LMI Institute
Navigating the World of Labor Market Information

P.O. Box 100127
Arlington, VA 22210

Basic Labor Market Information Analyst Training

April 12 - 14, 2016

Los Rios Community College
Workforce & Economic Development Building
1410 Ethan Way, Room 250
Sacramento, CA 95825

AGENDA

Day 1

Time	Session
8:00	Breakfast
8:30	Welcome/Introductions
8:45	Introduction to Labor Market Information • What is labor market information (LMI) and why is it important? • Where can I get labor market information? How can I use labor market information? • Training subjects, goals, and expectations
9:00	Exercise: Pull Industry Data Sets for California

9:15	Introduction to Data Sets
	• North American Industrial Classification System (NAICS)
	  ○ Current Employment Statistics (CES)
	  ○ Quarterly Census of Employment and Wages (QCEW)
	  ○ Industry Projections

9:45	Exercise: Pull Occupation Data Sets for California

10:00	Introduction to Data Sets (continued)
	• Standard Occupational Classification (SOC)
	  ○ Occupational Employment Statistics (OES)
	  ○ Occupation Projections

10:15	Break
10:30	Exercise: Access O*NET

10:45	Introduction to Data Sets (continued)
	• Semi-Classification
	  ○ O*NET (general adherence)
	  ○ HWOL

11:00	Exercise: Access Integrated Postsecondary Education Data System (IPEDS)

11:15	Introduction to Data Sets (continued)
	• Education Data
	  ○ Classification of Instructional Programs (CIP) or Taxonomy of Programs (TOP)
	  ○ Integrated Postsecondary Education Data System (IPEDS)
	• Other Data Sources
	  ○ American Community Survey (ACS)
	  ○ Current Population Survey (CPS)

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	○ Local Area Unemployment Statistics (LAUS) ○ Bureau of Economic Analysis (BEA) ○ Longitudinal Employer-Household Dynamics (LEHD)
12:00	Lunch (on your own)
1:00	Introduction to Basic Labor Market Analysis • Labor Force ○ What is the labor force? How is it calculated? What data source do I use? ○ How to interpret the number of employed, unemployed, and unemployment rate ○ What can trend analysis tell us? How does seasonality play into this? • Commute Patterns ○ What are commute patterns? How are they calculated? What data sources do I use? ○ How to interpret commute patterns
1:45	Exercise: Basic Labor Market Analysis for Assigned Area
2:15	Break
2:30	Introduction to Industry Sector Analysis • Industry Employment ○ What is it? How is it calculated? What data source do I use? ○ How to interpret industry employment ○ What can trend analysis tell us? How does seasonality play into this? ○ How to calculate growth rates ○ How to use an index to compare areas ○ What is basic and non-basic employment? What are multipliers? ○ What can location quotient tell us?
3:25	Exercise: LQs and CAGR
3:55	Introduction to Industry Sector Analysis (continued) • Projected Industry Employment ○ What is it? How is it calculated? ○ How to interpret projected industry employment
4:15	Exercise: Industry Projections
4:30	Adjourn

Day 2

Time	Session
8:00	Breakfast
8:30	Introduction to Occupation Analysis • Occupational Employment ○ What is occupational employment? How is it calculated? What data source do I use? ○ How to interpret occupational employment ○ Can we do trend analysis? ○ What does wage analysis tell us?
9:00	Exercise: Basic Occupation and Wage Analysis

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9:30	Introduction to Occupation Analysis (continued)
	• Occupational Employment Projections
	  ○ What are occupational employment projections? How is it calculated? What data source do I use?
	  ○ How to interpret projected occupation employment
	  ○ What do education and training levels tell us?
	  ○ What are staffing patterns? How can I use them?

10:00	Exercise: Projected Occupation Analysis
10:30	Break

10:45	Introduction to Occupation Analysis (continued)
	• Real-Time Labor Market Information
	  ○ What is real time labor market information? How is it calculated? What data source do I use?
	  ○ How to interpret real-time labor market information
	• Other Data Sources
	  ○ What is O*NET? Can we use it to conduct a deeper analysis?

11:00	Introduction to Population and Demographic Analysis
	• Population, Demographic, Social, Economic, and Housing
	  ○ What are these? How are they calculated? What data source do I use?
	  ○ How to find and interpret this data

11:30	Exercise: Analyzing Demographic Data
12:00	Lunch (on your own)

1:00	Introduction to Economic Accounts
	• Economic Accounts
	  ○ What are these? How are they calculated?
	  ○ Common analysis with economic accounts

1:30	Exercise: Find BEA Data
1:45	Introduction to Other Data/Analytic Tools • Government Data Sources and Uses • Other Data Tools
2:30	Break
2:45	Exercise: Find Data
3:00	Introduction to Local Employment Dynamics • What is Local Employment Dynamics? • Quarterly Workforce Indicators (QWI) Analysis • OnTheMap Analysis
3:45	Exercises: Local Employment Dynamics
4:30	Adjourn

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Day 3

Time	Session
8:00	Breakfast

8:30	Introduction to Presenting Data and Information
	• Who are your customers and what do they need?
	• Providing Effective Research and Products
	  ○ What data to use?
	  ○ Reports
	  ○ Presentations
	  ○ Data files
	  ○ Discussion
	• Tips for presenting information
	  ○ Writing tips
	  ○ Visualization
	  ○ Chart and Map tips

9:30	Exercise: Culminating Assignment (Brief PowerPoint Presentation, 6 Slides)
10:00	Break
10:15	Exercise: Culminating Assignment (Brief PowerPoint Presentation, 6 Slides)
10:45	Small Group Presentations (6 groups, 10 mins each)
11:45	Wrap-up
12:00	Adjourn