



SOUTH DAKOTA

DEPT. OF LABOR  
& REGULATION

Labor Market Information Center  
605.626.2314 | [dlr.sd.gov/lmic](http://dlr.sd.gov/lmic)

# Labor Market Data at Your Fingertips:

EXPLORING THE VIRTUAL  
LABOR MARKET DATA SYSTEM

# Overview

- Introduction to Labor Market Information (LMI)
- Explore the Labor Market Virtual Data System and LMIC Website
  - Discover data available on LMIC website and/or Labor Market Virtual Data System

# What is LMI?

- Data or analysis that relates to the workforce in an area.
- Collected using standardized terminology and categorization.
- Compiled according to standard statistical procedures governed by state and federal regulations
- Unbiased

**Labor Market  
INFORMATION**

# LMI Helps Provide Answers:



industry types



worker characteristics



# of workers



# of jobs



# of unemployed

LMI provides information on many topics



in-demand occupations



education statistics



economic health



hot future jobs



average wages



types of current jobs

# LMI Data Categories

## Employment

- Workers by Occupation
- Workers by Industry

## Wage Data

- By Industry
- By Occupation

## Labor Supply & Labor Force Data

- Employed & Unemployed
- Underemployed
- Discouraged Workers
- Unemployment Rate

## Demographics

- Population Characteristics
- Workforce Characteristics
- Commuting Patterns

## Career Planning Data

- Occupational interests, skills, abilities
- Training/education requirements
- Projected employment & demand
- Wages

# Some Basic Definitions

## Employed

- Worked at least one hour for pay or other compensation.
- Worked during the calendar week or pay period that includes the **12th day of the month.**

Employed  
Εμπλοημεσ

# Some Basic Definitions

## Unemployed

- Must have no job attachment (not **expected** to be recalled).
- Must be available and **actively** seeking work.
- Can be experienced worker, new entrant or re-entrant into the labor force.

Unemployed

# Some Basic Definitions

## Labor Force

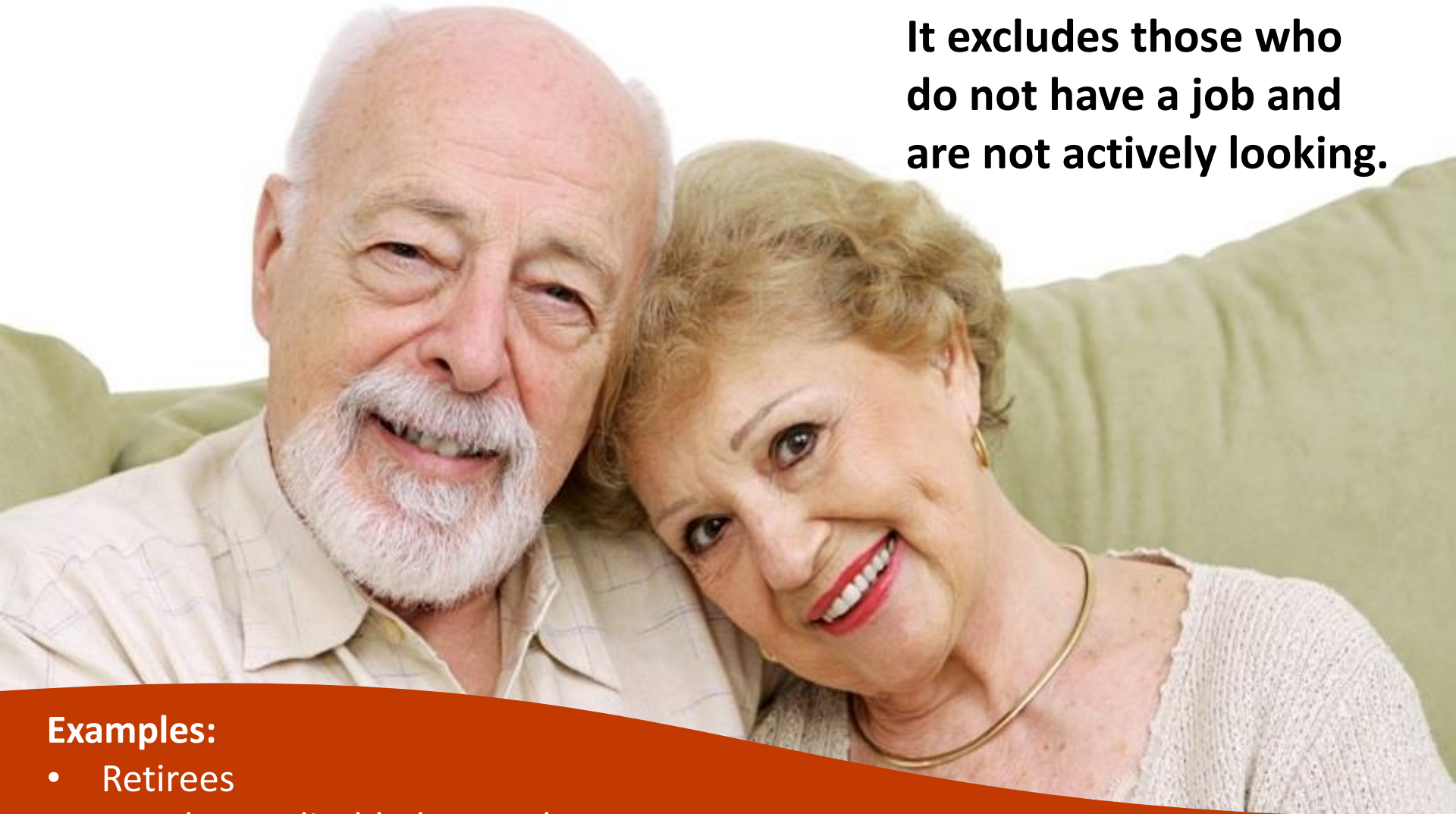
- Must be at least 16 years old
- Total of Employed + Unemployed
- Does **NOT** include military personnel or persons in institutions, such as nursing homes or prisons

Labor Force



# Not every adult is in the labor force.

It excludes those who do not have a job and are not actively looking.



## Examples:

- Retirees
- People too disabled to work
- Stay-at-home parents

# Some Basic Definitions

## Unemployment Rate

- Total Unemployed ÷ Total Labor Force

Unemployment Rate

# Industrial Classification

## **NAICS – North American Industry Classification System**

- Six-digit system
- Identifies businesses by product made or sold or by service provided
- Used in Canada, U.S. and Mexico



# Industrial

# Occupational Classification

## **SOC** – Standard Occupational Code

- Classifies occupations according to tasks performed and skills utilized
- Used in O\*Net and CareerInfoNet



Occupational  
Occupational

# South Dakota LMI Resources

The screenshot shows the homepage of the South Dakota Labor Market Information Center. At the top, there is a navigation bar with links for CONTACT US, UPCOMING EVENTS, NEWS, PUBLICATIONS, and JOIN OUR TEAM. Below this is a header area featuring the South Dakota Department of Labor & Regulation logo, the name of the Cabinet Secretary, Marcia Hultman, and utility buttons for finding forms, logging in, and learning about programs. A left sidebar contains a menu of resources such as Home to LMIC, Virtual Labor Market Data System, and various reports. The main content area is titled 'Labor Market Information Center' and provides an overview of the center's mission, contact information, and links to related publications like 'What's New', 'Economic Snapshot', and 'Labor Bulletin'.

**SOUTH DAKOTA DEPT. OF LABOR & REGULATION**

Marcia Hultman  
Cabinet Secretary

Font Size: A A A  
Select Language  
Powered by Google Translate

FIND A FORM LOGIN FOR ONLINE SERVICES LEARN ABOUT PROGRAMS

## Labor Market Information Center

The Labor Market Information Center collects, analyzes and provides to the public information on the labor market of the state. This includes information such as employment levels, unemployment rates, wage and earnings data, estimates of available labor, employment projections, business staffing patterns, career planning information, etc. Among those who use our information are employers, career decision makers, and education, economic development, job placement and training program planners.

The Labor Market Information Center is South Dakota's representative for federal-state cooperative programs with the U.S. Bureau of Labor Statistics, and therefore has access to and expertise on labor market information for the nation and other states.

### Contact Us

Labor Market Information Center  
South Dakota Department of Labor and Regulation  
P.O. Box 4730  
Aberdeen, SD 57402-4730  
Phone: 605.626.2314 or 1.800.592.1881  
Fax: 605.626.2322  
[email](#)

[What's New](#) [Economic Snapshot](#) [Labor Bulletin](#)

- Home to LMIC
- Virtual Labor Market Data System
- Career Exploration & Planning
- Consumer Price Index
- Demographics
- Economic Snapshot
- Employment Projections
- Labor Force & Unemployment
- Labor Market Barometer
- Labor Supply
- Overview of the Current Labor Market
- Wages & Income
- Workers by Industry
- Tools & Resources
- Publications
- References

Labor Market Information Center Website

[www.dlr.sd.gov/lmic](http://www.dlr.sd.gov/lmic)

# Overview of Programs

Overview of statistical programs conducted in cooperation with the U.S. Bureau of Labor Statistics:

[http://dlr.sd.gov/lmic/program\\_overviews.aspx](http://dlr.sd.gov/lmic/program_overviews.aspx)

- **Current Employment Statistics (CES)** – nonfarm wage and salaried worker statistics
- **Local Area Unemployment Statistics (LAUS)** – estimates of employed and unemployed; unemployment rate
- **Occupational Employment Statistics (OES)** – employment and wage estimates for occupations
- **Quarterly Census of Employment and Wages (QCEW)** – count of employment and wages reported by employers in the unemployment insurance program.

# Overview of Programs

[http://dlr.sd.gov/lmic/program\\_overviews.aspx](http://dlr.sd.gov/lmic/program_overviews.aspx)

Page also contains links to tables that comparing BLS programs and concepts used.

	Local Area Unemployment Statistics (LAUS) Labor Force	Current Employment Statistics (CES) Nonfarm Employment	Quarterly Census of Employment & Wages (QCEW) Covered Workers	Local Employment Dynamics (LED) Quarterly Workforce Indicators	Occupational Employment Statistics (OES)
<b>Data Collection Instrument</b>	Monthly sample based on the Current Population Survey (CPS), a national household survey conducted by the U.S. Census Bureau.	Monthly survey of businesses. The current active CES sample includes approximately 2,000 individual worksites.	Quarterly state-mandated UI contribution report based on the physical location of business establishment, which includes employment count during reference week and corresponding quarterly wages.	Data sources include UI wage records, which provide employment and earnings data at the job level; QCEW, which provides detailed employer information; Business Dynamics Statistics (BDS); and demographic data sources, including 2000 Census, Social Security Administration and individual tax returns.	Survey of businesses based on a three-year data collection cycle; surveys are sent out twice a year to capture data for the 2nd and 4th quarter reference periods.
<b>Reference Period</b>	Monthly	Monthly	Quarterly	Quarterly	Quarterly
<b>Data Measurement</b>	Number of people employed and unemployed by place of residence.	Number of jobs held.	Number of jobs held.	Number of jobs held.	Number of jobs held.
<b>Reference Period</b>	The week inclusive of the 12th calendar day.	The week inclusive of the 12th calendar day.	The week inclusive of the 12th calendar day.	The week inclusive of the 12th calendar day.	The week inclusive of the 12th calendar day.
<b>Definition</b>	Persons who, during the reference week, work at least one hour for pay/profit, or work at least 15 hours as an unpaid family worker, or are self-employed, or have a job but did not go to work.	Persons on establishment payrolls who receive pay for any part of the pay period which includes the 12th of the month.	Persons covered under state unemployment insurance (UI) laws or the Unemployment Compensation for Federal Employees (UCFE) program.	Persons who are employed and earning wages during the reference week.	Persons who are employed and earning wages during the reference week.
<b>Coverage Inclusion</b>	Includes persons who are 16 years or older, farm and nonfarm workers; self-employed; unpaid family workers; who worked 15 hours or more; and those temporarily absent from work.	Includes all ages of employed. Includes most covered workers and segments of non-covered employment (NCE).	Includes all ages who are paid a wage or salary from an employer liable to pay unemployment insurance. Agricultural workers and domestic workers are included if employer meets liability criteria.	Includes all ages who are paid a wage or salary from an employer liable to pay unemployment insurance. Agricultural workers and domestic workers are included if employer meets liability criteria.	Includes all ages who are paid a wage or salary from an employer liable to pay unemployment insurance. Agricultural workers and domestic workers are included if employer meets liability criteria.
<b>Coverage Exclusion</b>	Individuals not in the labor force, including those under age 16 or institutionalized.	Self-employed, agricultural workers, domestic workers and military.	Self-employed, military, unpaid family workers, railroad workers, work-study students, elected officials, or any business not covered by unemployment insurance.	Self-employed, military, unpaid family workers, railroad workers, work-study students, elected officials, or any business not covered by unemployment insurance.	Self-employed, military, unpaid family workers, railroad workers, work-study students, elected officials, or any business not covered by unemployment insurance.
<b>Statewide Estimates</b>	The monthly statewide employed estimates are prepared using economic models which incorporate data from the CPS, CES and unemployment insurance claims.	Statewide and MSA estimates are created using sample based estimates and a modeled series.	Industry employment data is calculated directly from UI reports.	Industry employment data is calculated directly from UI reports.	Industry employment data is calculated directly from UI reports.
<b>Substate Estimates</b>	Combination of the "building block" method that uses administrative data, economic models and disaggregation methodologies; substate estimates are controlled to statewide estimates. Note: Substate CPS household sample not sufficient to calculate substate estimates.	An economic model is used to produce preliminary estimates for current month nonfarm worker levels until covered worker data for this time period becomes available, at which point the preliminary estimates are updated.	Industry employment data is calculated directly from establishment-reported employment; establishment employment by county is based on establishment location.	Industry employment data is calculated directly from establishment-reported employment; establishment employment by county is based on establishment location.	Industry employment data is calculated directly from establishment-reported employment; establishment employment by county is based on establishment location.

What are the differences between Current Employment Statistics (CES)/ Quarterly Census of Employment & Wages (QCEW) and Current Population Survey (CPS) concepts?	
CES and QCEW	Current Population Survey (CPS)
CES and QCEW data pertain to filled jobs.	CPS data pertain to persons.
A person may be included more than once if they hold more than one job.	A person is included only once.
The reference period is the pay period which includes the 12th of the month. It could be weekly, biweekly, semimonthly, etc.	The reference period is the calendar week which includes the 12th of the month.
If a person is on an unpaid leave of absence during the payroll period including the week of the 12th of the month, therefore not on payroll, then that person is not included.	A person is included as employed during an unpaid absence because they have a job to which to return.
CES and QCEW are establishment-based data, based on place of work.	CPS are household-based data, based on place of residence.
Age is not a factor.	Persons must be 16 years of age or older.
QCEW data are for only UI covered industries. CES includes non-covered employment (NCE) workers.	CPS includes all employed persons. Industry UI coverage is not a concern.
CES and QCEW do not include self-employed and unpaid family workers. They include some, but not all, domestic and agricultural workers.	CPS includes self-employed, unpaid family, domestic, and agricultural workers.
QCEW is a report, not a survey. CES is a sample-based survey.	CPS is a sample-based survey.
QCEW data are universe counts. CES data are estimates, rather than counts.	CPS data are estimates, rather than counts.

# Let's explore!

Home to LMIC	
Virtual Labor Market Data System	
Career Exploration & Planning	
Consumer Price Index	
Demographics	▼
Economic Snapshot	
Employment Projections	▼
Labor Force & Unemployment	
Labor Market Barometer	
Labor Supply	
Overview of the Current Labor Market	
Wages & Income	▼
Workers by Industry	▼
Tools & Resources	▼
Publications	▼
References	▼
What's New	
Can't Find It?	

[www.dlr.sd.gov/lmic](http://www.dlr.sd.gov/lmic)





# Hands-on/Live Demo:

## Virtual Labor Market Data System:

- Consumer Price Index
- Demographics
- Employment Projections
- Labor Force & Unemployment
- Wages & Income
- Workers by Industry

## LMIC Website

- Labor Supply
- What's New
- Economic Snapshot
- e-Labor Bulletin
- Career Exploration & Planning
- Tools & Resources
- References

Home to LMIC

Virtual Labor Market Data System

Career Exploration & Planning

Consumer Price Index

Demographics

Economic Snapshot

Employment Projections

Labor Force & Unemployment

Labor Market Barometer

Labor Supply

Overview of the Current Labor Market

Wages & Income

Workers by Industry

Tools & Resources

Publications

References

What's New

Can't Find It?

Home to LMIC

Virtual Labor Market Data System

Career Exploration & Planning

Consumer Price Index

Demographics



Economic Snapshot

Employment Projections



Labor Force & Unemployment

Labor Market Barometer

Labor Supply

Overview of the Current Labor Market

Wages & Income



Workers by Industry



Tools & Resources



Publications



References



What's New

Can't Find It?

Start at **LMIC's homepage menu** and select the data type of interest.

Will go to a page with:

- **Guidance** on what is available in virtual data system for that data set.
- **Direct link** to desired data set in virtual data system
- Any **additional data or analysis available** on LMIC's website using that type of data.

# References Page

## Labor Market Information Center

### References

[Definitions](#)

[Program Overviews](#)

[FAQ](#)

[Related Sites](#)

[Release Dates](#)

Need a definition or more information about a program? LMIC's **References** page contains definitions and program overviews. Also find FAQ, related sites (including links to other states' LMI agencies) and release dates.

[Home to LMIC](#)

[Virtual Labor Market Data System](#)

[Career Exploration & Planning](#)

[Consumer Price Index](#)

[Demographics](#)

[Economic Snapshot](#)

[Employment Projections](#)

[Labor Force & Unemployment](#)

[Labor Market Barometer](#)

[Labor Supply](#)

[Overview of the Current Labor Market](#)

[Wages & Income](#)

[Workers by Industry](#)

[Tools & Resources](#)

[Publications](#)

[References](#)

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Home to LMIC
Virtual Labor Market Data System
Career Exploration & Planning
Consumer Price Index
Demographics
Economic Snapshot
Employment Projections
Labor Force & Unemployment
Labor Market Barometer
Labor Supply
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Wages & Income
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Publications
References
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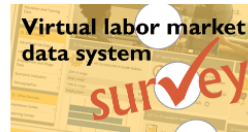
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### Now Trending



#### Webinar Training Opportunity

The South Dakota Retailers Association and the Department of Labor and Regulation hosted a webinar May 17 on how to access tons of labor market information helpful to employers. The training covered a demonstration of the virtual labor market data system with tips and tricks for tapping into occupational wage rates, industry employment trends, unemployment rates, labor force data and more. **Watch the recorded webinar on YouTube.**



#### Virtual Data System Users, We Want to Hear from You!

If you've had an opportunity to use the virtual labor market data system available from the second link at the left, we'd love your feedback! Please take a few minutes to complete our **user survey**. If you have not yet had an opportunity to use the virtual labor market data system, please take this opportunity to check out the wealth of information it has available.

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[email](#)

## We're here to help!

Contact information, including email, is on the LMIC homepage.



SOUTH DAKOTA  
**DEPT. OF LABOR  
& REGULATION**

**Brenda Weishaar**

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