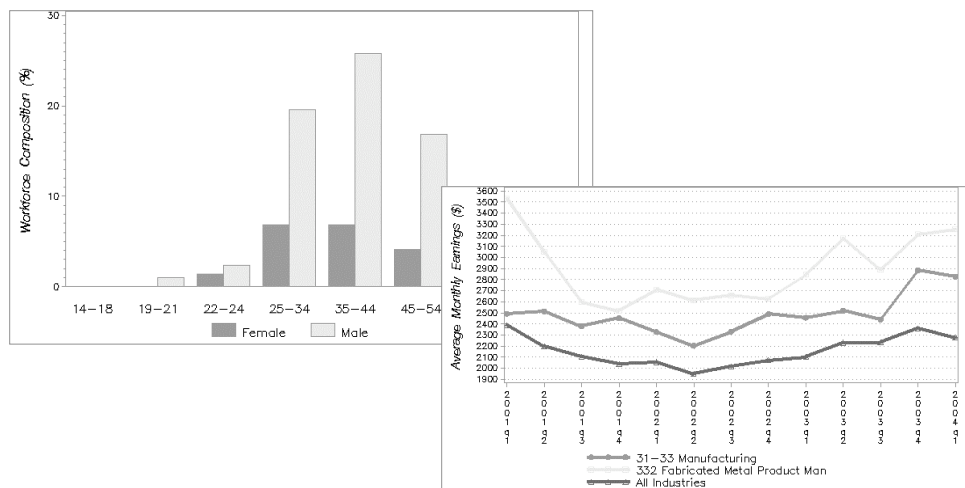


# New Labor Market Information for Planning School-To-Career Programs



**Rose M. Baker**

Management Development

**David L. Passmore**

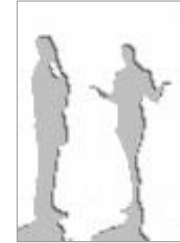
Workforce Education & Development

Penn State

today...

- < *Discuss*—new source of labor market information
- < *Demonstrate*—local information online
- < *Guide*—obtaining information for your locality

# *Discuss*



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nature and uses of a  
new source of  
labor market information

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# local employment dynamics

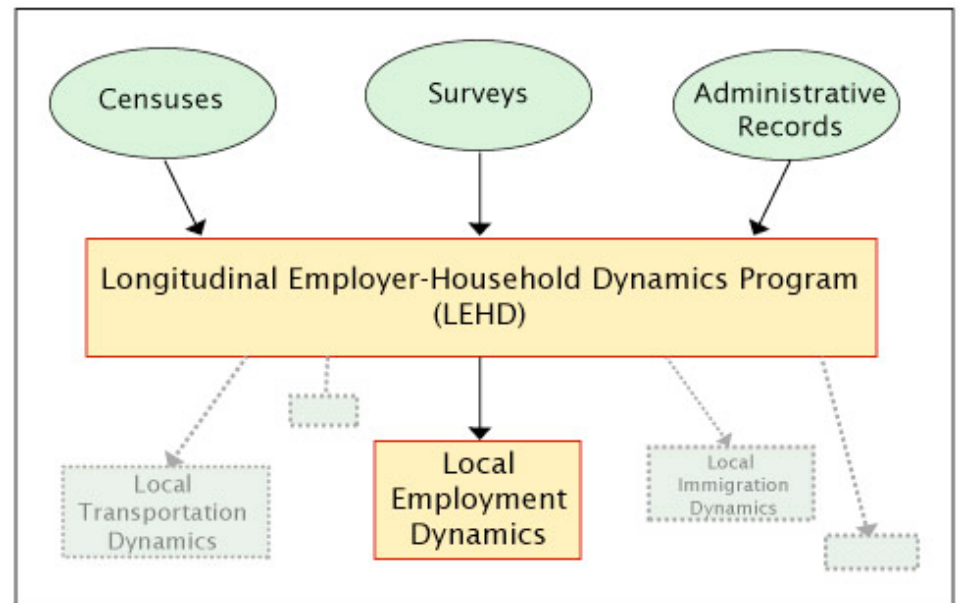
- < state labor market information agencies partner voluntarily with the Federal government
- < states supply quarterly unemployment insurance wage records and ES-202 business establishment records
- < U.S. Census Bureau merges states' records with other data

# local employment dynamics

...is part of the U.S. Bureau of the Census program,

## Longitudinal Employer-Household Dynamics

...the LEHD combines federal and state administrative data on employers and employees with core Census Bureau censuses and surveys while protecting the confidentiality of people and firms that provide the data.



# local employment dynamics

## < **L**ocal

- < state, county, sub-county workforce investment area

## < **E**mployment

- < demographics

- < industry

- < earnings

## < **D**ynamics

- < over time, quarterly, since 1990

- < job gains, losses, flows

- < hires, turnover, separation

# local employment dynamics

## < WIBs & Schools

< where are jobs?

< how much do they pay?

< who needs training?

## < employers

< where are the workers?

< what is the pay?

## < economic development agencies

< what are the high growth industries?

< where should a business locate?

## < transportation planners

< how can workers get to their jobs?

# data tools

< Quarterly Workforce Indicators

< Local Workforce

< Top Industries

# Quarterly Workforce Indicators report

**LEHD Pennsylvania County Reports - Quarterly Workforce Indicators**  
 Select Criteria below. A new report will be created below as selections change.

Year  Geographic Grouping  or [Information by Detailed Industry](#)  
 Quarter  County   
 Sex  Industry

[Download Dataset](#) [Print Table](#)

| QWI Quick Facts       | Adams (Q1) | Adams (Avg:Selected + 3 Prior qtrs) | Pennsylvania | Pennsylvania (Avg:Selected + 3 Prior qtrs) |
|-----------------------|------------|-------------------------------------|--------------|--|
| Total Employment      | 30,483     | 32,209                              | 5,121        | 5,121                                      |
| Net Job Flows         | -726       | 276                                 |              |  |
| Job Creation          | 2,448      | 2,898                               |              |  |
| New Hires             | 4,330      | 5,245                               |              |  |
| Separations           | 6,623      | 7,013                               |              |  |
| Turnover              | 11.4%      | 10.8%                               |              |  |
| Avg Monthly Earnings  | \$2,388.00 | \$2,462.00                          | \$           | \$   |
| Avg New Hire Earnings | \$1,749.00 | \$1,673.00                          | \$           | \$   |

[View Detailed Comparison Reports](#)  
[For more information](#)







Age Group = 14-99; County = 001 Adams; Geographic Grouping =  
 Q1; Sex = Male and Female; State = Pennsylvania; Year = 2004;

QWI measure the performance of the local economy: where jobs are, for what kind of workers, how much workers can expect to make and employers expect to pay.

# Local Workforce report

**Local Workforce**

**What do you want to find out about the workforce?**

- Employee Distribution by Age and Sex 
- Employee Turnover by Age and Sex 
- Employee Retention Rates by Age and Sex 
- Employee Average Monthly Earnings 
- New Employee Average Monthly Earnings 
- Trends In Average Monthly Earnings 

**What geographic area?**

State:



County:

**What industry?**

Sector:

Detailed Industry:

**How do you want to display the results?**









  

designed for businesses, this tool provides timely and pertinent answers to key questions about the local workforce, all by industry, age and sex.

# Top Industries report

**Top Industries**

List the top  industries ranked by the greatest:

- Total Employment 
- Growth in Employment 
- Growth in hiring 
- Number of new hires 
- Jobs added by new and expanding businesses 
- Average monthly earnings for all workers 
- Growth in average monthly earnings for all workers 
- Average monthly earnings for new hires 

**What geographic area?**

State:

WIB:

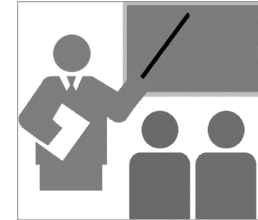
**What age and sex?**

Age:

Sex:

designed for Workforce Investment Boards, this tool helps find top industries based on a variety of pertinent measures, all by age and sex of employees.

*Demonstrate*



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identification of  
local information  
online

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# Refer to the document:

## *Identifying and Obtaining Online Information About Local Employment Dynamics*



### IDENTIFYING AND OBTAINING ONLINE INFORMATION ABOUT LOCAL EMPLOYMENT DYNAMICS

Rose M. Baker & David L. Passmore

New information useful for planning local workforce development is available using data from a partnership between the U.S. Census Bureau and Pennsylvania. The *Local Employment Dynamics* (LED) program provides new information that describes the dynamic interaction between workers and employers. This information about jobs and workers is important to economic developers and workforce investment boards and planners, just to name a few potential users.

The LED program produces measures about employment and workers that are available for states, counties, Metropolitan Statistical Areas, and workforce investment areas. Employment information is available by age and gender, by industry (offering SIC or NAICS 2- and 3- digit detail) and includes information on earnings. The LED data sets are dynamic, showing job gains and losses, new hires, and separations over time.

The Pennsylvania Department of Labor and Industry supplies key data from unemployment wage records and from businesses each quarter. The U.S. Census Bureau merges Pennsylvania data with current demographic data. By combining data from different administrative sources, censuses and surveys, the Census Bureau produces local employment information that was not available previously.

For Workforce Investment Boards, the LED program helps answer questions about where the jobs are, what workers are paid, and who needs what kind of training. For employers, the data might be used to show where the workers are located and how much they earn. Economic development agencies might use the indicators to determine what the high growth industries in their area are or where more businesses might be located. And transportation planners will find this to be a great new resource to decide how to improve the ways workers get to and from their jobs.

Three reports currently are available from the LED website at <http://lehd.dsd.census.gov>: *Quarterly Workforce Indicators*, *Local Workforce*, and *Top Industries*. In the remainder of this document, procedures are outlined for identifying local LED information and obtaining these three reports for the locality specified. Another report, *On the Map*, soon is available for GIS mapping of employment information.

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*David L. Passmore is Professor of Education and Operations Research at*

*Penn State. He specializes in economic and demographic analyses of regional labor markets and is the author of approximately 100 reports about the Pennsylvania economy and jobs. (dlp@psu.edu; 814-865-2583)*

*Baker and Passmore are leading Penn State Management Development's new effort in industry cluster analysis and forecasting.*



# New Labor Market Information For Planning School-To-Career Programs

Rose M. Baker & David L. Passmore

Presentation at *Conference on Integrated Learning:  
The School-To-Career Connection*

State College, Pennsylvania

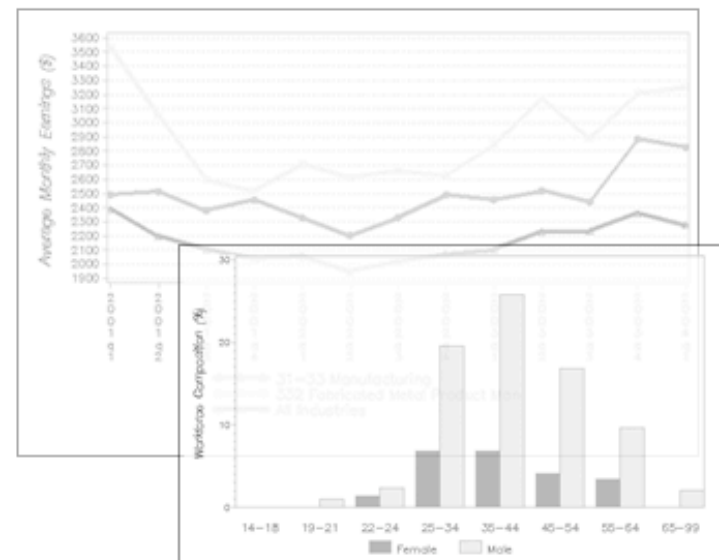
7 November 2005

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Two Adobe PDF files:

PowerPoint Presentation (784k)

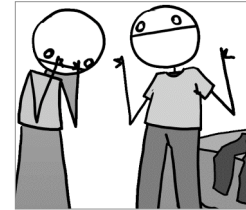
Information Sheet—*Identifying & Obtaining  
Online Information About Local  
Employment Dynamics* (1.9MB)



<http://www.personal.psu.edu/dlp/S2W>

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# *Guide*

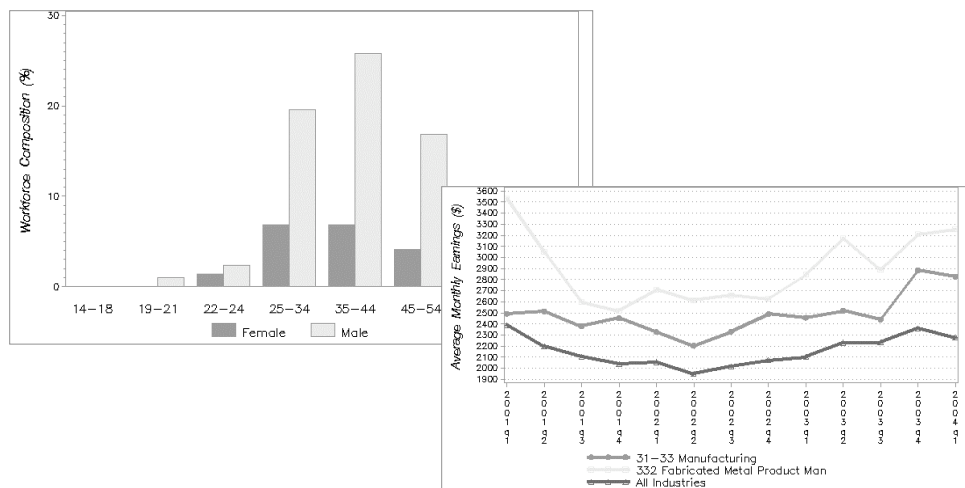


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extraction and printing  
of information for  
your locality

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