	2002:Q2
* Employment (Beginning-of-2nd quarter)	82,723	81,410	80,737
* Employment, Stable Jobs	71,948	71,374	70,056
* Separations, Stable Jobs	6,869	6,571	6,865
* New Hires, Stable Jobs	8,929	9,614	8,512
* Firm Job Gain	6,046	3,998	4,302
* Firm Job Loss	3,531	3,306	3,803
* Employment (reference quarter)	101,029	96,680	96,910
* Average Monthly Earnings, Stable Jobs	\$ 3,946	\$ 3,800	\$ 3,654
* Average Monthly Earnings Separations from Stable Jobs	\$ 1,615	\$ 1,617	\$ 1,839
* Average Monthly Earnings, New Hires, Stable Jobs	\$ 2,791	\$ 2,901	\$ 2,716

Source: U.S. Census Bureau, Demographic Surveys Division | e...
did.local.employment.dynamics@censu...

Create & Continue Paired Areas

U.S. Census Bureau LED On The Map

Search: Place Name Lookup In Out Re-Center Layers Create/Change Overlay Clear Print/Save

Background Map Tools: Map Overlay Tools: Display Options: Points Thermals Both Selection Report

Please select the overlay type you wish to create or edit.

- Create Travel Sheds (Show where workers live or work)
- Create Paired Area - First Selection (Analyze two areas; a home and workplace pair)**
- Continue Paired Area - Second Selection (Analyze two areas; a home and workplace pair)**
- Analyze Concentric Rings (Profile workers within rings around a selected location)

Orange, Tustin, Costa Mesa, Irvine, Lake Forest, Mission Viejo, Rancho Santa Margarita, Laguna Hills, Newport Beach

State Highway 73, State Highway 133, State Highway 241, State Highway 261, Highway 241, Laguna Canyon, Santiago Canyon, El Toro

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Source: U.S. Census Bureau, Demographic Surveys Division | e-mail: dsd_local_employment_dynamics@census.gov

Paired Area Analysis: Circle and Freehand Selections

Search: Place Name Lookup In Out Re-Center Layers Create/Change Overlay Clear Print/Save Points Thermals Both Selection Report

Background Map Tools: Map Overlay tools: Display Options:

LEHD - Microsoft Internet Explorer
Address: http://lehdmap.dsd.census.gov/selection_06/perf/selector.pl?qid=11612725278882&qimgext=-1991279.921166%

U.S. Census Bureau LED LED Home Help On The Map tool Text-based t

Alternative Report Formats:
[PDF \(Open PDF info page\)](#) [Excel - XLS](#) [Formatted Text](#) [TAB Delimited](#)

Paired Area Report - Characteristics of Workers that Work in Selection Area #1 and Live in Area #2
 Workers in central Mission Viejo Who Live in Laguna Hills

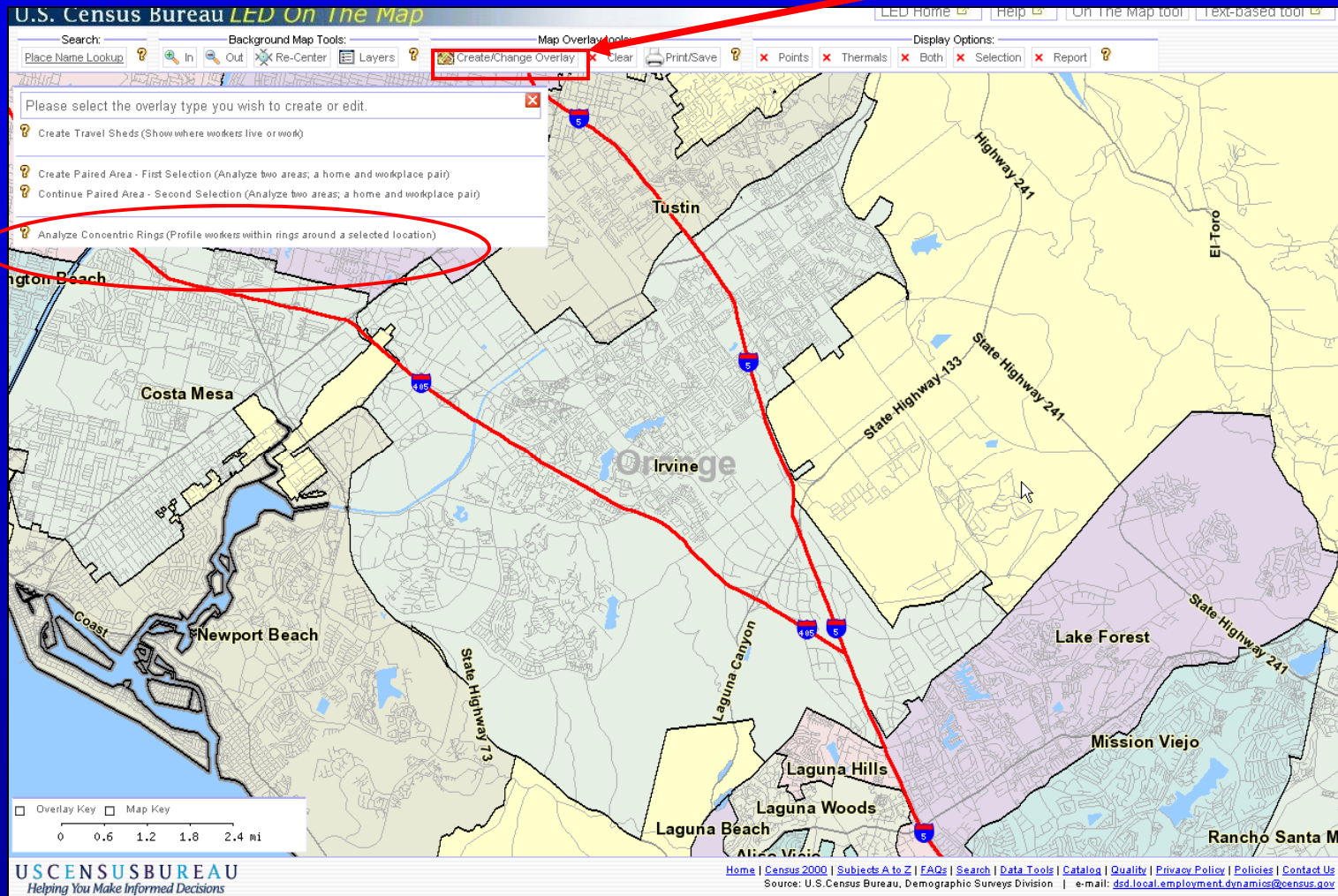
Workers Employed in Selection Area #1		2003	
	Count	Share	
* All Jobs	9,493	100.0%	
* All Jobs (Private Sector Only)	7,413	100.0%	
* All Primary Jobs (Worker's highest paying job)	8,769	100.0%	
* All Primary Jobs (Private Sector Only)	6,867	100.0%	

Workers of Area #1 Living in Area #2		2003	
	Count	Share	
* All Jobs	151	1.6%	
* All Jobs (Private Sector Only)	78	1.1%	
* All Primary Jobs (Worker's highest paying job)	141	1.6%	
* All Primary Jobs (Private Sector Only)	76	1.1%	

Data Sources
 US Census Bureau, LED Worker Origin/Destination Database (2nd Quarter 2002 and 2003)

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 Helping You Make Informed Decisions Source: U.S. Census Bureau, Demographic Surveys Division | dsd.local.employment.dynamics@ce

Analyze Concentric Rings



Set Radii of Concentric Rings

U.S. Census Bureau *LED On The Map*

Search: _____ Background Map Tools: _____ Map Overlay tools: _____ Display Options: _____

Concentric Ring Analysis:
Select the required options from left to right. After you click 'Go' in step 5 this window will close, and you can select the required area on the map. The overlay will be calculated after you pick a point on the map.

1) Year: 2003 2002

2) Job Type: All Jobs All Primary Private Jobs Private Primary

3) Live or Work: Commute shed (Selects a home area and maps where people work) Labor shed (Selects an employment area and maps where workers live)

4) Report Type: Concentric Ring report
Name: Labor Shed Concentric

5) Selection Tool:
Ring 1: 2 miles
Ring 2: 4 miles
Ring 3: 6 miles
Go

Overlay Key Map Key
0 0.6 1.2 1.8 2.4 mi

Concentric Circle Report



Concentric Circle Report (Labor Shed)

2003 Employment Profile

Area Employment by Category	6 Mi. Radius		4 Mi. Radius		2 Mi. Radius	
	Count	Share	Count	Share	Count	Share
Total Employers	2,086		219			
* All Jobs	42,159	100.0%	5,119	100.0%		100.0%
* All Jobs (Private Sector Only)	40,383	95.8%	4,830	94.4%		0.0%
* All Primary Jobs (Worker's highest paying job)	39,117	92.8%	4,343	84.8%		0.0%
* All Primary Jobs (Private Sector Only)	37,577	89.1%	4,082	79.7%		0.0%

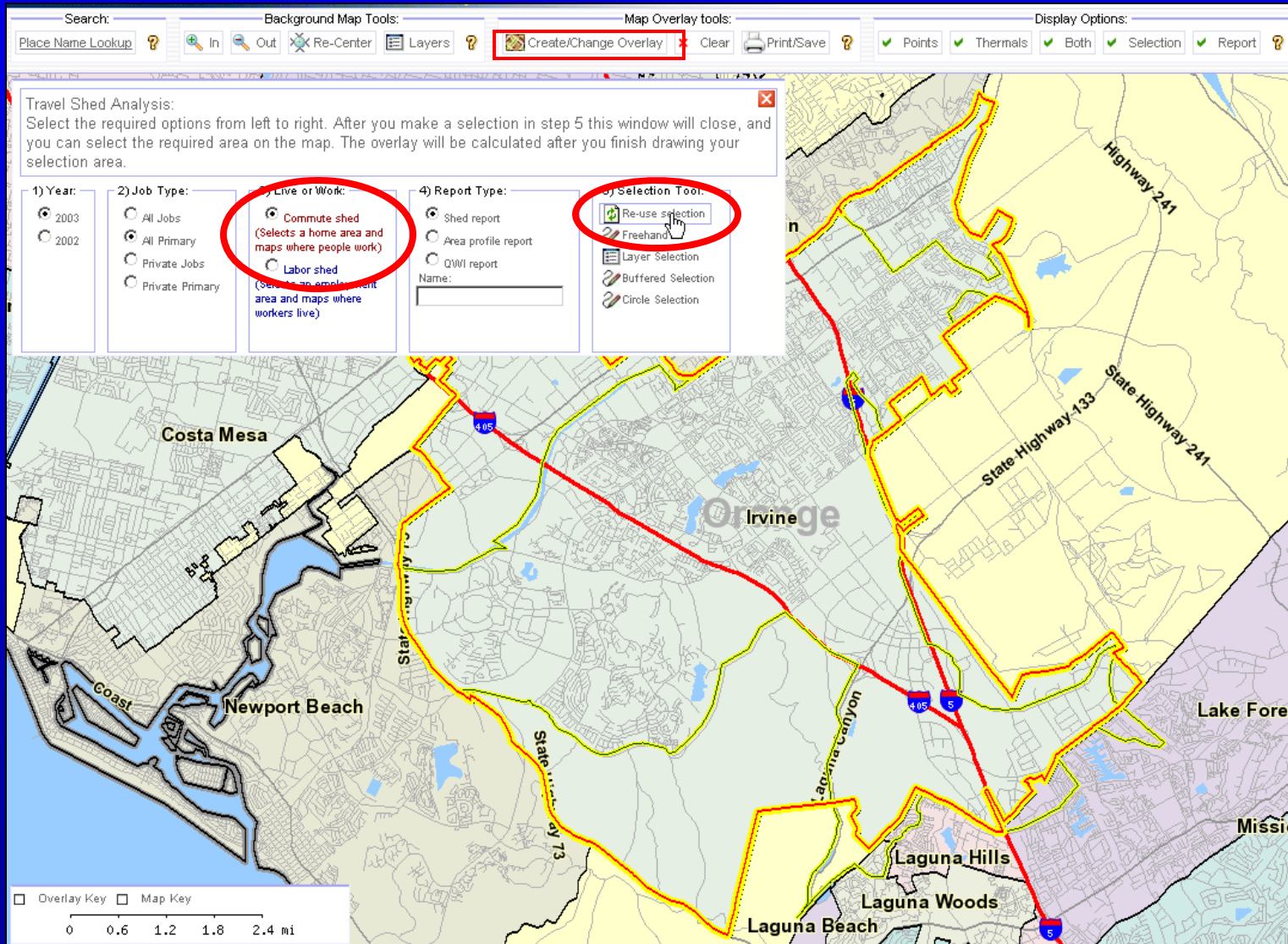
Baseline Count of Jobs	6 Mi. Radius		4 Mi. Radius		2 Mi. Radius	
	Count	Share	Count	Share	Count	Share
All Jobs (Private Sector Only)	40,383	100.0%	4,830	100.0%		100.0%

Jobs by Worker Age	6 Mi. Radius		4 Mi. Radius		2 Mi. Radius	
	Count	Share	Count	Share	Count	Share
* Age 30 or younger	12,616	31.2%	2,201	45.6%		0.0%
* Age 31 to 54	23,452	58.1%	2,117	43.8%		0.0%
* Age 55 or older	4,315	10.7%	512	10.6%		0.0%

Jobs by Earnings Paid	6 Mi. Radius		4 Mi. Radius		2 Mi. Radius	
	Count	Share	Count	Share	Count	Share
* \$1,200 per month or less	10,389	25.7%	1,605	33.2%		0.0%
* \$1,201 to \$3,400 per month	15,572	38.6%	2,787	57.7%		0.0%
* More then \$3,400 per month	14,422	35.7%	438	9.1%		0.0%

Jobs by Industry Type (2-digit NAICS)	6 Mi. Radius	4 Mi. Radius	2 Mi. Radius

Change Shed with Re-use Selection



Keep in Mind...

- LED not yet national in scope.
- LED does not yet include military, self-employed 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!

U.S. Census Bureau's
Local Employment Dynamics (LED)
Site Tour

U.S. Census Bureau's
Local Employment Dynamics (LED)
Site Tour

Industry Focus

QWI Online

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Local Employment Dynamics (LED)
Site Tour

On the Map

U.S. Census Bureau's
Local Employment Dynamics (LED)
Site Tour

Overview of The LED Program and LED Analytic Tools

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Local Employment Dynamics

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