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SOLUTIONS

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STCTAT Meeting

*Impact of Labor Market
Information (LMI) on Perkins
Grant Application*

Thursday, February 3, 2022

What is Labor Market Information (LMI)?



- Data about employment by
 - Location and occupation
 - Labor supply and demand
 - Earnings
 - Unemployment
 - Demographics of the labor force
- Labor Market Information can be collected or analyzed at the national, regional, state, or local level

Where does LMI come from?



- U.S. Department of Labor's Bureau of Labor Statistics (BLS)



- U.S. Census Bureau



- Texas Workforce Commission

The U.S. Department of Labor's Bureau of Labor Statistics (BLS), along with state workforce agencies, collect and analyze statistical data about the labor market. The BLS provides that information to Congress, other federal agencies, state and local governments, and the public.

O*NET: Occupational Information Network



- Nations primary source of occupational information.
- Contains hundreds of standardized and occupation-specific descriptors on almost 1,000 occupations.
- Developed under the sponsorship of the **U.S. Department of Labor/Employment and Training Administration (USDOL/ETA)** through a grant to the North Carolina Department of Commerce.
- Currently includes SOC (Standard Occupational Classification) for 923 occupations.

O*NET-SOC Taxonomy Structure

More information than you need to know, but may come in handy if are a contestant on Jeopardy

- Taxonomy includes four levels of aggregation:
 - 23 major groups
 - 98 minor groups
 - 459 broad occupations
 - 867 detail occupations



O*NET-SOC Taxonomy

23 Major Groups



23 Major Groups

11-0000	Management	35-0000	Food Preparation and Serving Related
13-0000	Business and Financial Operations	37-0000	Building and Grounds Cleaning and Maintenance
15-0000	Computer and Mathematical	39-0000	Personal Care and Service
17-0000	Architecture and Engineering	41-0000	Sales and Related
19-0000	Life, Physical, and Social Services	43-0000	Office and Administrative Support
21-0000	Community and Social Services	45-0000	Farming, Fishing, and Forestry
23-0000	Legal	47-0000	Construction and Extraction
25-0000	Educational Instruction and Library	49-0000	Installation, Maintenance, and Repair
27-0000	Arts, Design, Entertainment, Sports, and Media	51-0000	Production
29-0000	Healthcare Practitioners and Technical	53-0000	Transportation and Material Moving
31-0000	Healthcare Support	55-0000	Military Specific
33-0000	Protective Services		

O* NET-SOC Taxonomy Structure Continued



- First and Second Digits represent the groups
- Third digit represents minor group
- Fourth and Fifth digits represent broad occupation
- Sixth digit represents the detailed occupation

Example:

17-0000 Architecture and Engineering Occupations (major group)

17-2000 Engineers (SOC minor group)

17-2110 Industrial Engineers, Including Health and Safety (SOC broad occupations)

17-2112 Industrial Engineers (SOC detailed occupation)

Importance of Labor Market Information



Labor Market Information (LMI) or Job Market Information can help decide both on a direction for a career and a location to live in. One can learn about industries and occupations that are hiring, locations where the job market is strong, and the salary ranges for the field, on a national, state, or regional level.

Questions LMI can answer for...



Jobseekers, Students, Workers

- What industries and occupations are growing in my area?
- How much do different occupations pay?
- What are the job openings in my area? What are the hot jobs?
- What education, training, and credentials do I need for specific careers?

It is important to know the chances of finding a job in your chosen field before you invest time and money in college or other training.

Questions LMI can answer for...



Educators, Counselors, Training Providers

- What is the outlook for job opportunities in my area? What's growing? Declining?
- What training should I offer to prepare students for current and future jobs?
- What training programs do other offer in my area?
- What careers offer the best prospects for youth? For adults who are retraining?

Questions LMI can answer for...



Businesses

- What is the size and what are the skills of the workforce in places where I am looking to expand or locate?
- What is the outlook for employment growth in my state and industry?
- What is the average pay for positions like those I employ?
- How many job seekers are available in my area? What are their skills?

Questions LMI can answer for...



Government Policymakers, Planners

- Which industries and occupations need trained workers?
- Who make up the unemployed/underemployed?
- How do rural and urban economies and workforce differ?
- Are persons served by the nation's workforce system finding and maintaining employment?

Perkins Grant – Labor Market Alignment



Part 3: Labor Market Alignment

LEAs are required to consider the alignment between programs offered and the labor market needs of the local area, state and/or region. As the data are analyzed, focus on comparing the number of students graduating in each CTE program area to the number of projected job openings in relevant occupations. Be sure to look into the

future, keeping in mind that the CLNA will be the foundation of planning for activities through the local application. Also, remember that the occupations for which programs are preparing students may be found across multiple industries. In addition to labor market information (LMI), feedback from your local industry representatives is beneficial. Local employer input can help to identify trends that may not be evident in reported data, particularly in emerging career areas, and to describe skill needs across industries. LEAs can gather employer input through informal discussions, surveys

and/or focus groups to learn whether students who have completed your programs are succeeding in the workforce.

Key Area in Focus in Texas Plan



Align CTE programs with high wage, in-demand, and high skill occupations in Texas



High Growth, In-Demand = 17% increase in jobs



High Wage = \$35,339.00 Annual Salary/Wages

Region One ESC Service Area



- Counties Serviced by Region One ESC
 - Brooks
 - Cameron
 - Hidalgo
 - Jim Hogg
 - Starr
 - Webb
 - Willacy
 - Zapata
- Reports may be narrowed to
 - Four County area
 - Single County
 - Metropolitan Statistical Area (MSA)



**Note: Focus area for report will impact what occupations are identified as High Wage & High Demand.*

How is the data compiled?



- Projected Growth – Based on Historical Data, 5, 10, 15 years. Compare to Bureau of Labor Statics (BLS)
- Average Annual Salary – Take the average salaries reported to BLS and by employer surveys.
- Typical Entry Level Education – The level of education for majority of individuals employed in that occupation. This does not mean that someone with less education will not be employed in this occupation.

Top 5 Career Clusters – Region One ESC Area



**Arts, Audio/Video
Technology &
Communication**

14



Human Services

13



Health Science

13



**Business, Marketing, and
Finance**

11



**Science, Technology, Engineering,
and Mathematics**

10

Top 5 Career Clusters - RGV



Health Science
15



Human Services
14



**Arts, Audio/Video
Technology &
Communication**
14



**Business, Marketing, and
Finance**
14



**Science, Technology, Engineering,
and Mathematics**
14