LEHD Public Use Data Schema for J2J Explorer (beta) V4.2b-draft
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(Printable version)



Important

This specification is draft. Feedback is welcome. Please write us at lars.vilhuber@census.gov.

1 Purpose

The public-use Job-to-Job Flows (J2J) data provided by the Longitudinal Employer-Household Dynamics Program are accessible through the J2J Explorer (beta). This document provides information on the schema used to format files downloaded through that application.

2 Additional information

The complete LEHD schema is documented in lehd_public_use_schema.pdf. LEHD-provided SHP files are separately described in lehd_shapefiles.pdf. The naming conventions of the data files is documented in lehd_csv_naming.pdf.

3 Extends

This is the first version of the schema for the J2J Explorer (beta) application.

4 Supersedes

No prior version.

5 Basic Schema

Each data file is structured as a CSV file. The first columns contain [identifiers], subsequent columns contain [indicators], followed by status flags.

5.1 Generic structure

Column name
[Identifier1]
[Identifier2]
[Identifier3]
[]
[Indicator 1]
[Indicator 2]
[Indicator 3]
[]
[Status Flag 1]
[Status Flag 2]
[Status Flag 3]
[]

Note: The J2J Explorer (beta) provides	the full set of J2J indicate	ators in addition to two con	nposite Origin-Destination indica-
tors. Files downloadable through other lehd_public_use_schema.pdf.	means may be structure	ed differently, please consul	It the complete LEHD schema in

5.2 Identifiers

Records, unless otherwise noted, are parts of time-series data. Unique record identifiers are noted below, by file type. Identifiers without the year and quarter component can be considered a series identifier.

5.2.1 Mapping for Identifiers

(lehd_mapping_identifiers.csv)

Each of the released files has a set of variables uniquely identifying records (*Identifiers*). The table below relates the set of identifier specifications to the released files. The actual CSV files containing the identifiers for each set are listed after this table. Each identifier can take on a specified list of values, documented in the section on Categorical Variables.

identifiers	QWI	NQWI	J2J	J2JR	J2JOD	LODES
lehd_identifiers_qwi	1	1				
lehd_identifiers_j2j			1	1		
lehd_identifiers_j2jod					1	

5.2.2 Identifiers for j2j

(lehd_identifiers_j2j.csv)

Variable	Type	label
periodicity	Char(1)	Periodicity of report
seasonadj	Char(1)	Seasonal Adjustment Indicator
geo_level	Char(1)	Group: Geographic level of aggregation
geography	Char(8)	Group: Geography code
ind_level	Char(1)	Group: Industry level of aggregation
industry	Char(5)	Group: Industry code
ownercode	Char(3)	Group: Ownership group code
sex	Char(1)	Group: Gender code
agegrp	Char(3)	Group: Age group code (WIA)
race	Char(2)	Group: race
ethnicity	Char(2)	Group: ethnicity
education	Char(2)	Group: education
firmage	Char(1)	Group: Firm Age group
firmsize	Char(1)	Group: Firm Size group
year	Num	Time: Year
quarter	Num	Time: Quarter
agg_level	Num	Aggregation Level Indicator

5.2.3 Identifiers for j2jod

(lehd_identifiers_j2jod.csv)

Variable	Type	label
periodicity	Char(1)	Periodicity of report
seasonadj	Char(1)	Seasonal Adjustment Indicator
geo_level	Char(1)	Group: Geographic level of aggregation of destination job
geography	Char(8)	Group: Geography code of destination job
ind_level	Char(1)	Group: Industry level of aggregation of destination job
industry	Char(5)	Group: Industry code of destination job
ownercode	Char(3)	Group: Ownership group code of destination job
sex	Char(1)	Group: Gender code
agegrp	Char(3)	Group: Age group code (WIA)
race	Char(2)	Group: race
ethnicity	Char(2)	Group: ethnicity
education	Char(2)	Group: education
firmage	Char(1)	Group: Firm Age group
firmsize	Char(1)	Group: Firm Size group
year	Num	Time: Year
quarter	Num	Time: Quarter
agg_level	Num	Aggregation Level Indicator
geo_level_orig	Char(1)	Group: Geographic level of aggregation of origin job
geography_orig	Char(8)	Group: Geography code of origin job
ind_level_orig	Char(1)	Group: Industry level of aggregation of origin job
industry_orig	Char(5)	Group: Industry code of origin job
ownercode_orig	Char(3)	Group: Ownership group code of origin job
firmage_orig	Char(1)	Group: Firm Age group of origin job
firmsize_orig	Char(1)	Group: Firm Size group of origin job

5.2.4 Identifiers for qwi

(lehd_identifiers_qwi.csv)

Variable	Type	label
periodicity	Char(1)	Periodicity of report
seasonadj	Char(1)	Seasonal Adjustment Indicator
geo_level	Char(1)	Group: Geographic level of aggregation
geography	Char(8)	Group: Geography code
ind_level	Char(1)	Group: Industry level of aggregation
industry	Char(5)	Group: Industry code
ownercode	Char(3)	Group: Ownership group code
sex	Char(1)	Group: Gender code
agegrp	Char(3)	Group: Age group code (WIA)
race	Char(2)	Group: race
ethnicity	Char(2)	Group: ethnicity
education	Char(2)	Group: education
firmage	Char(1)	Group: Firm Age group
firmsize	Char(1)	Group: Firm Size group
year	Num	Time: Year
quarter	Num	Time: Quarter

5.3 Indicators

The following tables and associated mapping files list the indicators available on each file. The 'Indicator Variable' is the short name of the variable on the CSV files, suitable for machine processing in a wide variety of statistical applications. When given, the 'Alternate name' may appear in related documentation and articles. The 'Status Flag' is used to indicate publication or data quality status (see Status Flags). The 'Indicator Name' is a more verbose name for the indicator. The 'Description' provides a complete description of the indicator. 'Units' identify the type of variable: counts, rates, monetary amounts. 'Concept' classifies each indicator in a descriptive category: employment, hire, separation, earnings, or flow. The 'Base' indicates the denominator used to compute the statistic, and may be 1.

(variables_j2japp.csv)

Indicator Vari- able	Alternate Name	Status Flag	Indicator Name	Description	Units	Concept	Base
MHire	all_doma2	sMHire	Hires	Hires into a worker's main job	Count	Hire	1
MSep	all_doms2	sMSep	Separations	Separations from a worker's main job	Count	Separation	
MJobStart			t Main Job Starts	New main jobs due to hires and instances when a previously existing secondary job becomes the main source of earnings	Count	Employme	
MJobEnd	last_domb	sMJobEnd		End of main jobs due to separations and instances when another job becomes the main source of earnings	Count	Employme	ent 1
EEHire	ee_doma2	sEEHire	Job-to-Job Hires (Continuous Employment)	Hires following a separation with no observed nonemployment spell	Count	Hire	1
EESep	ee_doms2	sEESep	Job-to-Job Separations (Continuous Employment)	Separations followed by a hire with no observed nonemployment spell	Count	Separation	1
AQHire	aq_doma2	sAQHire	Job-to-Job Hires (Brief Nonemployment)	Hires following a separation with a short nonemployment spell	Count	Hire	1
AQSep	aq_doms2	sAQSep	Job-to-Job Separations (Brief Nonemployment)	Separations followed by a hire with a short nonemployment spell	Count	Separation	1
J2JHire	j2j_doma2	sJ2JHire	Job-to-Job Hires	Hires following a separation (short or no observed nonemployment spell)	Count	Hire	1
J2JSep	j2j_doms2		Job-to-Job Separations	Separations followed by a hire (short or no observed nonemployment spell)	Count	Separation	1
NEHire	ne_doma2	sNEHire	Hires from Nonemployment	Hires following any spell of nonemployment	Count	Hire	1

Indicator Vari- able	Alternate Name	Status Flag	Indicator Name	Description	Units	Concept	Base	
ENSep	en_doms2		Separations to Nonemployment	Separations into any spell of nonemployment	Count	Separation	. 1	
NEPersist	ne2_doma	2 sNEPersist	Hires from Persistent Nonemployment	Hires following a spell of persistent nonemployment	Count	Hire	1	
ENPersist	en2_doms	2 sENPersist	Separations to Persistent Nonemployment	Separations into a spell of persistent nonemployment	Count	Separation	. 1	
NEFullQ	ne2p_dom	a3NEFullQ	Hires from Full-Quarter Nonemployment	Hires following a spell of full-quarter nonemployment (does not include intermittently employed)	Count	Hire	1	
ENFullQ	en2p_dom	s3ENFullQ	Separations to Full-Quarter Nonemployment	Separations into a spell of full-quarter nonemployment (does not include intermittently employed)	Count	Separation	1	
MainB	domB	sMainB	Employment (Beginning of Quarter)	Main jobs held on the first day of the quarter	Count	Employme	ent 1	
MainE	domE	sMainE	Employment (End of Quarter)	Main jobs held on the last day of the quarter	Count	Employme	ent 1	
MHireR	all_doma2	_rsaWeHireR	Hires	Rate of hires into a worker's main job	Rate	Hire	(Main	B+MainE
MSepR	all_doms2	_ısı M SepR	Separations	Rate of separations from a worker's main job	Rate	Separation	(Main	B+MainE)
			RMain Job Starts RMain Job Ends	Rate of new main jobs due to hires and instances when a previously existing secondary job becomes the main source of earnings Rate of the end of main jobs due to	Rate	Employme		
				separations and instances when another job becomes the main source of earnings				
EEHireR	eea_rate	sEEHireR	Job-to-Job Hires (Continuous Employment)	Rate of hires following a separation with no observed nonemployment spell	Rate	Hire	(Main	B+MainE)
EESepR	ees_rate	sEESepR	Job-to-Job Separations (Continuous Employment)	Rate of separations followed by a hire with no observed nonemployment spell	Rate	Separation	(Main	B+MainE)

Indicator	Alternate	Status	Indicator Name	Description	Units	Concept	Base]
Vari-	Name	Flag						
able								
AQHireR	aq_doma2	_152AcQHireR		Rate of hires	Rate	Hire	(Main	B+MainE)/
			(Brief	following a separation				
			Nonemployment)	with a short				
				nonemployment spell				
AQSepR	aq_doms2	_rsaAcQSepR	Job-to-Job	Rate of separations	Rate	Separation	(Main	B+MainE)/
			Separations (Brief	followed by a hire				
			Nonemployment)	with a short				
				nonemployment spell				
J2JHireR	eeall_dom	a2s <u>J</u> 22ttelireR	Job-to-Job Hires	Rate of hires	Rate	Hire	(Main	B+MainE)/
				following a separation				
				(short or no observed				
				nonemployment spell)				
J2JSepR	eeall_dom	s2 <u>sJ</u> 2attSepR	Job-to-Job	Rate of separations	Rate	Separation	(Main	B+MainE)/
			Separations	followed by a hire				
				(short or no observed				
			***	nonemployment spell)			/* · ·	=
NEHireR	ne_doma2	_ısa N EHireR		Rate of hires	Rate	Hire	(Main	B+MainE)/
			Nonemployment	following any spell of				
				nonemployment				
ENSepR	en_doms2	_nsaffeNSepR	Separations to	Rate of separations	Rate	Separation	(Main	B+MainE)/
			Nonemployment	into any spell of				
1100		2 MED :	T911	nonemployment		***		
NEPersist	R ne2_doma	2 <u>state</u> Persis	RHires from Persistent	Rate of hires	Rate	Hire	(Main	B+MainE)/
			Nonemployment	following a spell of				
				persistent				
			700	nonemployment			25:	
ENPersist	Ren2_doms	2 <u>state</u> Persis	tRSeparations to	Rate of separations	Rate	Separation	(Main	B+MainE)/
			Persistent	into a spell of				
			Nonemployment	persistent				
NEE HOD		ANIEE 110	D.T.I	nonemployment	Distri	11	(M. '	D.M. '. E\/
NEFUIIQR	ne2p_aom	as <u>i</u> raneunq	RHires from	Rate of hires	Rate	Hire	(Main	B+MainE)/
			Full-Quarter	following a spell of				
			Nonemployment	full-quarter				
				nonemployment (does				
				not include				
				intermittently				
EMENTOD	an)n dar-	° 3 E ME · · 11 △ 1	R Separations to	employed)	Rate	Congretie	(Mai:	 B+MainE)/
ENTUNYK	enzp_dom	s <u>a</u> nmucuiiQ.	*	Rate of separations	Kate	separation	(iviain	D+MainE)/
			Full-Quarter Nonemployment	into a spell of				
			ronempioyment	full-quarter				
				nonemployment (does not include				
				intermittently				
EE	0.2	sEE	Job-to-Job Flows	employed) Job flows with no	Count	Flow	1	-
EE	ee	SEE	(Continuous	observed	Count	FIOW	1	
			*					
AQHire	aq_doma2	sAQHire	Employment) Job-to-Job Flows	nonemployment spell Job flows with a short	Count	Flow	1	-
AQUIIG	aq_uoma2	sayniie	(Brief		Count	FIOW	1	
			*	nonemployment spell				
101	2010-1	no2 c121	Nonemployment)	Tob flores solds a start	Count	171	1	-
J2J	ee+aq_dor	naz SJZJ	Job-to-Job Flows	Job flows with a short	Count	Flow	1	
				or no observed				
				nonemployment spell				

Indicator	Alternate	Status	Indicator Name	Description	Units	Concept	Base
Vari-	Name	Flag					
able							
EES	fee	sEEFullQ	Stable Job-to-Job	Job flows from stable	Count	Flow	1
			Flows (Continuous	employment into			
			Employment)	stable employment			
				with no observed			
				nonemployment spell			
AQHireS	faq_doma2	2 sAQFullQ	HStable Job-to-Job	Job flows from stable	Count	Flow	1
			Flows (Brief	employment into			
			Nonemployment)	stable employment			
				with a short			
				nonemployment spell			
J2JS	fee+faq_d	omas22JS	Stable Job-to-Job	Job flows from stable	Count	Flow	1
			Flows	employment into			
				stable employment			
				with a short or no			
				observed			
				nonemployment spell			

6 Categorical Variables

Categorical variable descriptions are displayed above each table, with the variable name shown in parentheses. Unless otherwise stated, every possible value/label combination for each categorical variable is listed. Please note that not all values will be available in every table.

6.1 agegrp

(label_agegrp.csv)

agegrp	label
A00	All Ages (14-99)
A01	14-18
A02	19-21
A03	22-24
A04	25-34
A05	35-44
A06	45-54
A07	55-64
A08	65-99

6.2 education

(label_education.csv)

education	label
E0	All Education Categories
E1	Less than high school
E2	High school or equivalent, no college
E3	Some college or Associate degree
E4	Bachelor's degree or advanced degree
E5	Educational attainment not available (workers aged 24
	or younger)

6.3 ethnicity

(label_ethnicity.csv)

ethnicity	label
A0	All Ethnicities
A1	Not Hispanic or Latino
A2	Hispanic or Latino

6.4 firmage

(label_firmage.csv)

firmage	label
0	All Firm Ages
1	0-1 Years
2	2-3 Years
3	4-5 Years

firmage	label
4	6-10 Years
5	11+ Years
N	Firm Age Not Available For Public-Sector Firms

6.5 firmsize

(label_firmsize.csv)

firmsize	label
0	All Firm Sizes
1	0-19 Employees
2	20-49 Employees
3	50-249 Employees
4	250-499 Employees
5	500+ Employees
N	Firm Size Not Available For Public-Sector Firms

6.6 ownercode

(label_ownercode.csv)

ownercode	label
A00	All (1-5)
A01	Federal government
A05	All Private (5)

6.7 periodicity

(label_periodicity.csv)

periodicity	label
A	Annual data
Q	Quarterly data

6.8 quarter

(label_quarter.csv)

quarter	label
1	1st Quarter of the Year (January-March)
2	2nd Quarter of the Year (April-June)
3	3rd Quarter of the Year (July-September)
4	4th Quarter of the Year (October-December)

6.9 race

(label_race.csv)

race	label
A0	All Races

race	label
A1	White Alone
A2	Black or African American Alone
A3	American Indian or Alaska Native Alone
A4	Asian Alone
A5	Native Hawaiian or Other Pacific Islander Alone
A6	Some Other Race Alone (Not Used)
A7	Two or More Race Groups

6.10 seasonadj

(label_seasonadj.csv)

seasonadj	label
S	Seasonally adjusted
U	Not seasonally adjusted

6.11 sex

(label_sex.csv)

sex	label
0	All Sexes
1	Male
2	Female

6.12 stusps

(label_stusps.csv)

geography	stusps
01	AL
02	AK
04	AZ
05	AR
06	CA
08	CO
09	CT
10	DE
11	DC
12	FL
13	GA
15	HI
16	ID
17	IL
18	IN
19	IA
20	KS
21	KY
22	LA
23	ME
24	MD
25	MA
26	MI

geography	stusps
27	MN
28	MS
29	MO
30	MT
31	NE
32	NV
33	NH
34	NJ
35	NM
36	NY
37	NC
38	ND
39	ОН
40	OK
41	OR
42	PA
44	RI
45	SC
46	SD
47	TN
48	TX
49	UT
50	VT
51	VA
53	WA
54	WV
55	WI
56	WY
72	PR
78	VI

6.13 Industry

6.13.1 Industry levels

(label_ind_level.csv)

ind_level	label
A	All Industries
S	NAICS Sectors
3	NAICS Subsectors
4	NAICS Industry Groups

6.13.2 Industry

(label_industry.csv)

Only a small subset of available values shown. The 2012 NAICS (North American Industry Classification System) is used for all years. QWI releases prior to R2015Q3 used the 2007 NAICS classification (see Schema v4.0.1). For a full listing of all valid 2012 NAICS codes, see http://www.census.gov/cgi-bin/sssd/naicsrch?chart=2012.

industry	label
00	All NAICS Sectors
000	All NAICS Subsectors
0000	All NAICS Industry Groups
11	Agriculture, Forestry, Fishing and Hunting
111	Crop Production
1111	Oilseed and Grain Farming
1112	Vegetable and Melon Farming
2382	Building Equipment Contractors
2383	Building Finishing Contractors
2389	Other Specialty Trade Contractors
31-33	Manufacturing
311	Food Manufacturing
3111	Animal Food Manufacturing
3112	Grain and Oilseed Milling
3113	Sugar and Confectionery Product Manufacturing

6.14 Geography

6.14.1 Geographic levels

Geography labels for data files are provided in separate files, by scope. Each file *label_geograpy_SCOPE.csv* may contain one or more types of records as flagged by geo_level. For convenience, a composite file containing all geocodes is available as *label_geography.csv*. The 2015 vintage of Census TIGER/Line geography is used for all tabulations as of the R2015Q4 release.

Shapefiles are described in a separate document.

(label_geo_level.csv)

geo_l	ev løl bel	description	sourceurl
В	Metropolitan	Identifies 5-digit CBSA code for	http://www.census.gov/-
	(complete)	metropolitan areas provided by the	population/metro/
		Census Bureau's Geography	
		Division	
С	Counties	Identifies 5-digit FIPS code	https://www.census.gov/geo/-
			reference/codes/cou.html
M	Metropolitan/N	Aikchenptofiietan7-digit code constructed	http://www.census.gov/-
	(state part)	from the 2-digit state FIPS code	population/metro/
		and the 5-digit CBSA code	
		provided by the Census Bureau's	
		Geography Division	
N	National (50	Custom code using 00 to denote	
	States + DC)	national scope	
S	States	Identifies 2-digit FIPS code (also	https://www.census.gov/geo/-
		called "ANSI" codes)	reference/ansi_statetables.html
W	Workforce	2-digit state FIPS code and the	
	Investment	6-digit WIA identifier provided by	
	Areas	LED State Partners	

6.14.2 National and state-level values

(label_fipsnum.csv)

The file label_fipsnum.csv contains values and labels for all entities of geo_level N or S, and is a summary of separately available files

geograp		geo_level		
00	National (50 States +	N		
	DC)			
01	Alabama	S		
02	Alaska	S		
04	Arizona	S		
05	Arkansas	S		
06	California	S		
08	Colorado	S		
45	South Carolina	S		
46	South Dakota	S		
47	Tennessee	S		
48	Texas	S		
49	Utah	S		
50	Vermont	S		
51	Virginia	S		
53	Washington	S		

6.14.3 Detailed state and substate level values

Note: cross-state CBSA, in records of type $geo_level = M$, are present on files of type $label_geography_XX.csv$. A particular cross-state CBSA will appear on multiple files.

Scope	Format file				
US	label_geography_us.csv				
METRO	label_geography_metro.csv				
States	-661 J				
AK	label_geography_ak.csv				
AL	label_geography_al.csv				
AR	label_geography_ar.csv				
AZ	label_geography_az.csv				
CA	label_geography_ca.csv				
CO	label_geography_co.csv				
CT	label_geography_ct.csv				
DC	label_geography_dc.csv				
DE	label_geography_de.csv				
FL	label_geography_fl.csv				
GA	label_geography_ga.csv				
HI	label_geography_hi.csv				
IA	label_geography_ia.csv				
ID	label_geography_id.csv				
IL	label_geography_il.csv				
IN	label_geography_in.csv				
KS	label_geography_ks.csv				
KY	label_geography_ky.csv				
LA	label_geography_la.csv				
MA	label_geography_ma.csv				
MD	label_geography_md.csv				
ME	label_geography_me.csv				
MI	label_geography_mi.csv				
MN	label_geography_mn.csv				
MO	label_geography_mo.csv				
MS	label_geography_ms.csv				
MT	label_geography_mt.csv				
NC	label_geography_nc.csv				
ND	label_geography_nd.csv				
NE	label_geography_ne.csv				
NH	label_geography_nh.csv				
NJ	label_geography_nj.csv				
NM	label_geography_nm.csv				
NV	label_geography_nv.csv				
NY	label_geography_ny.csv				
ОН	label_geography_oh.csv				
OK	label_geography_ok.csv				
OR	label_geography_or.csv				
PA	label_geography_pa.csv				
RI	label_geography_ri.csv				
SC	label_geography_sc.csv				
SD	label_geography_sd.csv				
TN	label_geography_tn.csv				
TX	label_geography_tx.csv				
UT	label_geography_ut.csv				
VA	label_geography_va.csv				
VT	label_geography_vt.csv				
WA	label_geography_wa.csv				

Scope	Format file
WI	label_geography_wi.csv
WV	label_geography_wv.csv
WY	label_geography_wy.csv

6.15 Aggregation level

(label_agg_level.csv)

Measures within the J2J and QWI data products are tabulated on many different dimensions, including demographic characteristics, geography, industry, and other firm characteristics. For Origin-Destination (O-D) tables, characteristics of the origin and destination firm can be tabulated separately. Every tabulation level is assigned a unique aggregation index, represented by the agg_level variable. This index starts from 1, representing a national level grand total (all industries, workers, etc.), and progresses through different combinations of characteristics. There are gaps in the progression to leave space for aggregation levels that may be included in future data releases.

agg_level is currently reported only for J2J data products.

The following variables are included in the label_agg_level.csv file:

Variable	Description
agg_level	index representing level of aggregation reported
	on a given record
worker_char	demographic (worker) characteristics reported
	on record
firm_char	firm characteristics reported on record. These
	will be the characteristics of the destination firm
	in O-D tabulations
firm_orig_char	characteristics of origin firm reported on record
	(O-D tabulations only)
j2j	Flag: Aggregation level available on J2J counts
	tables
j2jr	Flag: Aggregation level available on J2J rates
	tables
j2jod	Flag: Aggregation level available on J2J O-D
	tables
qwi	Flag: Aggregation level available on QWI

The characteristics available on an aggregation level are repeated using a series of flags following the standard schema:

- geo_level geographic level of table
- ind_level industry level of table
- by_variables flags indicating other dimensions reported, including ownership, demographics, firm age and size.

A shortened representation of the file is provided below, the complete file is available in the link above.

agg_leve	el worker_char	firm_char	firm_orig_char	· j2j	j2jr	j2jod	qwi	geo_level
1				1	1	1	0	N
2	Sex			1	1	1	0	N
3	Age			1	1	1	0	N
4	Sex * Age			1	1	1	0	N
5	Race			1	1	1	0	N
9	Ethnicity			1	1	1	0	N
13	Race *			1	1	1	0	N
	Ethnicity							
129		Firm Size		1	1	1	0	N
257		NAICS		1	1	1	0	N
		Sector						
258	Sex	NAICS		0	0	0	0	N
		Sector						

agg_leve	l worker_char	firm_char	firm_orig_char	· j2j	j2jr	j2jod	qwi	geo_level
1029	Race	State		1	1	1	0	S
1033	Ethnicity	State		1	1	1	0	S
1037	Race *	State		1	1	1	0	S
	Ethnicity							

7 Status flags

(label_flags.csv)

Each status flag in the tables above contains one of the following valid values. The values and their interpretation are listed in the table below.



Important

Note: Currently, the J2J tables only contain status flags -1 and 1. Status flags with values 10 or above only appear in online applications, not in CSV files.

flag	label
-2	no data available in this category for this quarter
-1	data not available to compute this estimate
1	OK
5	Value suppressed because it does not meet US Census Bureau publication
	standards.
6	Value calculated from other released measures - no significant distortion
7	Value calculated from other released measures - some of which have
	significantly distorted data
9	Data significantly distorted - fuzzed value released
10	Aggregate of cells - no significant distortion
11	Aggregate of cells not released because component cells do not meet U.S.
	Census Bureau publication standards
12	Aggregate of cells - some of which have significantly distorted data

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