Local Employment Dynamics

Earlene Dowell

Longitudinal Employer-Household Dynamics Program

June 2014



Overview of LED

- Our data tools
 - OnTheMap
 - OnTheMap for Emergency Management
 - LED Extraction Tool
 - QWI (Quarterly Workforce Indicators) Explorer
 - On the way out
 - Industry Focus
 - QWI Online

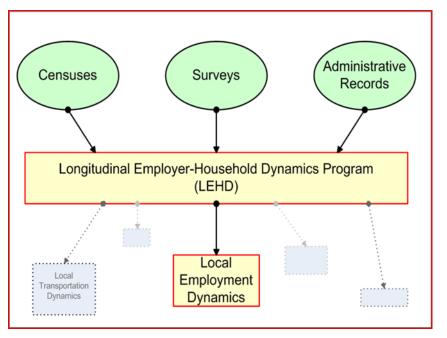


Local Employment Dynamics (LED) Partnership

- Partnership between state LMI agencies and the Census Bureau
- Partnership between 53 states/territories
- Not yet producing data = Massachusetts, Puerto Rico and US Virgin Islands
- Access to administrative records
- Unemployment Insurance (UI) Wage Records
- Quarterly Census of Employment and Wages (QCEW)



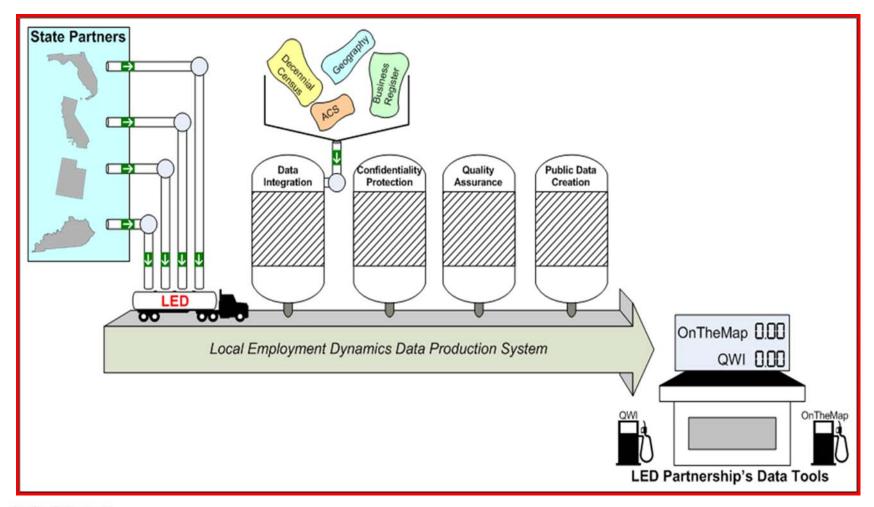
LED Overview



- Leverages existing data
- Creates new data products at low cost
- Makes detailed data available for local areas while protecting confidentiality



The Data Refinery



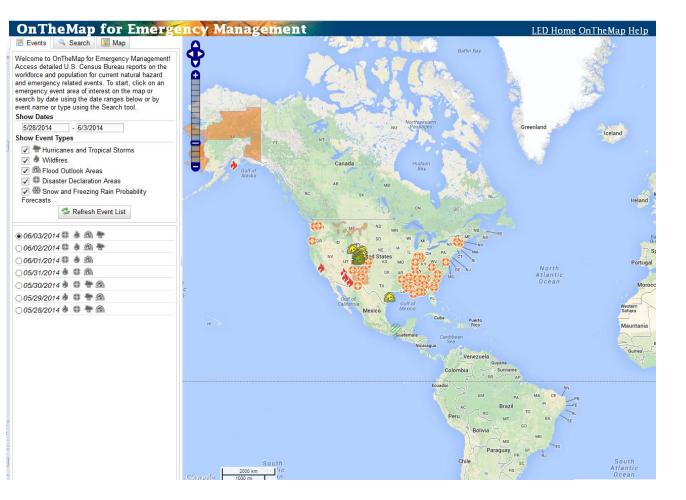


Who Uses Our Data Tools?

- Transportation Planners
- Policy Makers
- City Planners
- State Planners
- Economists
- Emergency Management Professionals

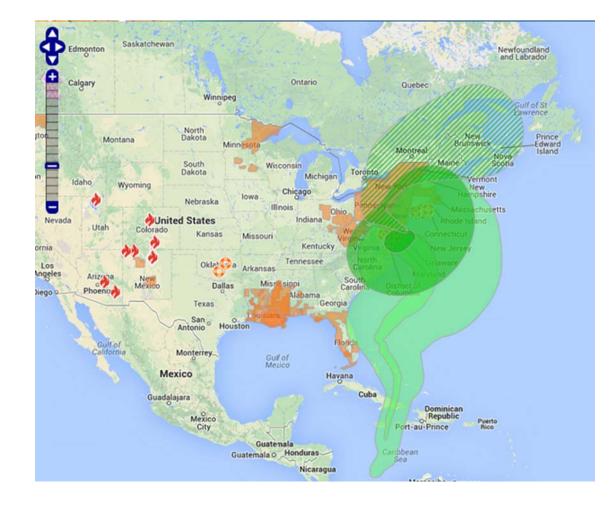


OnTheMap for Emergency Management



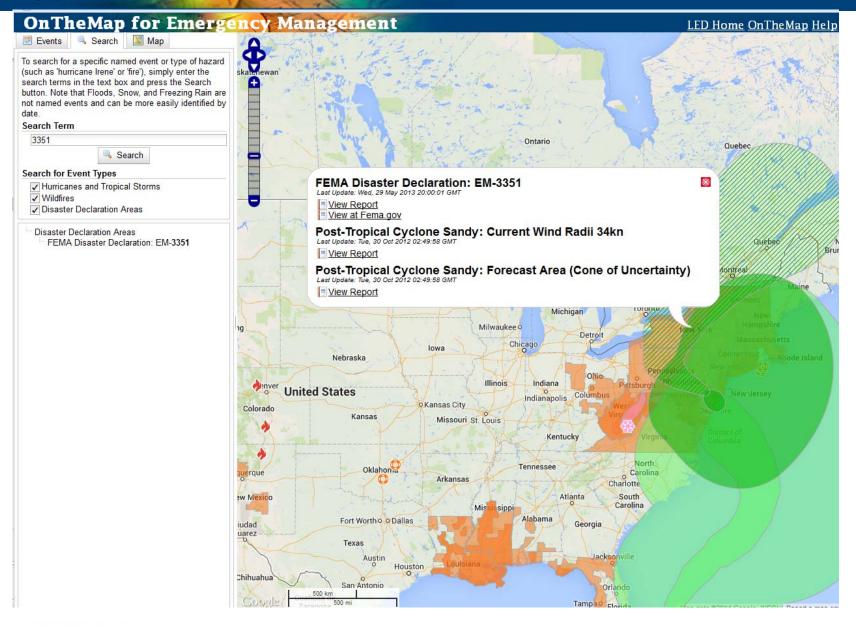


Hurricane Sandy





Local Employment Dynamics





Disaster Declaration

Plan, Prepare & Mitigate	Disaster Survivor Assistance	Response & Recovery	Topics & Audiences	Blog, Newsroom, Videos & Photos	About FEMA
Before, During & After a Disaster	Hurricane Sandy, Apply for Assistance, Disaster Declarations	Tools, Teams, Individual & Public Assistance	Grants, How to Help, Private Sector, Think Tank, Tribal	News Releases, Social Media, Mobile, Data Feeds	Offices, Careers Employee Info, Policies, FAQs
) Disaster Survivor A	ssistance 📏 Disaster Declara	tions 📏 New York Hurricane S	andy (EM-3351)	Follow FEMA:	У f 🛗 🎙
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Designated Areas Disaster Federal Reg Notices	ister The folio assistanc County, C Chemung Blog, and Cortiand	veriod: October 27, 2012 cy Declaration declared o wing counties under PA-B e: Albany County, Allegar Cattaraugus County, Cayu g County, Chenango Cour County, Delaware County	are limited to direct federa ny County, Bronx County, B ga County, Chautauqua C nty, Clinton County, Columb r, Dutchess County, Erie Co	l roome ounty, bia County, bunty, Essex	
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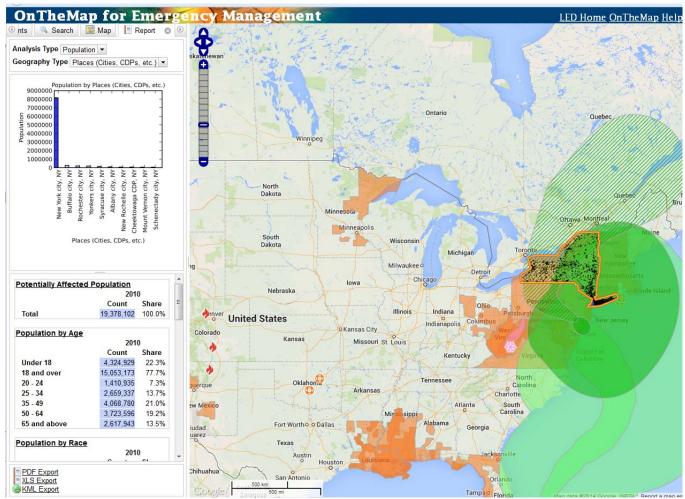
KMZ File

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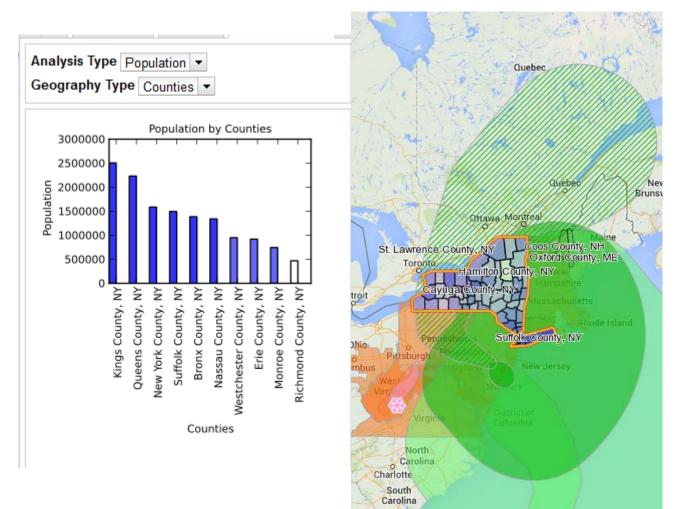
Local Employment Dynamics

New York Hurricane Sandy EM-3351





Geography Type



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Analysis Type - Population

	201	2010	
	Count	Share	
Total	19,378,102	100.0%	
opulation by Age	201	0	
	Count	Share	
Under 18	4,324,929	22.3%	
18 and over	15,053,173	77.7%	
20 - 24	1,410,935	7.3%	
25 - 34	2,659,337	13.7%	
35 - 49	4,068,780	21.0%	
50 - 64	3,723,596	19.2%	
65 and above	2,617,943	13.5%	

Population by Race		
	201	0
	Count	Share
White	12,740,974	65.7%
African American	3,073,800	15.9%
Asian	1,420,244	7.3%
AIAN	106,906	0.6%
NHPI	8,766	0.0%
Some Other Race	1,441,563	7.4%
Two or More Races	585,849	3.0%

Population by Ethnicity			
	2010		
	Count	Share	
Hispanic or Latino	3,416,922	17.6%	
Not Hispanic or Latino	15,961,180	82.4%	
Population by Sex			
	201	0	
	Count	Share	
Male	9,377,147	48.4%	
Female	10.000.955	51.6%	

Housing Units			
	2010		
	Count	Share	
Total Housing	8,108,103	100.0%	
Vacant	790,348	9.7%	
Occupied	7,317,755	90.3%	

Occupied Housing Units			
2010			
Count Share			
Occupied	7,317,755	100.0%	
Owner-Occupied	3,897,837	53.3%	
Renter-Occupied	3,419,918	46.7%	

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Vacant Housing Units		
	2010	
	Count	Share
Vacant	790,348	100.0%
For Rent	200,039	25.3%
For Sale	77,225	9.8%
Occasional Use	289,301	36.6%

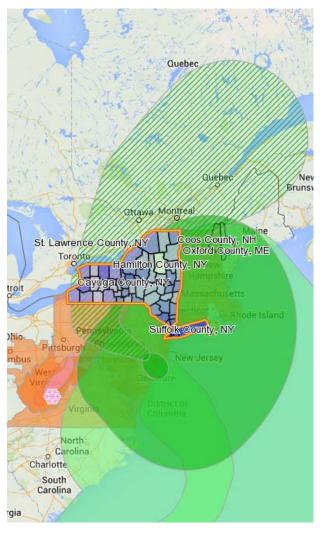
Population by Housing			
	201	0	
	Count	Share	
Owner Occupied Population	10,557,835	54.5%	
Renter Occupied Population	8,234,589	42.5%	

Overlay Legend

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- 4836 8835 People
 8836 68832 People
 68833 328818 People
 328819 1028780 People
- 1028781 2504700 People





Worker Area Profile

All Potentially Affected	Workers		
And Otenhally Aneolee	2011		
	Count	Share	
Total	7,851,517	100.0%	
Workers by Worker Ag			
	201	-	
	Count		
Age 29 or younger	1,789,069	22.8%	
Age 30 to 54	4,460,391	56.8%	
Age 55 or older	1,602,057	20.4%	
Workers by Earnings			
	201	1	
	Count	Share	
\$1,250 per month or less	1,522,856	19.4%	
\$1,251 to \$3,333 per month	2,483,417	31.6%	
More than \$3,333 per month	3,845,244	49.0%	

Workers by NAICS Industry Sector			
	2011		
	Count	Share	
Agriculture, Forestry, Fishing and Hunting	19,412	0.2%	
Mining, Quarrying, and Oil and Gas Extraction	4,140	0.1%	
Utilities	41,349	0.5%	
Construction	275,035	3.5%	
Manufacturing	455,224	5.8%	
Wholesale Trade	328,039	4.2%	
Retail Trade	805,023	10.3%	
Transportation and Warehousing	271,107	3.5%	
Information	248,846	3.2%	
Finance and Insurance	495,637	6.3%	
Real Estate and Rental and Leasing	178,366	2.3%	
Professional, Scientific, and Technical Services	556,705	7.1%	
Management of Companies and Enterprises	132,956	1.7%	
Administration & Support, Waste Management and Remediation	389,511	5.0%	
Educational Services	898,091	11.4%	
Health Care and Social Assistance	1,319,944	16.8%	
Arts, Entertainment, and Recreation	128,474	1.6%	
Accommodation and Food Services	530,828	6.8%	
Other Services (excluding Public Administration)	297,144	3.8%	
Public Administration	475,686	6.1%	

Vorkers by Worker Rad	Vorkers by Worker Race			
	2011			
	Count Share			
White Alone	5,939,786	75.7%		
Black or African American Alone	1,175,715	15.0%		
American Indian or Alaska Native Alone	40,437	0.5%		
Asian Alone	581,339	7.4%		
Native Hawaiian or Other Pacific Islander Alone	9,775	0.1%		
Two or More Race Groups	104,465	1.3%		

Workers by Worker Ethnicity

	2011	
	Count	Share
Not Hispanic or Latino	6,808,068	86.7%
Hispanic or Latino	1,043,449	13.3%

Workers by Worker Educational Attainment

	2011			
	Count	Share		
Less than high school	629,822	8.0%		
High school or equivalent, no college	1,369,774	17.4%		
Some college or Associate degree	1,803,949	23.0%		
Bachelor's degree or advanced degree	2,258,903	28.8%		
Workers by Worker Sex				

	 2011	
	Count	Share
Male	3,861,004	49.2%
Female	3,990,513	50.8%

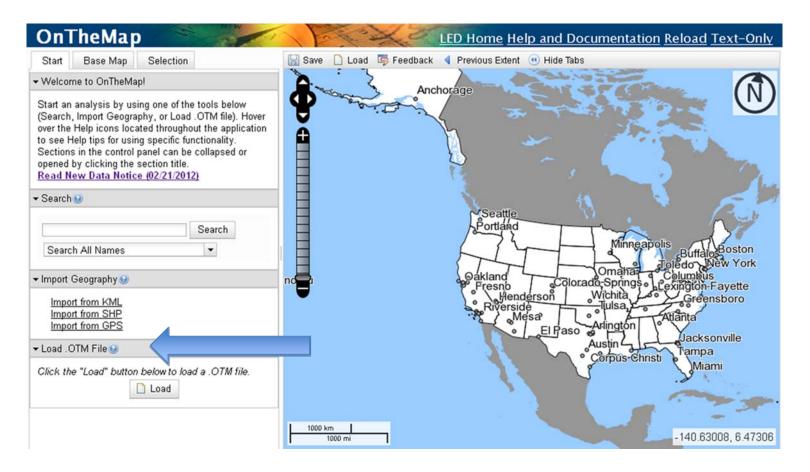
Overlay Legend

1217 - 4493 Workers

🔲 4494 - 53644 Workers

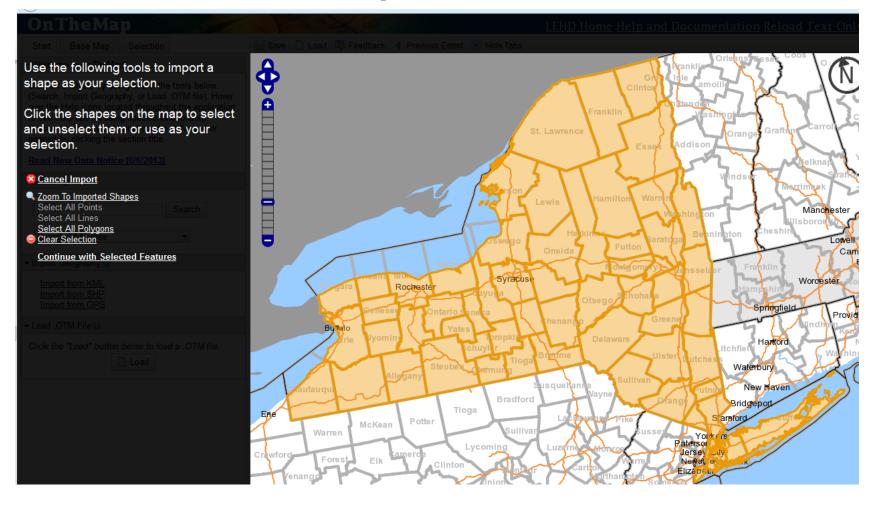


Import from KML



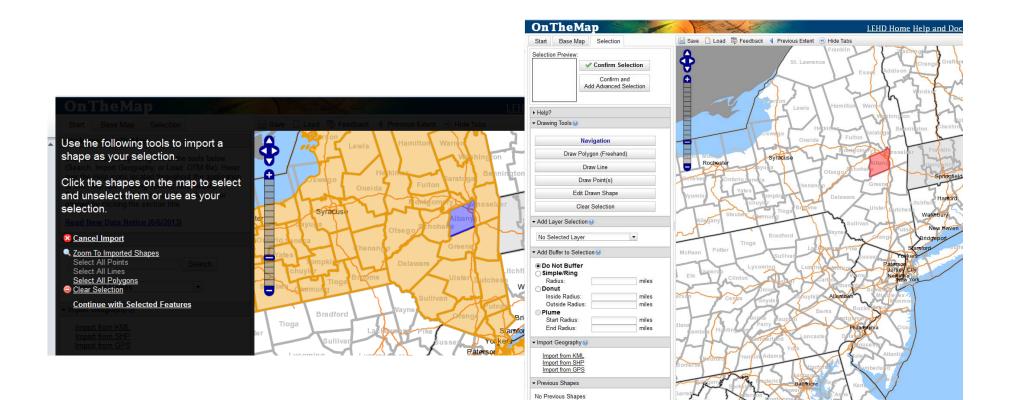


Import KMZ





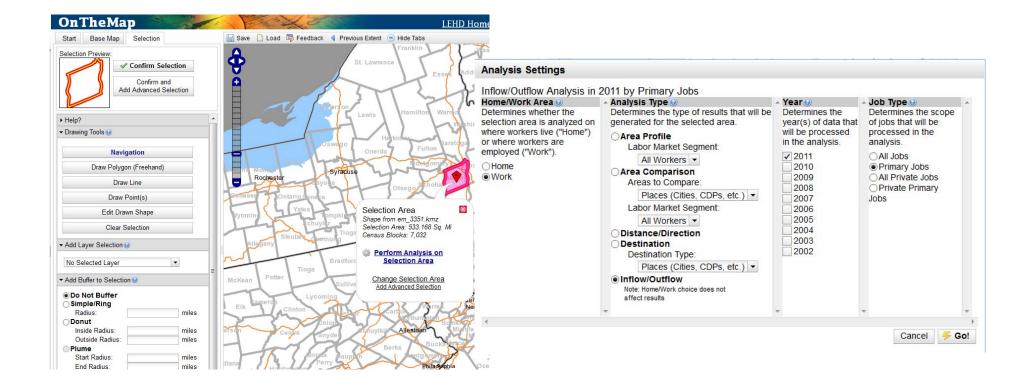
Imported Shapes





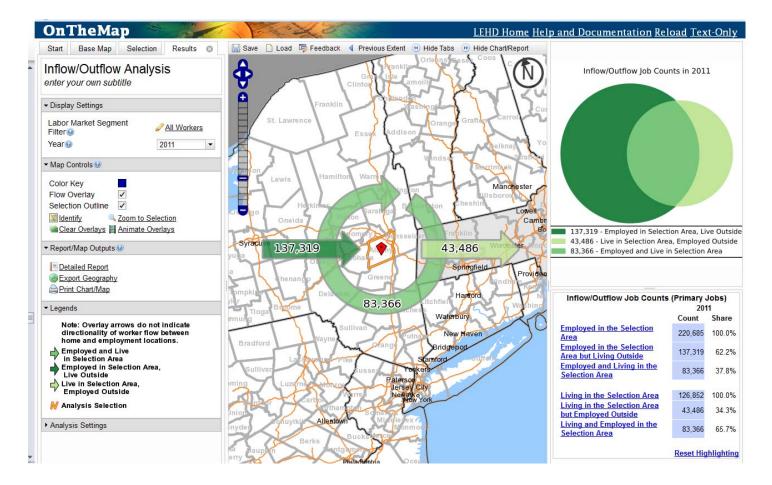
Local Employment Dynamics

Perform Analysis



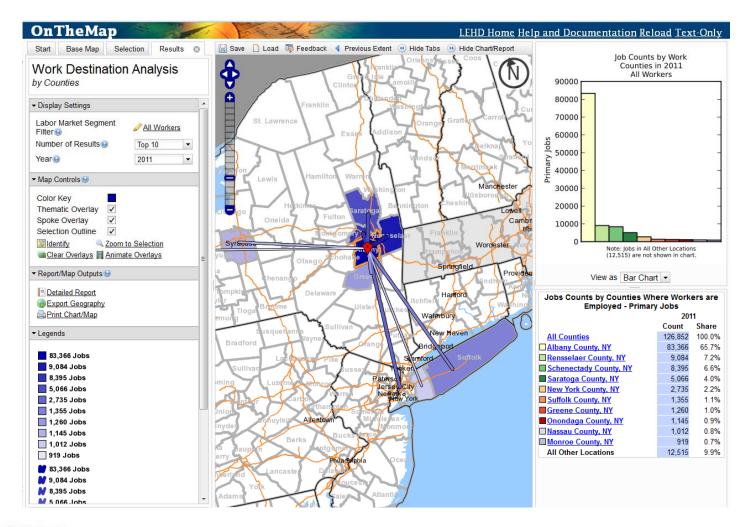


Inflow/Outflow Analysis



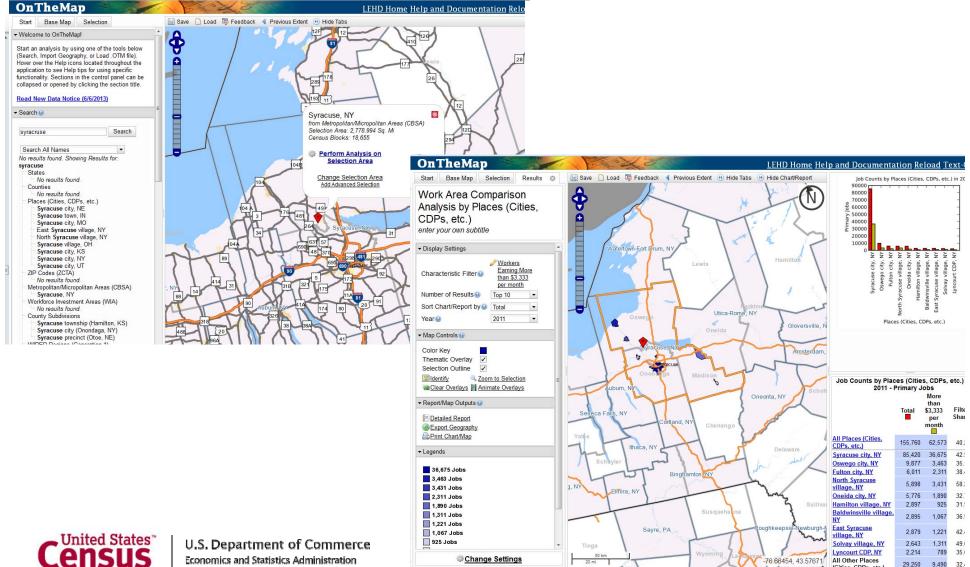


Area Profile





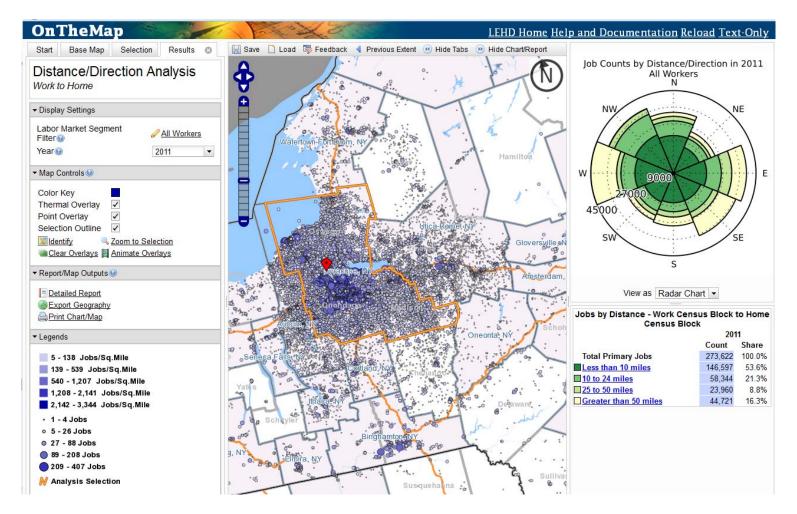
Area Comparison



Bureau

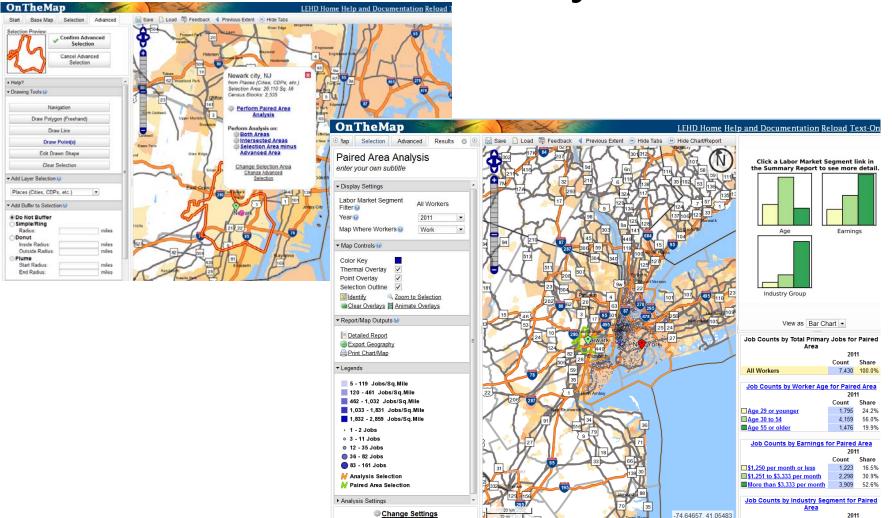
U.S. CENSUS BUREAU

Distance/Direction



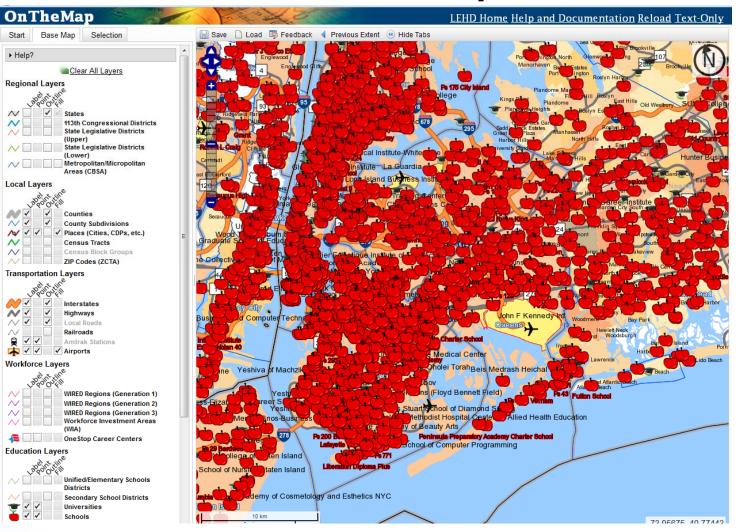


Paired Analysis



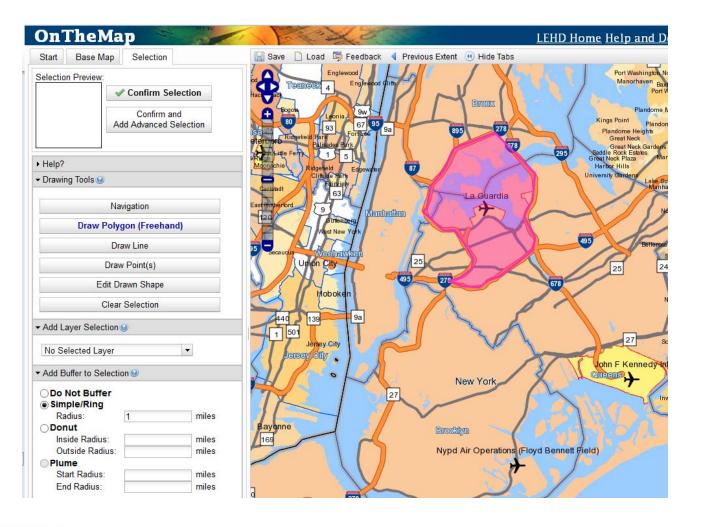


Base Map



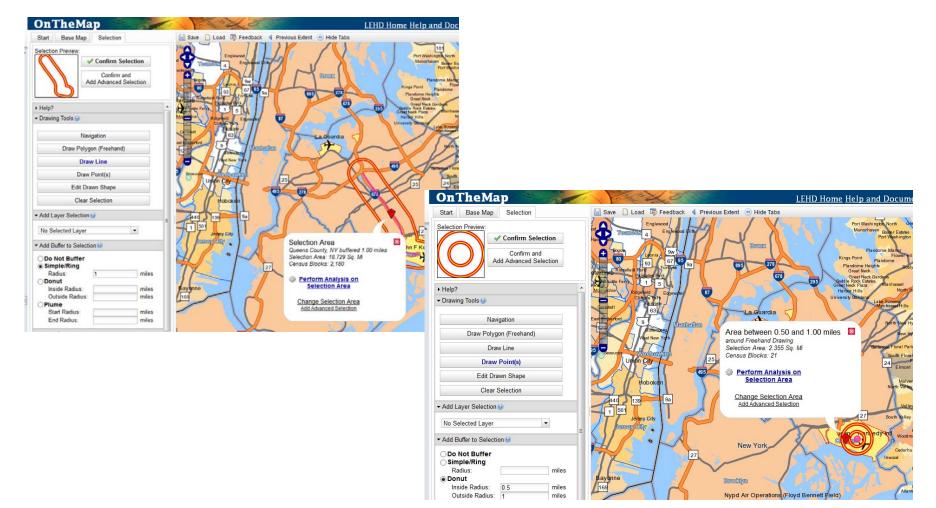


Drawing Tools





Buffer





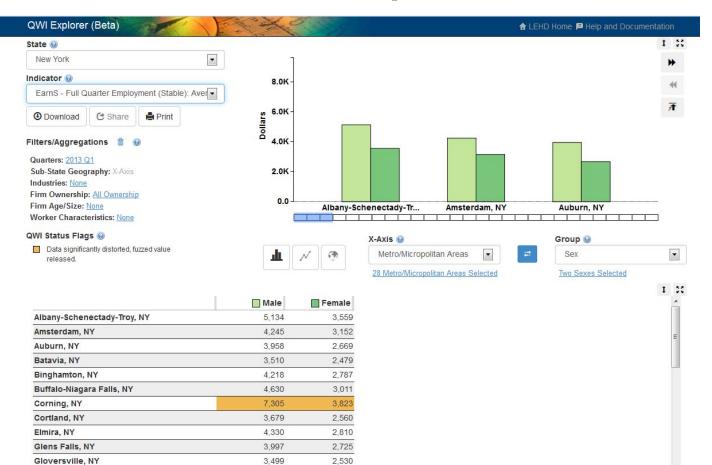
Local Employment Dynamics

LED Extraction Tool

1. Geography 2. Firm Characteristics 3. Worke	Characteristics 4. Indicators	5. Quarters 6. Summary and Export
State 😡	New York	
Search: 🖉 🛷		/Micropolitan Areas: 28, Workforce Investment Areas: 33
ndiana	Geography Type 😡	Areas 😣
owa		Search:
(ansas	<u>States</u>	Check All Check None Invert Selection
	Counties	✓ 36 New York
<u>Centucky</u>	Micro/Metropolitan Areas	🔪 🗹 3610580 Albany-Schenectady-Troy, NY
ouisiana	Micro/Metropolitan Areas	✓ 3611220 Amsterdam, NY
	Workforce Investment Areas	3612180 Auburn, NY
<u>Maine</u>		3612860 Batavia, NY
flaryland		✓ 3613780 Binghamton, NY
-		 ✓ 3615380 Buffalo-Niagara Falls, NY ✓ 3618500 Corning, NY
<u>Aichigan</u>		✓ 3618660 Cortland, NY
/innesota		✓ 3621300 Elmira, NY
		✓ 3624020 Glens Falls, NY
<u>Aississippi</u>		✓ 3624100 Gloversville, NY
<u>Aissouri</u>		3626460 Hudson, NY
		✓ 3627060 lthaca, NY
Montana	E	✓ 3627460 Jamestown-Dunkirk-Fredonia, NY
lebraska		 ✓ 3628740 Kingston, NY ✓ 3631660 Malone, NY
		✓ 3635620 New York-Northern New Jersey-Long Island, NY-NJ-PA (NY part)
<u>Vevada</u>		✓ 3636300 Ogdensburg-Massena, NY
Vew Hampshire		✓ 3636460 Olean, NY
In the second		✓ 3636580 Oneonta, NY
<u>Vew Jersey</u>		✓ 3638460 Plattsburgh, NY
New Mexico		✓ 3639100 Poughkeepsie-Newburgh-Middletown, NY
		✓ 3640380 Rochester, NY
<u>lew York</u>		 ✓ 3642900 Seneca Falls, NY ✓ 3645060 Syracuse, NY
North Carolina		 ✓ 3645540 Utica-Rome, NY
lath Daketa		✓ 3648060 Watertown-Fort Drum, NY
North Dakota		✓ 3699999 Nonmetropolitan, nonmicropolitan
Dhio		
Dklahoma		



QWI Explorer



2.756

3,569

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Hudson, NY

OnTheMap for Emergency Management Version 4



Thank You!

- Please submit feedback to <u>CES.Local.Employment.Dynamics@census.</u> gov
- Questions?

