Local Employment Dynamics Training

October 2014

Earlene Dowell
Longitudinal Employer-Household Dynamics
U.S. Census Bureau

LED Training Goals

- This training will include several topics:
  - Basic overview of LEHD program and the QWI and LODES dataset
  - Hands-on demonstrations of new data tools for accessing the QWI: LED Extraction Tool and QWI Explorer
  - Overview and demonstration of OnTheMap and the new OnTheMap for Emergency Management Application

LED Vs. LEHD

- LED: Local Employment Dynamics
  - Partnership between Census and States
  - States voluntarily submit quarterly data (UI Wage Records and QCEW reports)
  - Census processes and develops public use products
- LEHD: Longitudinal Employer-Household Dynamics
  - Public data products
  - Quarterly Workforce Indicators (QWI) - QWI Explorer and LED Extraction Tool
  - LEHD Origin Destination Employee Statistics (LODES) – OnTheMap and OnTheMap for Emergency Management
  - More in pipeline

Reference Materials

- QWI 101
  - Introduction to development and use of QWI
  - Excellent reference for new users
  - http://lehd.ces.census.gov/doc/QWI_101.pdf
- "The LEHD Infrastructure Files and the Creation of the Quarterly Workforce Indicators"
  - Detailed methodology, intended for advanced users
  - http://lehd.ces.census.gov/doc/technical_paper/tp-2006-01.pdf

Where to Find LED Data

- Census Website
  - Longitudinal Employer-Household Dynamics Program
  - http://lehd.ces.census.gov/data/
  - Variety of tools for accessing the data

Primary Unit of Analysis: Job

- Definition:
  - A "job" is an association of specific individual with specific employer and location in a given year/quarter
  - An individual may have multiple jobs within a quarter
    - The "primary job" (job with greatest earnings) is not defined separately in QWI, though it does appear in OnTheMap
- The job is the basic unit of analysis within the LEHD Infrastructure
  - In contrast, most other surveys and censuses are either household-based (ACS, CPS, Decennial Census) or employer-based (QCEW, Current Employment Statistics, etc)
  - Advantage of job-based frame – can produce tabulations by both worker **and** firm characteristics

Core Data Input: UI Earnings Records

- UI = Unemployment Insurance
- Record of individual earnings for covered jobs
  - These are the wage records, not UI claims data
- Collected for operation of state UI program
  - UI benefits are based on historical earnings
- Includes:
  - **Total** quarterly earnings for each job
  - Firm identified by State UI Account number (SEIN)
  - Worker identified by Protected Identification Key (PIK)
    - Census identifier based on SSN

Job Coverage in UI Earnings Data

- Most private sector jobs covered
  - For-profit and not-for-profit classified together (as per QCEW standard)
- State and local government also in system, though some reporting inconsistencies
- Federal data not available in QWI
  - Data based on Office of Personnel Management (OPM) under development for QWI (have been incorporated into LODES)
- Self-employed not available
  - Data derived from tax records under development
- Massachusetts data not available yet

Additional Data Inputs

- UI wage records are linked to a variety of other data sources
- Sources of establishment information:
  - Quarterly Census of Employment and Wages (QCEW)
  - Business Dynamics Statistics (BDS)
- Sources of demographic information:
  - Decennial Census
  - Federal Tax Records
  - Social Security Administration Records
  - Other census and administrative records
- This additional information enables tabulations by detailed worker and firm characteristics

LEHD Processing: Merging Data

Quarterly Census of Employment and Wages (QCEW)

Employer and Establishment (Single/Multi-unit)

Geography
Industry
Ownership

UI Account Number (SEIN)

Unemployment Insurance Earnings Records

Employer-Worker
(most states)
OR
Establishment-Worker
(Minnesota only)

Earnings
Job history

Federal EIN

Business Dynamics Statistics (BDS)

Firm age and size

PIK (encoded SSN)

Census, Surveys, Other Administrative Records

Demographics
Place of Residence

QWI

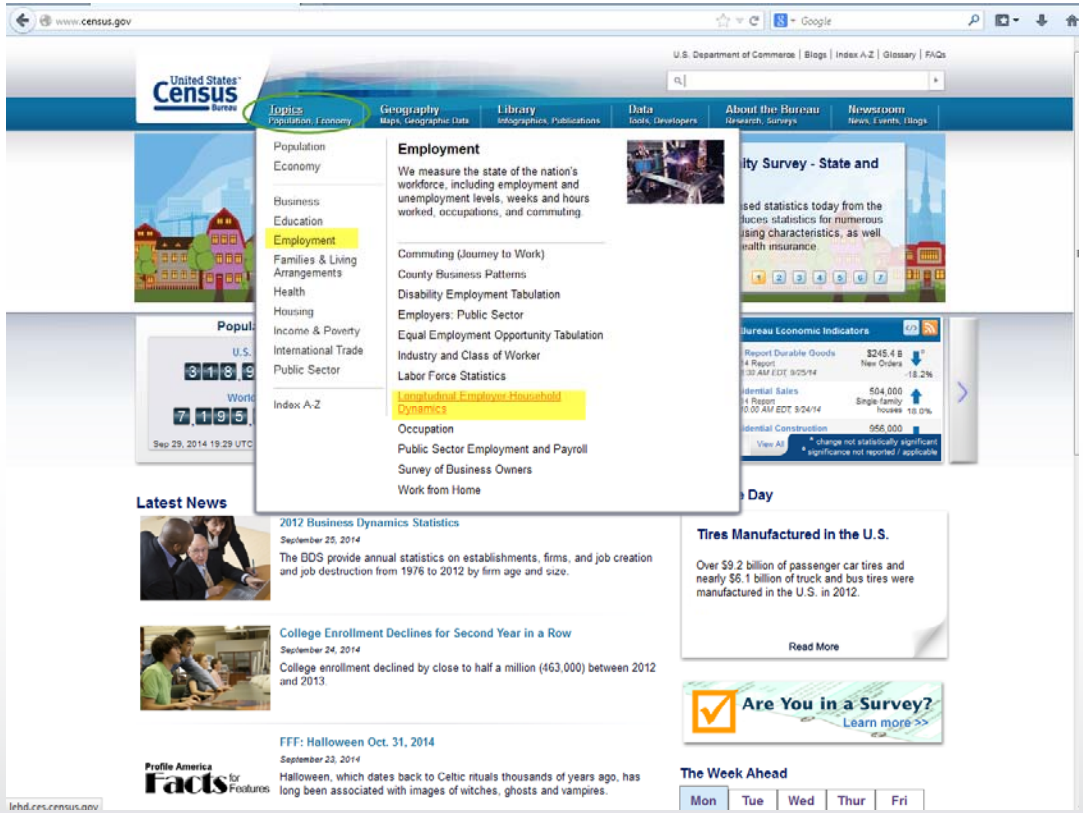
- The QWI provide 32 measures of employment counts, employment flows, and earnings
- By linking to a variety of data sources, the QWI can be tabulated by detailed geography, firm characteristics and worker demographics
- The LEHD program has developed multiple web-based tools for accessing the QWI. These will be demonstrated in this session.

- Contact us: ces.qwi.feedback@census.gov

QWI Measures

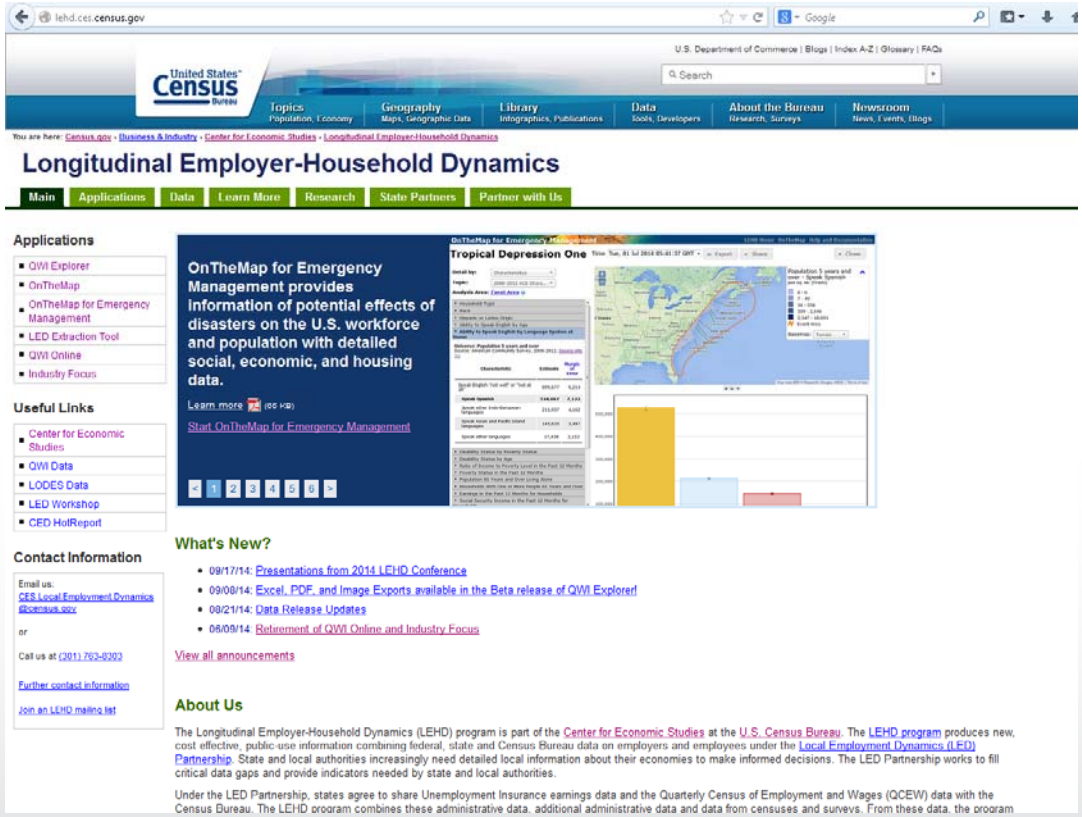
- The QWI public use data includes 32 measures
  - Employment
    - Counts of jobs (Individual)
    - Hiring and Separation counts and rates (Individual)
    - Job Creation and Destruction (Firm/Establishment)
  - Earnings
    - Average earnings for selected job histories
    - Total earnings
  - Public use files and web-based applications are organized by state (national QWI are currently being developed)

Live Demo



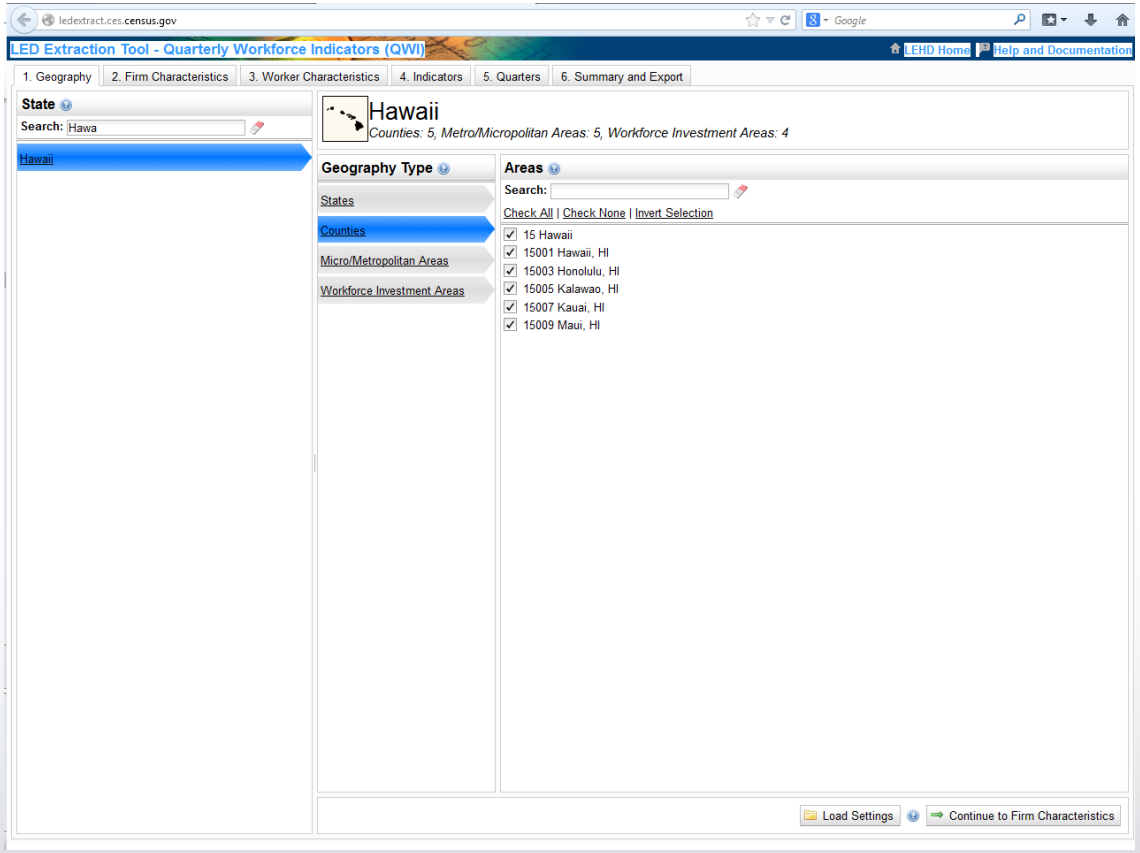
WWW.CENSUS.GOV

LEHD

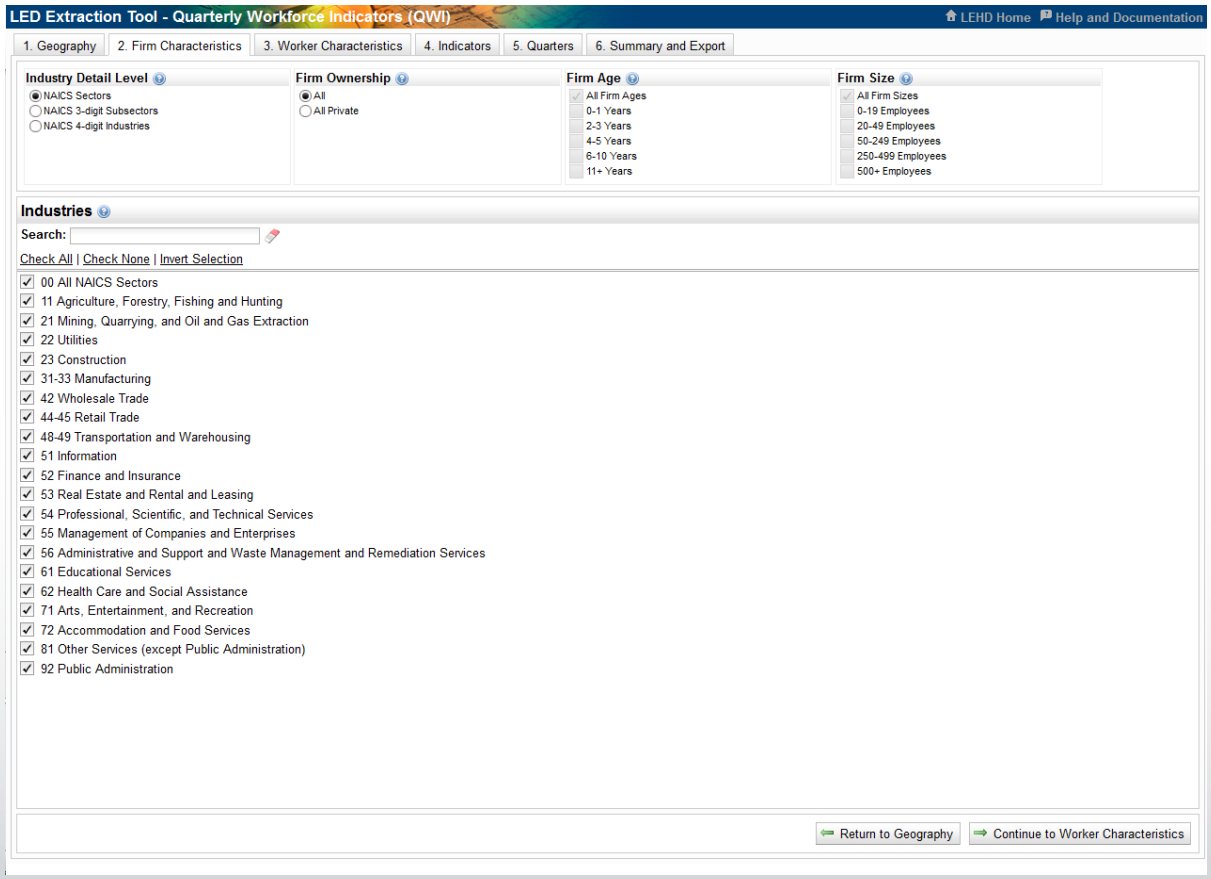


www.lehd.ces.census.gov

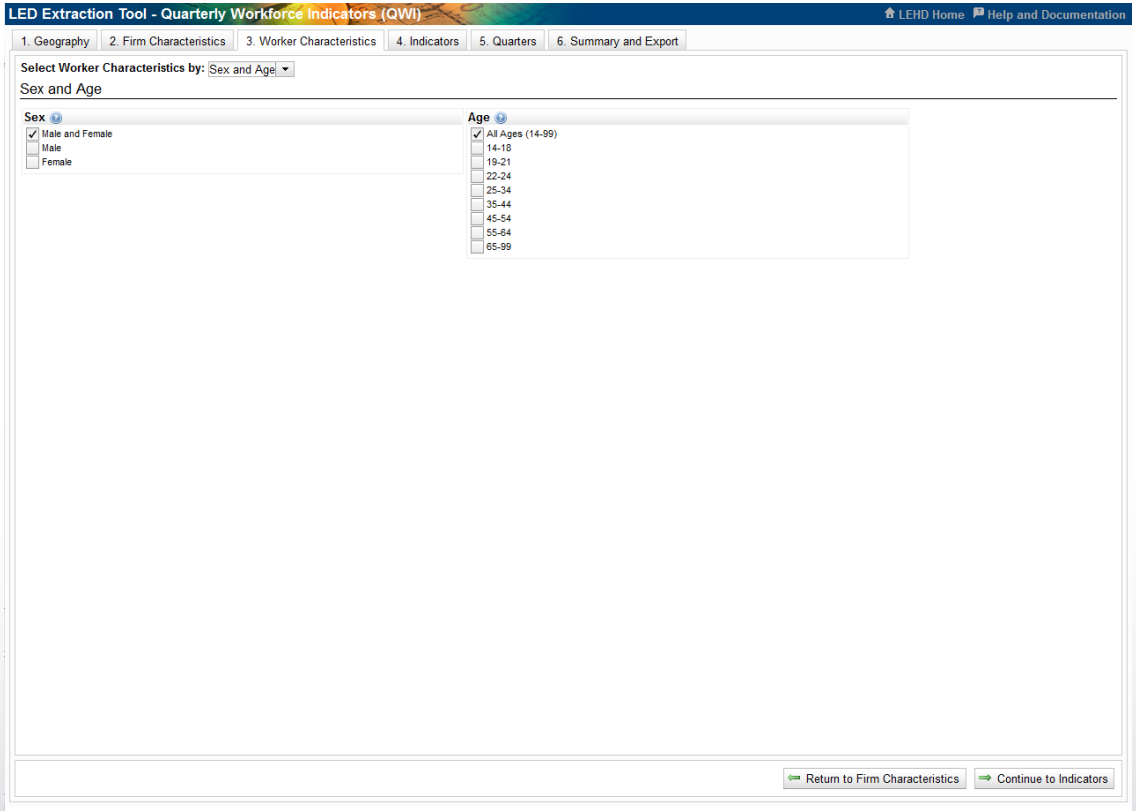
LED Extraction Tool



Firm Characteristics



Worker Characteristics



Firm Indicators

LEHD Extraction Tool - Quarterly Workforce Indicators (QWI)

LEHD Home | Help and Documentation

1. Geography | 2. Firm Characteristics | 3. Worker Characteristics | 4. Indicators | 5. Quarters | 6. Summary and Export

Select one of more **Quarterly Workforce Indicators** by clicking the checkboxes below. The set of currently selected indicators can be seen in the column to the right. To open or collapse one of the four indicator categories, simply click the text of the category heading. Standard and Technical Descriptions for each indicator can be displayed by clicking the checkboxes at the bottom of the page. For more information about the indicators, please see the QWI 101 [, 203k] document.

Employment

☑ Emp **Beginning of Quarter Employment: Counts**	Estimate of the total number of jobs on the first day of the reference quarter. Beginning-of-quarter employment counts are similar to point-in-time employment measures, such as the QCEW (see: www.bls.gov/cew/).
☐ EmpEnd **End of Quarter Employment: Counts**	Estimate of the number of jobs on the last day of the quarter.
☐ EmpS **Full-Quarter Employment (Stable): Counts**	Estimate of stable jobs, i.e., the number of jobs that are held on both the first and last day of the quarter with the same employer. This is often, but not necessarily, the same as being employed for a full quarter (e.g., an on-call substitute teacher may have earnings in each of three consecutive quarters, but intermittently).
☐ EmpSpv **Full-Quarter Employment in the Previous Quarter: Counts**	Estimate of stable jobs in the quarter before the reference quarter. This measure is provided for certain special-purpose analyses.
☐ EmpTotal **Employment - Reference Quarter: Counts**	This is a count of people employed in a firm at any time during the quarter. It is not a count of jobs. This measure may also be referred to as "flow" employment.

Employment Change, Individual

Employment Change, Firm

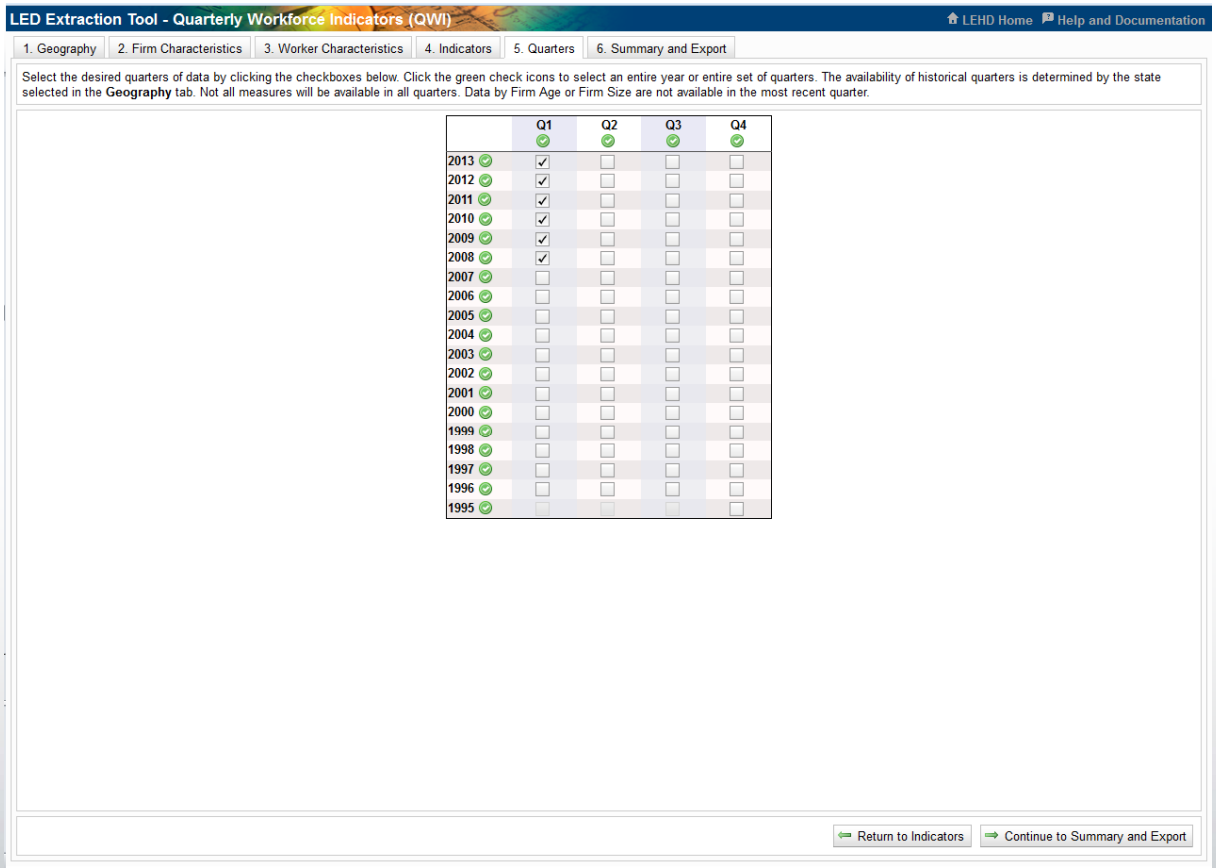
Earnings

Selected Indicators
Emp

☑ Show Descriptions ☐ Show Technical Descriptions

Return to Worker Characteristics | Continue to Quarters

Quarters


LED Extraction Tool - Quarterly Workforce Indicators (QWI)
LEHD Home
Help and Documentation
1. Geography
2. Firm Characteristics
3. Worker Characteristics
4. Indicators
5. Quarters
6. Summary and Export
Select the desired quarters of data by clicking the checkboxes below. Click the green check icons to select an entire year or entire set of quarters. The availability of historical quarters is determined by the state selected in the Geography tab. Not all measures will be available in all quarters. Data by Firm Age or Firm Size are not available in the most recent quarter.
Q1
Q2
Q3
Q4
2013
2012
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
2001
2000
1999
1998
1997
1996
1995
Return to Indicators
Continue to Summary and Export

Summary Export

LED Extraction Tool - Quarterly Workforce Indicators (QWI)

LEHD Home | Help and Documentation

1. Geography | 2. Firm Characteristics | 3. Worker Characteristics | 4. Indicators | 5. Quarters | 6. Summary and Export

Estimated Results Size

Number of Rows: 800
Size of CSV: Less than a Megabyte.
Size of ZIP: Less than a Megabyte.
Run Time: Less than a Minute.

Submit Request | Cancel Request

Include Labels

Including labels will dramatically increase processing time and file size.

Email results:

Request Progress

Click "Submit Request" to send your request to the server.

Submission → Waiting → Processing → Finished

Additional Information

Basic QWI Information
QWI Data Schema [, 196k]
QWI 101 [, 203k]

Comprehensive QWI Information
Detailed QWI Definitions [, 272k]
The LEHD Infrastructure Files and the Creation of the Quarterly Workforce Indicators document [, 768k]

Data Notices/Updates
QWI Data Vintage Notices [, 166k]
QWI Restructuring [, 100k]
Firm Age/Size Release Notice [, 95k]

For more information, go to LED Extraction Tool Help and Documentation.

Current Request ID:

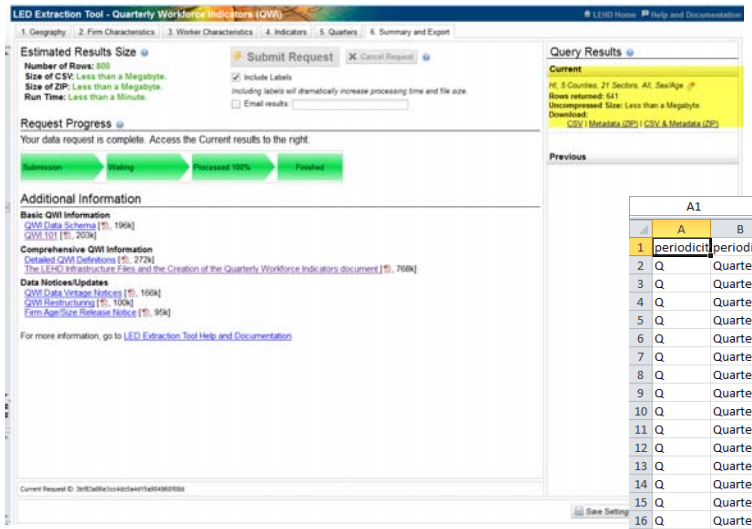
Query Results

Current

Previous

Save Settings | Return to Quarters

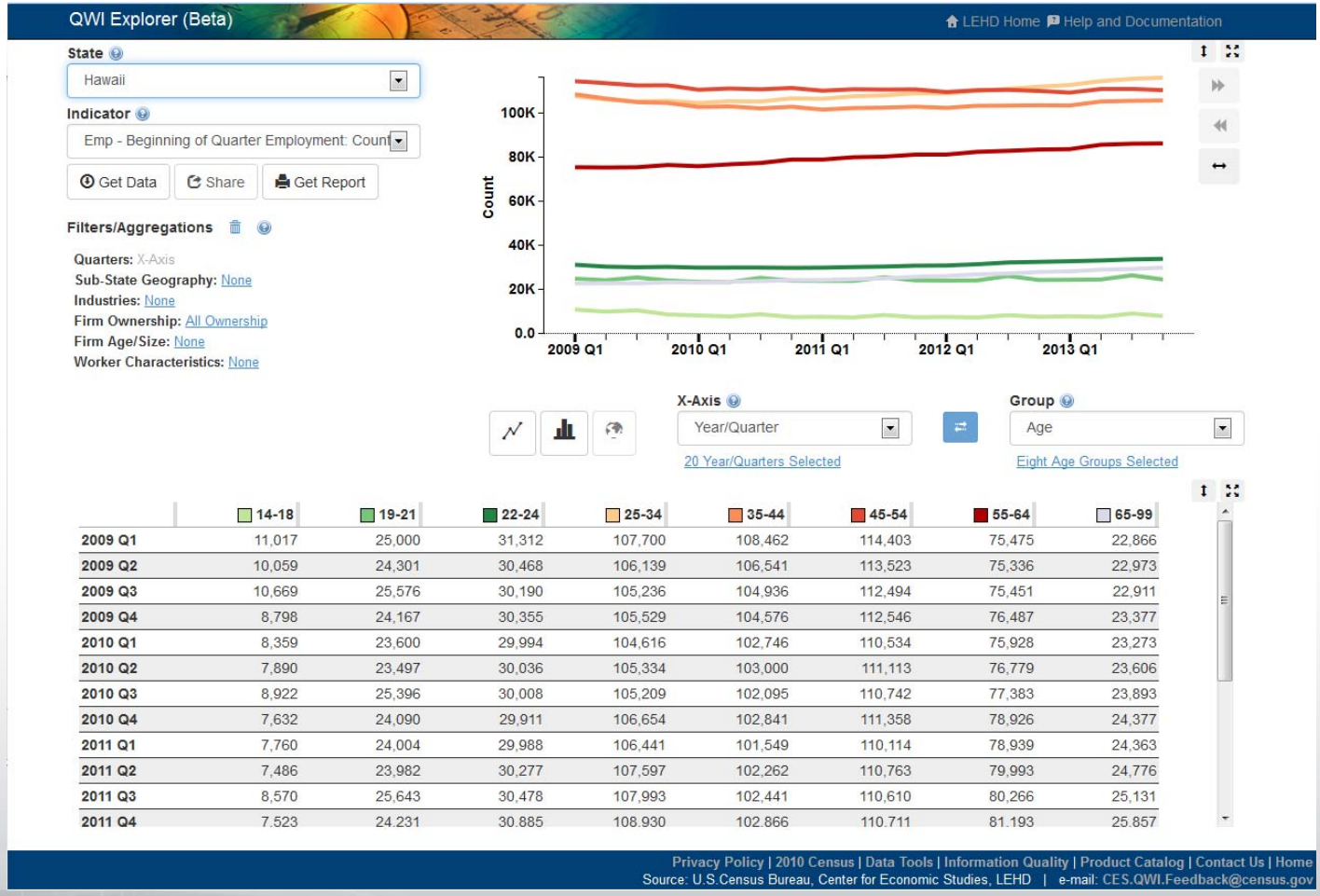
CSV



A1 periodicity

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	periodicit	periodicit	seasonadj	seasonadj	geo_level	geo_level	geograph	geograph	ind_level	ind_level	industry	industry_l	ownercod	ownercod	sex	sex_label	agegrp	agegrp_la	race
2	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	A	All Indusi	0	All NAICS	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
3	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	11	Agricultur	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
4	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	21	Mining, Q	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
5	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	22	Utilities	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
6	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	23	Constructi	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
7	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	31-33	Manufacti	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
8	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	42	Wholesal	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
9	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	44-45	Retail Tra	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
10	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	48-49	Transport	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
11	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	51	Informati	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
12	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	52	Finance a	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
13	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	53	Real Estat	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
14	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	54	Professio	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
15	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	55	Managem	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
16	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	56	Administr	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
17	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	61	Education	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
18	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	62	Health Ca	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
19	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	71	Arts, Ente	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
20	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	72	Accommo	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
21	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	81	Other Ser	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
22	Q	Quarterly	U	Not seaso	C	Counties	15001	Hawaii, HI	S	NAICS Sec	92	Public Ad	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
23	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, A		All Indusi	0	All NAICS	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
24	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	11	Agricultur	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
25	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	21	Mining, Q	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
26	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	22	Utilities	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
27	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	23	Constructi	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
28	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	31-33	Manufacti	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
29	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	42	Wholesal	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
30	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	44-45	Retail Tra	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
31	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	48-49	Transport	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
32	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	51	Informati	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
33	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	52	Finance a	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
34	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	53	Real Estat	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
35	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	54	Professio	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
36	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	55	Managem	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
37	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	56	Administr	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
38	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	61	Education	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
39	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	62	Health Ca	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
40	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	71	Arts, Ente	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
41	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	72	Accommo	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0
42	Q	Quarterly	U	Not seaso	C	Counties	15003	Honolulu, S		NAICS Sec	81	Other Ser	A00	All (1-5)	0	All Sexes	A00	All Ages (:	A0

QWI Explorer

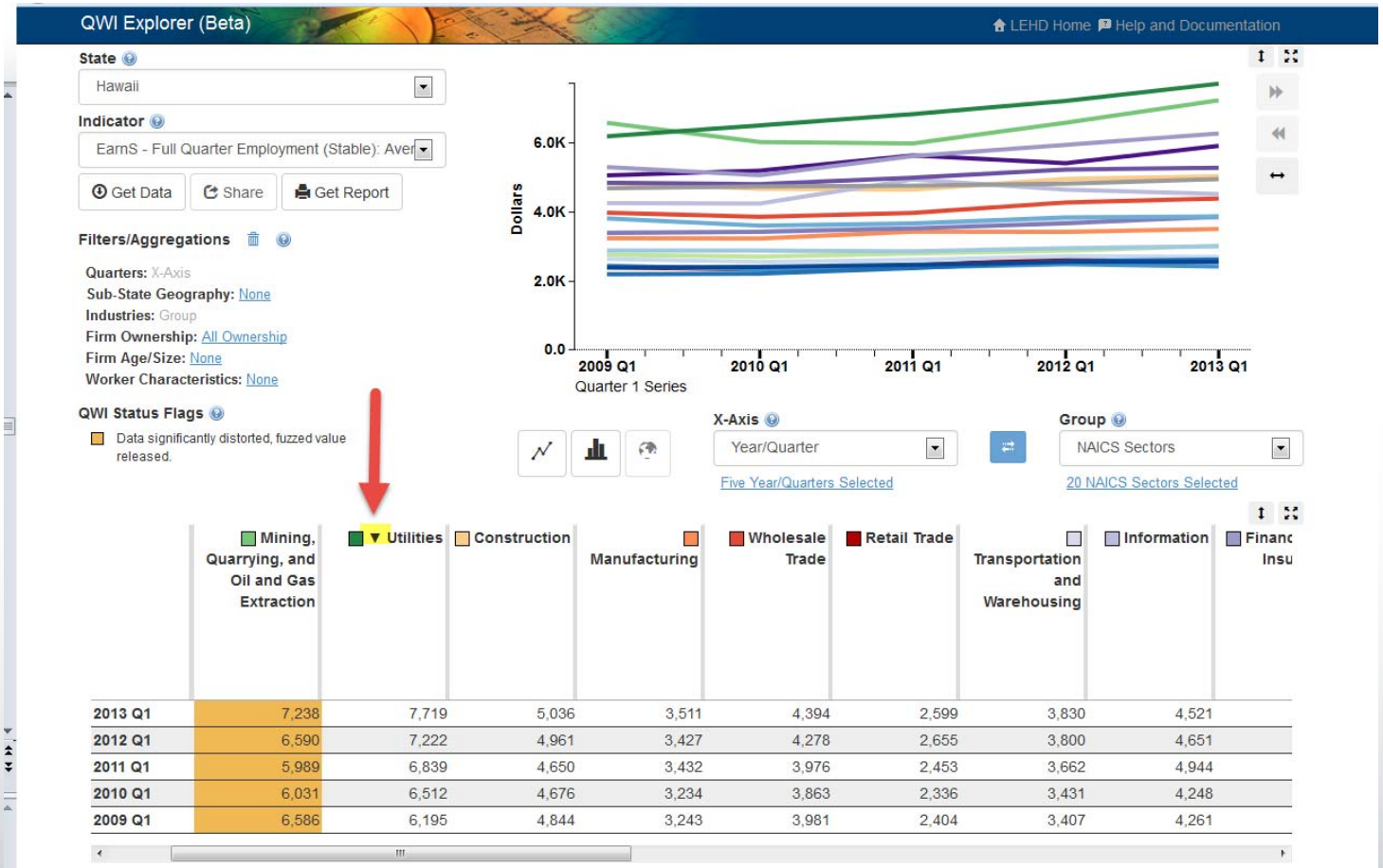


	14-18	19-21	22-24	25-34	35-44	45-54	55-64	65-99
2009 Q1	11,017	25,000	31,312	107,700	108,462	114,403	75,475	22,866
2009 Q2	10,059	24,301	30,468	106,139	106,541	113,523	75,336	22,973
2009 Q3	10,669	25,576	30,190	105,236	104,936	112,494	75,451	22,911
2009 Q4	8,798	24,167	30,355	105,529	104,576	112,546	76,487	23,377
2010 Q1	8,359	23,600	29,994	104,616	102,746	110,534	75,928	23,273
2010 Q2	7,890	23,497	30,036	105,334	103,000	111,113	76,779	23,606
2010 Q3	8,922	25,396	30,008	105,209	102,095	110,742	77,383	23,893
2010 Q4	7,632	24,090	29,911	106,654	102,841	111,358	78,926	24,377
2011 Q1	7,760	24,004	29,988	106,441	101,549	110,114	78,939	24,363
2011 Q2	7,486	23,982	30,277	107,597	102,262	110,763	79,993	24,776
2011 Q3	8,570	25,643	30,478	107,993	102,441	110,610	80,266	25,131
2011 Q4	7,523	24,231	30,885	108,930	102,866	110,711	81,193	25,857

Industries

	Retail Trade	Transportation and Warehousing	Information	Finance and Insurance	Real Estate and Rental and Leasing	Professional, Scientific, and Technical Services	Management of Companies and Enterprises	Administrative and Support and Waste Management and Remediation Services	Educa Ser
2009 Q1	67,527	25,976	9,883	16,265	11,658	25,335	8,053	43,004	
2010 Q1	66,517	24,987	10,078	15,582	11,444	24,309	7,544	41,453	
2011 Q1	66,713	25,401	10,205	15,255	11,318	24,469	7,621	43,611	
2012 Q1	67,811	25,544	9,652	15,080	11,247	24,205	7,899	46,318	
2013 Q1	69,229	26,629	9,915	15,070	11,352	24,227	8,533	47,391	

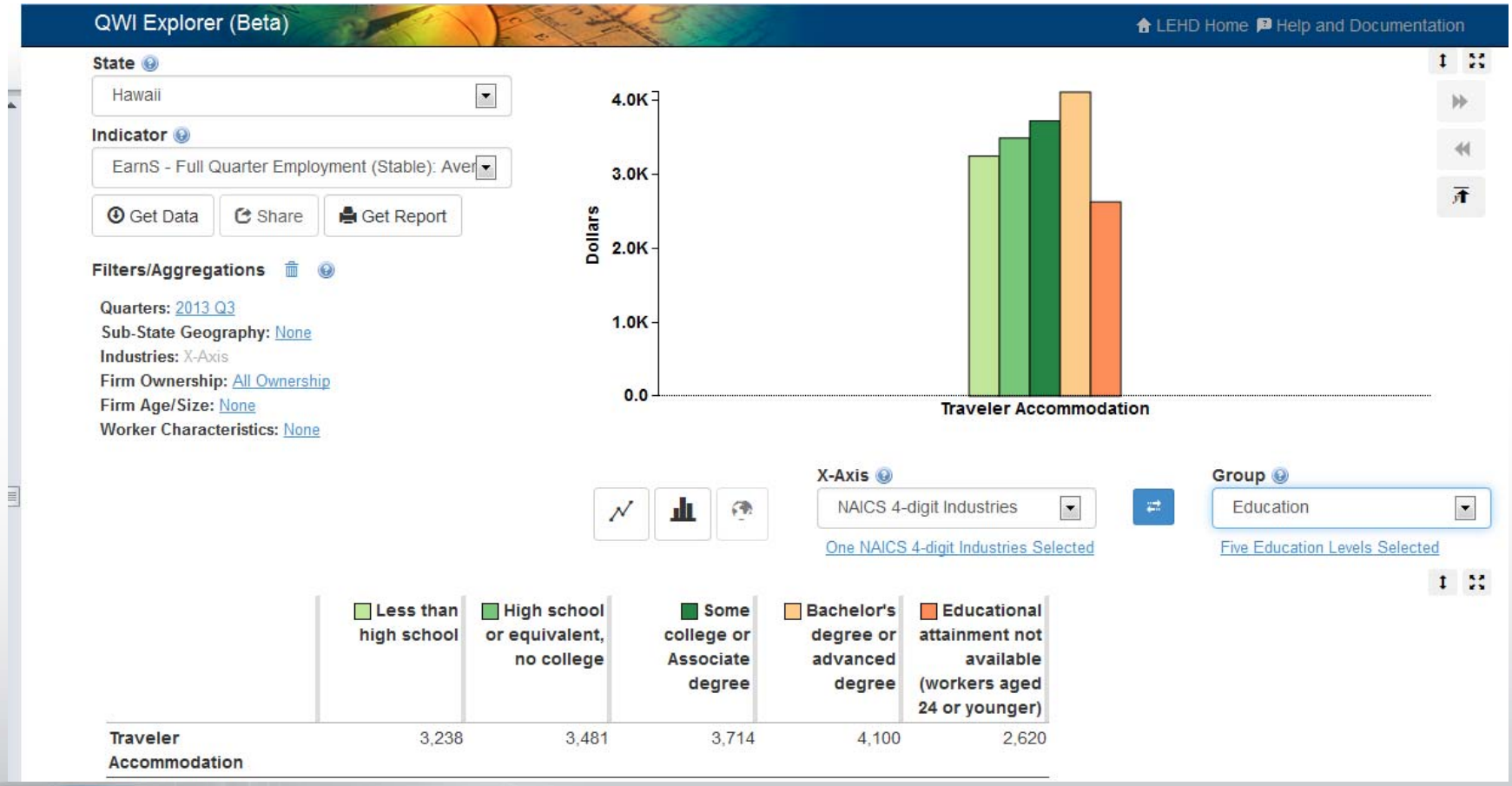
Monthly Earnings



	Mining, Quarrying, and Oil and Gas Extraction	Utilities	Construction	Manufacturing	Wholesale Trade	Retail Trade	Transportation and Warehousing	Information	Financ Insu
2013 Q1	7,238	7,719	5,036	3,511	4,394	2,599	3,830	4,521	
2012 Q1	6,590	7,222	4,961	3,427	4,278	2,655	3,800	4,651	
2011 Q1	5,989	6,839	4,650	3,432	3,976	2,453	3,662	4,944	
2010 Q1	6,031	6,512	4,676	3,234	3,863	2,336	3,431	4,248	
2009 Q1	6,586	6,195	4,844	3,243	3,981	2,404	3,407	4,261	

Settings Conflict

NAICS - 7211



	Less than high school	High school or equivalent, no college	Some college or Associate degree	Bachelor's degree or advanced degree	Educational attainment not available (workers aged 24 or younger)
Traveler Accommodation	3,238	3,481	3,714	4,100	2,620

Calculate Percentage

	All Races	White Alone	Black or African American Alone	American Indian or Alaska Native Alone	Asian Alone	Native Hawaiian or Other Pacific Islander Alone	Two or More Race Groups
Utilities	7,323	7,560	6,406	6,331	7,469	6,800	7,056
Mining, Quarrying, and Oil and Gas Extraction	7,188	7,541			7,243	7,155	6,980
Professional, Scientific, and Technical Services	5,390	6,287	5,392	4,840	5,131	4,403	4,415
Finance and Insurance	5,343	6,729	4,457	4,407	5,262	4,280	4,486
Construction	5,304	5,552	4,090	4,814	5,523	4,738	4,930
Public Administration	5,094	5,068	5,339	4,386	5,177	4,859	5,070
Management of Companies and Enterprises	5,047	6,714	3,665	5,035	4,877	3,904	4,029

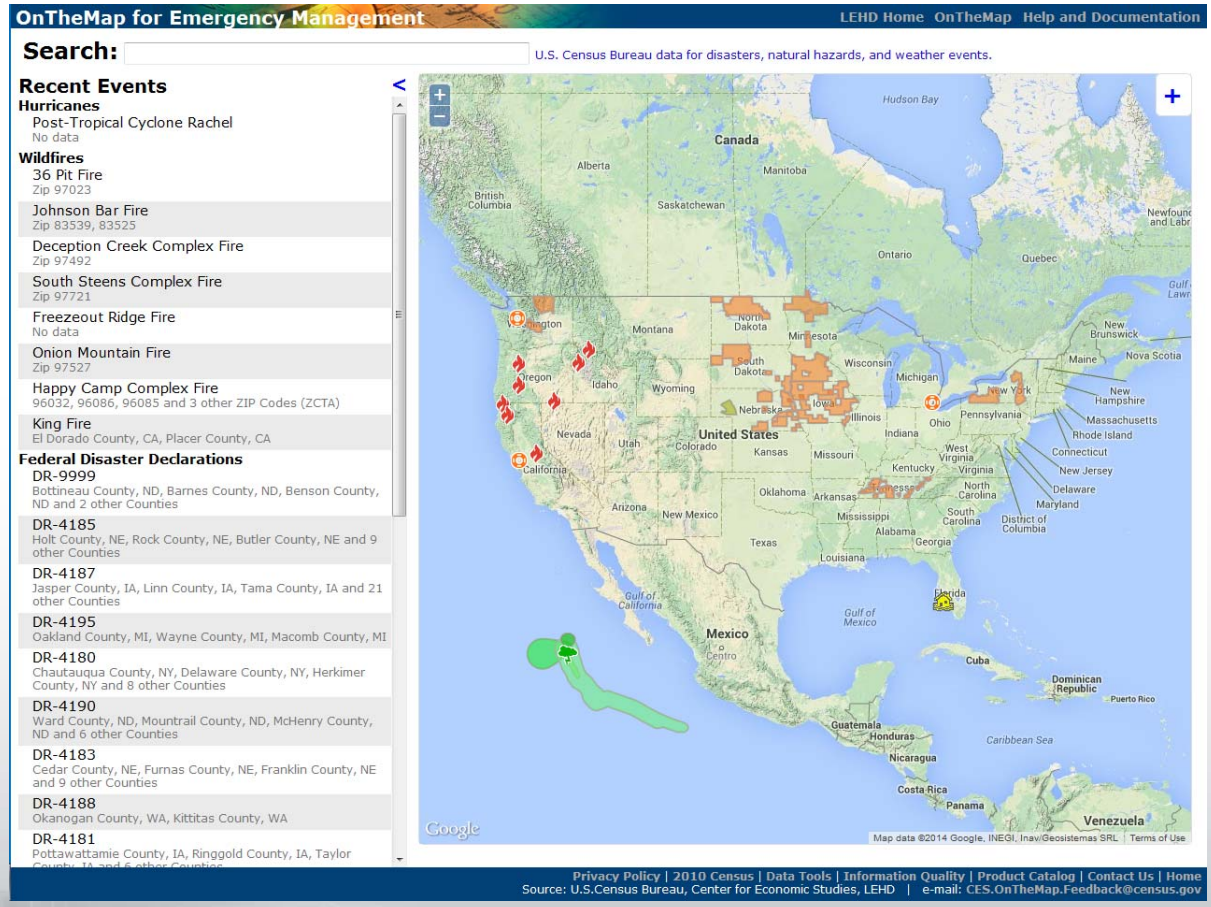
LODES Data

- The basic structure of released data are the following file types:
- Origin-Destination (OD)
- Residence Area Characteristics (RAC)
- Workplace Area Characteristics (WAC)

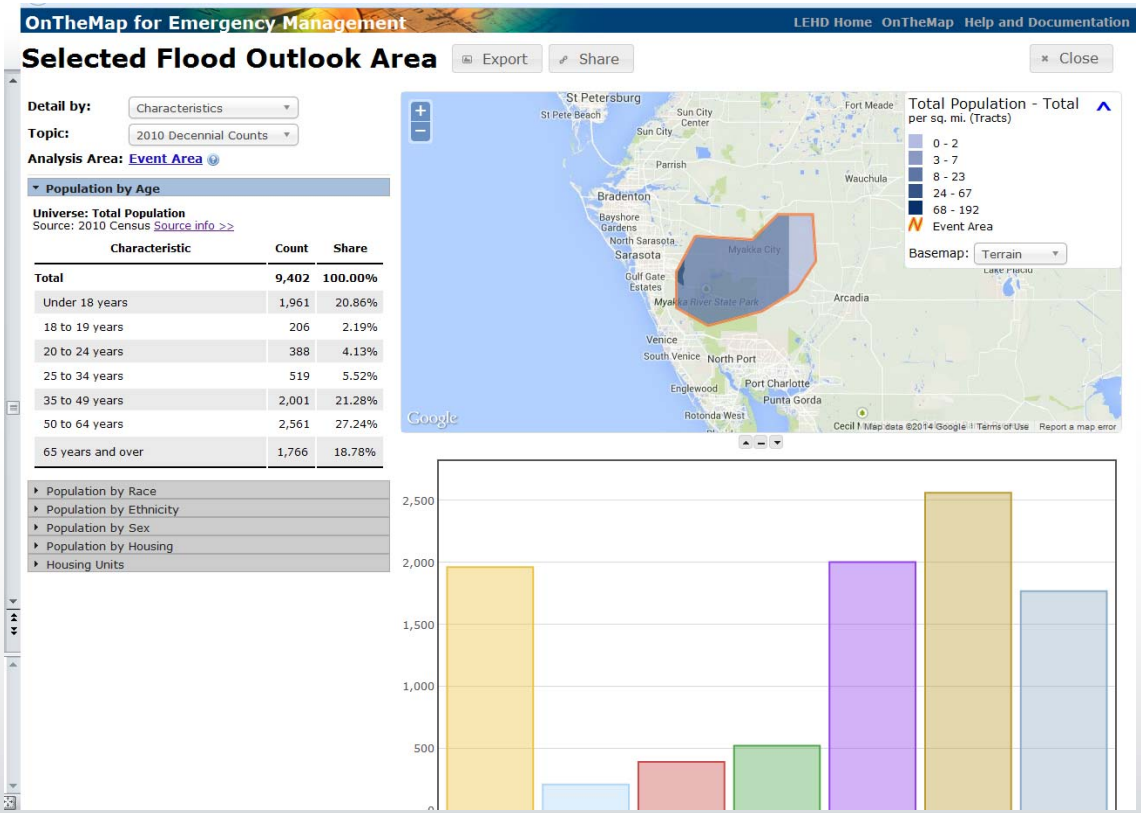
OD, RAC, and WAC

- OD
  - Connects a home block with a work block.
  - Gives one count of jobs for each home-work block pair and for each combination of year, job type, and segment variables.
- RAC/WAC
  - Provides totals on residence/workplace side only.
  - Gives one total for each worker/job characteristic for each combination of year, job type, and segment variables.

OnTheMap for Emergency Management

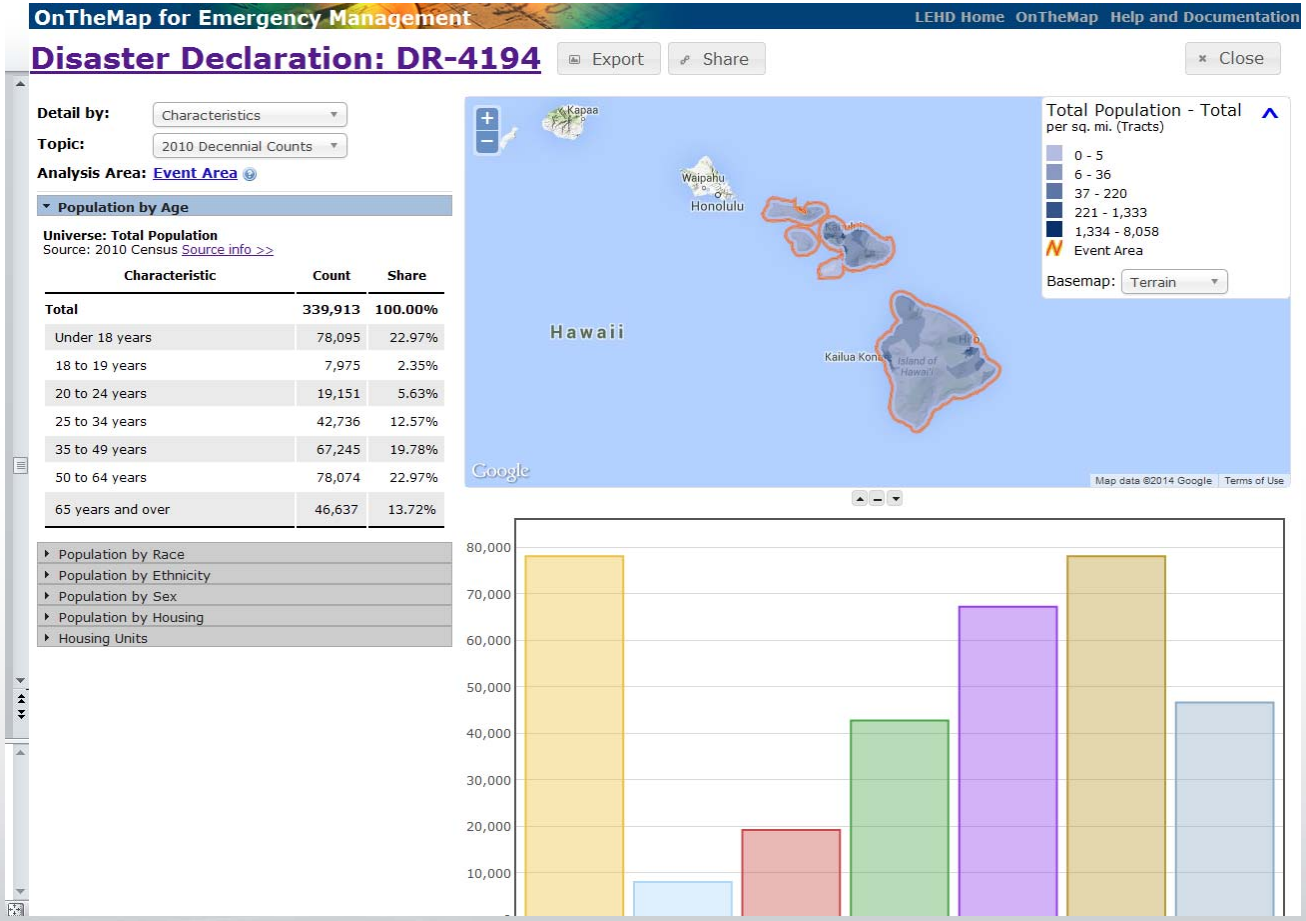


Selected Flood Outlook



Characteristic	Count	Share
Total	9,402	100.00%
Under 18 years	1,961	20.86%
18 to 19 years	206	2.19%
20 to 24 years	388	4.13%
25 to 34 years	519	5.52%
35 to 49 years	2,001	21.28%
50 to 64 years	2,561	27.24%
65 years and over	1,766	18.78%

DR-4194



Characteristic	Count	Share
Total	**339,913**	**100.00%**
Under 18 years	78,095	22.97%
18 to 19 years	7,975	2.35%
20 to 24 years	19,151	5.63%
25 to 34 years	42,736	12.57%
35 to 49 years	67,245	19.78%
50 to 64 years	78,074	22.97%
65 years and over	46,637	13.72%

FEMA

FEMA

What are you looking for?

Plan, Prepare & Mitigate — Before, During & After a Disaster
Disaster Survivor Assistance — Apply for Assistance, Disaster Declarations
Response & Recovery — Tools, Teams, Individual & Public Assistance
Topics & Audiences — Grants, How to Help, Private Sector, Tribal
Blog, Newsroom, Videos & Photos — News Releases, Social Media, FEMA App
About FEMA — Offices, Careers, Employee Info, Policies, FAQs

Disaster Survivor Assistance > Disaster Declarations > Hawaii Tropical Storm Iselle (DR-4194)

Follow FEMA:

- Disaster Declaration
- Designated Areas
- Disaster Federal Register Notices
- FOIA Statistics
- Updates and Articles, Blog, and News Releases
  - Updates and Articles
  - Blog
  - News Releases

Hawaii Tropical Storm Iselle (DR-4194)

Incident period: August 7, 2014 to August 9, 2014

Major Disaster Declaration declared on September 12, 2014

Updates and Articles, Blogs, and News Releases

September 12, 2014

News Release

Federal Aid Programs for the State of Hawaii Declaration

Following is a summary of key federal disaster aid programs that can be made available as needed and warranted under President Obama's disaster declaration issued for the State of Hawaii.Assistance for the State and Affected Local Governments Can Include as Required:

September 12, 2014

News Release

President Declares Disaster for Hawaii

WASHINGTON, D.C. – The U.S. Department of Homeland Security's Federal Emergency Management Agency announced that federal disaster aid has been made available to the State of Hawaii to supplement state and local recovery efforts in the area affected by Tropical Storm Iselle during the period of August 7-9, 2014.

view all

Share/Email This Page

Geographic Information

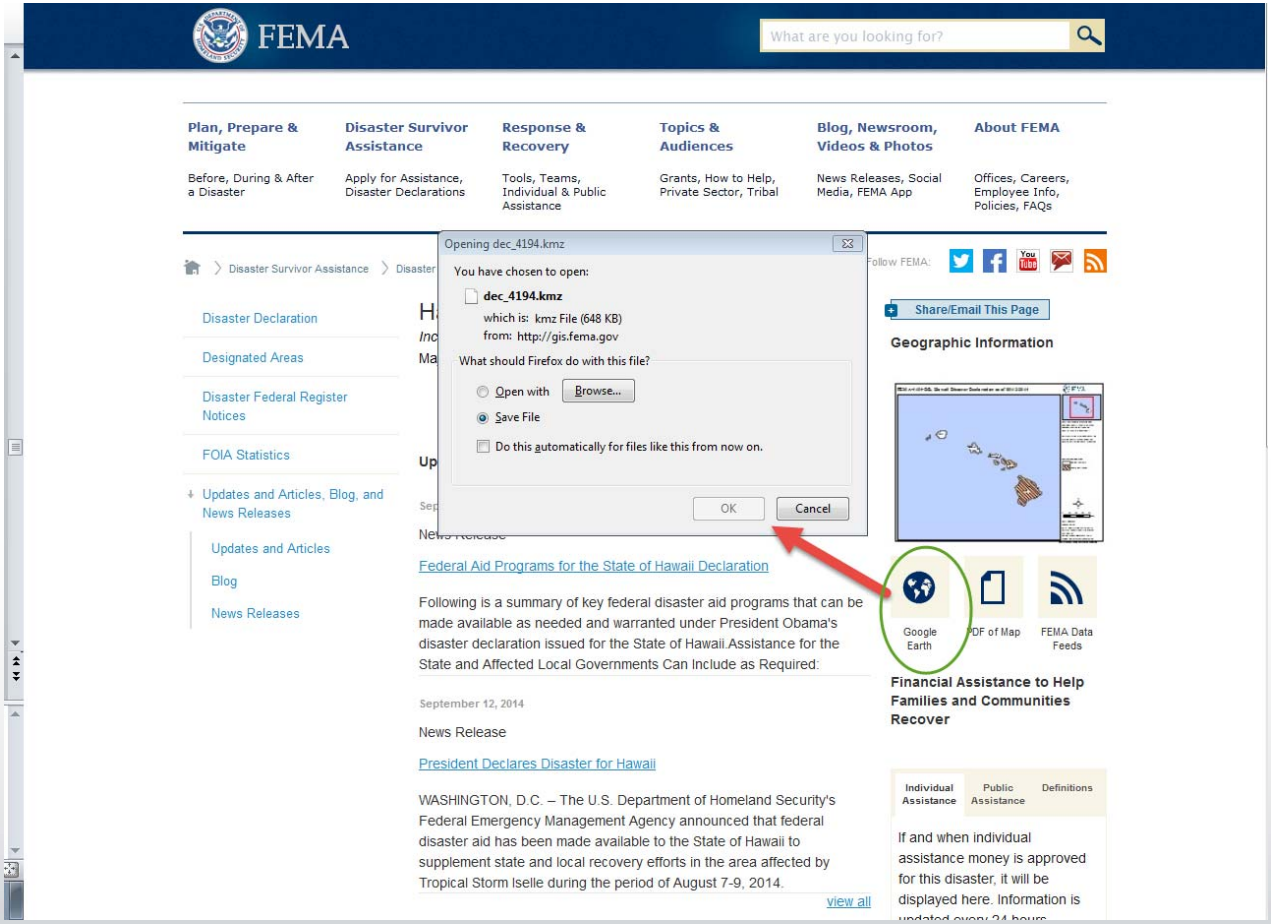
Google Earth | PDF of Map | FEMA Data Feeds

Financial Assistance to Help Families and Communities Recover

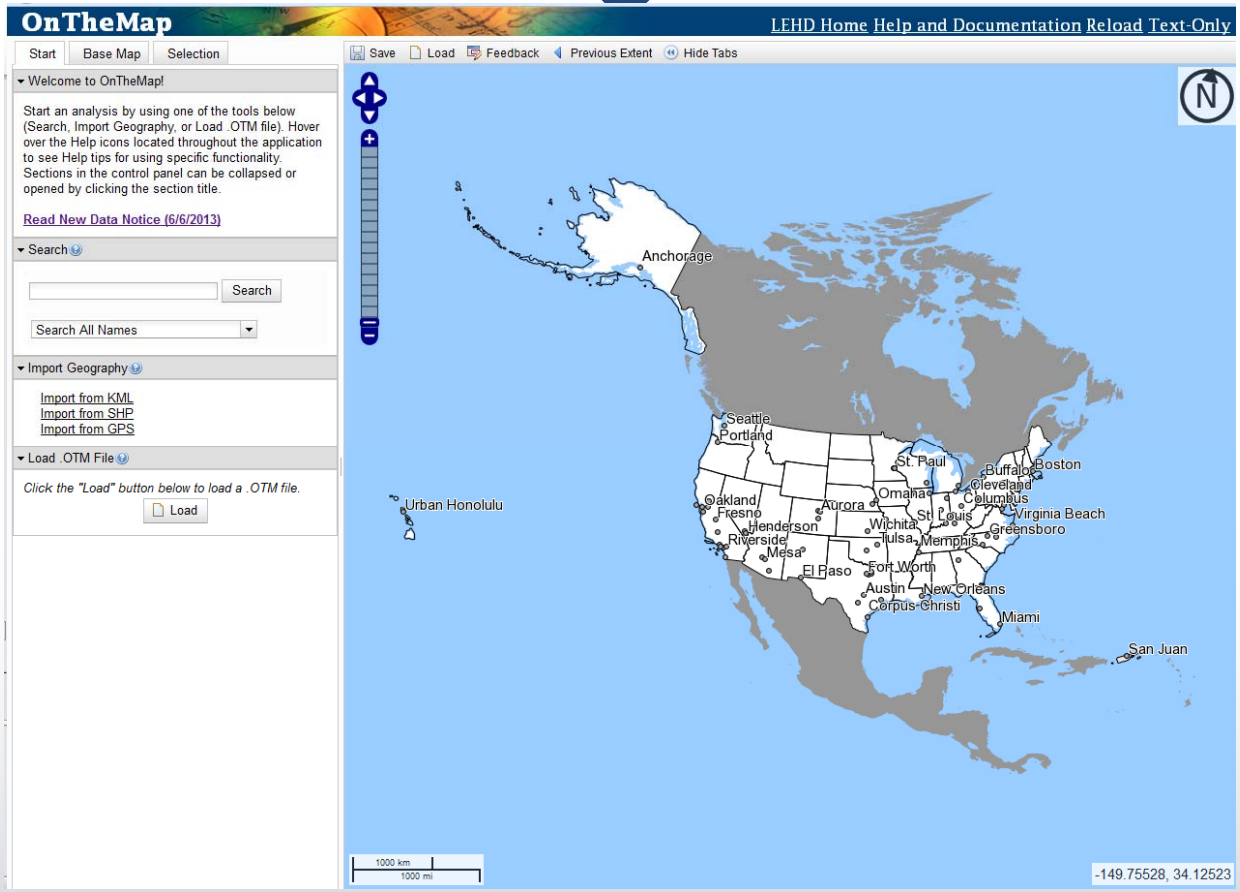
Individual Assistance | Public Assistance | Definitions

If and when individual assistance money is approved for this disaster, it will be displayed here. Information is

Export

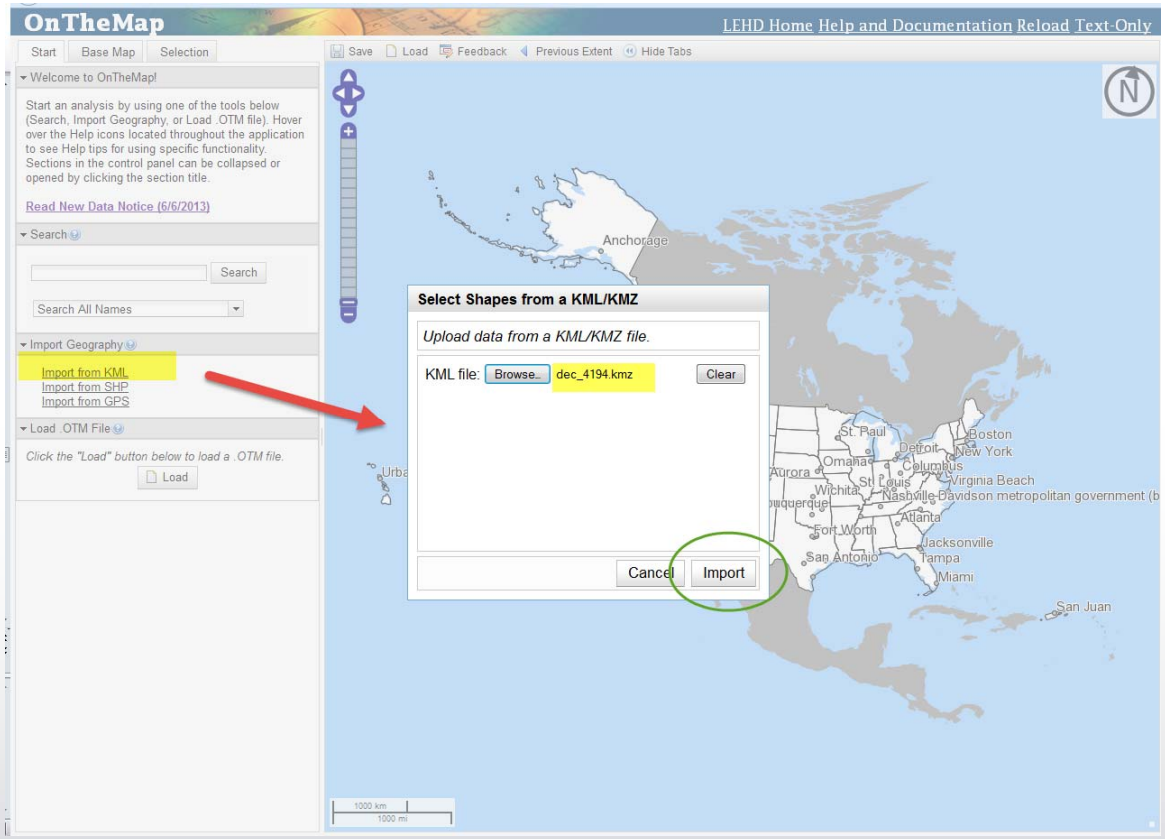

FEMA
What are you looking for?
Plan, Prepare & Mitigate
Before, During & After a Disaster
Disaster Survivor Assistance
Apply for Assistance, Disaster Declarations
Response & Recovery
Tools, Teams, Individual & Public Assistance
Topics & Audiences
Grants, How to Help, Private Sector, Tribal
Blog, Newsroom, Videos & Photos
News Releases, Social Media, FEMA App
About FEMA
Offices, Careers, Employee Info, Policies, FAQs
Disaster Survivor Assistance
Follow FEMA:
Disaster Declaration
Designated Areas
Disaster Federal Register Notices
FOIA Statistics
Updates and Articles, Blog, and News Releases
Updates and Articles
Blog
News Releases
Opening dec_4194.kmz
You have chosen to open:
dec_4194.kmz
which is: kmz File (648 KB)
from: http://gis.fema.gov
What should Firefox do with this file?
Open with
Browse...
Save File
Do this automatically for files like this from now on.
OK
Cancel
Share/Email This Page
Geographic Information
Google Earth
PDF of Map
FEMA Data Feeds
Federal Aid Programs for the State of Hawaii Declaration
Following is a summary of key federal disaster aid programs that can be made available as needed and warranted under President Obama's disaster declaration issued for the State of Hawaii.Assistance for the State and Affected Local Governments Can Include as Required:
September 12, 2014
News Release
President Declares Disaster for Hawaii
WASHINGTON, D.C. – The U.S. Department of Homeland Security's Federal Emergency Management Agency announced that federal disaster aid has been made available to the State of Hawaii to supplement state and local recovery efforts in the area affected by Tropical Storm Iselle during the period of August 7-9, 2014.
view all
Financial Assistance to Help Families and Communities Recover
Individual Assistance
Public Assistance
Definitions
If and when individual assistance money is approved for this disaster, it will be displayed here. Information is

Getting Started

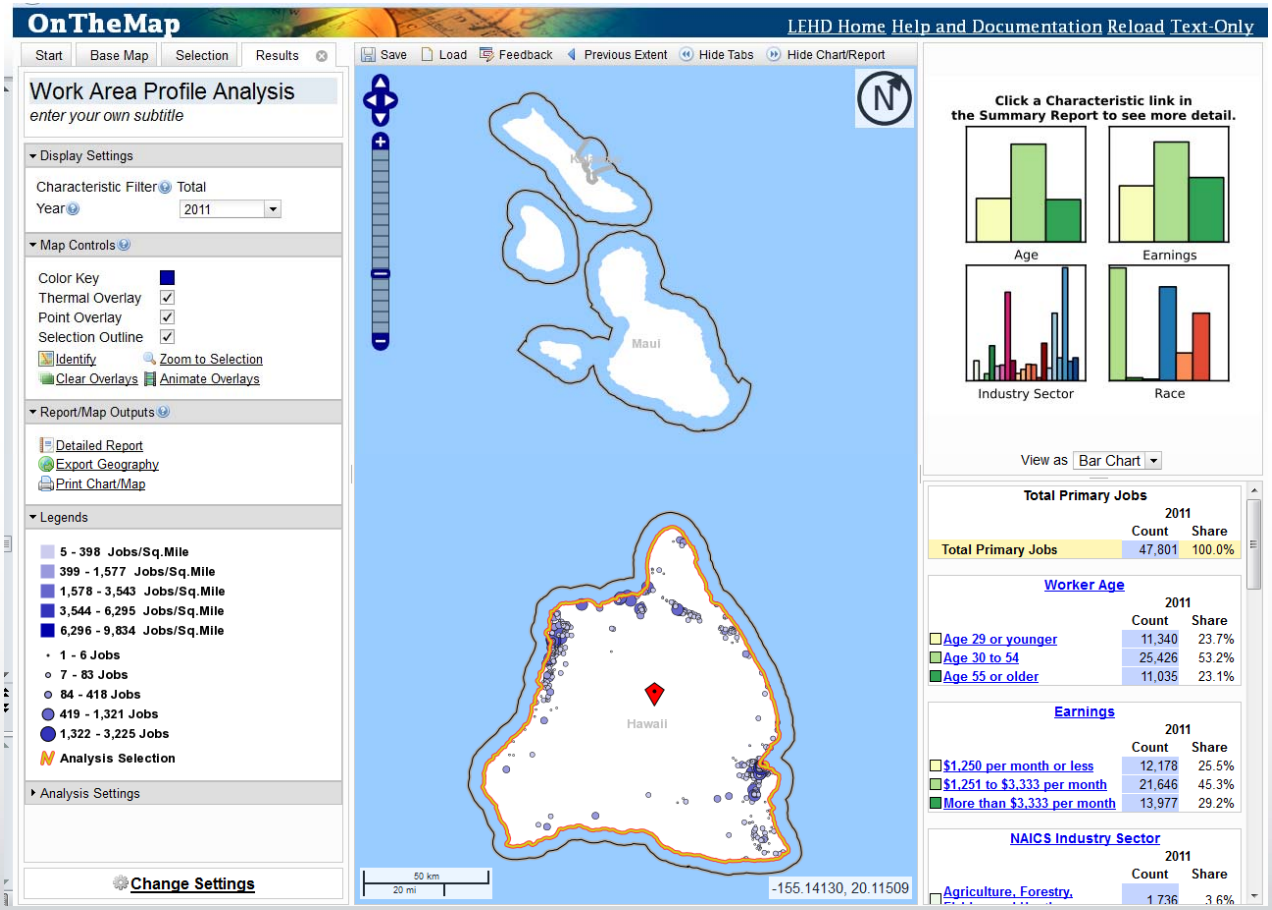


http://onthemap.ces.census.gov/

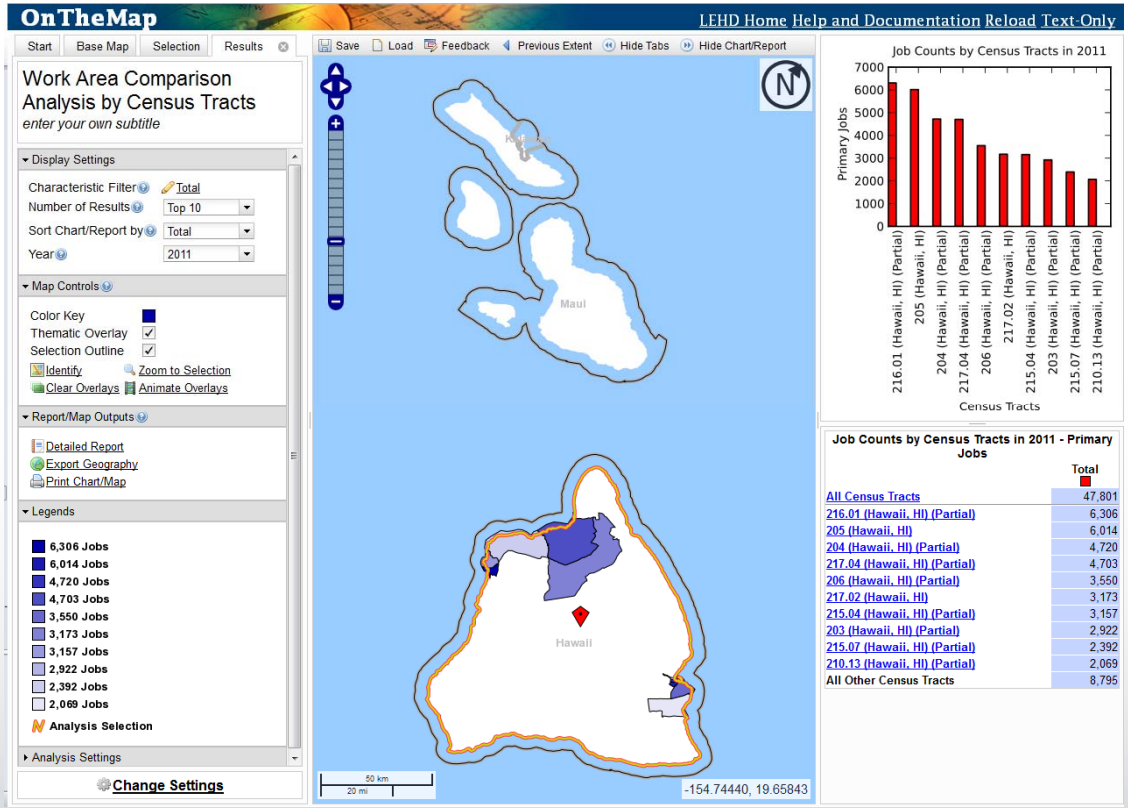
Import


OnTheMap
LEHD Home Help and Documentation Reload Text-Only
Start
Base Map
Selection
Save
Load
Feedback
Previous Extent
Hide Tabs
Welcome to OnTheMap!
Start an analysis by using one of the tools below (Search, Import Geography, or Load .OTM file). Hover over the Help icons located throughout the application to see Help tips for using specific functionality. Sections in the control panel can be collapsed or opened by clicking the section title.
Read New Data Notice (6/6/2013)
Search
Search
Search All Names
Import Geography
Import from KML
Import from SHP
Import from GPS
Load .OTM File
Click the "Load" button below to load a .OTM file.
Load
Select Shapes from a KML/KMZ
Upload data from a KML/KMZ file.
KML file:
Browse...
dec_4194.kmz
Clear
Cancel
Import
Anchorage
St. Paul
Omaha
Detroit
Boston
New York
Columbus
Virginia Beach
St. Louis
Wichita
Nashville-Davidson metropolitan government (b
Atlanta
Fort Worth
San Antonio
Jacksonville
Tampa
Miami
San Juan
1000 km
1000 mi

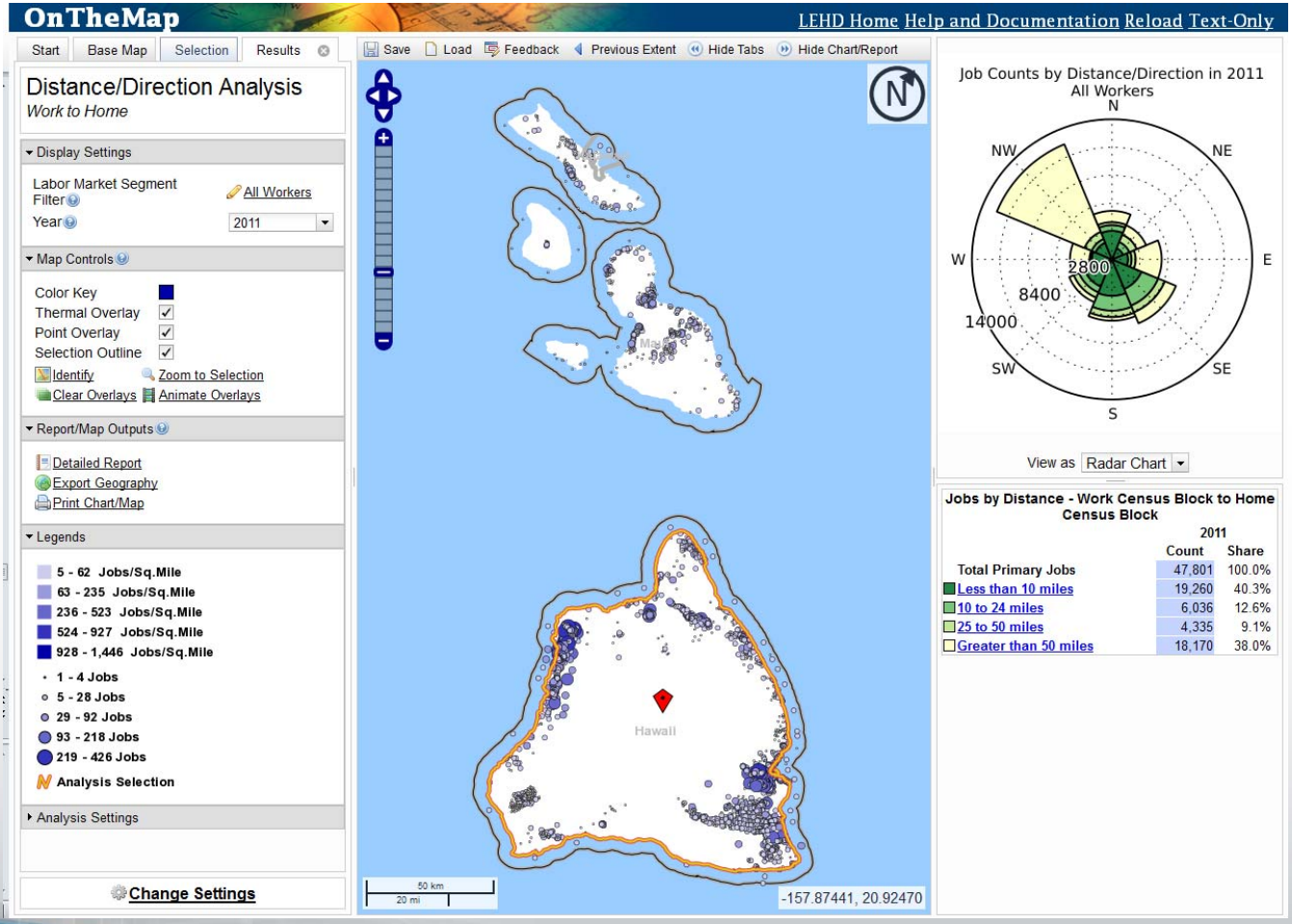
Area Profile



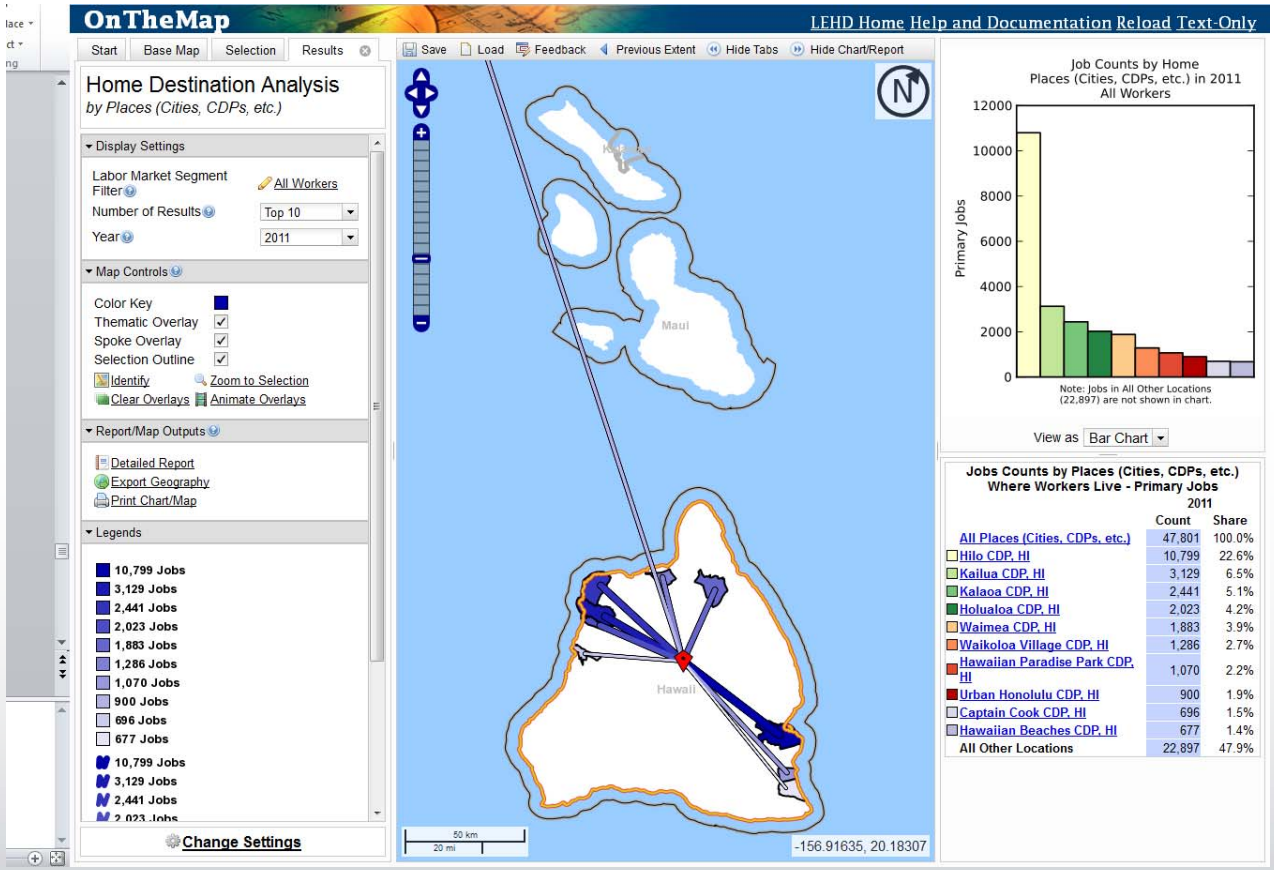
Area Comparison Analysis by Census Tracts



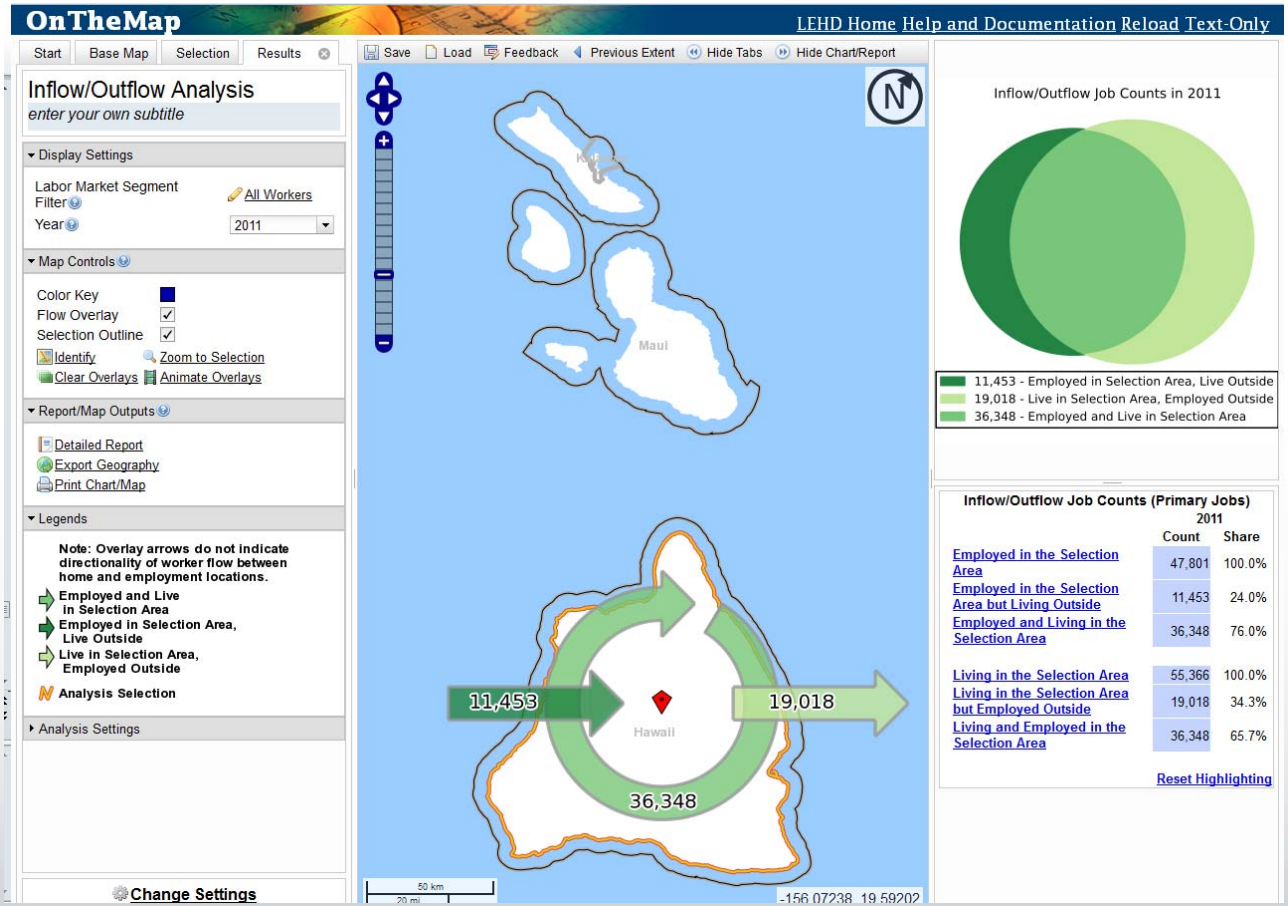
Distance/Direction Analysis



Home Destination Analysis



Inflow/Outflow



Help and Documentation

lehd.ces.census.gov/applications/help/onthemap.html#!what_is_onthemap

U.S. Department of Commerce | Blogs | Index A-Z | Glossary | FAQs

United States Census Bureau

Search

Topics (Population, Economy) | Geography (Maps, Geographic Data) | Library (Infographics, Publications) | Data (Tools, Developers) | About the Bureau (Research, Surveys) | Newsroom (News, Events, Blogs)

You are here: Census.gov › Business & Industry › Center for Economic Studies › Longitudinal Employer-Household Dynamics › Applications › Help

Longitudinal Employer-Household Dynamics

Main | Applications | Data | Learn More | Research | State Partners | Partner with Us

Applications

- QWI Explorer
- OnTheMap
- OnTheMap for Emergency Management
- LED Extraction Tool
- QWI Online
- Industry Focus

Useful Links

- Center for Economic Studies
- QWI Data
- LODES Data
- LED Workshop
- CED HotReport

Contact Information

Email us: CES.Local.Employment.Dynamics@census.gov

or

Call us at (301) 763-8303

Further contact information

Join an LEHD mailing list

OnTheMap Help and Documentation

Choose an application: OnTheMap Go

Help > About the Application > What is OnTheMap? Next >>

What is OnTheMap?

OnTheMap Version 6 is the sixth generation of OnTheMap, a web-based mapping and reporting application that shows where workers are employed and where they live. It also provides companion reports on age, earnings, industry distributions, race, ethnicity, educational attainment, and sex. See An Overview on the LEHD Origin-Destination Employment Statistics (LODES) (172 KB) for more information on the available data in OnTheMap.

Race, Ethnicity, Educational Attainment, Sex, Firm Age, and Firm Size variables are made available in OnTheMap through a beta release of data.

OnTheMap provides an easy-to-use interface for creating, viewing, printing and downloading workforce related maps, profiles, and underlying data. Based on 2002-2011 LEHD Origin Destination Employment Statistics (LODES), OnTheMap is a unique resource for mapping the travel patterns of workers and identifying small-area workforce characteristics. Download this one-page document about OnTheMap (75 KB) for more information.

The project is supported by the Employment and Training Administration (ETA) at the U.S. Department of Labor.

Other Applications

Text-Only Tool – A version of the tool for those who prefer or are not able to use the standard mapping interface.

OnTheMap Mobile – A mobile-optimized version of OnTheMap that can be accessed though mobile (iOS and Android) web browsers.

OnTheMap for Emergency Management – An offshoot of the standard OnTheMap application that provides an easy interface from which to retrieve reports containing detailed workforce, population, and housing characteristics for hurricanes, floods, wildfires, winter storms, and federal disaster declaration areas.

Suggested citations

OnTheMap Application

U.S. Census Bureau. 2013. OnTheMap Application. Longitudinal-Employer Household Dynamics Program. http://onthemap.ces.census.gov/

LODES Data (if downloaded directly from the website)

Start OnTheMap

About the Application
- What is OnTheMap?
- Major Enhancements
- Release Schedule
- Mapping Terms
- Report Terms
- System Requirements

About the Data
- Data Sources
- Confidentiality Protection
- Geographic Data Sources
- Download the Data
- Data Notices

Tutorials
- Getting Started/Overview
- Analysis Guides
- More Tutorials

FAQs and Bugs
- Frequently Asked Questions
- Known and Unresolved Bugs

lehd.ces.census.gov

Data Tab

Download QWI data*:

Each release contains the full QWI time series for the selected state. The latest quarter of data is typically three quarters behind the quarter of release (four quarters for firm age and size). We recommend that users do not combine data from separate releases. The two previous releases are made available for user convenience.

State/Territory: Alabama Release: 2014 Q3

Tabulation: Sex by Age

View Files

LODES Data Download

LEHD Origin-Destination Employment Statistics (LODES) used by OnTheMap are available for download below. Version 7 of LODES was enumerated by 2010 census blocks. Previous versions of LODES were enumerated with 2000 census blocks.

Data files are state-based and organized into three types: Origin-Destination (OD), Residence Area Characteristics (RAC), and Workplace Area Characteristics (WAC), all at census block geographic detail. Data is available for most states for the years 2002–2011.

To browse the LODES data files in their directory structure or to access them with FTP program (must be able to access HTTP), go to http://lehd.ces.census.gov/data/lodes/.

Download LODES data*:

Version: LODES7 State/Territory: Alabama

Type: Origin-Destination (OD)

View Files

LODES Help

Learn more about LODES by choosing one of the links below.

- OnTheMap Data Notices (44 KB)
- LODES 7.0 Tech Doc (60 KB)
- LODES 6.1 Tech Doc (52 KB)
- LODES 5.0 Tech Doc (44 KB)

Restricted-Use Microdata

In addition to the public-use Quarterly Workforce Indicators data and LODES data, LEHD microdata are available for research use in approved projects. Researchers interested in using restricted-use LEHD data must submit a proposal to conduct research at a secure Census Research Data Center (RDC). LEHD data available in the RDCs includes job-level quarterly earnings history data, person-level demographic data, establishment-level firm characteristics, and establishment-level Quarterly Workforce Indicators. Detailed information about restricted-use LEHD data, including available states and years, is on the CES LEHD Data page.

* All CSV files are compressed using a GZip algorithm, which appends a ".gz" to the end of the filename. Most commonly used compression/extraction software packages can decompress these files (see http://en.wikipedia.org/wiki/Zip_(file_format)).

Portable Document Format. To view the file, you will need the Adobe® Acrobat® Reader available free from Adobe. This symbol indicates a link to a non-government web site. Our linking to these sites does not ducts, services or the information found on them. Once you link to another site you are subject to the policies of the new site.

Text Only

Work Area Profile Analysis

Hawaii County, HI *from Counties*

Settings

Chart Type: Bar Chart

Characteristic Filter: Total

Update

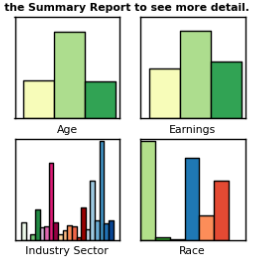
Map

Legend

- 5 - 399 Jobs/Sq.Mile
- 400 - 1,583 Jobs/Sq.Mile
- 1,584 - 3,556 Jobs/Sq.Mile
- 3,557 - 6,318 Jobs/Sq.Mile

Chart

Click a Characteristic link in the Summary Report to see more detail.



Total Primary Jobs

	2011 Count	2011 Share
Total	47,902	100.0%

Worker Age

	2011 Count	2011 Share
Age 29 or younger	11,363	23.7%
Age 30 to 54	25,486	53.2%
Age 55 or older	11,053	23.1%

Earnings

	2011 Count	2011 Share
$1,250 per month or less	12,206	25.5%
$1,251 to $3,333 per month	21,679	45.3%
More than $3,333 per month	14,017	29.3%

NAICS Industry Sector

	2011 Count	2011 Share

Questions?

- Contact Information
  - Earlene Dowell
  - CES.Local.Employment.Dynamics@census.gov
  - Join the List Serve
    - lehd-onthemap@lists.census.gov
    - lehd-general@lists.census.gov