

# DOWNLOAD CENTER

*Instruction Manual*



**Virginia Works**

Economic Information Services Division

Labor Market Information

[www.Virginiaworks.com](http://www.Virginiaworks.com)

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## Overview

Thank you for visiting the new Download Center! This resource was designed to compliment our [Labor Market Analysis](#) tool by giving our customers the ability to access many of our data sets in a downloadable flat-file format. All of the data files are updated automatically when we make changes to our database, so please be sure to check back regularly.

As you browse through the Download Center, you will notice that we have setup a separate directory for each data set available. We divided some of our larger data sets into smaller files to reduce the download size and to make them easier to work with. You will need to uncompress the files using a free utility such as [StuffIt Expander®](#) or [WinZip®](#).

All files in the download center are in a tab-delimited format, which can easily be imported into applications such as Microsoft Excel, Microsoft Access, SPSS, STATA, SQL Server, Oracle, etc. Please note, however, that some of the files included in the Download Center exceed the maximum amount of rows supported by Microsoft Excel, so you may need to use another program to work with the data.

## Directory Structure

### C E S

Produced monthly by the Current Employment Statistics (CES) program, this data set provides detailed industry data on employment, hours, and earnings of workers on non-farm payrolls.

C O L U M N	T Y P E	D E S C R I P T I O N
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>seriescode</b>	char(8)	Industrial Series code.
<b>seriesttll</b>	varchar(120)	Long title used to describe industry division.
<b>adjusted</b>	char(1)	Indicates if record contains seasonally adjusted data. 1 = adjusted 0 = not adjusted
<b>benchmark</b>	char(4)	Benchmark year of the data.
<b>empces</b>	number(9,0)	Number employed by place of work; actual number, not in thousands.

COLUMN	TYPE	DESCRIPTION
<b>empprodwrk</b>	number(9,0)	Number of Production workers; actual number, not in thousands.
<b>empfemale</b>	number(9,0)	Number of females employed; actual number, not in thousands.
<b>hours</b>	number(3,1)	Average hours worked per week.
<b>earnings</b>	number(8,2)	Average weekly earnings.
<b>hourearn</b>	number(6,2)	Average hourly earnings.
<b>supprecord</b>	char(1)	Suppress total record. 1 = Suppressed 0 = Not Suppressed
<b>supphe</b>	char(1)	Suppress hours and earnings. 1 = Suppressed 0 = Not Suppressed
<b>supppw</b>	char(1)	Suppress production workers. 1 = Suppressed 0 = Not Suppressed
<b>suppfem</b>	char(1)	Suppress female employment. 1 = Suppressed 0 = Not Suppressed

## COMMUTE

Commuting patterns produced by the U.S. Census Bureau. Each record contains a geographic area of a worker's residence (stfips, areatype, area) and the geographic area of a worker's place of work (wkstfips, wkareaty, wkarea) and the number of workers that fall into this commuting pattern.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>wkstfips</b>	char(2)	State FIPS code of workplace.
<b>wkstatename</b>	varchar(20)	State name of workplace.
<b>wkareaty</b>	char(2)	Area type code for workplace.
<b>wkareatyname</b>	varchar(40)	Descriptive title of the workplace areatype.
<b>wkarea</b>	char(6)	Area code for workplace.
<b>wkareaname</b>	varchar(60)	Geographic area name of workplace.
<b>workers</b>	number(8,0)	Number of workers.



ESAPPLIC

Contains detailed demographic characteristics data for the job applicants.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>occcode</b>	char(10)	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc.
<b>occcodetitle</b>	varchar(115)	The descriptive title for this occupation or training code.
<b>gender</b>	char(1)	Gender code.
<b>genderdesc</b>	varchar(12)	Gender description.
<b>agegroup</b>	char(2)	Code representing age group.
<b>agegrpdesc</b>	varchar(20)	Age group description.
<b>raceethn</b>	char(5)	Code indicating ethnicity and race of claimants.



<b>C O L U M N</b>	<b>T Y P E</b>	<b>D E S C R I P T I O N</b>
<b>racetitle</b>	varchar(75)	Race-ethnicity description.
<b>veteran</b>	char(1)	Code representing veteran status.
<b>vetdesc</b>	varchar(60)	Description or title of veteran type.
<b>highestgrd</b>	char(2)	Code indicating the highest school grade completed.
<b>highgrdesc</b>	varchar(20)	Description of highest school grade completed code.
<b>disabled</b>	char(1)	Code indicating handicapped claimants.
<b>disabldesc</b>	varchar(20)	Description of disability code.
<b>seasonal</b>	char(1)	Code indicating seasonal or migrant workers.
<b>seasondesc</b>	varchar(20)	Description of seasonal code.
<b>econdisadv</b>	char(1)	Code indicating those who are economically disadvantaged.
<b>ecodisdesc</b>	varchar(30)	Description of economically disadvantaged code.
<b>dislocated</b>	char(1)	Code indicating dislocated workers.
<b>dislocdesc</b>	varchar(20)	Description of dislocated worker code.
<b>applicants</b>	number(8,0)	Number of current applicants.

## INCOME

Contains income data produced by the Bureau of Economic Analysis and the U.S. Census Bureau.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>inctype</b>	char(2)	Code describing type of income measure.
<b>incdesc</b>	varchar(75)	Income measure description.
<b>incsource</b>	char(1)	Source of the income measure.
<b>incsrcdesc</b>	varchar(40)	Description of income source.
<b>income</b>	number(14,0)	Value of income measure.
<b>inckrank</b>	number(3,0)	Rank of income measure.
<b>population</b>	number(10,0)	Population of the geography referenced. (related to inctype e.g., number of households, number of families, number of persons)

## INDUSTRY

Includes covered employment by industry data produced by the Quarterly Census of Employment and Wages (QCEW) program.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertydesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>indcodty</b>	char(2)	Code describing the industry code type.
<b>codetydesc</b>	varchar(40)	Title of classification code.
<b>indcode</b>	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.
<b>codetitle</b>	varchar(75)	The descriptive title for this industry code.
<b>ownership</b>	char(2)	Ownership is a two-digit indicator that identifies the employer by public or private ownership.
<b>ownertitle</b>	varchar(40)	Title of ownership.

COLUMN	TYPE	DESCRIPTION
<b>firms</b>	number(8,0)	The number of firms in the industry.
<b>estab</b>	number(8,0)	The number of employer establishments in the industry. (reporting units)
<b>avgemp</b>	number(9,0)	The number of workers employed in the industry.
<b>mnth1emp</b>	number(9,0)	Employment on the first month of the quarter.
<b>mnth2emp</b>	number(9,0)	Employment on the second month of the quarter.
<b>mnth3emp</b>	number(9,0)	Employment on the third month of the quarter.
<b>topempav</b>	number(9,0)	Average employment for the quarter or year of the top employer for the specified geography and industry code.
<b>totwage</b>	number(14,0)	The total wages paid to all workers in the industry for the period.
<b>avgwk wage</b>	number(8,0)	Average weekly wage per worker.
<b>taxwage</b>	number(14,0)	Total taxable wages.
<b>contrib</b>	number(12,0)	Employer contributions to the UI fund.
<b>suppress</b>	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed

INDUSTRY\_BY\_SIZE

Quarterly Census of Employment and Wages data aggregated by size of establishment.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertydesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>indcodty</b>	char(2)	Code describing the industry code type.
<b>codetydesc</b>	varchar(40)	Title of classification code.
<b>indcode</b>	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.
<b>codetitle</b>	varchar(75)	The descriptive title for this industry code.
<b>ownership</b>	char(2)	Ownership is a two-digit indicator that identifies the employer by public or private ownership.
<b>ownertitle</b>	varchar(40)	Title of ownership.

COLUMN	TYPE	DESCRIPTION
<b>sizeclass</b>	char(2)	Two digit code identifying the size of the establishment's workforce.
<b>sizedesc</b>	varchar(40)	Description or title of sizeclass.
<b>estab</b>	number(8,0)	The number of employer establishments in the industry. (reporting units)
<b>avgemp</b>	number(9,0)	The number of workers employed in the industry.
<b>mnth1emp</b>	number(9,0)	Employment on the first month of the quarter.
<b>mnth2emp</b>	number(9,0)	Employment on the second month of the quarter.
<b>mnth3emp</b>	number(9,0)	Employment on the third month of the quarter.
<b>topempav</b>	number(9,0)	Average employment for the quarter or year of the top employer for the specified geography and industry code.
<b>totwage</b>	number(14)	The total wages paid to all workers in the industry for the period.
<b>avgwk wage</b>	number(8,0)	Average weekly wage per worker.
<b>suppress</b>	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed

## INDUSTRY\_OCCUPATION\_PROJECTIONS

Includes industry and occupation projections produced by economists at the Virginia Department of Workforce Development and Advancement. This data also includes a staffing patterns matrix, which links occupations to industry.

### indprj

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatype</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodid</b>	char(2)	A two digit code identifying the base and projected periods.
<b>perioddesc</b>	varchar(60)	Description of period range.
<b>matincode</b>	char(10)	Matrix industry code from Micro Matrix.
<b>matintitle</b>	varchar(60)	Industry title.
<b>estindprj</b>	number(9,0)	A numerical value representing a base year employment estimate for an industry.
<b>projindprj</b>	number(9,0)	A value representing the projected year employment estimate for an industry.
<b>grrate</b>	number(7,4)	A value representing the annualized percentage growth. This value is calculated by dividing the Projected year by the Base year. Taking the results to the 1/n power, where n is the number of years in the projection period, subtracting 1 from the result and multiplying that result by 100.

		$grrate = (((projindprj/estindprj)^{(1/10)} - 1) * 100$
<b>C O L U M N</b>	<b>T Y P E</b>	<b>D E S C R I P T I O N</b>
<b>nchg</b>	number(9,0)	Numeric change between the projected estimate and the base estimate.
<b>pchg</b>	number(7,4)	Percent change over period $((projindprj - estindprj) / estindprj) * 100$
<b>growcode</b>	char(2)	A descriptor to allow for state specific interpretation of the industry or occupation.
<b>growdesc</b>	varchar(20)	Brief description interpreting the growth of the industry or occupation.
<b>suppress</b>	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed



occprj

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodid</b>	char(2)	A two digit code identifying the base and projected periods.
<b>perioddesc</b>	varchar(60)	Description of period range.
<b>matocode</b>	char(10)	Matrix occupation code from Micro Matrix.
<b>matocctitl</b>	varchar(60)	Occupation title.
<b>estoccprj</b>	number(9,0)	A value representing a base year employment estimate for an occupation.
<b>projoccprj</b>	number(9,0)	A numerical value representing the projected year employment estimate for an occupation.
<b>grrate</b>	number(7,4)	A value representing the annualized percentage growth. This value is calculated by dividing the Projected year by the Base year. Taking the results to the 1/n power, where n is the number of years in the projection period, subtracting 1 from the result and multiplying that result by 100. $grrate = (((projoccprj/estoccprj)^{(1/10)}) - 1) * 100$
<b>nchg</b>	number(9,0)	Numeric change between the projected estimate and the base estimate.

COLUMN	TYPE	DESCRIPTION
<b>pchg</b>	number(7,4)	Percent change over period $\frac{(\text{projocprj} - \text{estocprj})}{\text{estocprj}} * 100$
<b>aopeng</b>	number(9,0)	A value representing the annual average openings due to growth. The value is calculated by subtracting the Base Year Employment estimate from the Projected Year Employment estimate, then dividing by the number of years in the projection period. $(\text{projocprj} - \text{estocprj}) / \# \text{ of years}$ .
<b>aopenr</b>	number(9,0)	A value representing the annual average openings due to net replacement. The value is calculated by dividing the total openings due to net replacements (in the projection period) by the number of years in the projection period.
<b>aopent</b>	number(9,0)	A value representing the total annual average openings due to growth and net replacements.
<b>growcode</b>	char(2)	A descriptor to allow for state specific interpretation of the industry or occupation.
<b>growdesc</b>	varchar(20)	Brief description interpreting the growth of the industry or occupation.
<b>suppress</b>	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed

**iomatrix**

<b>COLUMN</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodid</b>	char(2)	A two digit code identifying the base and projected periods.
<b>perioddesc</b>	varchar(60)	Description of period range.
<b>matincode</b>	char(10)	Matrix industry code from Micro Matrix.
<b>matintitle</b>	varchar(60)	Industry title.
<b>matocode</b>	char(10)	Matrix occupation code from Micro Matrix.
<b>matocctitl</b>	varchar(60)	Occupation title.
<b>estemp</b>	number(9,0)	The base-year employment estimate.
<b>projemp</b>	number(9,0)	The projected-year employment estimate.
<b>pctestind</b>	number(6,2)	The percentage of the base-year employment estimate for the indicated industry represented by the base-year employment estimate for the indicated occupation within that industry.
<b>pctestocc</b>	number(6,2)	The percentage of the base-year employment estimate for the indicated occupation represented by the base-year employment estimate for the indicated industry within that occupation.

C O L U M N	T Y P E	D E S C R I P T I O N
<b>pctprojind</b>	number(6,2)	The percentage of projected employment for the indicated industry represented by projected employment for the indicated occupation within that industry.
<b>pctprojocc</b>	number(6,2)	The percentage of the projected employment estimate for the indicated occupation represented by the projected employment estimate for the indicated industry within that occupation.
<b>nchg</b>	number(9,0)	Numeric change between the projected estimate and the base estimate.
<b>pchg</b>	number(7,4)	Percent change over period. $((\text{projemp} - \text{estemp}) / \text{estemp}) * 100$
<b>suppress</b>	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed

## LABORCE

Employment and unemployment estimates reported from the Local Area Unemployment Statistics (LAUS) program.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>adjusted</b>	char(1)	Indicates adjusted data. 0 = Not Adjusted 1 = Adjusted
<b>prelim</b>	char(1)	Indicates preliminary data. 0 = Not Preliminary 1 = Preliminary
<b>benchmark</b>	char(4)	Benchmark year of the data.
<b>laborforce</b>	number(9,0)	Civilian labor force.
<b>emplab</b>	number(9,0)	Number employed by place of residence.

COLUMN	TYPE	DESCRIPTION
<b>unemp</b>	number(9,0)	Number unemployed.
<b>unemprate</b>	number(5,1)	Unemployment rate.

LED

Produced by the U.S. Census Bureau, the Local Employment Dynamics (LED) data supplies statistics on employment, job creation, turnover, and earnings by industry, age and sex.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>naicscode</b>	char(6)	A code used in the North American Industry Classification System (NAICS).
<b>ownership</b>	char(2)	Ownership is a two-digit indicator that identifies the employer by public or private ownership.
<b>ownertitle</b>	varchar(40)	Title of ownership.
<b>gender</b>	char(1)	Gender code.
<b>genderdesc</b>	varchar(12)	Gender description.
<b>agegroup</b>	char(2)	Code identifying the age group.

<b>C O L U M N</b>	<b>T Y P E</b>	<b>D E S C R I P T I O N</b>
<b>agegrpdesc</b>	varchar(20)	Age group description.
<b>HirA</b>	number(9,0)	Hires All: Counts
<b>Emp</b>	number(9,0)	Employment: Counts
<b>EmpEnd</b>	number(9,0)	Employment end-of-quarter: Counts
<b>EmpS</b>	number(9,0)	Employment stable jobs: Counts
<b>TurnOvrS</b>	number(7,3)	Turnover stable jobs: Ratio
<b>HirAS</b>	number(9,0)	Hires All stable jobs: Counts
<b>FrmJbGnS</b>	number(9,0)	Firm Gain stable jobs: Counts
<b>FrmJbLsS</b>	number(9,0)	Firm Loss stable jobs: Counts
<b>FrmJbCS</b>	number(9,0)	Firm Change stable jobs: Net Change
<b>SepS</b>	number(9,0)	Separations stable jobs: Counts
<b>HirN</b>	number(9,0)	Hires New: Counts
<b>HirNS</b>	number(9,0)	Hires New stable jobs: Counts
<b>FrmJbGn</b>	number(9,0)	Firm Job Gains: Counts
<b>FrmJbLs</b>	number(9,0)	Firm Job Loss: Counts
<b>FrmJbC</b>	number(9,0)	Firm jobs change: Net Change
<b>HirR</b>	number(9,0)	Hires Recalls: Counts
<b>Sep</b>	number(9,0)	Separations: Counts
<b>EmpTotal</b>	number(9,0)	Employment reference quarter: Counts
<b>Payroll</b>	number(12,0)	Total quarterly payroll: Sum
<b>NEmpHirA</b>	number(6,1)	Hires All: Average quarters of non-employment



<b>C O L U M N</b>	<b>T Y P E</b>	<b>D E S C R I P T I O N</b>
<b>NEmpHirN</b>	number(6,1)	Hires New: Average quarters of non-employment
<b>NEmpHirR</b>	number(6,1)	Hire Recalls: Average quarters of non-employment
<b>NEmpSep</b>	number(6,1)	Separations: Average periods of non-employment
<b>EarnEnd</b>	number(9,0)	Employees end-of-quarter : Average monthly earnings
<b>EarnS</b>	number(9,0)	Employees stable jobs: Average monthly earnings
<b>EarnHirAS</b>	number(9,0)	Hires All stable jobs: Average monthly earnings
<b>EarnSepS</b>	number(9,0)	Separations stable jobs: Average monthly earnings
<b>EarnHirNS</b>	number(9,0)	Hires New stable jobs: Average monthly earnings
<b>EarnHirAC</b>	number(9,0)	Hires All: Average change in monthly earnings
<b>EarnSepC</b>	number(9,0)	Separations: Average change in monthly earnings

## IOWAGE

Contains wage estimates produced by the Occupational Employment Statistics (OES) program for over 800 occupations. These are estimates of the number of people employed in certain occupations, and estimates of the wages paid to them. Self-employed persons are not included.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatypename</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>indcodty</b>	char(2)	Code describing the industry code type.
<b>indcodtydesc</b>	varchar(40)	Title of classification code.
<b>indcode</b>	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.
<b>indcodetitle</b>	varchar(75)	The descriptive title for this industry code.
<b>occodtype</b>	char(2)	Code describing the type of occupational coding system.
<b>occodtydesc</b>	varchar(40)	Title of classification code.

COLUMN	TYPE	DESCRIPTION
<b>occcode</b>	char(10)	The occupational classification code used by the state for this data element. This code could be a DOT, OES, SOC, CENSUS, etc.
<b>occcodetitle</b>	varchar(75)	The descriptive title for this occupation or training code.
<b>wagesource</b>	char(1)	A code representing the source of the wage data.
<b>wagesrdesc</b>	varchar(60)	A description of the source of the wage data.
<b>ratetype</b>	char(1)	Code which identifies the type of wage rate.
<b>ratetydesc</b>	varchar(40)	A description of the type of wage rate.
<b>empcount</b>	number(10,0)	Total employment.
<b>mean</b>	number(9,2)	Response rate for the occupation's actual or real survey data. Does NOT include imputed data in the rate calculation.
<b>entrywg</b>	number(9,2)	Entry level wage for the occupation, mean of the first third (ALC definition).
<b>experience</b>	number(9,2)	Experienced level wage for the occupation, mean of upper two thirds (ALC definition).
<b>pct10</b>	number(9,2)	Wage at tenth percentile.
<b>pct25</b>	number(9,2)	Wage at twenty-fifth percentile.
<b>median</b>	number(9,2)	Median wage of the occupation; also the wage at fiftieth percentile.
<b>pct75</b>	number(9,2)	Wage at seventy-fifth percentile.
<b>pct90</b>	number(9,2)	Wage at ninetieth percentile.
<b>udpct</b>	number(3,0)	User defined percentile.

COLUMN	TYPE	DESCRIPTION
<b>udpctwage</b>	number(9,2)	Wage at user defined percentile.
<b>udrnglopct</b>	number(3,0)	Low percentile for user defined range.
<b>udrnghipct</b>	number(3,0)	High percentile for user defined range.
<b>udrngmean</b>	number(9,2)	Mean wage for user defined range.
<b>wpctrelerr</b>	number(6,2)	Relative percent error on wage.
<b>epctrelerr</b>	number(6,2)	Relative percent error on employment.
<b>suppress</b>	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppress employment data 2 = Suppress wage data 3 = Suppress employment & wage data

## PAYMENT

Contains government transfer payments data (e.g. unemployment insurance).

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertydesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>paytype</b>	char(2)	A two digit code indicating type of payment.
<b>paytydesc</b>	varchar(40)	A description of the type of government payment.
<b>weekspaid</b>	number(10,0)	Total number of weeks paid.
<b>amountpaid</b>	number(10,0)	Amount paid in thousands.

## POPULATION

Population data including decennial and annual estimates from the U.S. Census Bureau. Also includes population projections produced by the Virginia Employment Commission.

### popproj

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatypename</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>agegroup</b>	char(2)	Code identifying the age group.

<b>C O L U M N</b>	<b>T Y P E</b>	<b>D E S C R I P T I O N</b>
<b>agegrpdesc</b>	varchar(20)	Age group description.
<b>raceethn</b>	char(5)	Code indicating ethnicity and race of claimants.
<b>racetitle</b>	varchar(75)	Race-ethnicity description.
<b>gender</b>	char(1)	Gender code.
<b>genderdesc</b>	varchar(12)	Gender description.
<b>population</b>	number(10,0)	Number representing the population total for the specified geographic area and time period.

## population

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>popsource</b>	char(1)	Source code for population data.
<b>popsrctdesc</b>	varchar(40)	Description of population source.
<b>population</b>	number(10,0)	Number representing the population total for the specified geographic area and time period.



## STARTUP\_FIRMS

Produced from the Quarterly Census of Employment and Wages, this data set includes estimates for the number of startup firms for a geographic area and time period. The following criteria was used to produce this data set:

- 1.) Setup and liability date both occurred during the given time period
- 2.) Establishment had no predecessor UI Account Number
- 3.) Private Ownership
- 4.) Average employment is less than 250
- 5.) For multi-unit establishments, the parent company must also meet the above criteria.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>firms</b>	number(8)	Number representing the total number of startup firms for the specified geographic area and time period.

T A X

Contains revenue from taxes data.

<b>C O L U M N</b>	<b>T Y P E</b>	<b>D E S C R I P T I O N</b>
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>taxtype</b>	char(2)	A two digit code identifying type of tax.
<b>taxtypdesc</b>		A description of the tax.
<b>taxrevenue</b>	number(15)	Tax revenues.

## UICLAIMS\_CONTINUED

Contains detailed demographic characteristics data for the insured unemployed. This dataset contains “continued” claims only.

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>claimtype</b>	char(1)	Code describing the type of claim. 1 = Initial 2 = Continued 9 = Unknown
<b>occcode</b>	char(10)	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc.
<b>occcodetitle</b>	varchar(115)	The descriptive title for this occupation or training code.
<b>indcode</b>	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.

<b>C O L U M N</b>	<b>T Y P E</b>	<b>D E S C R I P T I O N</b>
<b>indcodetitle</b>	varchar(75)	The descriptive title for this industry code.
<b>agegroup</b>	char(2)	Code representing age group.
<b>agegrpdesc</b>	varchar(20)	Age group description.
<b>raceethn</b>	char(5)	Code indicating ethnicity and race of claimants.
<b>racetitle</b>	varchar(75)	Race-ethnicity description.
<b>gender</b>	char(1)	Gender code.
<b>genderdesc</b>	varchar(12)	Gender description.
<b>veteran</b>	char(1)	Code representing veteran status.
<b>vetdesc</b>	varchar(60)	Description or title of veteran type.
<b>highestgrd</b>	char(2)	Code indicating the highest school grade completed.
<b>highgrdesc</b>	varchar(20)	Description of highest school grade completed code.
<b>claimants</b>	number(8,0)	Number of UI claimants.

## UICLAIMS\_INITIALS

Contains monthly and weekly “initial” unemployment insurance claims data. In addition to the normal geographies, this dataset also aggregates the data by zip code. **Non-Virginia zip codes have been filtered out, so the sum of all zip codes will NOT equal the statewide total. The data is refreshed every week, which means the historical numbers may change slightly.**

COLUMN	TYPE	DESCRIPTION
<b>stfips</b>	char(2)	State FIPS code.
<b>statename</b>	varchar(20)	State name.
<b>areatype</b>	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
<b>areatyname</b>	varchar(40)	Descriptive title of the areatype.
<b>area</b>	char(6)	Six digit code assigned to represent a geographic area.
<b>areaname</b>	varchar(60)	Geographic area name.
<b>periodyear</b>	char(4)	Character representation of calendar year (e.g. 2008).
<b>periodtype</b>	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
<b>pertypdesc</b>	varchar(40)	A description of the period type.
<b>period</b>	char(2)	Period code. Will be set to '00' where periodtype is annual.
<b>startdate</b>	datetime	Start date of time period.
<b>enddate</b>	datetime	End date of time period.
<b>claimtype</b>	char(1)	Code describing the type of claim. 1 = Initial 2 = Continued 9 = Unknown
<b>claimants</b>	number(8,0)	Number of UI claimants.

## Technical Support

If you have troubles working with the files in the Download Center, please feel free to visit our [LMI website](#) and fill out our [contact form](#):

<http://www.vawc.virginia.gov/analyzer/email.asp?service=lmiadmin>