



# Local Employment Dynamics

Colorado Department of Labor and Employment

BILL RITTER, JR.  
Governor

DONALD J. MARES  
CDLE Executive Director

ALEXANDRA E. HALL  
LMI Director



## LED

for Colorado is a partnership between U.S. Census Bureau and Colorado Labor Market Information. Sometimes referred to as Longitudinal Employer-Household Dynamics (LEHD).

- Where are the jobs?
- What are workers (and new hires) in a particular region and industry being paid?
- What are the characteristics of the labor force in a particular area?
- How high is worker turnover in specific areas and in specific industries?
- Where do workers live, and where do they work?



### Labor Market Information —

- Industry Employment & Wages
- Occupation Employment & Wages
- Demand for Workers Current Future

[www.coworkforce.com/](http://www.coworkforce.com/) **LMI Gateway**

*Where Colorado's Labor Market Information Works for You!*

www.coworkforce.com/LMIGateway

- Where are the jobs?
- What are workers (and new hires) in a particular region and industry being paid?

**Identifies:**

- Growth industries
- Industries hiring
- Worker pay by area and industry
- New hire pay by area and industry

**To Find:**

- Begin at [www.coworkforce.com/lmigateway](http://www.coworkforce.com/lmigateway)
- Go to **Products**, then choose **Local Employment Dynamics**
- Click **Industry Focus**
- Choose factors for desired information for **Screen 1**
- Click **View Report** to go to **Screen 2**
- Click desired industry to go to **Screen 3**

The screenshot shows the LMI Gateway website interface. The 'Products' menu is circled in red. Below it, a table lists various reports. 'Local Employment Dynamics (LED)' and 'Business Employment Dynamics (BED)' are circled in red. Red arrows labeled 'Step 1' and 'Step 2' point to these items.

To be used by businesses, educational institutions, placement agencies, workers, workforce centers

**Screen 2**

**Top 10 industries ranked on the greatest employment**  
 State=Colorado, County=117 Summit, Sex=Male and Female, Age=14-99  
 Private Firms Only

Rank	Industry	Average Quarterly Employment (2005Q4,2006Q1,2006Q2,2006Q3)	Average Quarterly New Hire Employment (2005Q4,2006Q1,2006Q2,2006Q3)	Average Monthly Earnings (\$) (2005Q4,2006Q1,2006Q2,2006Q3)	New Hire Earnings (\$) (2005Q4,2006Q1,2006Q2,2006Q3)
1	721 Accommodation	15,267	1,895	\$2,717	\$1,788
2	722 Food Services and Drinking Places	2,376	374	\$2,717	\$1,788
3	531 Real Estate	2,692	297	\$1,909	\$1,099
4	238 Specialty Trade Contractors	1,024	134	\$3,134	\$1,990
5	561 Administrative and Support Services	826	70	\$2,277	\$2,505
6	713 Amusement, Gambling, and Recreation Industries	710	90	\$2,904	\$1,900
7	541 Professional, Scientific, and Technical Services	647	81	\$2,190	\$1,232
8	448 Clothing and Clothing Accessories Stores	634	70	\$4,671	\$3,416
9	236 Construction of Buildings	600	89	\$1,600	\$1,044
10	621 Ambulatory Health Care Services	441	47	\$4,254	\$3,879
		331	49	\$3,935	\$2,367

*sample data*

**Screen 1**

**Industry Focus: Selecting Top Industries**

List the top  industries ranked by the greatest:

Ranking Indicator (Select One)	Include in report (Select One or More)	
<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	Employment <sup>1</sup> *
<input type="radio"/>	<input type="checkbox"/>	Growth in Employment <sup>1</sup>
<input type="radio"/>	<input type="checkbox"/>	Growth in hiring <sup>1</sup>
<input type="radio"/>	<input checked="" type="checkbox"/>	Number of new hires <sup>1</sup>
<input type="radio"/>	<input type="checkbox"/>	Firm Job Change <sup>1</sup>
<input type="radio"/>	<input checked="" type="checkbox"/>	Average monthly earnings for all workers <sup>1</sup>
<input type="radio"/>	<input type="checkbox"/>	Growth in average monthly earnings for all workers <sup>1</sup>
<input type="radio"/>	<input checked="" type="checkbox"/>	Average monthly earnings for new hires <sup>1</sup>

Age and Sex: Age  Sex

Geography: State

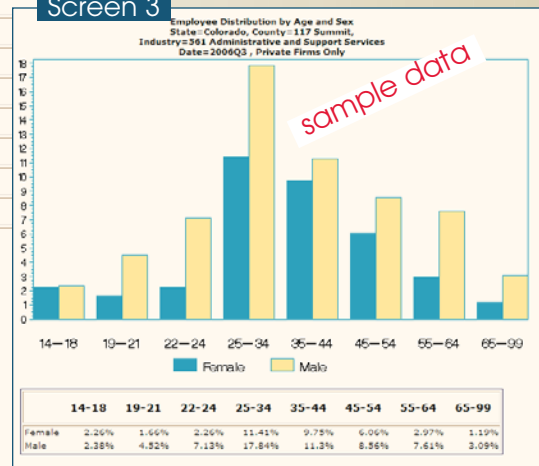
Entity:  Statewide  WIA  County  Metro Area

County:

Select Industry Level:  Industry Sector  Industries

Industry Sector:

**Screen 3**



This information has been brought to you by:

Labor Market Information  
 Colorado Dept. of Labor and Employment

For additional information, please contact:

Colorado Dept. of Labor and Employment  
 Labor Market Information  
 633 17th Street, Suite 600  
 Denver, CO 80202-3660  
 (303) 318-8852 — [lm@state.co.us](mailto:lm@state.co.us)

- What are the characteristics of the labor force in a particular area?
- How high is worker turnover in specific areas and in specific industries?

**Identifies:**

- Age
- Gender
- Geographic area
- Industry
- Quarter/Year

To be used by businesses, economic development groups, chambers of commerce, governmental agencies, Workforce Investment Boards, workers

**To Find:**

- Go to **Products**, then choose **Local Employment Dynamics**
- Click **Quarterly Workforce Indicators**
- Choose factors for desired chart

Table 1: All Workers, Summit County

LEHD State of Colorado County Reports - Quarterly Workforce Indicators

Select Criteria below. A new report will be created below as selections change.

Year: 2006 Geographic Grouping: County or Information by Detailed Industry  
 Quarter: Q3 County: 117 Summit  
 Sex: Male and Female Industry: All NAICS Sectors  
 AgeGroup: 14-99 Ownership: All(1-5)

sample data

QWI Quick Facts	Summit (Q3)	Summit (Avg: Selected + 3 Prior qtrs)	Colorado (Q3)	Colorado (Avg: Selected + 3 Prior qtrs)
Total Employment	16,120	17,225	2,180,864	2,149,544
Net Job Flows	-560	145	-45,928	3,727
Job Creation	938	2,288	139,880	160,538
New Hires	3,863	4,464	467,911	428,693
Separations	5,217	6,268	602,630	522,784
Turnover	15.8%	20.1%	13.4%	13.0%
Avg Monthly Earnings	\$2,949.00	\$2,748.75	\$3,614.00	\$3,599.50
Avg New Hire Earnings	\$2,032.00	\$1,787.50	\$2,379.00	\$2,427.75

Table 2: Specific Group, Summit County

LEHD State of Colorado County Reports - Quarterly Workforce Indicators

Select Criteria below. A new report will be created below as selections change.

Year: 2006 Geographic Grouping: County or Information by Detailed Industry  
 Quarter: Q3 County: 117 Summit  
 Sex: Male and Female Industry: 52 Finance and Insurance  
 AgeGroup: 14-99 Ownership: All(1-5)

sample data

QWI Quick Facts	Summit (Q3)	Summit (Avg: Selected + 3 Prior qtrs)	Colorado (Q3)	Colorado (Avg: Selected + 3 Prior qtrs)
Total Employment	225	240	111,684	111,090
Net Job Flows	2	-9	-3,155	-957
Job Creation	20	14	4,736	4,778
New Hires	23	24	12,780	12,349
Separations	32	41	17,763	14,990
Turnover	9.1%	13.3%	10.9%	10.3%
Avg Monthly Earnings	\$3,757.00	\$3,866.00	\$4,496.00	\$4,714.75
Avg New Hire Earnings	\$2,855.00	\$2,836.75	\$3,573.00	\$3,597.50

- Where do workers live, and where do they work?

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



**Identifies:**

- Where Summit County workers live
- Where Summit County residents work

To be used by businesses, transportation agencies, educational institutions, economic development groups, Workforce Investment Boards

**To Find:**

- Go to **Quick Links**.
- Click **On the MapV2**.
- Spell out **Summit** in the blank and select **Enter**.
- When **Lookup Results** appear, select **Summit County** and click on **County Map** button.
- Click on **Create/Change Overlay**, select **Create Travel Sheds**, and make choices including the **Layer Selection** tool.
- Choose **Counties**.
- Draw a line through **Summit County**, careful not to touch any other counties.
- Select **Points**.



This LED map shows where people who work in Summit County live.

## Programs—Labor Market Information

*Labor Market Information (LMI) in the Colorado Department of Labor and Employment collects and analyzes information about employment across the State of Colorado. Data*

*about industry employment and wages, occupational employment and wages, and both current and future demand for workers, are composed and studied.*

### ● QCEW

The **Quarterly Census of Employment and Wages (QCEW)** program publishes a quarterly census of employment and wages reported by Colorado employers covering 98% of non-farm wage and salary workers. This information is available at the county, MSA, and state levels by industry.

### ● CES

Each month **Current Employment Statistics (CES)** surveys businesses and government agencies representing approximately 6,000 individual worksites. This survey provides detailed industry data on employment, hours, and earnings of workers on non-farm payrolls.

### ● LAUS

The **Local Area Unemployment Statistics (LAUS)** program produces monthly and annual employment, unemployment, and labor force data for Census regions and divisions, states, counties, metropolitan areas, and many cities, by place of residence.

### ● OES

The **Occupational Employment Statistics (OES)** program produces employment and wage estimates for over 800 occupations. Estimates include the number of people employed in specific occupations and estimates of the wages paid for work performed in each occupation. Self-employed persons are not included in the estimates. These estimates are available for the nation as a whole, for individual states, and for metropolitan areas; state and national occupational estimates for specific industries are also available.

### ● MLS

The **Mass Layoff Statistics (MLS)** program reports on mass layoff actions. Monthly numbers come from establishments with at least 50 initial claims for unemployment insurance filed against them during a 5-week period. Summary reports on mass layoffs are available quarterly.

### ● PROJECTIONS UNIT

The **Projections Unit** is responsible for 16 sets of industry employment forecasts per year, half of which are long term projections covering ten years, with the remainder focusing on short term forecasts covering 2 years. Long term projections are conducted annually; short term, semi-annually, for the State of Colorado and seven regions: Denver/Aurora, Boulder/Longmont, Colorado Springs, Ft. Collins/Loveland, Greeley, Pueblo, and Grand Junction. Collected data are converted to occupational projections for the same regions and time periods. The Projections Unit also conducts a variety of ad-hoc research projects and assists workforce centers and others in regional information requests.

### ● LOCAL EMPLOYMENT DYNAMICS

**Local Employment Dynamics (LED)** is a voluntary partnership between state labor market information agencies and the U.S. Census Bureau. Through LED, information about demographic and economic workforce indicators detailing employment by industry and geographic regions, job creation, wages, worker characteristics and turnover rates is provided.

### ● SURVEY UNIT

The **Survey Unit** collects data for several LMI programs and completes unem-

ployment customer satisfaction surveys. They are currently involved in the collection of information about customer satisfaction with workforce center services across the State of Colorado.

### ● WEB AND DATABASE SERVICES

**Web and Database Services** is the technical side of LMI. This unit works to maintain the LMI website and update it with current data. A new web site, [www.coworkforce.com/lmigateway](http://www.coworkforce.com/lmigateway), is currently being introduced. This site is designed to address the labor market information needs for a variety of LMI customers.

### ● TRAINING AND OUTREACH

**Training and Outreach** is a newly consolidated unit within LMI. It is responsible for the presentation of labor market information and product development for LMI customers. This unit represents an effort toward greater training and outreach services with an increased responsiveness to the customer needs of other units in CDLE, local workforce centers, local government, economic development groups, chambers and other business organizations, as well as educational institutions.

### ● UIRR

**Unemployment Insurance Research and Reporting (UIRR)** unit creates monthly, quarterly, and annual reports that are transmitted to the Federal Government. This unit completes fiscal and solvency analyses of unemployment funds.

