LEHD Public Use CSV Naming Schema V4.1.1 - CSV Naming Convention

Contents

(Printable version)

!   **Important**

This document is not an official Census Bureau publication. It is compiled from publicly accessible information by Lars Vilhuber (Labor Dynamics Institute, Cornell University). Feedback is welcome. Please write us at lars.vilhuber@cornell.edu.

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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.

2 Schema for Data File Contents

The contents (schema) for LEHD data files are described in lehd_public_use_schema.pdf. The contents (schema) for shapefiles are described in lehd_shapefiles.pdf.

3 Extends

This version reimplements some features from V4.0. Many files compliant with LEHD or QWI Schema v4.0 will also be compliant with this schema, but compatibility is not guaranteed.

4 Supersedes

This version supersedes V4.0.5, for files released as of RXXXX.

5 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 http://ledextract.ces.census.gov/.
[type]_[geohi]	qwi, rac, wac, j2j, j2jod	Current convention for currently provided files.
[type]_[geocat]	shapefiles	ZIP files containing data for shapefiles

5.1 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.

5.2 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.

6 Description of Filename Components

6.1 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	http://lehd.ces.census.gov/-data/j2j_beta.html
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.	http://lehd.ces.census.gov/-data/#lodes
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).	http://lehd.ces.census.gov/-data/#qwi
qwir	Quarterly Workforce Indicators Public Use Rates	Rates for flow variables in the Quarterly Workforce Indicators (QWI)	tbd

type	Description	Explanation	url
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
lehd_shp	LEHD Shapefiles	Shapefiles are used to provide mapping functionality in QWI Explorer and Job-to-Job Explorer	lehd_shapefiles.html

6.2   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
us	National data (50 states + DC)
st	Any legal 2-character state postal code (see naming_geohi.csv)

6.3   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

6.4 fas

(naming_fas.csv)

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

6.5 geocat

(naming_geocat.csv)

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

6.6 indcat

(naming_indcat.csv)

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

6.7 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)

6.8 sa

(naming_sa.csv)

type	Description
s	Seasonally adjusted
u	Not seasonally adjusted

6.9 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)

7 Changes

For a description of how schema files are versioned, see main directory.

7.1 This version (revisions)

- 2017-03-06: Initial release

7.2 Version 4.1.1 from 4.1.0

- 2017-03-06: Modifed naming_geo_cat.csv, gb value to read "Metropolitan (complete)", gm to "Metropolitan/Micropolitan (state parts)"

- 2017-03-06: Updated reference in shapefile description to Job-to-Job Explorer to point to the recently released Beta webap, updated title to refer to the same name as the naming_geo_cat.csv uses

- 2017-03-06: Updated TIGER references to 2016 in shapefile description

- 2017-03-06: Modifed label_geo_level.csv, B value to read "Metropolitan (complete)"

- 2017-03-06: Added referenced in the same file to where to find the CBSA code underlying the state-part definitions

- 2017-03-06: Added a new file label_geography_metro.csv

- 2017-03-06: Changed references where appropriate from label_geography_cbsa to label_geography_metro

- 2017-03-06: Added additional aggregation levels, changed some labels

- 2017-03-06: Removed two variables from variables_j2jod.csv that were not actually on the CSV file

- 2017-03-07: Updated 2016 geography in shapefiles

- 2017-03-07: Corrected naming of files inside shapefile ZIP files

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

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