LEHD Public Use CSV Naming Schema V4.1-rc2 - CSV Naming Convention

Contents

(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.

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_qwir_fa_gwiva_j2j_j2jd_owc_rh_sa	Common naming 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
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/Micropolitan (complete)
gc	Counties
gm	Metropolitan/Micropolitan
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)

• 2016-08-08: Initial release

7.2   Version 4.1-rc1 from 4.0.5

• 2016-08-08: Implemented select changes from V4.1d-draft: Key changes are

• Changed structure of state-level geography labels (flat directory structure) e5dbe97

• Describes National QWI files and J2J files (both of which are still in beta), added J2J, National QWI spec

• added additional geo_level for CBSA (complete), additional description, sources in label_geo_level.csv 1eb399f,27a2674

7.2.1   In more detail

• added geohi category of ALL, US, add naming_geohi.csv 89617e3

• added naming convention for additional filesb

• added agg_level variable 89617e3, 2149623

• Changes to name of variable schema files (qwipu → qwi), addition of variability and rate variable schema files. 89617e3

• Addition of a column identifying the type of variable on QWI 89617e3

• Renamed file from QWIPU_Data_Schema.pdf to lehd_public_use_schema.pdf 89617e3

• Addition of variable schema description for J2J 1a57250

• Added a extension component [ext] to the file naming convention to reflect availability of Excel files (and PDF files) d9f8387 f7cc524

• Updated documentation-generating scripts to the latest. Documents are now identified by date, not revision 8136f0c

• Added a concatenation of geography files as label_geography.csv. 8136f0c, 39ecfc9

• Added a column geo_level to all label_geography_* files a32bb4c

• Changed fipsnum to force readin of FIPS as character, include geo_level, US. a32bb4c

• Added additional legal values for firmage and firmsize, as used by J2J a32bb4c

• Added Federal government to files (for National QWI) 942dd0a, 1654288

• Clarified description of filenaming components 8888529, 8d580f6

• Sundry small additional changes, building out the schema 28d7c6f

• 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. 3a0975e

7.3 Version 4.1-rc2 from 4.1-rc1

- 2016-08-10: Added description,definition of SHP files

- 2016-08-11: Modified Indicator Names for J2J variable metadata.

For additional details, please consult the previous draft versions:

- ../V4.1-draft

- ../V4.1b-draft

- ../V4.1c-draft

- ../V4.1d-draft

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

This revision: Fri Aug 12 14:07:37 EDT 2016