

# OnTheMap v3.x on the VirtualRDC

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## Structure:

OnTheMap v3.x has many more files than previous versions. We have thus restructured the directory layout to keep human-viewable directories manageable.

Each state-directory now has the following structure:

<state>/	
rac/	RAC files (81 files times # of implicates)
wac/	WAC files (81 files)
od/	OD files (41 files times # implicates)
qwi/	QWI files (5 files)
otm_<state>.md5sum	MD5 checksums for all unzipped files
version.txt	A file containing a version number

## Naming convention:

### **RAC/WAC files:**

<state>\_<type>\_<indgrp>\_<jobtype>\_<year>[\_<implicate>].csv

### **QWI files:**

qwi\_<state>\_<year>.csv

### **OD files:**

<state>\_od\_<filetype>\_<jobtype>\_<year>\_<implicate>.csv

where

- <state>: two-letter lower-case postal abbreviation, denoting the place of work.
- <type>: 'rac' or 'wac'
- <filetype>: 'main' or 'aux'. The main file contains "All jobs with jobholder's place of residence IN the state", the aux file contains "All jobs with jobholder's place of residence OUT of the state". Analysts only using the workplace files will obtain a file for all jobs within the state, regardless of worker residence by simply concatenating the two files within a state directory. Analysts interested in residence-based analysis (all jobs for state residents) for a given state would concatenate the state's OD main file with all other states' OD aux files.
- <subgrp>: Labor market segments:

- Age categories:
  - age1="Age 30 or younger"
  - age2="Age 31-54"
  - age3="Age 55 or older"
- Earning categories:
  - earn1="\$1,200 per month or less"
  - earn2="\$1,201 to \$3,400 per month"
  - earn3="More than \$3,400 per month"
- Industry categories:
  - ind1="Goods Producing: NAICS 11, 21, 23, and 31-33";
  - ind2="Trade Transportation and Utilities: NAICS 42, 44-45, 48-49, and 22";
  - ind3="All Other Services: remaining NAICS"
- total
- <jobtype>: ja, ("Jobs All"), jp ("Jobs Primary"), pa ("Private All"), pp ("Private Primary").
- <year>: 2002-2006
- <implicate>: (OD, RAC) implicate number (currently fixed at 1, other implicates pending)

### **Caveats:**

- QWI numbers are drawn from QWI release R2008Q2. Stable jobs and statistics related to 'stable jobs' have a bug which has been fixed in QWI release R2008Q4. An update to the data is expected later this year. Consult the LEHD site for more details.
- Current QWI numbers are considered experimental. Since they are computed using the same confidentiality protection technology as the general QWI numbers, but using much finer geographic cells, there are more suppressions (more smaller numbers to protect). Users should be aware that when aggregating numbers to levels that are comparable to the general QWI data, the numbers they generate will be systematically lower.
- Only one implicate has been released at this point. Future updates should be counted (and used) as additional implicates. Additional implicates may be released in the future as well.
- WAC, OD, and QWI files are only available for states participating in the LEHD program. RAC files are available for all states, even those not actively participating in the LEHD program, but coverage is limited. For example, a worker of a NJ company (NJ participates in LEHD) may live in NY (which not yet been integrated). Thus, a residence area for this and other workers is defined, and available here for download. However, the residence area information will NOT include information on workers of NY companies, since that information was not available at the time that OnTheMap v3.0 was created. (This applies for v3.0 to: CT, DC, MA, NY, NY, OH, PR, VI). These RAC files can be accessed through the links in the OD AUX files of states where these workers are tabulated.

### **Data source:**

OnTheMap data is provided by the U.S. Census Bureau, LEHD Program. See <http://lehd.did.census.gov> for further details. This document and data download hosting provided by the Cornell VirtualRDC <http://www.vrdc.cornell.edu>. Support for the Cornell VirtualRDC is through NSF Grants [#0427889](#) [#0339191](#) [#9978093](#) and NIA Grant [5R01AG018854](#).