

Impacts and Recovery Using the Longitudinal Employer-Household Dynamics Data Tools

C2ER 60th Annual Conference and
LMI Institute Annual Forum

Presented by:
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Agenda

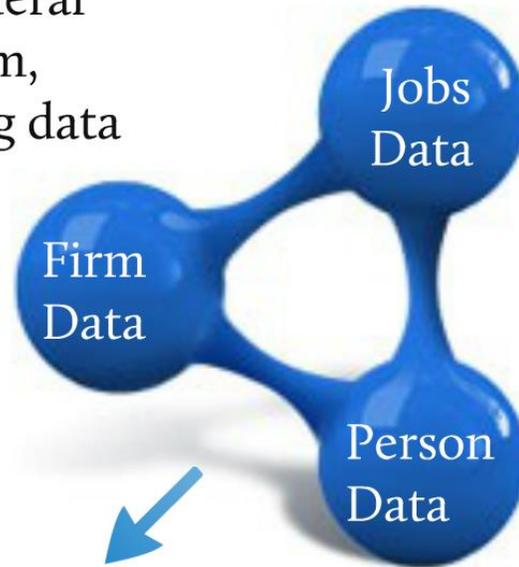
- LEHD Introduction
- Accessing the Longitudinal Employer-Household Dynamics Program's Data Tools
- LODES - OnTheMap and OnTheMap for Emergency Management
- QWI - QWI Explorer
- J2J Data Flows – J2J Explorer
- PSEO - PSEO Explorer
- VEO - VEO Explorer

The screenshot shows the U.S. Census Bureau website homepage. At the top, there is a navigation bar with the 'Census' logo and a search bar. Below the navigation bar, there are several sections: a main banner for 'Counties in South and West Lead Nation in Population Growth', a 'POPULATION CLOCK' showing the U.S. population at 328,837,726 and the West population at 7,570,189,090, and a 'U.S. CENSUS BUREAU ECONOMIC INDICATORS' section with various data points. There are also buttons for 'Help for Survey Participants' and 'Access Local Data'. The 'Latest News' section features several press releases, including 'New Earnings and Employment Data for College Graduates', '2017 Census of Governments Data & Individual State Descriptions Report', and 'U.S. Census Bureau Releases 2018 Voting and Registration Data'. The 'America Counts: Stories Behind the Numbers' section includes stories like 'Moves to and From the South and West Dominate Recent Migration Flows', 'The Impact of the Tech Boom on Housing', and 'The Opioid Crisis and Grandparents Raising Grandchildren'.

<https://www.census.gov/>

What are LEHD and LED?

An innovative federal statistical program, collecting existing data and ...



New linked national jobs data for the U.S.

The LEHD Program at Census

..linking it together to provide new information sources at low cost

Longitudinal Employer-Household Dynamics (LEHD)

Where Data is Published:

Data Product	Explore the data, answer questions, or get visualizations	Bulk data for use in analysis process/software	Live queries for building web applications
QWI	QWI Explorer	LED Extraction Tool and Raw data download	Census Bureau API
LODES	OnTheMap OnTheMap for Emergency Management	Raw data download	Future development
J2J	J2J Explorer	Raw data download	Future Development
PSEO	PSEO Explorer	Raw data download	Future Development
VEO	VEO Explorer	Raw data download	Future Development

COVID-19 Hotspots in South Dakota

Anyone can publish on Medium per our [Policies](#), but we don't fact-check every story. For more info about the coronavirus, see [cdc.gov](https://www.cdc.gov).

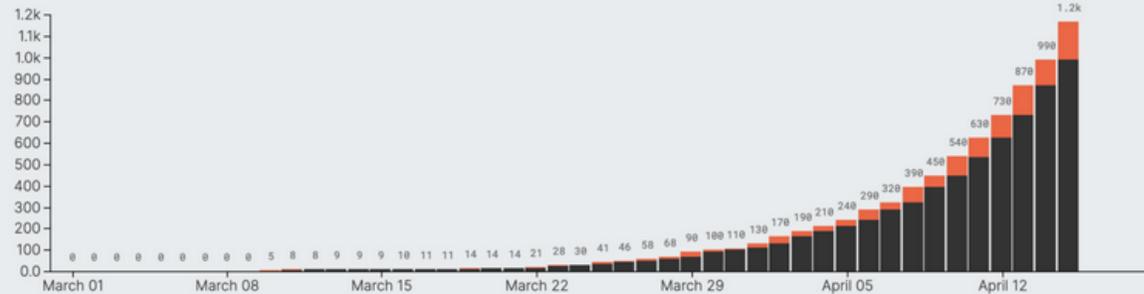
A look at the COVID-19 hotspot in South Dakota

To explore more data on COVID-19, please go to covid19.topos.com

 Topos [Follow](#)
Apr 16 · 2 min read



COVID-19 Cases | South Dakota



https://medium.com/@topos_ai/a-look-at-the-covid-19-hotspot-in-south-dakota-26f774f5435c

OnTheMap.CES.Census.Gov

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

2016 and 2017 data now available!
[Read New Data Notice \(08/29/2019\)](#)

Search

minnehaha Search

Search All Names

No results found. Showing Results for: **minnehaha**

- States
 - No results found.
- Counties
 - Minnehaha County, SD**
- Places (Cities, CDPs, etc.)
 - Minnehaha CDP, WA
- ZIP Codes (ZCTA)
 - No results found.
- Metropolitan/Micropolitan Areas (CBSA)
 - No results found.
- Workforce Investment Areas (WIA)
 - No results found.

Minnehaha County, SD
from Counties
Selection Area: 813.861 Sq. Mi
Census Blocks: 5,510

[Perform Analysis on Selection Area](#)

[Change Selection Area](#)
[Add Advanced Selection](#)

10 km 10 mi -96.52530, 43.71893

[Privacy Policy](#) | [2010 Census](#) | [Data Tools](#) | [Information Quality](#) | [Product Catalog](#) | [Contact Us](#) | [Home](#)
Source: U.S.Census Bureau, Center for Economic Studies | e-mail: CES.OnTheMap.Feedback@census.gov

OnTheMap for Emergency Management



Hurricanes, Floods,
Winter Storms



Disaster Areas



Wildfires



Demographic &
Economic Data

OnTheMap for Emergency Management LEHD Home OnTheMap Help and Documentation

Disaster Declaration: DR-4166 Time: Wed, 11 Jun 2014 16:00:02 GMT [Export] [Share] [Close]

Detail by: Characteristics
Topic: 2010 Decennial Cou...
Analysis Area: Event Area

Population by Age
Universe: Total Population
Source: 2010 Census [Source info >>](#)

Characteristic	Count	Share
Total	1,755,475	100.00%
Under 18 years	416,870	23.75%
18 to 19 years	49,751	2.83%
20 to 24 years	116,069	6.61%
25 to 34 years	220,375	12.55%
35 to 49 years	353,573	20.14%
50 to 64 years	355,344	20.24%
65 years and over	243,493	13.87%

Population by Race
Population by Ethnicity
Population by Sex
Population by Housing
Housing Units

Housing Units
Universe: Housing Units
Source: 2010 Census [Source info >>](#)

Characteristic	Count	Share
Total	843,527	100.00%
Total of 'Universe: Vacant housing units'	161,607	19.16%

Map: Total Population - Total per sq. mi. (Tracts)
Legend: 0 - 6, 7 - 44, 45 - 297, 298 - 1,992, 1,993 - 13,319, Event Area
Basemap: Terrain

Privacy Policy | 2010 Census | Data Tools | Information Quality | Product Catalog | Contact Us | Home
Source: U.S. Census Bureau, Center for Economic Studies, LEHD | e-mail: CES.OnTheMap.Feedback@census.gov

New Public Data Service for Emergency Preparedness & Response

- Comprehensive Reports
- Real-time Data Updates
- Easy-to-use & Interoperable
- Historical Event Archive
- Flexible Analyses & Visualizations



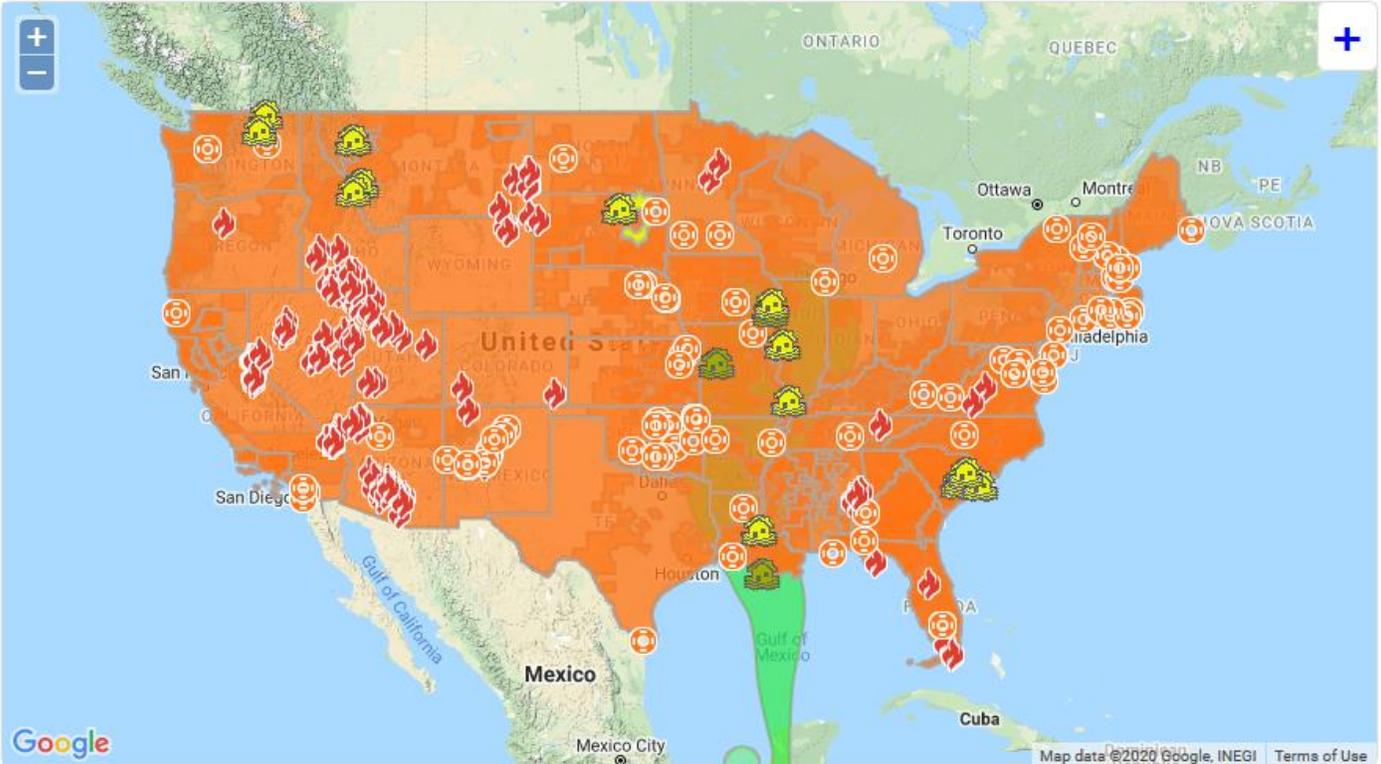
<https://onthemap.ces.census.gov/em/>

OnTheMap for Emergency Management LEHD Home OnTheMap Help and Documentation

Search: Filter U.S. Census Bureau data for disasters, natural hazards, and weather events. Click for more information on Pacific Storms.

Events as of 06/05/2020

- Hurricanes**
 - Tropical Depression Cristobal
Missouri, Illinois, Arkansas and 11 other States
Affected Population: 38,483,484
- Wildfires**
 - Sawtooth Fire
Zip 85118
Affected Population: 477
 - Ocotillo Fire
Zip 85331
Affected Population: 221
 - Pony Express Fire
Zip 89403
Affected Population: 21
 - Narrow Ditch Fire
Zip 33196
Affected Population: 14
 - Stillwell Fire
Zip 89815
Affected Population: 7
 - East Desert Fire
Zip 85331
Affected Population: 3
 - Gullev Fire



The map displays the United States with various disaster icons. Red flame icons represent wildfires, primarily concentrated in the western and central regions. Yellow house icons with red outlines represent hurricanes, scattered across the eastern and southern coasts. The map includes state names and major cities like San Francisco, San Diego, Houston, and Philadelphia. It also shows neighboring countries like Mexico and Canada, and bodies of water like the Gulf of California and Gulf of Mexico.

EM-3475

Emergency Declaration: EM-3475

Sun, 12 Apr 2020 00:00:01 GMT

Export

Share

Close

Detail by: Characteristics

Topic: 2014-2018 ACS Chara...

Analysis Area: [Event Area](#)

Household Type

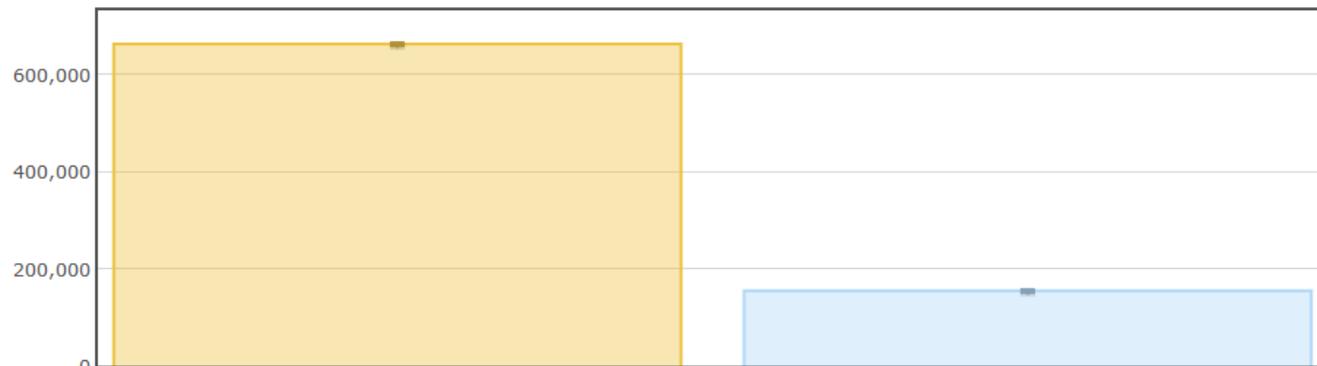
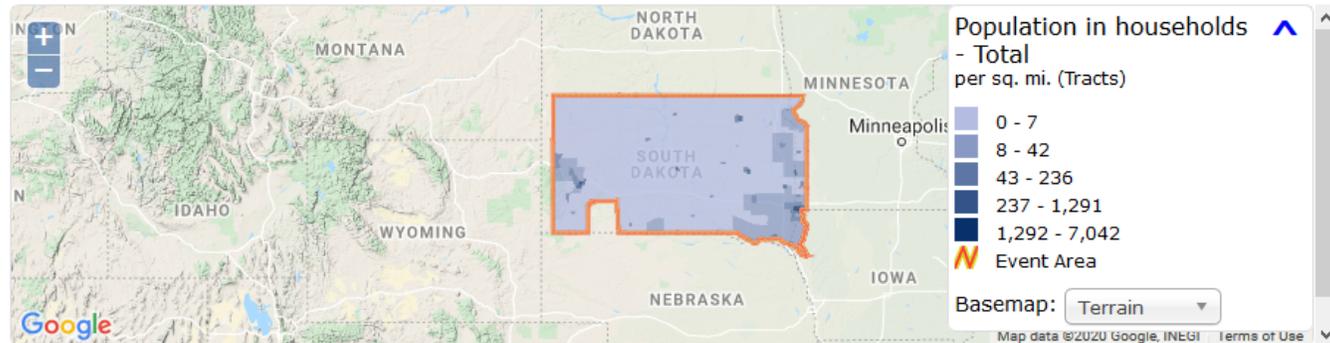
Universe: Population in households

Source: American Community Survey, 2014-2018. [Source info](#)

Characteristic	Estimate	Margin of Error
Total	816,259	±1,615
In family households	662,088	±2,903
In nonfamily households	154,171	±2,596

- Race
- Hispanic or Latino Origin
- Ability to Speak English by Age
- Ability to Speak English by Language Spoken at Home
- Disability Status by Poverty Status
- Disability Status by Age

All tabulations contain derived estimates and margins of error.



Recovery

Baby Boomers in Healthcare and Retail Trade

Are You A Baby Boomer Looking For Work? Where To Find The Best Opportunities



Sheila Callaham Contributor
Diversity & Inclusion
I write about combatting ageism in the workplace.

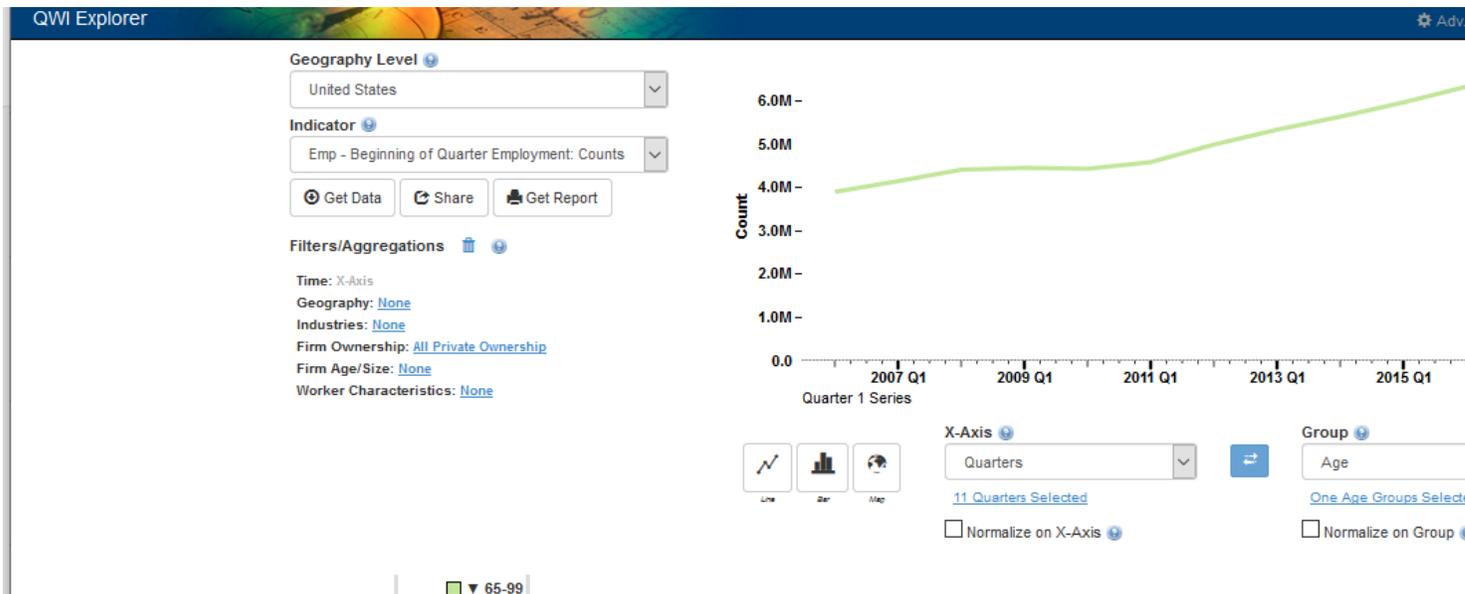


Two industries show the most promise for older people looking for work. The BLS report containing data from 1994 to 2016 indicates an increase in workers aged 65 and 69 in healthcare (up 18%) and retail trade (up 14%). Carol Hymowitz, a recognized expert on longevity and diversity in the workplace, writes in her article, “How Health Care Employers Are Welcoming Older Workers,”

the growing health care industry has taken a progressive approach to hiring and retaining older workers because it's challenged by shortages of employees at every rank. To keep talent and attract new hires, hospitals and outpatient clinics are offering a variety of flexible work arrangements, including part-time schedules, telecommuting and job sharing. Others are rehiring retirees as contract workers.

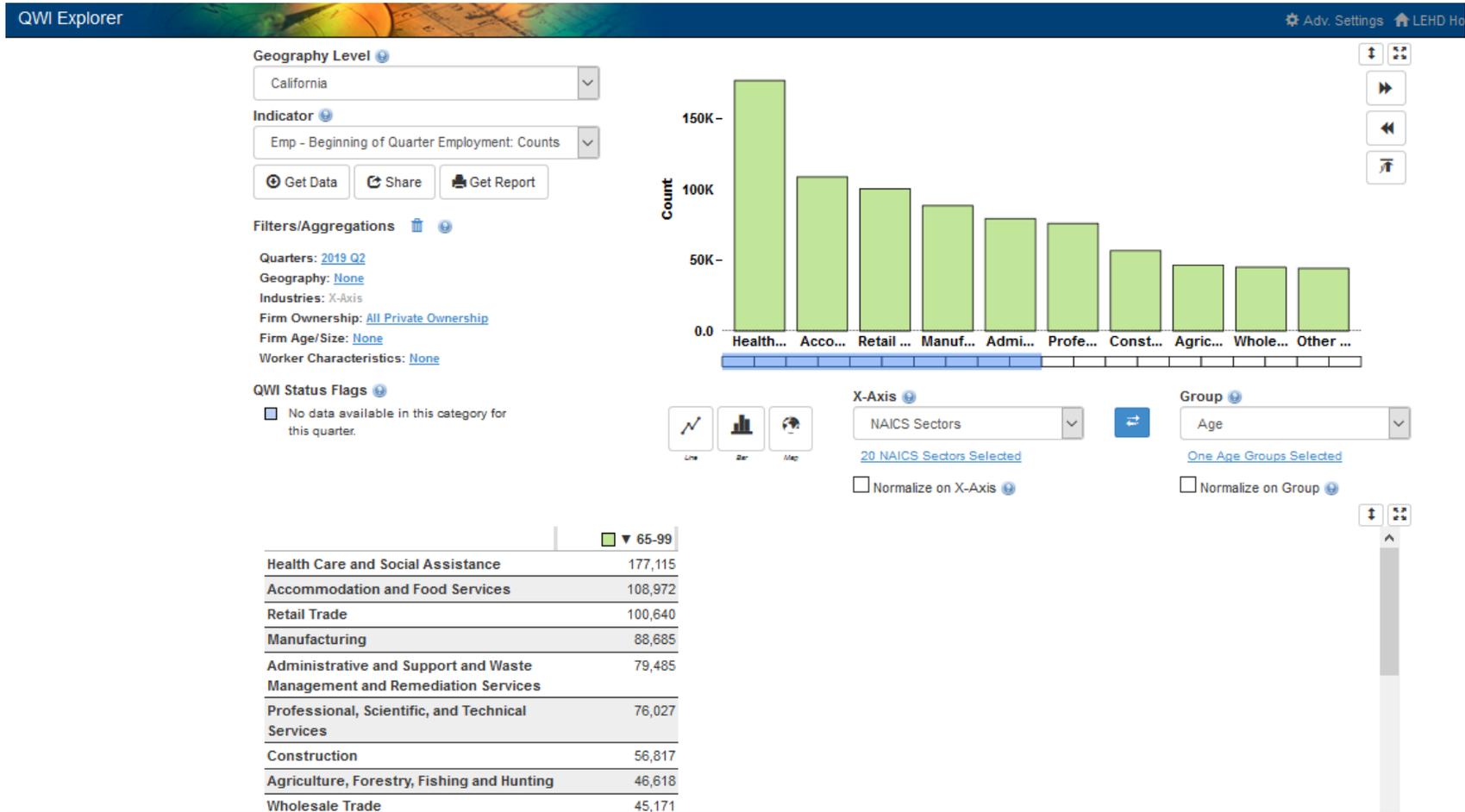
<https://www.forbes.com/sites/sheilacallaham/2019/03/21/are-you-a-baby-boomer-looking-for-work-where-to-find-the-best-opportunities/#1629432360bd>

<https://qwiexplorer.ces.census.gov/>



	65-99
2016 Q1	6,329,290
2015 Q1	5,963,207
2014 Q1	5,633,827
2013 Q1	5,334,392
2012 Q1	4,990,472
2011 Q1	4,585,419
2009 Q1	4,454,733
2010 Q1	4,432,777
2008 Q1	4,410,444
2007 Q1	4,147,162
2006 Q1	3,898,909

Age Friendly Industries



Leadership • Analysis

The shock of unemployment may push men into jobs traditionally held by women, study shows

Those men not only found jobs again but also got a pay bump.



A new study finds that one particular factor — the loss of a job — could explain why some men are willing to take jobs in female-dominated industries, such as nursing. (iStock)

Most Read Business

- 1 Men wearing Hawaiian shirts and carrying guns add a volatile new element to protests 
- 2 **Perennial** Didn't get your stimulus payment? Here's how to find it. 
- 3 Dow surges more than 500 points; U.S. stocks now up 40 percent off pandemic lows 
- 4 **Perennial** Stimulus prepaid debit card is causing a lot of confusion 
- 5 America is awash in cameras, a double-edged sword for protesters and police 

Post REPORTS

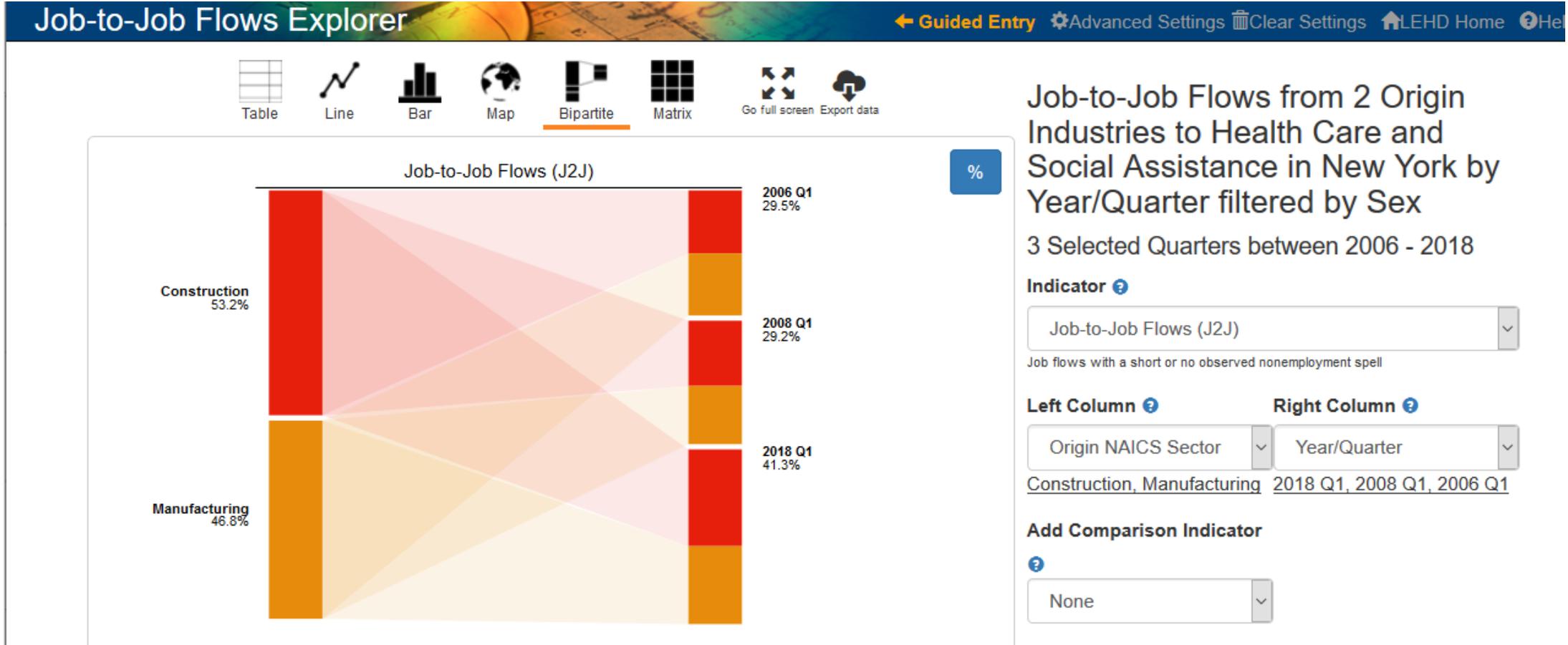
Latest episode

Racism, protests and the challenge for Joe Biden

Listen 27:01

<https://www.washingtonpost.com/business/2020/01/15/shock-unemployment-may-push-men-into-jobs-traditionally-held-by-women-study-shows/>

<https://j2jexplorer.ces.census.gov/>



Post Secondary Employment Outcomes - PSEO

A joint pilot project between university systems, state higher education systems, and the Census Bureau, the Post-Secondary Employment Outcomes (PSEO) are experimental tabulations providing national earnings statistics for graduates of post-secondary institutions.

- PSEO Provides
 - 25th, 50th, and 75th percentiles of annual earnings for college and university graduates.
 - Employment by industry and region of the country.
 - By degree level, degree major, and post-secondary institution.
 - One year, five years, and 10 years after graduation.

- Current PSEO partners:
 - The University of Texas system (2017)
 - Colorado Department of Higher Education (2017)
 - University of Michigan, Ann Arbor (2018)
 - University of Wisconsin, Madison (2018)
- Future Partners
 - Ohio
 - New York

LED in Action



Professional services, health care top industries for U-M graduates

ANN ARBOR—Ten years after earning a bachelor’s degree from the University of Michigan, more graduates work in professional, scientific and technical service fields than any other classification.

The data were released today through a collaboration between U-M, the Institute for Research on Innovation and Science (IRIS), and the U.S. Census Bureau. IRIS partners with the U.S. Census Bureau to link data from participating universities to the Census Bureau’s Longitudinal Employer-Household Dynamics dataset to produce detailed employment and geographical information on alumni. The data covered from 2001 to 2015.

U-M has publicly released data on the industries in which their graduates work. For bachelor’s degree graduates (across all fields and years), the top industries for employment 10 years after graduation were:

August 6, 2019

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<https://news.umich.edu/professional-services-health-care-top-industries-for-u-m-graduates/>

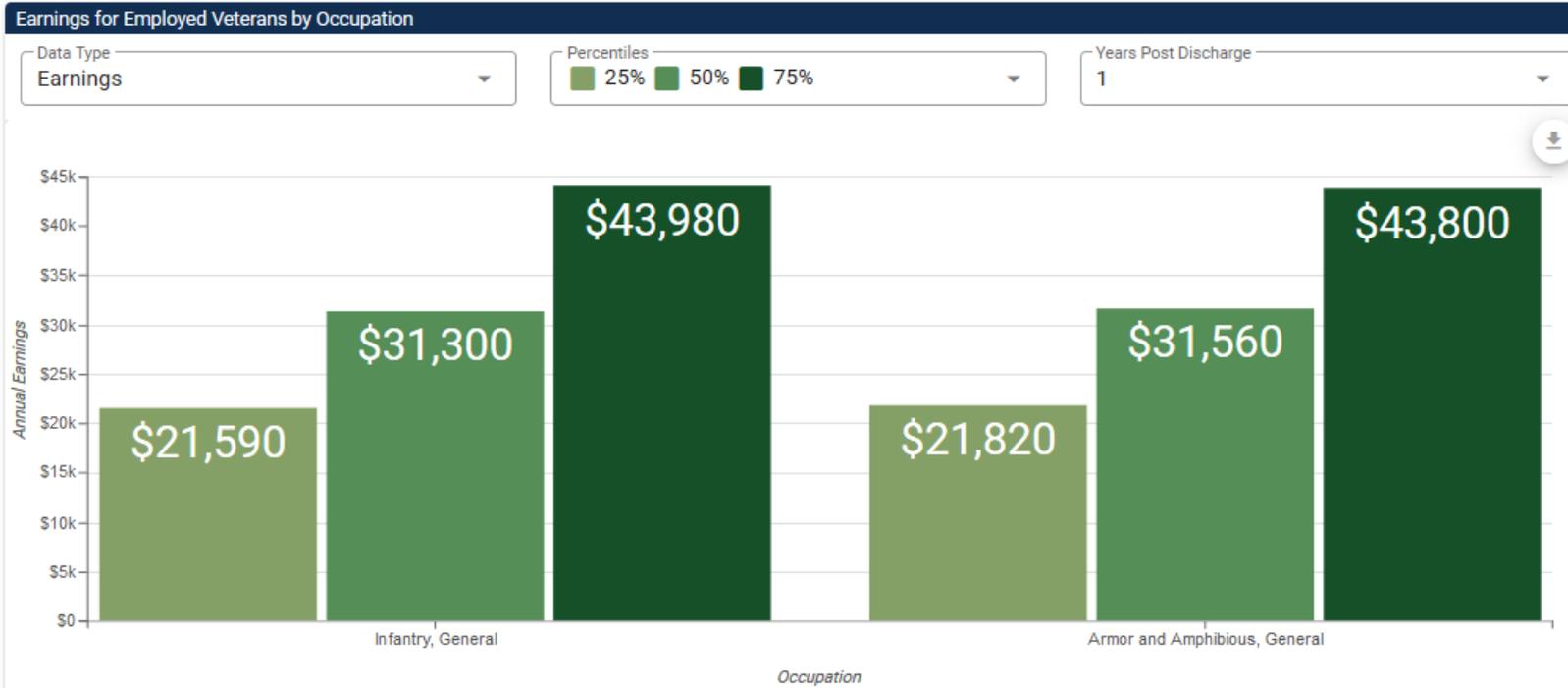
Veteran's Employment Outcome



Occupation
2 Occupations Selected
Select Multiple Characteristics

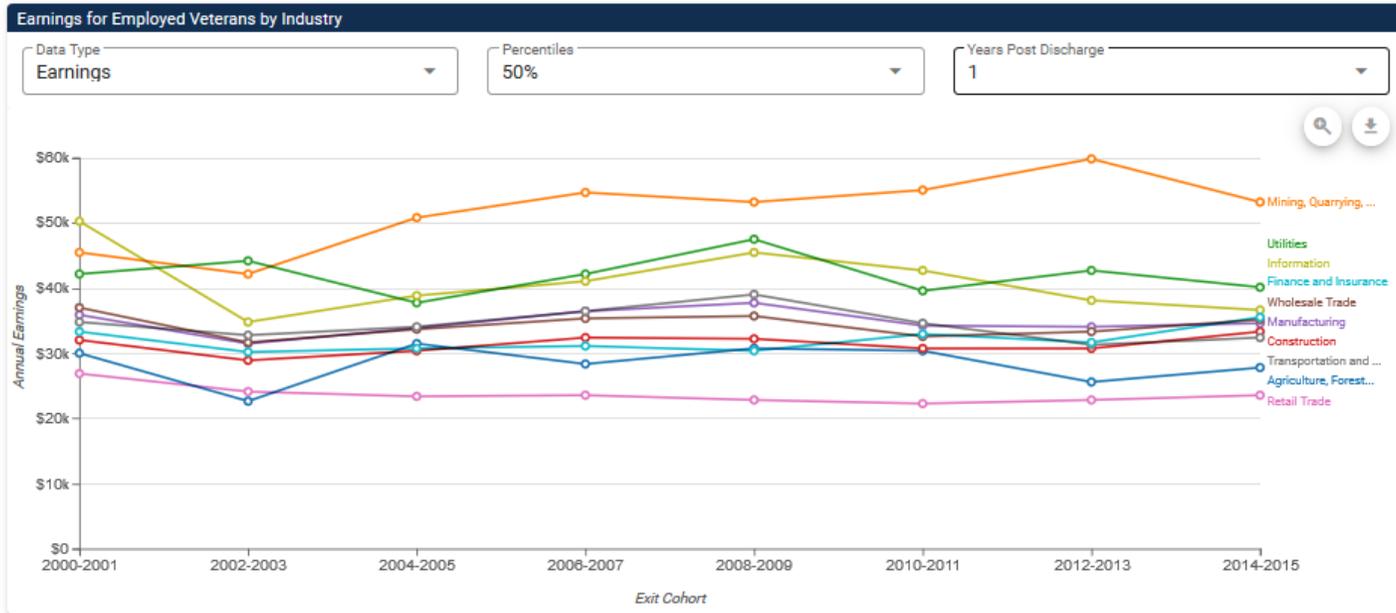


Cohort
2000-2007



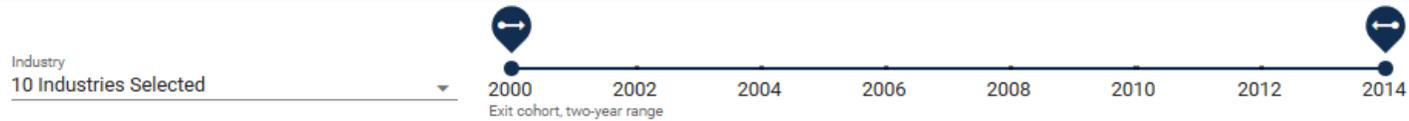
Industry

MILITARY SPECIALIZATION ▾ SERVICE CHARACTERISTIC ▾ DEMOGRAPHIC ▾ **INDUSTRY ▾** HELP ?



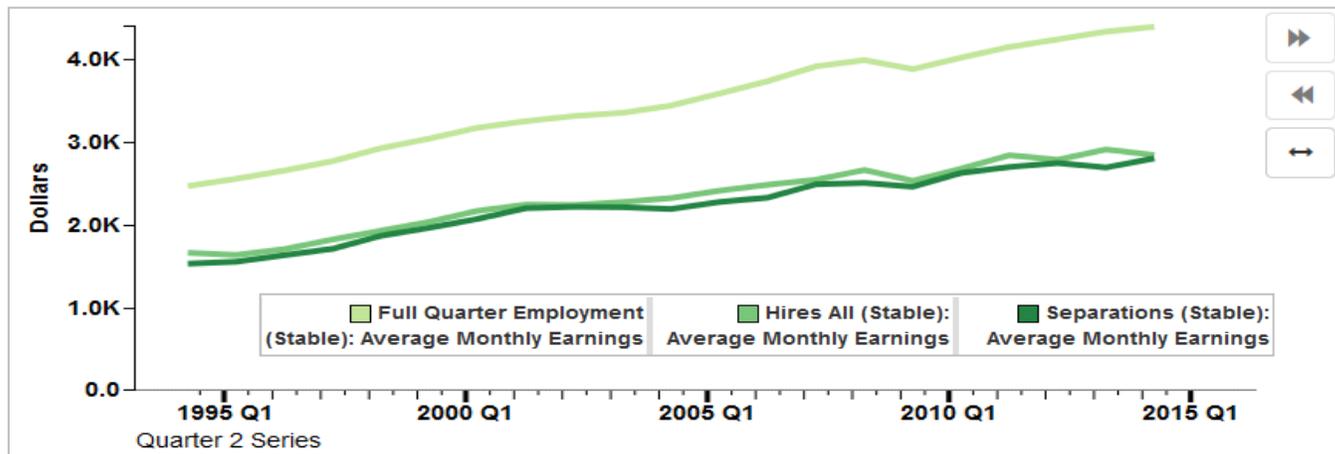
Employment Rates

MILITARY SPECIALIZATION ▾ SERVICE CHARACTERISTIC ▾ DEMOGRAPHIC ▾ INDUSTRY ▾ HELP ?



Takeaways: Why Are LED Data Tools Important?

- Accessibility
- “Explorability”
- Provide context
- Visualizations lead to insight
- Promote/market the data
- Provide “value-add” for our state partners



Q & A and Thank You!

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