

***The Longitudinal Employer-Household  
Dynamics (LEHD) Program  
at the Census Bureau***

New York Census Research Data Center  
Baruch College  
The City University of New York  
May 29, 2007

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Census Bureau

# Live Demonstration

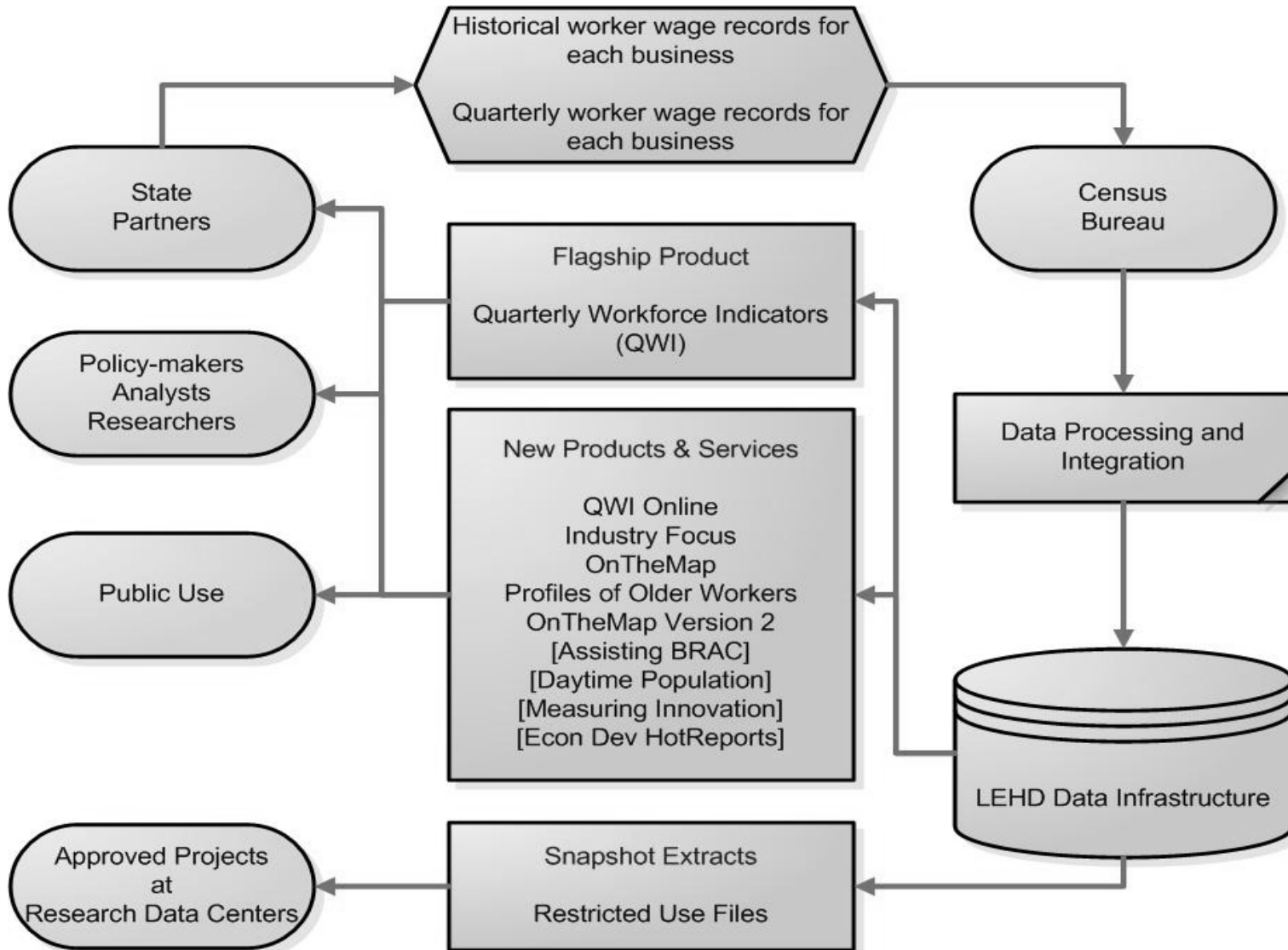
[about 20 minutes]

- Quick Links
  - QWI Online, Industry Focus, Partners Only, OnTheMap, OnTheMap V2, Workshop Presentations, E-learning modules
- What's New
- Data Tools
  - Access to Cornell site, case studies and examples
- Local Employment Dynamics
  - Partners Only, State Only
- Library
- Join a listserv – About Us

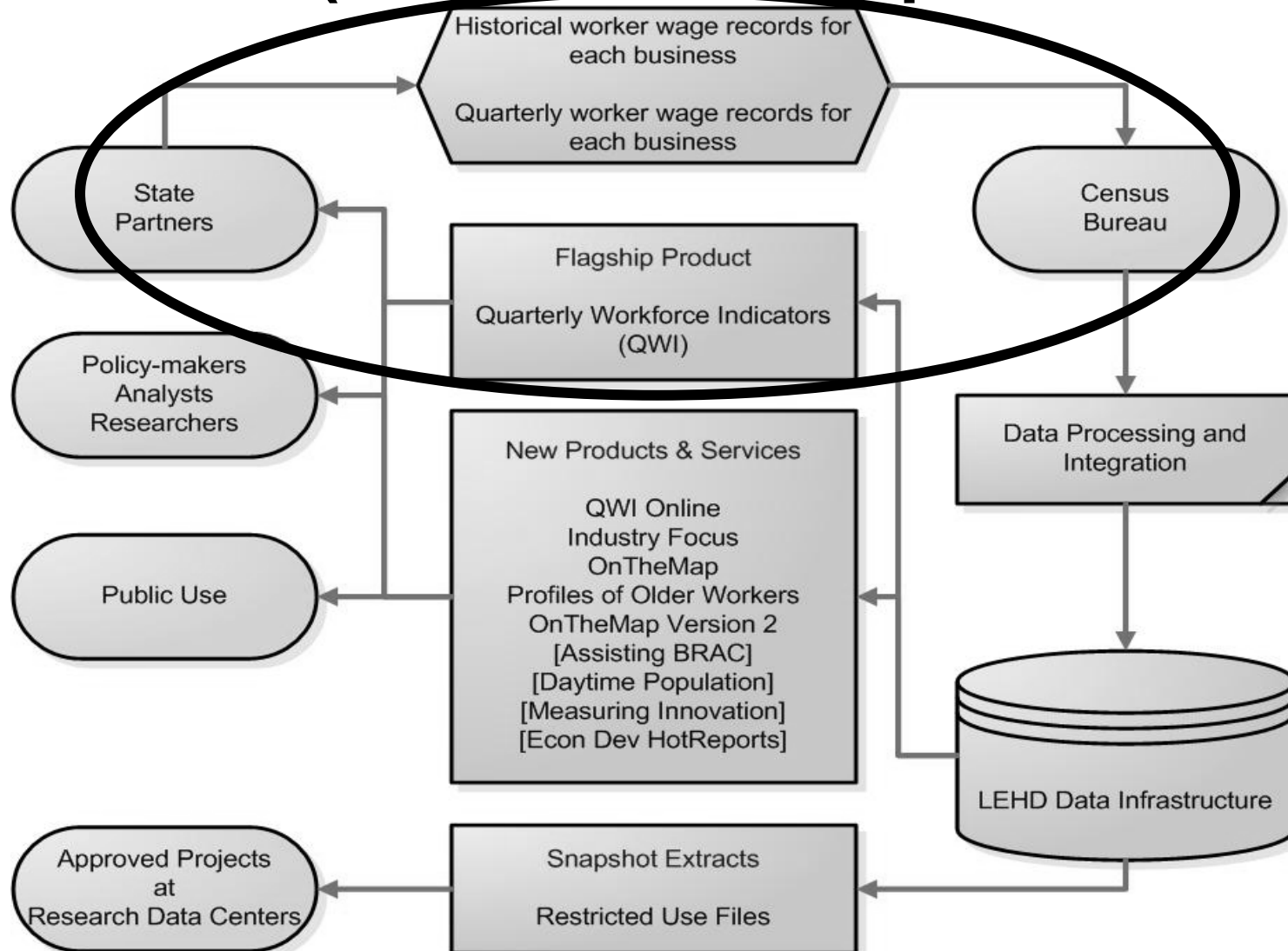
# The Beginning of LEHD

- 1997 Retreat of Census Bureau executives on integrated data
- 1998 International conference on state of integrated data
- 1999 Census Bureau launched the LEHD Program
- 2001 Local Employment Dynamics (LED) Partnership formed

# The LEHD Program

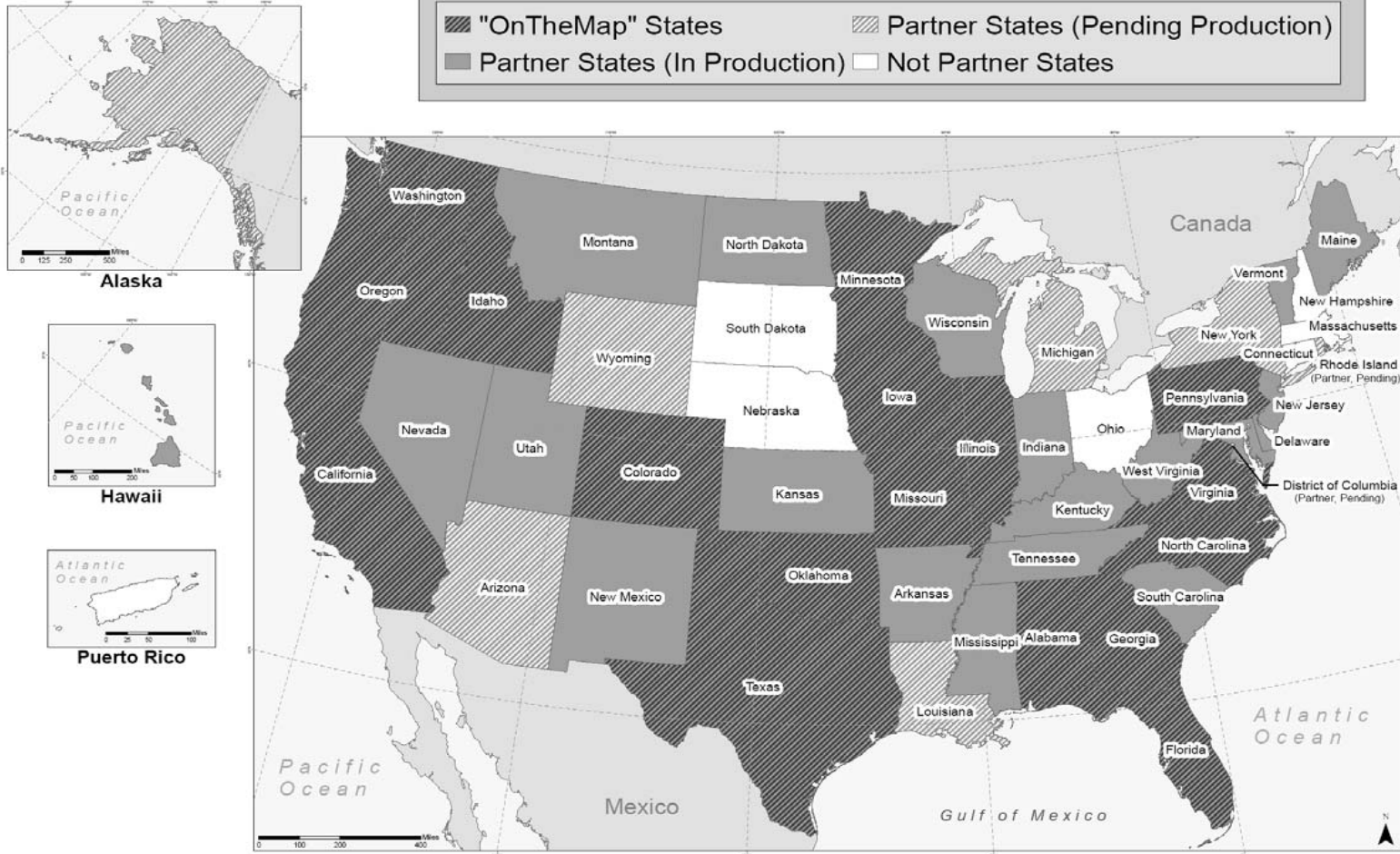


# The Local Employment Dynamics (LED) Partnership



## Local Employment Dynamics Partner States

- "OnTheMap" States
- Partner States (Pending Production)
- Partner States (In Production)
- Not Partner States



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# LED Partnership

- Local Employment Dynamics (LED)
  - 45 state partners, including DC
  - 1 state in the approval process - OH
  - 5 states yet to join - CT, MA, NE, NH, SD
- Quarterly Workforce Indicators (QWI) production
  - 38 states under Regular Production
  - 7 states under Experimental Production
- OnTheMap
  - 17 states in version 1, completed December 2006
  - Up to 44 states in version 2

# LEHD Products and Assets

- Web-based applications
  - QWI Online
  - Industry Focus
  - OnTheMap; OnTheMap version 2
- Documentation
  - Infrastructure files and creation of QWI
  - Confidentiality protection in QWI
  - Evaluation of synthetic data
- Public use data
- Restricted use data



# On The Map v.1

LEHD's online dynamic mapping tool

- ✓ 17 states online
- ✓ Completed 12/06

- ✓ Where do workers live?
- ✓ Where do people work?
- ✓ Companion reports on age, earnings, and industry
- ✓ First partial synthetic data product

- ✓ User select areas
- ✓ Block is base unit for display; block group is base unit for report
- ✓ Modular geographic layers such as community colleges and zip codes

# On The Map Version 2

- Up to 44 LED partner states
- Add 2004 data to 2002-2003 data
- Cross-state patterns for all states
- Enhanced multi-year reports
- Additional geographies
- Will become available in phases between April and September 2007

# Knowledge Sharing Approaches

- Electronic media
  - Website
    - E-learning modules; Library; case studies
  - Listservs; Webinars; user groups
- Face-to-face sessions
  - 1-2 hour demonstrations; presentations
  - 1-3 day training sessions
- High-level course/Distance learning
  - Cornell/CISER Info 747

# LED Steering Committee Action Plan for 2007

<http://groups.google.com/group/LEDPartnership>

- Addressing data quality issues
- Providing training
- Expanding user base
- Taking LED national
- Achieving a culture of innovation

# [www.census.gov](http://www.census.gov) (Local Employment Dynamics) <http://lehd.did.census.gov>

U.S. Census Bureau

## Longitudinal Employer-Household Dynamics

Home | Local Employment Dynamics | Data Tools | Research | Library | About Us

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QUICK LINKS	WHAT'S NEW?	Q&A
<ul style="list-style-type: none"> <li>▶ <a href="#">QWI Online</a></li> <li>▶ <a href="#">Industry Focus</a></li> <li>▶ <a href="#">Partners Only</a></li> <li>▶ <a href="#">OnTheMap</a></li> <li>▶ <a href="#">OnTheMap V2</a></li> <li>▶ <a href="#">Workshop Presentations</a></li> <li>▶ <b>e-Learning Modules</b></li> <li>▶ <a href="#">Site Tour</a></li> <li>▶ <a href="#">Industry Focus Tour</a></li> <li>▶ <a href="#">QWI Online Tour</a></li> <li>▶ <a href="#">OnTheMap Tour</a></li> </ul>	<ul style="list-style-type: none"> <li>▶ 05/15/07: <a href="#">OnTheMap version 2.0.2 Released</a></li> <li>▶ 05/11/07: <a href="#">Louisiana QWI Data on LED Website</a></li> <li>▶ 04/30/07: <a href="#">OnTheMap version 2.0.1 Released</a></li> <li>▶ 04/15/07: <a href="#">OnTheMap version 2.0 Released</a></li> <li>▶ 04/12/07: <a href="#">New York Joins LED</a></li> </ul> <p style="text-align: right;"><a href="#">[more...]</a></p> <p><a href="#">Click here to send an email to join the OnTheMap listserv.</a></p>	<ul style="list-style-type: none"> <li>▶ <a href="#">What is LEHD?</a></li> <li>▶ <a href="#">What is LED?</a></li> <li>▶ <a href="#">What is the difference between LEHD and LED?</a></li> <li>▶ <a href="#">What are the QWI?</a></li> </ul> <p style="text-align: right;"><a href="#">[more...]</a></p>
<p><b>Local Employment Dynamics</b>  <a href="#">Confidentiality and LED</a>, <a href="#">State Partners</a>,  <a href="#">Partnership</a>, <a href="#">Partners Only</a></p> <p><b>Data Tools</b>  <a href="#">QWI Online</a>, <a href="#">OnTheMap</a>, <a href="#">OnTheMap V2</a>,  <a href="#">Industry Focus</a>, <a href="#">Cornell-based Data Access</a>,  <a href="#">Case Studies and Examples</a></p> <p><b>Research</b>  <a href="#">Research Data Center</a>, <a href="#">Confidentiality Research</a>,  <a href="#">Low Wage Work</a>, <a href="#">Human Capital &amp; Productivity</a>,  <a href="#">Transportation</a>, <a href="#">Aging &amp; Pension Benefits</a></p>	<p><b>Library</b>  <a href="#">Profiles</a>, <a href="#">Workshops</a>, <a href="#">Training</a>,  <a href="#">Technical User Guides</a>, <a href="#">Technical Papers</a>,  <a href="#">Presentations</a>, <a href="#">Newsletters</a>, <a href="#">Archives</a></p> <p><b>About Us</b>  <a href="#">Mission</a>, <a href="#">FAQs</a>, <a href="#">Staff</a>, <a href="#">Contact</a>, <a href="#">Directions</a></p>	<p><b>DID YOU KNOW?</b></p> <p>...that of the industries in <b>Illinois</b> that employed more than 1,000 workers <b>65 years and older</b> in 2002, the highest paying was legal services (\$5,845 per month)?</p>

# LEHD Public Use Data

- QWI public use files
  - NAICS-based QWI
  - SIC-based QWI
- OnTheMap public use files
  - Origin-Destination
  - Home and workplace profiles
  - NAICS-based QWI
  - Companion reports
  - **NO** geographic layer or TIGER files

# Access to LEHD Public Use Data

- LEHD website download
  - Limited access to avoid system overload
- DVD sales through MSO
  - \$850 per annual set of QWI
  - Listed under Business in <https://censuscatalog.mso.census.gov/esales/>
- Cornell/CISER site
  - Limited assistance
  - <http://vrdc.ciser.cornell.edu/guides/how-to-use-VirtualRDC/>

# Contact Us

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*General Comments/Suggestions*

[dsd.local.employment.dynamics@census.gov](mailto:dsd.local.employment.dynamics@census.gov)

*Website*

<http://www.census.gov> (*Local Employment Dynamics*)

<http://lehd.did.census.gov>

*Listservs*

<http://lehd.dsd.census.gov/led/about-us/contact.html>