

# DOWNLOAD CENTER

*Instruction Manual*



**Virginia Employment Commission**

Economic Information & Analytics 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
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
seriescode	char(8)	Industrial Series code.
seriesttl	varchar(120)	Long title used to describe industry division.
adjusted	char(1)	Indicates if record contains seasonally adjusted data. 1 = adjusted 0 = not adjusted
benchmark	char(4)	Benchmark year of the data.
prelim	char(1)	Preliminary/revised flag. 0= Not Preliminary; 1 = Preliminary
empces	number(9,0)	Number employed by place of work; actual number, not in thousands.
empprodwrk	number(9,0)	Number of Production workers; actual number, not in thousands.

C O L U M N	T Y P E	D E S C R I P T I O N
empfemale	number(9,0)	Number of females employed; actual number, not in thousands.
hours	number(3,1)	Average hours worked per week.
earnings	number(8,2)	Average weekly earnings.
hourearn	number(6,2)	Average hourly earnings.
supprecord	char(1)	Suppress total record. 1 = Suppressed 0 = Not Suppressed
supphe	char(1)	Suppress hours and earnings. 1 = Suppressed 0 = Not Suppressed
supppw	char(1)	Suppress production workers. 1 = Suppressed 0 = Not Suppressed
suppfem	char(1)	Suppress female employment. 1 = Suppressed 0 = Not Suppressed
hoursallwrkr	numeric(3,1)	Average hours worked per week for all workers.
earningsallwrkr	numeric(8,2)	Average weekly earnings for all workers.
hourearnallwrkr	numeric(6,2)	Average hourly earnings for all workers.
suppheallwrkr	char(1)	Suppress hours and earnings for all workers: 0 = not suppressed; 1 = 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.

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
wkstfips	char(2)	State FIPS code of workplace.
wkstatename	varchar(20)	State name of workplace.
wkareaty	char(2)	Area type code for workplace.
wkareatyname	varchar(40)	Descriptive title of the workplace areatype.
wkarea	char(6)	Area code for workplace.
wkareaname	varchar(60)	Geographic area name of workplace.
workers	number(8,0)	Number of workers.

## ESAPPLIC

Contains detailed demographic characteristics data for the job applicants.

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
occcode	char(10)	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc.
occcodetitle	varchar(75)	The descriptive title for this occupation or training code.
agegroup	char(2)	Code representing age group.
agegrpdesc	varchar(20)	Age group description.
gender	char(1)	Gender code.
genderdesc	varchar(12)	Gender description.
raceethn	char(5)	Code indicating ethnicity and race of claimants.
racetitle	varchar(75)	Race-ethnicity description.
veteran	char(1)	Code representing veteran status.
vetdesc	varchar(20)	Description or title of veteran type.
highestgrd	char(2)	Code indicating the highest school grade completed.
highgrdesc	varchar(20)	Description of highest school grade completed code.
disabled	char(1)	Code indicating handicapped claimants.

C O L U M N	T Y P E	D E S C R I P T I O N
disabldesc	varchar(20)	Description of disability code.
seasonal	char(1)	Code indicating seasonal or migrant workers.
seasondesc	varchar(20)	Description of seasonal code.
econdisadv	char(1)	Code indicating those who are economically disadvantaged.
ecodisdesc	varchar(30)	Description of economically disadvantaged code.
dislocated	char(1)	Code indicating dislocated workers.
dislocdesc	varchar(20)	Description of dislocated worker code.
applicants	number(8,0)	Number of current applicants.



## I N C O M E

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

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
inctype	char(2)	Code describing type of income measure.
incdesc	varchar(75)	Income measure description.
incsource	char(1)	Source of the income measure.
incsrcdesc	varchar(40)	Description of income source.
income	number(14,0)	Value of income measure.
inckrank	number(3,0)	Rank of income measure.
population	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.

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
indcodty	char(2)	Code describing the industry code type.
codetydesc	varchar(40)	Title of classification code.
indcode	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.
codetitle	varchar(75)	The descriptive title for this industry code.
ownership	char(2)	Ownership is a two-digit indicator that identifies the employer by public or private ownership.
ownertitle	varchar(40)	Title of ownership.
prelim	char(1)	Preliminary/revised flag: 0 = Not Preliminary; 1 = Preliminary
firms	number(8,0)	The number of firms in the industry.
estab	number(8,0)	The number of employer establishments in the industry. (reporting units)
avgemp	number(9,0)	The number of workers employed in the industry.
mnth1emp	number(9,0)	Employment on the first month of the quarter.

C O L U M N	T Y P E	D E S C R I P T I O N
mnth2emp	number(9,0)	Employment on the second month of the quarter.
mnth3emp	number(9,0)	Employment on the third month of the quarter.
topempav	number(9,0)	Average employment for the quarter or year of the top employer for the specified geography and industry code.
totwage	number(14,0)	The total wages paid to all workers in the industry for the period.
avgwk wage	number(8,0)	Average weekly wage per worker.
taxwage	number(14,0)	Total taxable wages.
contrib	number(12,0)	Employer contributions to the UI fund.
suppress	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.

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
indcodty	char(2)	Code describing the industry code type.
codetydesc	varchar(40)	Title of classification code.
indcode	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.
codetitle	varchar(75)	The descriptive title for this industry code.
ownership	char(2)	Ownership is a two-digit indicator that identifies the employer by public or private ownership.
ownertitle	varchar(40)	Title of ownership.
sizeclass	char(2)	Two digit code identifying the size of the establishment's workforce.
sizedesc	varchar(40)	Description or title of sizeclass.
estab	number(8,0)	The number of employer establishments in the industry. (reporting units)
avgemp	number(9,0)	The number of workers employed in the industry.
mnth1emp	number(9,0)	Employment on the first month of the quarter.

C O L U M N	T Y P E	D E S C R I P T I O N
mnth2emp	number(9,0)	Employment on the second month of the quarter.
mnth3emp	number(9,0)	Employment on the third month of the quarter.
topempav	number(9,0)	Average employment for the quarter or year of the top employer for the specified geography and industry code.
totwage	number(14)	The total wages paid to all workers in the industry for the period.
avgwk wage	number(8,0)	Average weekly wage per worker.
suppress	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 Employment Commission. This data also includes a staffing patterns matrix, which links occupations to industry.

### INDPRJ

COLUMN	TYPE	DESCRIPTION
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodid	char(2)	A two digit code identifying the base and projected periods.
perioddesc	varchar(60)	Description of period range.
matincode	char(10)	Matrix industry code from Micro Matrix.
matintitle	varchar(60)	Industry title.
estindprj	number(9,0)	A numerical value representing a base year employment estimate for an industry.
projindprj	number(9,0)	A value representing the projected year employment estimate for an industry.
grrate	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.
nchg	number(9,0)	Numeric change between the projected estimate and the base estimate.
pchg	number(7,4)	Percent change over period $((projindprj - estindprj) / estindprj) * 100$

C O L U M N	T Y P E	D E S C R I P T I O N
suppress	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed

## OCCPRJ

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodid	char(2)	A two digit code identifying the base and projected periods.
perioddesc	varchar(60)	Description of period range.
matoccode	char(10)	Matrix occupation code from Micro Matrix.
matocctitl	varchar(60)	Occupation title.
estocprj	number(9,0)	A value representing a base year employment estimate for an occupation.
projocprj	number(9,0)	A numerical value representing the projected year employment estimate for an occupation.
grrate	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. $grrate = (((projocprj/estocprj)^{1/n}) - 1) * 100$
nchg	number(9,0)	Numeric change between the projected estimate and the base estimate.
pchg	number(7,4)	Percent change over period $((projocprj - estocprj) / estocprj) * 100$



C O L U M N	T Y P E	D E S C R I P T I O N
aopeng	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. (projoccprij-estoccprij)/# of years.
aopenr	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.
aopent	number(9,0)	A value representing the total annual average openings due to growth and net replacements.
growcode	char(2)	A descriptor to allow for state specific interpretation of the industry or occupation.
growdesc	varchar(20)	Brief description interpreting the growth of the industry or occupation.
suppress	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed

## I O M A T R I X

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodid	char(2)	A two digit code identifying the base and projected periods.
perioddesc	varchar(60)	Description of period range.
matincode	char(10)	Matrix industry code from Micro Matrix.
matintitle	varchar(60)	Industry title.
matoccode	char(10)	Matrix occupation code from Micro Matrix.
matocctitl	varchar(60)	Occupation title.
estemp	number(9,0)	The base-year employment estimate.
projemp	number(9,0)	The projected-year employment estimate.
pctestind	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.
pctestocc	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.
pctprojind	number(6,2)	The percentage of projected employment for the indicated industry represented by projected employment for the indicated occupation within that industry.

C O L U M N	T Y P E	D E S C R I P T I O N
pctprojocc	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.
nchg	number(9,0)	Numeric change between the projected estimate and the base estimate.
pchg	number(7,4)	Percent change over period. $((projemp-estemp)/estemp)*100$
suppress	char(1)	An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed

## I O W A G E

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.

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
indcodty	char(2)	Code describing the industry code type.
indcodtydesc	varchar(40)	Title of classification code.
indcode	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.
indcodetitle	varchar(75)	The descriptive title for this industry code.
occodetype	char(2)	Code describing the type of occupational coding system.
occodetydesc	varchar(40)	Title of classification code.
occcode	char(10)	The occupational classification code used by the state for this data element. This code could be a DOT, OES, SOC, CENSUS, etc.
occodetitle	varchar(75)	The descriptive title for this occupation or training code.
wagesource	char(1)	A code representing the source of the wage data.
wagesrdesc	varchar(60)	A description of the source of the wage data.

C O L U M N	T Y P E	D E S C R I P T I O N
ratetype	char(1)	Code which identifies the type of wage rate.
ratetydesc	varchar(40)	A description of the type of wage rate.
empcount	number(10,0)	Total employment.
response	numeric(6)	Response rate for the occupation's actual or real survey data. Does NOT include imputed data in the rate calculation.
mean	number(9,2)	Response rate for the occupation's actual or real survey data. Does NOT include imputed data in the rate calculation.
entrywg	number(9,2)	Entry level wage for the occupation, mean of the first third (ALC definition).
experience	number(9,2)	Experienced level wage for the occupation, mean of upper two thirds (ALC definition).
pct10	number(9,2)	Wage at tenth percentile.
pct25	number(9,2)	Wage at twenty-fifth percentile.
median	number(9,2)	Median wage of the occupation; also the wage at fiftieth percentile.
pct75	number(9,2)	Wage at seventy-fifth percentile.
pct90	number(9,2)	Wage at ninetieth percentile.
udpct	number(3,0)	User defined percentile.
udpctwage	number(9,2)	Wage at user defined percentile.
udrnglopct	number(3,0)	Low percentile for user defined range.
udrnghipct	number(3,0)	High percentile for user defined range.
udrngmean	number(9,2)	Mean wage for user defined range.
wpctrelerr	number(6,2)	Relative percent error on wage.
epctrelerr	number(6,2)	Relative percent error on employment.
panelcode	char(6)	Reference panel code(yyyymm)
suppressall	char(1)	0 = Not Suppressed 1 = Suppress employment and wage data
suppressemp	char(1)	0 = Not Suppressed 1 = Suppress employment data
suppresswage	char(1)	0 = Not Suppressed 1 = Suppress wage data

## LABFORCE

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

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
adjusted	char(1)	Indicates adjusted data. 0 = Not Adjusted 1 = Adjusted
prelim	char(1)	Indicates preliminary data. 0 = Not Preliminary 1 = Preliminary
benchmark	char(4)	Benchmark year of the data.
laborforce	number(9,0)	Civilian labor force.
emplab	number(9,0)	Number employed by place of residence.
unemp	number(9,0)	Number unemployed.
unemprate	number(5,1)	Unemployment rate.

## LARGEST\_EMPLOYERS

Includes a ranked listing of the largest employers in an area based on the QCEW data.

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

## 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.

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
indcode	char(6)	A code used in the North American Industry Classification System (NAICS).
naicstitll	varchar(75)	The descriptive title for this industry code.
ownership	char(2)	Ownership is a two-digit indicator that identifies the employer by public or private ownership.
ownertitle	varchar(40)	Title of ownership.
gender	char(1)	Gender code.
genderdesc	varchar(12)	Gender description.
agegroup	char(2)	Code identifying the age group.
agegrpdesc	varchar(20)	Age group description.
Emp	number(9,0)	Estimate of the total number of jobs on the first day of the reference quarter
EmpEnd	number(9,0)	Estimate of the number of jobs on the last day of the quarter
EmpS	number(9,0)	Estimate of stable jobs - the number of jobs that are held on both the first and last day of the quarter with the same employer



C O L U M N	T Y P E	D E S C R I P T I O N
EmpTotal		Estimated count of people employed in a firm at any time during the quarter
EmpSpv		Estimate of stable jobs in the quarter before the reference quarter
HirA	number(9,0)	Estimated number of workers who started a new job in the specified quarter
HirN	number(9,0)	Estimated number of workers who started a new job excluding recall hires
HirR	number(9,0)	Estimated number of workers who returned to the same employer where they had worked within the previous year
Sep	number(9,0)	Estimated number of workers whose job with a given employer ended in the specified quarter
HirAEnd	number(9,0)	Estimated number of workers who started a new job in the specified quarter, which continued into next quarter
SepBeg	number(9,0)	Estimated number of workers whose job in the previous quarter continued and ended in the given quarter
HirAEndRepl		Hires into continuous quarter employment in excess of job creation
HirAEndR		Hires as a percent of average employment
SepBegR		Separations as a percent of average employment
HirAEndReplR		Replacement hires as a percent of the average of beginning- and end-of-quarter employment
HirAS		Estimated number of workers that started a job that lasted at least one full quarter with a given employer
HirNS		Estimated number of workers who started a job that they had not held within the past year and the job turned into a job that lasted at least a full quarter with a given employer
SepS		Estimated number of workers who had a job for at least a full quarter and then the job ended
SepSnx		Estimated number of workers in the next quarter who had a job for at least a full quarter and then the job ended
TurnOvrS	number(7,3)	The rate at which stable jobs begin and end

C O L U M N	T Y P E	D E S C R I P T I O N
FrmJbGn		Estimated number of jobs gained at firms throughout the quarter
FrmJbLs		Estimated number of jobs lost at firms throughout the quarter
FrmJbC		Difference between firm job gain and firm job loss
FrmJbGnS		Estimated number of full-quarter jobs gained at firms
FrmJbLsS		Estimated number of full-quarter jobs lost at firms
FrmJbCS		Net growth in jobs that last a full quarter
EarnS		Average monthly earnings of employees with stable jobs
EarnBeg		Average monthly earnings of employees who worked on the first day of the reference quarter
EarnHirAS		Average monthly earnings for workers who started a job that turned into a job lasting a full quarter
EarnHirNS		Average monthly earnings of newly stable employees
EarnSepS		Average monthly earnings of separations from full-quarter status at an establishment
Payroll	number(12,0)	Total quarterly payroll for all jobs

## PAYMENT

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

COLUMN	TYPE	DESCRIPTION
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
paytype	char(2)	A two digit code indicating type of payment.
paytydesc	varchar(40)	A description of the type of government payment.
weekspaid	number(10,0)	Total number of weeks paid.
amountpaid	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
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
agegroup	char(2)	Code identifying the age group.
agegrpdesc	varchar(20)	Age group description.
raceethn	char(5)	Code indicating ethnicity and race of claimants.
racetitle	varchar(75)	Race-ethnicity description.
gender	char(1)	Gender code.
genderdesc	varchar(12)	Gender description.
population	number(10,0)	Number representing the population total for the specified geographic area and time period.

population

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
popsource	char(1)	Source code for population data.
popsrcdesc	varchar(40)	Description of population source.
population	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.

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

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

## UICLAIMS\_CONTINUED

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

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
claimtype	char(1)	Code describing the type of claim. 1 = Initial 2 = Continued 9 = Unknown
occcode	char(10)	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc.
occcodetitle	varchar(75)	The descriptive title for this occupation or training code.
indcode	char(6)	A code used in the classification of establishments by type of activity in which they are engaged.
indcodetitle	varchar(75)	The descriptive title for this industry code.
agegroup	char(2)	Code representing age group.
agegrpdesc	varchar(20)	Age group description.
raceethn	char(5)	Code indicating ethnicity and race of claimants.
racetitle	varchar(75)	Race-ethnicity description.



C O L U M N	T Y P E	D E S C R I P T I O N
gender	char(1)	Gender code.
genderdesc	varchar(12)	Gender description.
veteran	char(1)	Code representing veteran status.
vetdesc	varchar(20)	Description or title of veteran type.
highestgrd	char(2)	Code indicating the highest school grade completed.
highgrdesc	varchar(20)	Description of highest school grade completed code.
claimants	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.**

C O L U M N	T Y P E	D E S C R I P T I O N
stfips	char(2)	State FIPS code.
statename	varchar(20)	State name.
areatype	char(2)	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	varchar(40)	Descriptive title of the areatype.
area	char(6)	Six digit code assigned to represent a geographic area.
areaname	varchar(60)	Geographic area name.
periodyear	char(4)	Character representation of calendar year (e.g. 2008).
periodtype	char(2)	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)	A description of the period type.
period	char(2)	Period code. Will be set to '00' where periodtype is annual.
startdate	datetime	Start date of time period.
enddate	datetime	End date of time period.
claimtype	char(1)	Code describing the type of claim. 1 = Initial 2 = Continued 9 = Unknown
claimants	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>