

# **LEHD Public Use CSV Naming Schema V4.1d-draft - CSV Naming Convention**

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( [Printable version](#) )

## 1 Purpose

The public-use data from the Longitudinal Employer-Household Dynamics Program, including the Quarterly Workforce Indicators (QWI) and Job-to-Job Flows (J2J), are available for download with the following data schema. These data are available as Comma-Separated Value (CSV) files through the LEHD website's Data page at <http://lehd.ces.census.gov/data/> and through LED Extraction Tool at <http://ledextract.ces.census.gov/>.

This document describes the file naming schema for LEHD-provided CSV files. The contents (schema) are described in [lehd\\_public\\_use\\_schema.html](#).

## 2 Extends

This version extends v4.0. Any file compliant with LEHD or QWI Schema v4.0 will also be compliant with this schema.

## 3 Supersedes

For the specified files, this is the first schema.

## 4 Basic Schema

All files are preceded by a file type definition, followed by additional information on the aggregation level of the file, or some other identifier.

```
[TYPE]_[DETAILS].[EXT]
```

( [naming\\_convention.csv](#) )

type	Used By	Description
[type]_[id]	qwix	CSV files queried from the LED Extraction Tool at <a href="http://ledextract.ces.census.gov/">http://ledextract.ces.census.gov/</a> .
[type]_[geohi]_[demo]_[fas]_[geocat]_[indcat]_[ownercat]_[sa]		Convention for currently provided files.
[type]_[geohi]_[j2j]_[agg]_[sa]		Certain files are provided in a consolidated format containing multiple aggregations.

### 4.1 QWIPU from the LED Extraction Tool

Files downloaded through the LED Extraction Tool at <http://ledextract.ces.census.gov/> follow the following naming convention:

```
[type]_[id].[EXT]
```

where [id] is the Request ID (a unique string of characters) generated every time Submit Request" is clicked. The ID references each query submission made to the database.

### 4.2 Other files

Files downloaded from the LEHD website at <http://lehd.ces.census.gov/data> follow the following naming convention:

```
[type]_[geohi]_[demo]_[fas]_[geocat]_[indcat]_[ownercat]_[sa].[EXT]
```

where each component is described in more detail below. Schema files detailing legal values for each component can be downloaded from this website.

## 5 Description of Filename Components

### 5.1 Types

( [naming\\_type.csv](#) )

type	Description	Explanation	url
j2j	Job-to-Job Flows Counts (J2J)	Counts of hires and separations, to and from employment and non-employment, summed across all establishments	tbd
j2jod	Job-to-Job Flows Origin-Destination	Origin and destination flows and earnings, tabulated by the destination establishment	tbd
j2jr	Job-to-Job Flows Rates	Hiring and separation rates, to and from employment and nonemployment, summed across all establishments	<a href="http://lehd.ces.census.gov/data/j2j_beta.html">http://lehd.ces.census.gov/data/j2j_beta.html</a>
lodes	LEHD Origin-Destination Employment Statistics (LODES)	LEHD Origin-Destination Employment Statistics (LODES) used by OnTheMap. Version 7 and higher of LODES was enumerated by 2010 census blocks. Version 6 and lower of LODES were enumerated with 2000 census blocks.	<a href="http://lehd.ces.census.gov/data/#lodes">http://lehd.ces.census.gov/data/#lodes</a>
qwi	Quarterly Workforce Indicators Public Use Counts (QWIPU)	The Quarterly Workforce Indicators (QWI) are a set of economic indicators including employment, job creation, earnings, and other measures of employment flows. The QWI are reported using detailed firm characteristics (geography, industry, age, size) and worker demographics information (sex, age, education, race, ethnicity).	<a href="http://lehd.ces.census.gov/data/#qwi">http://lehd.ces.census.gov/data/#qwi</a>
qwir	Quarterly Workforce Indicators Public Use Rates	Rates for flow variables in the Quarterly Workforce Indicators (QWI)	tbd
qwirv	Quarterly Workforce Indicators Variability Measures for Rates	Variability measures for rates in the Quarterly Workforce Indicators (QWI)	tbd
qwiv	Quarterly Workforce Indicators Variability Measures	Variability measures for Quarterly Workforce Indicators (QWI)	tbd

### 5.2 geohi

( [naming\\_geohi.csv](#) )

This component is based on the alphabetic FIPS state code equivalent to the numeric FIPS code in [label\\_fipsnum.csv](#), based on [FIPS PUB 5-2](#). It is expanded to encompass additional codes denoting national coverage, or a collection of states.

type	Description
all	Collection of all available states

type	Description
us	National data (50 states + DC)
st	Any legal 2-character state postal code (see <a href="#">naming_geohi.csv</a> )

**5.3 demo**

( [naming\\_demo.csv](#) )

type	Description
d	No demographic detail
rh	Race by Ethnicity tabulations
sa	Sex by Age tabulations
se	Sex by Education tabulations

**5.4 fas**

( [naming\\_fas.csv](#) )

type	Description
f	No firm size or age detail
fa	Tabulations by firm age
fs	Tabulations by firm size

5.5 geocat

( [naming\\_geocat.csv](#) )

type	Description
gc	Counties
gm	Metropolitan/Micropolitan
gn	National (50 States + DC)
gs	States
gw	Workforce Investment Areas

**5.6 indcat**

( [naming\\_indcat.csv](#) )

type	Description
n	all industries
ns	NAICS sectors
n3	NAICS subsectors
n4	NAICS industry groups



## 5.7 owncat

( [naming\\_owncat.csv](#) )

type	Description
of	Federal government (QWI Code A01)
op	All Private (QWI Code A05)
oslp	State, local, and private ownership categories (QWI Code A00)

**5.8 sa**

( [naming\\_sa.csv](#) )

type	Description
s	Seasonally adjusted
u	Not seasonally adjusted

### 5.9 ext

( [naming\\_ext.csv](#) )

type	Description
csv	Comma-Separated file
pdf	PDF file (printable)
xls	Excel file (only select output)
xlsx	Excel file (not available for larger files)

## 6 Changes

### 6.1 This version from previous releases of V4.1 draft schema documents

- 2015-02-25: corrected flag values
- 2015-02-25: documents are now identified by date, not revision
- 2015-03-10: Correction of the TIGER vintage that is used for geographic references
- 2015-03-11: Added URL for J2J
- 2015-03-11: Correction of typo in type naming convention, rename of naming\_fipsalpha.csv to naming\_geohi.csv to be consistent.
- 2015-03-17: Changing of naming convention for to-be-released files based on federal government from fg → of. At this time, no such files have been released.
- 2015-04-24: Changes to alternate name of SepSnx and EmpSpv, tentative rate names
- 2015-04-26: Changes to name of variable schema files (qvipu → qwi), addition of variability variable schema files.
- 2015-04-28: Fixed small typos in QWI variable short names
- 2015-05-18: Updated agg\_level description, replaced agg\_level.csv file
- 2015-05-22: Fixed minor rendering bug for QWI rate variability names. No change to actual metadata.
- 2015-06-09: Fixed a minor coding error in label\_fipsnum.csv, added a concatenation of geography files as label\_geography\_all.csv.
- 2015-08-07: Minor text change for agg\_level, modified agg\_level file.
- 2015-08-12: Removed the last 4 rows of variables\_j2jod.csv, since they are not on the current beta J2JOD files.
- 2015-08-25: Added a extension component [ext] to the file naming convention to reflect availability of Excel files (and PDF files)
- 2016-03-16: Removed extraneous empty lines
- 2016-04-12: Fixed typo in variables\_qwi.csv (FrmJbLsS, EarnHirNS and status variables)
- 2016-04-12: Incorporated all state-level geography from 4.0.5
- 2016-04-12: Added additional geo\_level for CBSA (complete)
- 2016-04-12: Added additional agg\_level values
- 2016-04-12: Clarified labels of j2jod identifiers
- 2016-04-12: Renamed label\_geography\_all as label\_geography
- 2016-04-12: Added a column geo\_level to all label\_geography\_\* files

### 6.2 Version 4.1d-draft from 4.0.1

- added J2J, National QWI spec
  - added geohi category of ALL, US
  - added definitions of variability measures
  - added definitions of rates on separate file
  - added naming convention for additional files
-

- added agg\_level variable
- added additional geo\_level for CBSA (complete)
- added SHP files and description thereof

**Important**

Some of the data products noted above do not exist yet.

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This revision: Mon Aug 8 18:15:58 EDT 2016